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## User's Guide to the TEXIN2 Model A Model for Predicting Carbon Monoxide Concentrations Near Intersections

by

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College Station, Texas 77843

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**Research Report 283-2** 

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Vehicle Emissions from Roadways

August 8, 1986

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#### Implementation

The original Texas Intersection Model has been revised in order to generalize its capabilities. The new model, TEXIN2, is capable of modeling carbon monoxide concentrations near virtually any intersection of interest to transportation engineers except street canyon scenarios. The model is available at a modest cost from the Texas Transportation Institute by contacting Dr. Jerry A. Bullin at (409) 845-3361.

#### Disclaimer

The contents of this report reflect the view of the authors who are responsible for the facts and the data presented herein. The contents do not necessarily reflect the official view or policies of the Federal Highway Administration, nor does this report constitute a standard, specification, or regulation.

#### Acknowledgements

The authors wish to recognize a few of the many contributors without whose assistance the revision of the model would have been impossible. The authors are indebted to Mr. Rod Moe of the Texas State Department of Highways and Public Transportation for his technical advice in many areas of the development. Without his contributions in organizing this project, this and many previous projects would have been impossible. Comments received by Dr. Amulakh Parikh of the New Jersey Department of Transportation proved extremely useful in several of the algorithms. We appreciate the data and other information supplied by Mr. Paul Benson of the California Department of Transportation for use in model verification. Thanks go to Laura Lapaglia for assembling the final version of this report. As always, the staff support of the Texas Transportation Institute and the Chemical Engineering Department at Texas A&M University is appreciated.

#### Summary

The original TEXIN model, which was previously developed to predict carbon monoxide concentrations near simple intersections, had several restrictions which inhibited its use in many realistic cases. The model was expanded to include modeling capabilities of four-way stop intersections. The CMA Operations and Design Procedure traffic algorithm was added to allow for more accurate representation of T-intersections. The addition of the EPA emissions model, MOBILE3, enables the user to more accurately estimate source strength. The new calculational methodologies and algorithms present in MOBILE3, including vehicle anti-tampering and inspection/maintenance programs, greatly enhance the capabilities of the model. The TEXIN2 model employs a short-cut emissions algorithm for users who do not wish to use MOBILE3.

This report is intended to assist the analyst in the execution of the TEXIN2 model. A brief description of the model is first given. Next, the input data required by the model are presented. Finally, several illustrative examples are presented. These examples should be able to answer most questions concerning the use of the program. The user that requires additional information on the TEXIN2 model should consult TTI Research Report No. 283-3F.

The TEXIN2 model is available for public distribution at a modest cost. The model may be obtained from the following address:

Dr. Jerry A. Bullin Texas Transportation Institute Department of Chemical Engineering Zachry Engineering Center Texas A&M University College Station, Texas 77843

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(409) 845-3361

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#### Chapter 1

#### Introduction

The prediction of carbon monoxide concentrations near roadway intersections represents a serious and challenging problem in air pollution research. In many geographical regions, the major portion of carbon monoxide in the environment is attributable to vehicular emissions. Moreover, busy intersections create local hot spots, or areas of high carbon monoxide concentrations.

Considering the higher pollution levels at roadway intersections, there exists a great need for accurate, efficient, predictive models of carbon monoxide levels in these scenarios. However most investigative work has been directed towards modeling pollutants emitted along straight roadways, where the traffic is well-defined and flows uniformly at constant speeds. This scenario is extremely inappropriate for intersections. A simple conversion from straight line predictions to roadway intersections cannot be implemented due to the marked differences in traffic behavior. Some vehicles are able to cruise through intersections at relatively constant speeds, as in the case of a green traffic signal with no traffic impedance. However, many others must accelerate, decelerate, and/or idle while at a complete stop. Such behavior produces much higher emissions which are released at unsteady rates. These rates depend, in part, on the rate of acceleration or deceleration, as well as the duration of these transient phases.

Other factors which complicate predictive models deal with the effects of intersection geometry on traffic flow. If the intersection is signalized, the traffic signal may be fully actuated, semiactuated, or unactuated, each requiring separate consideration. Exclusive left-hand turn lanes, one-way streets, and minor side streets affect the turning patterns and channelization of traffic, making it much more difficult to predict the resulting pollutant levels. These and other factors apply to even the simplest intersection scenarios.

The TEXIN2 Model is a tool intended to provide an improved perspective in the evaluation of pollution impacts from intersections considering temporal and spacial variations of traffic, emissions, meteorology, the nature of receptors, and their relation to local intersection air quality.

This User's Guide briefly describes the TEXIN2 Model and its use. The input procedures are outlined in detail, the possible outputs are discussed, and several illustrative examples are presented.

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#### Chapter 2

#### **Model Description**

The TEXIN2<sup>1</sup> Model is a revised version of the FORTRAN computer program, TEXIN<sup>2</sup>, which emphasizes convenient user application and minimal computer time, yet proves to be more accurate than most intersection models. The program follows a general three-step process:

- (1) Estimation of traffic parameters.
- (2) Estimation and distribution of vehicle emissions.
- (3) Modeling downwind dispersion of pollutants.

As shown in the general flow diagram in Figure 1, the TEXIN2 model requires a minimal set of four types of geometrical, meteorological, and traffic related inputs.

The TEXIN2 model is versatile enough to handle most intersection geometries which would be encountered by traffic engineers. The range of application for the model spans the case of a simple at-grade intersection with four right angle corners to the case of a major intersection with curved legs and several nearby side streets. Signalized and unsignalized intersections can be modeled, as well as four-way stop intersections. One-way streets and T-intersections, where one leg of the intersection is *missing*, are also easily modeled. The fact that TEXIN2 is not applicable to *street* canyon scenarios should be noted.

The first function performed by the program is that of a traffic flow analysis. Initially, the traffic flow on the major intersection is evaluated, and subsequently any minor intersections are handled.

Traffic parameters are calculated using either the modified Planning or Operations and Design procedures of the Critical Movement Analysis (CMA)<sup>3</sup> for signalized intersections. A corresponding procedure is used to develop the traffic parameters of unsignalized intersections. These traffic parameters, including the intersection Level of Service and the stopped delay associated with this Level of Service, are then used to calculate several other traffic parameters of interest such as approach delay, time in queue, percent of vehicles stopping, and queue lengths.

Basically, the difference between the two traffic algorithms concern the different adjustment factors present in the CMA Operations and Design algorithm. These adjustment factors tend to decrease the capacity of a given intersection. Therefore, the Operations and Design technique will occasionally calculate that an intersection is over capacity while the Planning procedure indicates that the intersection is below full capacity.

Research has provided adjustment factors for a number of elements that affect traffic flow and hence modify critical volumes. These elements are:

(1) Left turns



Figure 1

Flow Diagram of the TEXIN2 Model

- (2) Bus and truck volume
- (3) Peaking characteristics
- (4) Lane width
- (5) Bus stop operations
- (6) Right turns with pedestrian activity
- (7) Parking activity

In the TEXIN2 Model, the CMA Planning procedure utilizes only the left turn adjustment factor, while the CMA Operations and Design procedure uses the first four adjustment factors listed above with no additional user input. In both algorithms, left turns are treated in detail for the simple reason that left turns have a large impact on intersection capacity. This effect is created using passenger car equivalency (PCE) values. PCE values are multiplicative adjustment factors applied to the left turning traffic volumes.

The second function performed by TEXIN2 is the estimation of vehicle emissions. The emissions are modeled as the sum of two components: cruise and excess emissions. Cruise emissions and excess emissions are released by free-flowing and delayed vehicles, respectively. Initially, cruise emissions are assumed to be released along the entire length of each intersection leg. The emissions are subsequently redistributed to better reflect actual traffic movement. A modified version of the MOBILE3 program is used to estimate cruise emissions and an idle emission factor, while excess emissions are calculated using procedures suggested by Ismart.<sup>4</sup> As an alternative, a *short-cut* method combining the MOBILE3 estimation of the idle emission factor with values for individual vehicle emission rates based on speed, temperature, percent hot/cold starts, and the vehicle scenario is available to the user.<sup>5</sup>

As used in TEXIN2, the MOBILE3 program provides inspection/maintenance (I/M) and antitampering program (ATP) options. To conserve computer time, several sizable portions of the extremely large MOBILE3 program were deleted, namely the nitrogen oxide and hydrocarbon emission factors modeling and user supplied corrections to the emission rates. Since the MO-BILE3 program does not allow for California scenarios, the California data and options from the MOBILE2<sup>6</sup> program were added to the emission routine.

The MOBILE3 I/M program allows the user to apply I/M credits to the basic exhaust emission levels. The emission reduction credits attributable to an I/M program vary according to the program type. The additional inputs required to use this option are described in the Input/Output section of this chapter. The inclusion of I/M capabilities greatly increases the versatility of TEXIN2.

To compensate for the significant increase in tampering and its effect on fleet emission rates, MOBILE3 includes a correction term which alters individual vehicle emission rates. Using this capability, the basic emission rates are calculated for untampered vehicles and the effects of tampering are included as offsets to those values. The tampering offsets are estimated from the percentage of vehicles being tampered with at a given time and the effects of such tampering. These offsets grow linearly with mileage due to the observation that the frequency of tampering increases as cars age and accumulate more mileage. Tampering effects are assumed to be independent of the mileage at which the vehicle was disabled. The types of tampering which are included in the TEXIN2 model are:

- (l) Misfueling (not applicable to fuel inlet disablement)
- (2) Fuel inlet disablement
- (3) Catalyst removal
- (4) Air pump

Where applicable, any number of the tampering types may apply to light-duty gasoline vehicles, light-duty gasoline trucks, and heavy-duty gasoline vehicles. The default tampering frequencies are based on national averages and differ for I/M and non-I/M areas. The user may also use local rates as approved by the MOBILE3 technical support staff.<sup>7</sup>

Anti-tampering programs (ATP) may also be utilized using credits assigned to emission rates. The program allows for most types of ATP's which are discussed in the EPA technical report EPA-AA-TSS-83-10.<sup>8</sup> The MOBILE3 User's Guide<sup>7</sup> and program include credits for anti-tampering programs which inspect annually, biennially, upon change of ownership, or by random audits of 1%, 2%, and 5% of the vehicle fleet. These ATP programs<sup>7</sup> are listed in Appendix B of this report for convenience. Each option may include the inspection of a combination of one or more items, some of which the EPA has determined credits for:

- (1) Air pump only
- (2) Air pump and catalyst
- (3) Air pump and catalyst and fuel inlet
- (4) Air pump and catalyst and lead deposit test
- (5) Catalyst only
- (6) Catalyst and fuel inlet
- (7) Catalyst and fuel inlet and lead deposit test

The MOBILE3 User's Guide clearly states that the user should consult the EPA before implementing the ATP option.

The ATP involves a much different approach to the calculation of emission rates. First, the emission rates are calculated for the entire vehicle fleet assuming no anti-tampering program is in effect. Two separate trials follow which calculate the effects of the ATP on the 1968 to 1979 and 1980 to 2020 fleets, respectively. These three values are then used to calculate the final emission

factors applicable to the particular scenario. In essence, MOBILE3 is called on to perform three separate trials for each run of TEXIN2 which implements the ATP option.

A short-cut method was developed as an option to using the modified, yet time-consuming, version of MOBILE3. The method was developed by combining portions of MOBILE3 with alternative cruise emission factors. The cruise emission factors are interpolated from the FHWA values<sup>5</sup> and adjusted for ambient temperature and the percent of hot/cold starts. This adjustment is actually an incremental change in light-duty vehicle carbon monoxide emissions which is added to the initial base value.

In TEXIN2, once the emissions have been assigned to the appropriate links and pseudolinks as described above, a redistribution of emissions is enacted. Cruise emissions are treated separately from idle emissions and excess emissions due to acceleration and deceleration. Also, due to the different methods involved in analyzing traffic flow for signalized and unsignalized intersections, each type of intersection is approached separately.

Idle emissions are assigned to the appropriate pseudolink and, since no traffic movement is involved, no redistribution is necessary. As modeled in TEXIN, excess emissions due to slowing, stopping, and accelerating are assigned to the pseudolink consistent with the approach link. In TEXIN2, the emissions due to slowing and stopping are applied to this pseudolink, while emissions due to acceleration are spread to the pseudolink upon which the vehicle exits the intersection. This keeps the distribution of these excess emissions consistent with the traffic flow.

Cruise emissions are also redistributed according to traffic flow. TEXIN makes no adjustment for the fact that vehicles tend to hover about the intersection as they turn. Patterson<sup>9</sup> noted that emission profiles peak at the stop line and fall off rapidly toward the midblock due to the greater time spent near the stop line. Cohen<sup>10</sup> also cites the nature of vehicle flow as a contributing factor to this emission profile. To account for this, the cruise emissions of the four major links are modified in the TEXIN2 model as described below.

In addition to the emissions from inbound and outbound traffic on each respective leg, emissions due to vehicles turning are also included. The fraction of vehicles turning left and right are assumed to either cruise through the turn at 10 mph from an initial spot in the queue or slow down to 10 mph on the approach before making the turn. The proportions used are equivalent to the fraction stopping and one minus the fraction stopping, respectively. These proportions are equally distributed along the pseudolinks of the approach and exit legs of the turning vehicle.

The subsequent dispersion of emissions is finally modeled using the Gaussian dispersion model, CALINE3.<sup>11</sup> Several minor modifications were made to the CALINE3 program, namely, to the input/output routines so that the model could handle the constructed pseudolinks. Additionally, a modification raising the emission source height at very low wind speeds extended the applicability of the CALINE3 to wind speeds below 1 m/sec.

#### Input/Output Summary

The input requirements for TEXIN2 can be divided into four general categories: link description, receptor coordinates, meteorological conditions, and vehicle scenario. Additional parameters are needed if the user employs the inspection/maintenance and anti-tampering options. The procedure for supplying the parameter values is incumbent upon the correct mapping of the intersection onto an x - y Cartesian coordinate system: the center of the intersection should be placed at the origin of the coordinate system, and the northernmost leg aligned with the y-axis.

The first input required by the model deals with physical descriptions of the individual legs of the major intersection as well as the minor side streets. Since the TEXIN2 Model treats each leg as a link, individual lanes need not be addressed. Parameters required to fully describe each link are normally available and include:

- (1) Coordinates in the x y system
- (2) Width of entire link
- (3) Link type (*i.e.*, at grade, fill, bridge, etc.)
- (4) Traffic volume
- (5) Average vehicular speed of non-delayed vehicles
- (6) The number of approach and turning lanes
- (7) Estimated percentage of cars turning right and left
- (8) Source (link) height
- (9) Width of through and left turn lanes

Certain physical aspects of the intersection operation must also be specified, such as the number of signal phases, left-turn phases, and cycle length.

The remaining input parameters concern the receptors, meteorological conditions, and vehicular scenario. The Cartesian coordinates, including height, must be specified for each receptor. Various meteorological conditions which need to be specified consist of wind speed, wind direction (measured clockwise with respect to the y-axis), stability class, temperature, mixing height, and ambient carbon monoxide concentration. Surface roughness estimates and averaging time are required by the dispersion subroutines. In addition, the percentage of hot/cold starts must be specified in order to estimate emissions.

Additional input is required to implement various available user options. For example, users that wish to implement local values for mileage accrual and/or registration distribution will need to supply those data. The VMT mix may be specified in place of the national default values. To use the inspection/maintenance program option, additional input involves:

- (1) The year of the I/M program implementation
- (2) Stringency level of the I/M program

- (3) Mechanic training as a part of the effectiveness of the program
- (4) Earliest and latest model year included in the program
- (5) Type of vehicles affected by I/M
- (6) The type of I/M test (and its associated standards) implemented for 1981 and later light-duty gas vehicles

The anti-tampering option involves the following parameters:

- (1) The year of the ATP implementation
- (2) First and last model year included in the ATP
- (3) Vehicle classes covered by the ATP
- (4) Type of ATP and associated credit rates
- (5) Tampering rates

Users that wish to use air conditioning, extra loading, or trailer towing correction factors will need to supply the following data:

- (1) Fractions of LDGV, LDGT1, and LDGT2 vehicles carrying an extra 500 lb load
- (2) Fraction of LDGV (or LDGV, LDGT1, and LDGT2) vehicles towing a trailer
- (3) Wet and dry bulb temperatures

The primary output of TEXIN2 is the predicted carbon monoxide concentrations for each receptor. Additional output which can also be printed include the carbon monoxide concentrations at the receptors as contributed by each link and pseudolink, summary of input data, the composite emission factors and idle emission rates, the excess emission factors, and the traffic parameters of interest, such as queue length, stopped delay per vehicle, and volume to capacity ratio. Specific details and examples of the input/output format follows in the next chapters.

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#### Chapter 3

#### **Model Implementation**

This chapter gives the basic formats of the data that are required in the use of the TEXIN2 model. Illustrative examples are presented in the next chapter.

#### A. Input Procedure

The TEXIN2 program requires at most 13 types of input cards. They are (in order):

- (1) Heading card (one card)
- (2) Flags card (one card)
- (3) Input file name cards (FORTRAN77 Version Only)
- (4) Link description cards (one card per link)
- (5) Receptor location cards (one card per receptor)
- (6) Meteorological conditions card (one card)
- (7) Zero-mile tampering levels and deterioration rates (8 or 16 cards if required)
- (8) Mileage accrual/registration distribution cards (16 or 32 cards if required)
- (9) Inspection/maintenance program parameters (one card if required)
- (10) Vehicle scenario card (one card)
- (11) Optional air conditioning, extra loading, and towing corrections (if required)
- (12) ATP program characteristics (2 cards if required)
- (13) Idle emission factor estimate (one card if required)

The input sequence of the data is presented in Table 1 and Figure 2 and is described below. As shown in the table, all the input data are formatted according to standard FORTRAN conventions. (It is especially important to note that all integer values are right justified.) All data in Table 1 are read from logical unit number (LUN) 5. Items 1, 2, 4, 5, 6, and 10 above are the only required records for each simulation.

#### **B.** Heading Card

The first card processed is the Heading card. Eighty spaces are available for the job title. This card may contain any combination of alphanumeric characters.

#### C. Flags Card

The second input card is the Flags card. The first 21 spaces are for the seven 3-digit integer variables VMFLAG, PRTFLG, INTFLG, NR, NNDL, NDL, and NP. The purpose of these variables is as follows:

(1) Option flag for the VMT mix:

Table 1
Input Data for the TEXIN2 Model

Variable(s)	Туре	FORMAT	Units
1. Heading Card (1 Card) HEAD	REAL*4	20A4	
2. Flags Card (1 Card)			
VMFLAG, PRTÉLG, INTFLG, NR,			
NNDL, NDL, NP	INTEGER	713	
CY	REAL*4	F4.0	sec
TAMFLG, IMFLAG, EMFLG, CMAFG,			
TFLAG, MYMRFG, ALHFLG, WCFLAG	INTEGER	8I <b>2</b>	
3. Input File Name Cards (FORTRAN77 Version Only) <sup>†</sup>	EMFLG = 4		
<i>FILENM</i>	CHARACTER*80	A80	
4 Link Description Cards (Physical Links $\perp NNDL \perp N$	DI Carde)		
4. Link Description Cards (r hysical Links $+ N N DL + N$ )	INTEGER	13	_
	INTEGEN	10	
X L1, T L1, X L2, X L2	REAL*4	4F7 0	m
TVP	REAL*4	A2	
WL HL	REAL*4	2F4.0	m
V PHI	REAL*4	F6.0	veh/hr
VSP	REAL*4	F4.0	mph
NLN. NLTL. NRTL	INTEGER	312	
FLT, $FRT$	REAL*4	2F5.0	
	INTEGER	I3	
THWIDE, LTWIDE	REAL*4	2F5.0	m
5 Receptor Location Cards (NR Cards)			
XR $VR$ $ZR$	REAL*4	3F7.0	m
		01110	•••
6. Meteorological Conditions Card (1 Card)			,
U	REAL*4	F5.0	m/sec
BRG	REAL*4	F5.0	deg
AMBT	REAL <sup>*</sup> 4	F5.0	°F
MIXH	REAL'4	F 6.0	m
AMB	REAL 4	F 0.0	ppm
	REAL'4 DEAL*4	F 0.U	cm
AIIM	REAL 4	<b>FO.</b> U	min
7. Zero-Mile Tampering Levels and Deterioration Rates $T$	AMFLG = 0		
Zero-Mile Levels (4 or 8 cards)	REAL*4	7F8.4	_
Deterioration Rates (4 or 8 cards)	REAL*4	7F9.5	
8. Mileage/Registration Distribution Data $MYMRFG > 1$	I REAL*4	10F5.3	_

Variable(s)	Type	FORMAT	Units
9. Inspection/Maintenance Program Parameters	IMFLAG > 0		
IĈYIM, ISTRIN	INTEGER	2(I2,1X)	
IMTFLG	INTEGER	Ì1,İX	
MODYR1, MODYR2	INTEGER	2(I2,1X)	
ILDT, ITEST, ICUTS	INTEGER	3(I1,1X)	
10. Vehicle Scenario Card (1 Card)			
IREJN	INTEGER	I1	
ICY	INTEGER	<b>I3</b>	
PCCN, PCHC, PCCC	REAL*4	3F6.0	%
VMTMIX (8 values)	REAL*4	8F6.0	
11. Optional Correction Factors $(ALHFLG > 1)$			
AC	REAL*4	F4.3	
XLOAD	REAL*4	3F4.3	
TRAILR (ALHFLG = 2)	REAL*4	F4.3	
TRAILR(ALHFLG = 3)	REAL*4	3F4.3	
DB, WB	REAL*4	2F4.1	°F
12. ATP Program Characteristics (2 records if $E$	$MFLG = 4)^{\dagger}$		
LAPSY, LAP1ST, LAPLST	INTEGER	3(I2.1X)	
LVTFLG	INTEGER	<b>`4Í1</b>	
13. Idle Emission Factor Estimate $EMFLG = 2$	REAL*4	F6.2	gm/min

# Table 1 (Continued)Input Data for the TEXIN2 Model

†See Appendix A for further details.

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Alignment for TEXIN2 Input Data (Continued)



Figure 2

Alignment for TEXIN2 Input Data (Continued)

VMFLAG: 0 = MOBILE3 default VMT mix 1 = user supplied VMT mix

(2) Output option flag (see the output section discussion for further detail):

PRTFLG: 0 = abbreviated output1 = basic output2 = extended output

(3) Option flag for the type of intersection:

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INTFLG: 0 = unsignalized intersection 1 = signalized intersection 2 = 4-way  $4 \times 4$  stop with traffic analysis output 3 = 4-way  $4 \times 4$  stop

- (4) Number of pollutant receptors, NR (maximum of 20).
- (5) Number of additional links (other than the four intersection links) on which the traffic incurs no delay, NNDL (e.g., extensions of an intersection link to account for a curve in the road).
- (6) Number of additional links on which the traffic incurs delay, NDL (e.g., side streets controlled by stop or yield signs).
- (7) Number of phases, NP (zero for an unsignalized intersection).

The next variable on the Flags card is the signal cycle length, CY, in seconds.

The next 16 spaces are for eight 2-digit integer variables TAMFLG, IMFLAG, EMFLG, CMAFG, TFLAG, MYMRFG, ALHFLG, and WCFLAG. The purpose of these variables is as follows:

(1) Flag for tampering data type:

TAMFLG: 0 = user-supplied data 1 = MOBILE3 default data

(2) Inspection/maintenance flag:

IMFLAG: 0 = No I/M 1 = I/M invoked (minimal I/M data required) 2 = I/M invoked

(3) Emissions model flag (see Appendix A):

EMFLG: 1 = short-cut method with idle emission factor generated internally 2 = short-cut method with user-supplied idle emission factor 3 = MOBILE3 model without ATP 4 = MOBILE3 model with ATP

(4) Traffic algorithm flag:

CMAFG: 0 = CMA Planning procedure 1 = CMA Operations and Design procedure (5) T-intersection flag:

TFLAG: 0 = 4-leg intersection

- 1 =T-intersection with the north leg missing
- 2 = T-intersection with the east leg missing
- 3 =T-intersection with the south leg missing
- 4 = T-intersection with the west leg missing
- (6) Mileage accrual and registration distribution flag:

MYMRFG: 1 = default registration/mileage accrual distributions

- 2 = user-supplied mileage accumulation distributions
  - 3 = user-supplied registration distributions
  - 4 = user-supplied registration and mileage accrual distributions
- (7) Optional air conditioning, extra loading, and towing records flag:

ALHFLG: 1 = no optional correction factors

- 2 = 5 optional correction factors
- 3 = 9 optional correction factors
- (8) Worst case wind angle search flag:

WCFLAG: 1 = no worst case wind angle search

2 = invoke a worst case wind angle search for each receptor (limited output)

3 = invoke a worst case wind angle search for each receptor (full output)

For further information on the use of anti-tampering programs, the reader is referred to Appendix A.

#### D. Input File Name Cards (FORTRAN77 Version Only)

The next type of input data is used to associate logical unit numbers required to read the ATP data. These file names are read by the subroutine, OPENER. If the subroutine does not conform to installation standards, the user should modify the routine or comment the code and calling statement so that it is ignored by the compiler. For further information on these cards, consult Appendix A and Examples 2 and 3.

#### E. Link Description\_Cards

The next type of input card is the Link Description Card. The number of Link Description cards depends upon the intersection configuration. CALINE3 treats the entire roadway as a link with uniform emissions within a mixing zone centered along the physical centerline of the link (roadway) rather than each lane as an individual link. Thus, the TEXIN2 program does the same. To model the various intersection configurations, the TEXIN2 model recognizes three different types of links:

(1) Intersection links representing the four legs of the major intersection (there are usually four of these cards—for a T-intersection there would not be a card for the missing leg).

- (2) Links on which the traffic incurs no delay, such as connecting links approximating curves in the roadway significantly distant from the intersection to be free of delay (there must be NNDL number of these cards).
- (3) Links on which the traffic incurs delay, such as side streets controlled by stop or yield signs (there must be NDL number of these cards).

Table 1 gives the input data sequence (and format) for the Link Description cards. Not all of these data are necessary for each type of link. Any unnecessary parameters may be omitted from the Link Description cards (see Example 2).

In determining the geometrical inputs to the TEXIN2 program, a localized x - y coordinate system is assumed for the intersection locale with the origin of the coordinate system placed at the approximate physical center of the intersection. The positive y-axis is then taken as being aligned with due north. (This is an arbitrary assignment, but must be adhered to for all geometric inputs.)

The first four Link Description cards are for the four intersection links with the first card for the north leg, the second for the east leg, the third for the south leg, and the fourth for the west leg. This sequence must be followed for proper traffic evaluation. The Link Description cards contain the following data:

(1) The link association number. For the four intersection links, this is simply the link number where:

$$LA: 1 = North$$
  

$$2 = East$$
  

$$3 = South$$
  

$$4 = West$$

For NNDL and NDL links, LA is the intersection link with which the link is associated.

- (2) The endpoints of the intersection end of the link, XL1 and YL1. These should be at the approximate center of the intersection for the four intersection links.
- (3) The endpoints of the upstream end of the link, XL2 and YL2.

(4) Type of link:

TYP: AG = At-gradeFL = FillDP = DepressedBR = Bridge

(5) The actual width of the roadway excluding the width of the shoulders, WL.

(6) The source emission height, HL (zero for at-grade scenarios).

- (7) The number of vehicles/hour approaching the intersection on the link, VPHI.
- (8) The average speed of non-delayed vehicles on the link, VSP.

- (9) The number of approach lanes on the link, NLN. Included in this parameter are any exclusive right-turn lanes that do not allow right turns on red.
- (10) The number of exclusive left-turn lanes on the link, NLTL.
- (11) The number of exclusive right-turn lanes on the link, NRTL. This figure only includes those lanes that allow right turns on red.
- (12) The fraction of vehicles turning left on the link, FLT.
- (13) The fraction of vehicles turning right on the link, FRT.
- (14) Flag indicating left turn signalization for the link or the type of control for the minor street in unsignalized intersections:

LTFLG: 0 = No left turn phase (signalized intersection)0 = Yield control (unsignalized intersection)1 = Left turn phase (signalized intersection)1 = Stop control (unsignalized intersection)

- (15) The width of the lanes used for through traffic, *THWIDE*. If more than one lane is used per approach, this value is the average of all approach lane widths.
- (16) The width of the exclusive left turn lanes, *LTWIDE*. If more than one exclusive left turn lane is available, this value is the average of the left turn lane widths.

For unsignalized intersections, the major roadway (*i.e.*, the roadway with the right-of-way) must align with the north-south direction (links 1 and 3), and the flag, LTFLG, indicates whether the minor street is controlled by a yield (0) or stop (1) sign. The program is *not* capable of modeling an uncontrolled intersection.

The TEXIN2 model may be used to model emissions from T-intersections. A T-intersection is handled by simply omitting the card which corresponds to the *missing* leg. Additionally, the fraction of vehicles turning on the other three legs must be such that no traffic leaves the intersection on the missing leg.

If there are any links on which the traffic does not incur delay, the Link Description cards for these are supplied next. The data on these cards begin with the link association number, LA, and end with the source emission height, HL. The link association number simply associates the particular link and other variables with one of the four intersection links. There should be NNDLof these cards and no particular sequencing of the data is necessary (see Example 2).

Next, Link Description cards for any minor streets on which the traffic incurs delay are inputted. The cards must contain all the data from LA to LTFLG. The link association number, LA, indicates which of the intersection links the particular link intersects. The endpoints XL1 and YL1, are the endpoints of the intersection end of the minor link. Again, the flag, LTFLG, is zero for yield control and one for stop control on the minor link. The remaining variables are as defined previously (see Example 3). Minor streets can only be modeled if they intersect one of the four intersection links; however, if they do not intersect one of these links, they are presumably at a large enough distance away from the intersection that their contribution to the air quality in the immediate vicinity is negligible.

#### F. Receptor Location Cards

The next type of input card is the Receptor Location card. These cards are illustrated in Table 1 and Figure 2. One card is needed for each receptor, and thus, there must be NR of these cards in any order. The Receptor Location card contains the coordinates XR and YR (with respect to the localized x - y coordinate system), as well as the height, ZR, of the receptor.

#### G. Meteorological Conditions Card

The next type of input card is the Meteorological Conditions card. Only one card is necessary per simulation. Table 1 gives the input data sequence to be followed and the data format. This card contains the following data:

- (1) The wind speed, U (m/sec).
- (2) The wind angle with respect to the positive y-axis (Link 1), BRG (e.g., a wind from due east would be entered as 90°). If a worst case wind angle search is invoked, BRG represents the wind angle increment used in determining the worst case wind angles for each receptor.
- (3) The ambient temperature, AMBT (°F).
- (4) The Pasquill stability class, CLAS (A = 1 to F = 6).
- (5) The atmospheric mixing height, MIXH (m).
- (6) The ambient background concentration, AMB (ppm).
- (7) The surface roughness, Z0 (cm).
- (8) The averaging time, ATIM (min).

To determine atmospheric stability, the nomograph presented in Figure 3 is suggested.<sup>12</sup> Surface roughness may be estimated by use of the values given by Myrup and Ranzieri<sup>11</sup> presented in Table 2. A value of 1000 m is recommended for the mixing height in the absence of better data.

#### H. Zero-Mile Tampering Levels and Deterioration Rates

The zero-mile tampering levels and deterioration rates are required when MOBILE3 is being used as the emissions model and TAMFLG = 0. Data for user supplied tampering rates will depend upon the inspection/maintenance program requested. If an inspection/maintenance program is not invoked and user supplied tampering effects are to be included, the user will need to supply 8



Figure 3

.Stability Class Curves for the TEXIN2 Model

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Type of Surface	Roughness $z_0$ (cm)
Smooth mud flats	0.001
Tarmac (pavement)	0.002
Dry lake bed	0.003
Smooth desert	0.03
Grass (5-6 cm) (4 cm) Alfalfa (15 2 cm)	0.75 0.14 2.72
Grass	11 4
Wheat (60 cm)	22
Corn (220 cm)	74
Citrus orchard	198
Fir forest	283
City land-use: •Single-family residential Apartment residential Office Central-business district Park	108 370 175 321 127

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Table 2Surface Roughnesses for Various Types of Terrain11

tampering rate records. There are two records for each of the four vehicle types that tampering data affect. These records are for zero-mile tampering levels and the percent of tampering increase per 10,000 miles. Tampering is applied to the following vehicle classes: LDGV, LDGT1, LDGT2, and HDGV. The first set of records in the tampering data are the zero-mile levels for each vehicle class. The second set of records in the tampering data file are for the tampering deterioration rates. With no inspection/maintenance, there are four records in each of these sets. However, if inspection/maintenance is invoked, tampering rates for I/M cases must be included in the data file. The I/M records will follow the corresponding record for the non-I/M case. Therefore, there will be a total of 16 records when an inspection/maintenance program is selected along with user supplied tampering data. The FORMAT statement for reading the zero-mile levels is 7F8.4 and the FORMAT for reading the deterioration rates is 7F9.5. The MOBILE3 default tampering data are in BLOCK DATA Subprogram 17 of TEXIN2 for those users who wish to see an example of the layout of the tampering data.

### I. Mileage Accrual/Registration Distribution Cards

The mileage accrual/registration distribution cards are used when local values of those data are available. The model expects these cards in the input data when MYMRFG > 1. When MYMRFG = 2, 16 mileage accrual records must be inserted at this point. Similarly, when MYMRFG = 3, 16 registration distribution records are placed at this location. When MYMRFG = 4, the user must specify both 16 mileage accrual records and 16 registration distribution records with the mileage accrual records being first. The FORMAT statement for each of these records if 10F5.3.

### J. Inspection/Maintenance Program Parameters

The data in the inspection/maintenance record can contain two different types of records depending on the value of IMFLAG. The first type (IMFLAG = 1) requires less user input than the second and uses the MOBILE2<sup>6</sup> I/M credits. The required data for I/M programs are presented below:

- (1) Last two digits of the year of the I/M program implementation, ICYIM (60-99, 00-20)
- (2) Stringency level of the I/M program, ISTRIN (10-50)
- (3) Mechanic training flag indicating whether mechanic training is an integral part of the I/M program:

IMTFLG: 1 = No mechanic training part of I/M 2 = Mechanic training part of I/M

(4) Earliest model year included in the I/M program, MODYR1 (41-99, 00-20)

- (5) Latest year model included in the I/M program, MODY R2 (41-99, 00-20, but not earlier than the value in item 4)
- (6) The type of vehicles to be affected by the I/M:

ILDT: 1 = LDGV 2 = LDGV and LDGT1 3 = LDGV and LDGT2 4 = LDGV and LDGT1 and LDGT2

(7) The type of I/M test being implemented for 1981 and later light duty vehicles:

ITEST: 1 = Idle test 2 = Two-speed idle test 3 = Loaded test

(8) The standards used in conjunction with the I/M short test for 1981 and later light duty vehicles:

ICUTS : 1 = 0.5% CO 2 = 1.2% CO 3 = 3.0% CO

The format statement for this record is: 2(I2,1X),I1,1X,2(I2,1X),3(I1,1X). If *IMFLAG* is set to one, the user must specify the first five of the above parameters. If *IMFLAG* is two, all of the above parameters must be specified. Setting *IMFLAG* = 1 corresponds to the following: *ILDT* = 1, *ITEST* = 1, and *ICUTS* = 3.

## K. Vehicle Scenario Card

The next input card required is the Vehicle Scenario card. The data on this card are described in Table 1 and are illustrated in Figure 2. Only one card is needed per simulation. The card contains the following information:

(1) The region being modeled:

- (2) The last two digits of the calendar year being modeled, ICY.
- (3) The percent of non-catalyst equipped vehicles in the cold start mode, PCCN.
- (4) The percent of catalyst equipped vehicles in the hot start mode, PCHC.
- (5) The percent of catalyst equipped vehicles in the cold start mode, PCCC.
- (6) The VMT mix for the eight individual MOBILE3 vehicle types:

LDGV: Light duty gasoline vehicles

LDGT1: Light duty gasoline trucks with a gross vehicle weight rating (GVWR) of less than 6001 lbs

LDGT2:	Light duty gasoline trucks with a gross vehicle weight rating (GVWR)
	of less than 8501 lbs
HDGV:	Heavy duty gasoline vehicles
LDDV:	Light duty Diesel vehicles
LDDT:	Light duty Diesel trucks
HDDV:	Heavy duty Diesel vehicles
MC:	Motorcycles.
	-

The VMT mix is only needed if a value of one (1) is inputted for VMFLAG on the Flags card. If the VMT mix is not supplied, the MOBILE3 default VMT mix will be utilized. For those users that desire to use the MOBILE3 percent hot/cold starts, enter 20.6%, 27.3%, and 20.6% for PCCN, PCHC, and PCCC, respectively.

## L. Optional Air Conditioning, Extra Loading, and Towing Corrections

The optional emission factor correction cards are required when ALHFLG > 1. When ALHFLG > 1 the following data are needed:

- (1) AC usage factor. This factor is used as a toggle switch for air conditioning adjustments. When AC is greater than zero (but less than or equal to 1), MOBILE3 calculates the percentage of vehicles with AC in use.
- (2) Extra loading fractions. Three extra loading fractions (for LDGV, LDGT1, and LDGT2) are required when ALHFLG > 1. These values are the fractions of each vehicle type with an extra 500 lb load. These fractions must be in the range of zero through one.
- (3) Trailer towing fractions. When ALHFLG = 2, this value is the fraction of light duty vehicles and trucks towing a trailer. When ALHFLG = 3, there are three separate towing fractions, one for each vehicle type (LDGV, LDGT1, and LDGT2).
- (4) Dry bulb temperature in °F (ALHFLG = 3).
- (5) Wet bulb temperature in °F (ALHFLG = 3).

When ALHFLG = 2 and air conditioning corrections are applied (as indicated by  $0 < AC \le 1$ ), the dry and wet bulb temperatures default to 85°F and 75°F (about 63% relative humidity at 1 atm), respectively. Note that the dry bulb temperature must never be less than the wet bulb temperature. Furthermore, the range on the temperature is 0°F to 110°F. The format statement for this record is 5F4.3 when ALHFLG = 2 and 7F4.3,2F4.1 when ALHFLG = 3.

## M. ATP Program Characteristics Records

These records must be the last cards for an individual run when EMFLG = 4. As stated in the previous chapter, the ATP program option requires three trials of MOBILE3. The first of these does not consider ATP data. The second is for the 1968 to 1979 vehicle fleets. The last is for the 1980 to 2020 vehicle fleets. When an ATP program is employed, the two records that describe each ATP program must contain the following information:

- (1) Last two digits of the year of ATP implementation, LAPSY (60-99, 00-20)
- (2) First model year to be included in the ATP, LAP1ST (41-99, 00-20)
- (3) Last model year to be included in the ATP, LAPLST (41-99, 00-20)
- (4) Vehicle classes covered by the ATP (LVTFLG). If a vehicle class is covered, the value must be two. If the class is not covered, the value must be set to one. Four vehicle classes can be covered by an ATP: LDGV, LDGT1, LDGT2, and HDGV. The values for each class are given in that order without any spaces between the numbers.

Further information on the implementation of anti-tampering programs is given in Appendix A. The format statement for this record is I2,1X,I2,1X,I2,1X,I4.

## N. Idle Emission Factor Estimate Card

The idle emission factor record must be present when EMFLG = 2. Under these conditions, the user is using the short-cut emissions routine with the idle emission factor being specified. This emission rate is in gm/min.

## **O.** Additional Notes Concerning Multiple Simulations with TEXIN2

The TEXIN2 model is capable of running multiple simulations without total program restart. This is done by simply appending the input for all subsequent runs to the bottom of the main input file attached to logical unit number (LUN) five of the model. Each run should be treated as if it were the only simulation desired. The model contains a subroutine called RESET that is used to change all modified parameters (*e.g.*, the VMT mix) back to the default parameters before executing any subsequent simulation. Furthermore, any external file opened to satisfy MOBILE3 options is closed before the next run. Therefore, each TEXIN2 run that uses a MOBILE3 option requiring an external file will need to specify the file name in the input data of that run. The use of these external files is explained in Appendix A.

## P. Discussion of Output

The output from the TEXIN2 model is variable, depending on the value inputted on the Flags card for the integer variable, PRTFLG. Three different output formats are available. They are:

- (1) The abbreviated output (PRTFLG = 0)
- (2) The basic output (PRTFLG = 1)
- (3) The extended output (PRTFLG = 2).

The abbreviated output consists of a summary of the input meteorological and intersection parameters as well as a listing of the pollutant concentration at each receptor. In addition, the basic output also contains a summary of all the input data to the program, including the MO-BILE3 options invoked, as well as a description section for both the physical links and constructed pseudolinks. The extended output contains all that is included in the abbreviated and basic outputs along with a section summarizing the intersection traffic flow analyses, including the volume to capacity ratio (V/C), stopped delay per vehicle, *etc.* The extended output also includes the MOBILE3 emission factors and the contribution from each link to the pollutant concentration at each receptor.

For a four-way stop, the type of output is controlled by both INTFLG and PRTFLG. With INTFLG = 2, the model will print a traffic analysis report for the intersection. This analysis will not be printed for INTFLG = 3. Extended output for the 4-way stop configuration may be obtained with PRTFLG = 2 as in the other scenarios. Requesting extended output will generate a report on the link contributions to the pollutant estimates.

If a worst case wind angle analysis is desired, the sections containing the contribution from each link to the receptor concentrations and the receptor concentrations for a specific wind angle are not printed. For the worst case option, these sections have been replaced by a section containing the angles that yield the highest carbon monoxide concentrations for each receptor. The resulting carbon monoxide concentrations for each of these wind angles are also printed. If WCFLAG = 3the output will include predictions at each wind angle increment. For this case, the amount of output will depend upon the value chosen for BRG.

## Chapter 4

## **TEXIN2** Examples

Six examples have been prepared and are presented in order to facilitate the understanding of the capabilities and use of the TEXIN2 model. Many of the cards in the example input data contain comments near the end of the record. These comments are soley to aid in understanding the input sequence. They are not read by the model and hence do not affect the output.

## A. Example One

The first example is the simple case of an intersection with four right angle corners. All four legs extend 1000 m from the intersection and are geometrically identical having two approach lanes, one exclusive left turn lane, and no right turn lanes. Each leg is 15 m wide and the area may be considered an at-grade scenario. The simulated intersection is presented in Figure 4. All major link numbers are circled on the overhead view.

The input cards for example one are presented in Figure 5. The first two cards are the Heading and the Flags cards. Note that VMFLAG is zero indicating that the MOBILE3 default VMT mix is to be used. Flag INTFLG is set to one indicating a signalized intersection. Extended output is required so PRTFLG is set to two. The carbon monoxide concentration at two receptors (NR = 2) is desired and no additional links are needed in the simulation (NNDL = NDL = 0). The signalization is eight phase (NP = 8) with an 80 sec cycle length (CY = 80.). The MOBILE3 emissions routine without anti-tampering programs is used to estimate the emissions (EMFLG = 3). No I/M program is to be invoked (IMFLAG = 0) and national default tampering rates are employed (TAMFLG = 1). Since the example is not modeling a T-intersection, TFLAG is set to one indicating that MOBILE3 default mileage accrual and registration distributions are to be employed. No optional correction factors are used so ALHFLG = 1 and the worst case wind angle analysis has been disabled by setting WCFLAG = 1.

The next four cards are Link Description cards which describe the four intersection legs. Note that XL1 and YL1 are the endpoints at the intersection end of the link (*i.e.*, (0.,0.) for all four links in this simulation), and that XL2 and YL2 are the upstream end of the links, 1000 m from the origin (*i.e.*, (0.,+1000.), (+1000.,0.), (0.,-1000.), and (-1000.,0.) for links one through four, respectively). The links are all at-grade (TYP = AG and HL = 0.0) and 15 m in width (WL = 15.0). All four links have two approach lanes (NLN = 2), one exclusive left turn lane (NLTL = 1), and no exclusive right turn lanes (NRTL = 0). A value of unity is given on each card for the integer variable LTFLG, indicating a left turn phase for all four approaches. The lane width for both through and left turn lanes is set to the standard width of 3.66 m (12 ft) on





Overhead View of the Intersection in Example 1

all legs. The approach volumes, vehicle speeds, and fractions of left and right turning vehicles for the individual links are as given on the Link Description cards in Figure 5; thus, for the first link: traffic volume on link, VPHI = 950; vehicle speed, VSP = 45.; fraction left turning, FLT = 0.25; fraction right turning, FRT = 0.15.

Since there are no additional links to be modeled (NNDL = NDL = 0), the next input cards are the Receptor Location cards giving the geometric coordinates of the two receptors. There is one card per receptor. For the first card (receptor x, y, z-coordinates), XR = +20., YR = +20., and ZR = 2., and for the second receptor, XR = -20., YR = +20., and ZR = 2. Following this record is the Meteorological Conditions card. The wind speed is 3 m/sec (U = 3.0). The wind direction measured clockwise from the positive y-axis is  $135^{\circ}$  (BRG = 135.). The ambient temperature is  $68^{\circ}F$  (AMBT = 68.0) and the atmospheric stability class is D (CLAS = 4). The mixing height is taken as 1000 m (MIXH = 1000.), the background concentration as zero (AMB = 0.0), the surface roughness as 150 cm (ZO = 150.0), and the averaging time as 60 min (ATIM = 60.0). These data are illustrated in Figure 5.

The final card is the Vehicle Scenario card. The region being modeled is a low-altitude, non-California region (IREJN = 1). The year being modeled is 1980, thus ICY = 80. The percentages of hot/cold starts are: PCCN = 25.0, PCHC = 35.0, and PCCC = 25.0. Since VMFLAG was set to zero on the flags card, no VMT mix data are supplied by the user.

Figure 6 gives the output from Example One in the extended format. The first section gives the run title and a summary of the meteorological and intersection parameters. Next, the MOBILE3 emission factor and traffic flow data are summarized. Following this are the traffic parameters for each link. The predicted carbon monoxide concentrations at the receptors (including the back-ground concentration) are presented in the final section of the output.

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User's Guide Example One for the TEXIN2 Model—Signalized Intersection 0 2 1 2 0 0 8 80. 1 0 3 0 0 1 1 1 Flags Card 0. 0. 1000.AG15.0 0. 950. 45. 2 1 0 .25 1 0. .15 1 3.66 3.66 0. 0.AG15.0 0. -1000.AG15.0 00. 0.AG15.0 0. 1250. 35. 2 1 0 .15 0. 950. 45. 2 1 0 .25 .10 1 3.66 3.66 .15 1 3.66 3.66 2 0. 0. 1000. 0. 3 0. 0. 1250. 35. 2 1 0 .15 .10 1 3.66 3.66 4 0. 0. -1000. Receptor 1: XR, YR, ZR Receptor 1: XR, YR, ZR Meteorological Conditions 20. 20. 2. 2. -20. 20. 3. 135. 68. 4 1000. 0. 150. 60. 35. 25. Vehicle Scenario 1 80 25.

## Figure 5

## Input Data Cards Used in Example 1

******	**************************************														
TITLE: METEOR Wind S Wind B Temper	User DLOGICA peed earing ature	's Guid AL CONDI = 3.0 = 135. = 68.0	de Examp ITIONS: m/s deg F	) le One for	, the TEXI Stabil Mixing Ambien	N2 Mode ity Cla Height	ss entrat	gnalize = 4 = ion = (	d Inters (D) 1000. m 0.0 ppm	ection	Surface   Averaging	Roughness g Time	s = 150. = 60.	cm min	
INTERS Type Delay Inters	Temperature = 68.0 F Ambient Concentration = 0.0 ppm INTERSECTION INFORMATION: Type = Signalized Cycle Length = 80.0 sec Signal Phases = 8 Delay Links = 0 Non-Delay Links = 0 TFLAG = 0 Intersection Calculational Procedure: CMA Planning														
							-LINK	SUMMAR	Y						
	<u>Link</u>	Туре	<u>Width</u>	Height	VPHI	VSP	NLN	NLTL	NRTL	<u>Flt</u>	<u>FRT</u>	LTFLG	<u>THWIDE</u>	LTWIDE	
	1	AG	15.0	Ο.Ο	950.	45.0	2	1	0	. 2500	. 1500	1	3.66	3.66	
	2	AG	<b>15</b> .0	<b>O</b> . <b>O</b>	1250.	35.0	2	1	0	. 1500	. 1000	1	3. <b>66</b>	3.66	
	з	AG	15.0	0.0	950	45.0	2	1	0	. 2500	. 1500	1	3.66	3.66	
	4	AG	15.0	<b>O</b> . <b>O</b>	1250.	35.0	2	1	0	. 1500	. 1000	1	3.66	3.66	

•

**TEXIN2** Output for Example 1

				-MOBILES EM	IISSION CAL	CULATIONS-	*****	******		
User supplied	VMT mix: No		User	supplied T	ampering c	ata: No	Inspe	ction/Main	ntenance;	No
Antı-tamperın	g program: No		User -MOBILE3	Supplied m	ACTORS (GRA	rual: No MS CO/VEHI	User CLE MILE)-	supplied i	registrati	on data: No
	Scenario	D: Region Year PCCN PCHC PCCC Altitu	= 1 = 1980 = 25.0 = 35.0 = 25.0 te = 500.0	Ver D ft	nicle Mix:	LDGV = 0. LDGT1= 0. LDGT2= 0. HDGV = 0.	666 133 088 040	LDD LDD HDD MC	/ = 0.005 [ = 0.001 / = 0.060 = 0.007	
Speed	LDGV	LDGT 1	LDGT2	HOGV	LDDV	LDDT	HDDV	MC	LDGT	All Modes
45.0	22.0	29.8	37 5	90.7	0.7	1.1	7.1	15.7	32.8	26.1
<b>35</b> .0	27.9	36.6	47.2	100.3	0. <b>8</b>	1.3	8.3	19.2	40.8	32.3
10.0	94.6	117.9	165.9	337.1	2.5	4.2	27.0	62.2	137.0	108.8
			MOBI	LE3 IDLE EN	ISSION RAT	E (GRAMS C	O/MIN)			
	LDGV 12.6	LDGT 1 13.2	LDGT2 14.6	HDGV 9.4	 0.2	O_3	HDDV 0.9	<u>МС</u> 3.7	LDGT 13.8	<u>All Modes</u> 11.9

**TEXIN2** Output for Example 1 (Continued)

•

Volume/Capacity= 0.95 Stopped Pelay= 37.7 sec/veh Approach Delay= 51.0 sec/veh Time in Queue= 47.7 sec/veh Fraction Stopping= 0.80

.

Fraction of Excess Emissions Due to: Vehicles Idling= 0.32 Vehicles Turning= 0.06 Vehicles Stopping & Slowing= 0.61

Link	<u>XL 1</u>	<u>YL 1</u>	XL2	YL2	Length	VEH/HR	Speed	MGM CO/M-SEC
1	0.0	0.0	0 - 0	1000.0	1000.0	1832.	45.0	8.26
2	0.0	0.0	1000.0	0.0	1000.0	2567.	35.0	14.30
З	0 0	0.0	0.0	- 1000 , 0	1000.0	1832.	45.0	8.26
4	0.0	0.0	-1000.0	0.0	1000.0	2567.	35.0	14.30
5	0.0	0.0	0.0	67.4	67.4	1832.	45.0	86.93
6	0.0	0.0	88.7	0.0	88.7	2567.	35.0	95.33
7	0.0	0.0	0.0	-67.4	67.4	1832.	45.0	86.93
8	0.0	0.0	-88.7	0.0	88.7	2567.	<b>35</b> .0	95.33

## Figure 6

			LINK P	OLLUTANT	CONTRIBU	JTION			 
Contribution from each	link to p	ollutant d	concenti	nation a	t recepto	or 1:			
Link Number:	1	2	з	4	5	6	7	8	
Contribution (ppm):	0.0	0.8	0.0	0.0	0.0	5.3	0.0	0.0	
Contribution from each	link to p	ollutant d	concenti	ration a	t recepto	or 2:			
Link Number:	1	2	3	4	5	6	7	8	
Contribution (ppm):	0.3	0.4	0.2	0.5	2.8	2.4	2.1	3.1	

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	RECEPTOR D	ESCRIPTION AND MODEL	PREDICTIONS		
Receptor	XR	YR	ZR	<u>CO (ppm)</u> *	
1	20.0	20.0	2.0	6.1	
2	<b>~20</b> .0	20.0	2.0	11.8	
*Includes Ba	ackground Ambient Conce	ntration of 0.0 ppm			



#### **B.** Example Two

The second example is an unsignalized intersection that illustrates the ability of the model to simulate curved roadways. This example also presents the use of some of the MOBILE3 options. The intersection corresponding to this example is given in Figure 7.

A value of one for VMFLAG (user-supplied VMT mix), two for PRTFLG (extended output), and zero for INTFLG is placed on the Flags card. Since six additional links are required to model the curved sections of the roadway, NNDL is set to six. Since the intersection is not signalized, NP and CY are set to zero. Pollutant concentrations at three receptors (NR = 3) are desired and there are no additional links on which traffic incurs delay (NDL = 0). Since the intersection is unsignalized, CMAFG has no effect on the model. Therefore, CMAFG may be set to either zero or one. The intersection has four major links (TFLAG = 0). A MOBILE3 anti-tampering program is to be used and a user-supplied registration distribution (MYMRFG = 3) is employed. The anti-tampering program for the 1968-1979 span is presented in Figure 9 and the program for the 1980-2020 span is presented in Figure 10. The registration distribution data are presented in the data file (Figure 8) before the vehicle scenario card. No optional correction factors are used in this example (ALHFLG = 1) and the worst case wind angle analysis is not being used (WCFLAG = 1).

The next two cards are for subroutine OPENER (see Appendix A). These two cards contain the file names of the data for the ATP. The first file name corresponds to the 1968–1979 ATP data and the last file name corresponds to the 1980–2020 data. Complete details on the use of MOBILE3 ATP data are given in Appendix A. The anti-tampering programs used in this example are extracted from Appendix B on pages B-28 and B-34 for the early and late programs, respectively.

The next four cards are the Link Description cards. For an unsignalized intersection, the coordinate system must be chosen so that the major road lies along the y-axis (and thus assigned to links one and three). Traffic on the major roadway is assumed to not incur delay (except for left-turning vehicles). Values of LTFLG are not significant for the major road (links 1 and 3), but are necessary for the minor road (links 2 and 4). A value of one is given for LTFLG for the minor road indicating stop sign controlled approaches. The next six cards are for the additional links required to fit the curves. The first variable on each of these cards is LA, the link association number, and indicates from which of the four intersection links the additional links extend. In this example, three of the links have LA = 2 and three have LA = 4 since they are extensions of the minor road. Since the traffic on these links is assumed to incur no delay, they must be sufficiently distant from the intersection. The variables VPHI and LTFLG are not needed for the NNDL links and are omitted from the Link Description cards.

Following the Receptor Location and Meteorological Conditions card are the user-specified registration distributions. There must be a total of 16 of these records. If mileage accrual data



Figure 7 Overhead View of the Intersection in Example 2

User	's Guid	ie Exa	naple Two f	for the TEX	IN2 🖬	ode I —	-Curv	/ed R	oadways				
1	20	36	000.	10400	311			Flag	s Card				
ATP4	9												
ATP5	51												
1	0.	0	. 0.	400.AG17.	5 0.	450	. 35.	2 1	0.10	. 10	03.	. 66	3.66
2	0.	0	. 200.	0.AG14.	0 0.	100	. 35.	. 10	0.20	.15	1 3.	. 66	3.66
3	0.	0	. 0.	-400.AG17.	5 0.	350	. 35.	2 1	0.10	. 10	03.	. 66	3.65
4	0.	0	200.	0.AG14.	0 0.	125	. 35.	10	0.20	. 15	1 3.	. 66	3.66
2	200.	0	. 285.	20.AG14.	0 0.			NNDL	Link				
2	285.	20	. 360.	70.AG14.	0 0.			NNDL	Link				
2	360.	70	. 390.	130.AG14.	0 0.			NNDL	Link				
4	-200.	0	295.	-20.AG14.	0 0.			NNDL	Link				
4	-295	-20	-360	-60.AG14.	0 0.			NNDL	Link				
4	-360	-60	-400	-120.AG14.	0 0.			NNDL	Link				
2	00.	20.	2.					Recei	otor 1:	XR. Y	rr. ZF	2	
_	20.	20.	2.					Recei	otor 2:	XR. Y	rr. ZF	ž	
-3	00.	0.	2.					Recei	otor 3:	XR. Y	rr. ZF	ž	
2	. 120.	68. 3	3 1000.	0. 150.	60.			Mete	orologi	cal Co	onditi	ons	
0.06	50.0830	. 0980	0970.0850	. 0990 . 0970	.0840	. 0690 .	044	JULM	R.LDGV		aes	-10	)
0.04	30.0370	. 0260	0200.0150	0110.0080	.0060	. 0050	008		LDGV	may c		1-2	0
0.06	80.0870	. 1120	0950.0670	. 0930 . 0860	.0770	.0590	036		LDGT	1. nav c		-10	Ĩ
0.04	10.0360	. 0280	0240.0200	0170.0140	.0100	0080	022		LDGT	1.m.v. c	ages 1	1-2	0
0.07	60.0980	. 1260	1070.0750	1040.0970	. 0830	.0610	036		LDGT	2. nev (		-10	
0.03	60.0280	.0190	0150.0110	. 0080 . 0060	.0040	.0030	007		LDGT	2. may (		1-2	0
0.03	30.0570	. 1040	1050.1010	1250.1000	.0750	.0470	046		HDGV			-10	,
0.04	70.0410	.0280	0180.0100	.0080.0070	. 0060	.0050	037		HDGV			1-2	0
0.06	50.0830	. 0980	0970.0850	. 0990 . 0970	.0840	0690	044		LDDV			-10	)
0.04	30.0370	. 0260	0200.0150	.0110.0080	. 0060	. 0050	008		LODV			1-2	0
0.06	80.0870	. 1120	0950.0670	. 0930 . 0860	.0770	.0590	036		LDDT		ages 1	-10	ĩ
0 04	10 0360	0280	0240 0200	0170.0140	0100	0080	022					1-2	0
0.03	60 0440	0850	1260 0930	1180.0980	10.30	0470	055		HDDV			-10	
0 04	90 0450	0290	0170 0000	0070 0060	0050	0040	023		HDDV			1-2	0
0.13	30 1450	1.380	1160 1230	1149 0690	0440	0240	000		MC	nav c		-10	
0.08	50.0000	0000	0000 0000	0000 0000	.0000	0000	000		MC		laes 1	1-2	0
1 75	39.2	44.5	37 8 7	47 126	081	022	00	4 0	901 O	12 0	307	-	-
84 6	8 79 22	21	U/.U ./					ATP	arams.	1968-	-1979		
84 8	0 20 22	21						ATP		1980-	-2020		
57 0	~ ~~ ~~	- I						- II - F	var und .		2020		

Figure 8 Input Data Cards Used in Example 2

· <del>-</del>

4															
		NUAI	· 1	NS	PECT	AIR	PUMP	. (		TFR &	PCV				
	/ <b>1</b> 1		• •					•			101				
ō	20	.00		00	.00	.0	0	00	. 00	. 00	. 00	. 00	. 00	ATR/CAT	(PREVIOUS)
•	.00	0.20		00	.00	. õ	å i	00	.00	.00			.00	ATR/NCK	(
	.00	. 00	0	20	.00	.0	õ.	00	.00	.00	. 00	. 00	.00	AIR/TNK	
	.00	.00		00	0.20	.0	0	00	.00	.00	.00	.00	.00	AIR/CAT/	/NCK
	.00	.00		00	. 00	0.2	<b>0</b>	00	.00	.00	.00	. 00	.00	AIR/CAT	TNK
	.00			00	0.80	ō	0 1.	00	.00	.00	.00	.00	.00	CAT/NCK	
	.00	.00		00	. 00	0.8	0	00	1.00	.00	.00	.00	.00	CAT/TNK	
	.00	.00		00	.00	.0	0	00	. 00	0.20		. 00	.00	AIR	
0	80	.00	•	88	. 00	.0	0	88	. 00	00	1 00	. 00	. 00	CAT	
•	.00	0 80		88	. 00	Ö	<b>Ř</b>	88	.00	.00		1 00		NCK	
		00	ດ່	80	. 00	Ő	ดิ่	aa		. 00	. 00		1 00	TNK	
ø	20	. 00	• ·	ãã		. A	ดิ่	aa		. 00	. 00	. 00		AIR/CAT	(SUBSEQUENT)
Ŭ	. 60	0 20	•	ãã		. a	ă i	àà		. 00	. 00	àà	àà	ATR/NCK	(0000240211)
	. 00 88	0. L0	ດ່	20		ă	a i	àà		àà	. 00	. 00	. 00	AIR/TNK	
	. 00 88	. 00	•.	ãã	a 20	ă	a .	àà	. 00	. 00	. 00		. 00	ATR/CAT	/NCK
	. 00 AA	. 00	•	aa	0.20 AA	A 2	a i	àà	. 00	. 00	. 00	. 00	. 00	AIR/CAT	TNK
	. 00 AA	. 00	•	aa	A 84	0.2	a 1 /	aa	. 00	. 00	. 00	. 00	. 00	CAT/NCK	
	. 00 	. 00	•	aa	0.00	A 8	a	aa	1 00	. 00	. 00	. 00	.00	CAT/TNK	
	. 00 88	. 00	•	aa	. 00	0.0	a .	20	00	A 20	. 00	.00	. 00	ATP	
a	80	. 00	٠	20	. 00	. 0	a .	20	.00	0.20	1 00	. 00	. 00	CAT	
v	00	A 80	•	20	. 00	. 0	a .	20	. 00	. 00	00	1 00	.00	NCK .	
	00	0.00	•	00		. 0	0 . U	20				1.00	1 00	TNE	
	. 00	. 00	•	90	. 00	. 0	σ.ι	00	. 00	. 00	. 00	. 00	1.00	I INFN	

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Figure 9 1968–1979 MOBILE3 Anti-Tampering Program

4 ANNUAL : INSPECT AIR PUMP, CATALYST, FUEL INLET (AND PLUMBTESMO), \*\* CANISTER & PCV .. .. . 00 . 00 . 00 . 00 . 00 0.05 . 00 . 00 .00 . 00 . 00 AIR/CAT (PREVIOUS) AIR/NCK .00 0.20 .00 0.15 .00 . 00 .00 .00 . 00 .00 .00 AIR/TNK . 00 .00 0.20 .00 0.15 . 00 . 00 . 00 .00 .00 .00 . 00 . 00 .00 0.05 .00 . 00 .00 .00 . 00 . 00 .00 AIR/CAT/NCK AIR/CAT/TNK .00 . 00 . 00 . 00 .00 . 00 .00 0.05 .00 .00 .00 . 00 . 00 CAT/NCK . 00 . 00 . 00 . 00 0.05 . 00 . 00 . 00 . 00 . 00 .00 .00 .00 .00 .00 0.05 . 00 .00 .00 .00 CAT/TNK 0.15 . 00 . 00 .00 . 00 .00 .00 0.20 . 00 . 00 . 00 AIR . 00 .00 .00 . 00 .00 . 00 . 00 . 00 0.05 . 00 .00 CAT .00 0.05 NCK .00 0.05 . 00 0.20 . 00 . 00 . 00 0.25 . 00 . 00 . 00 0.05 . 00 0.05 . 00 0.20 .00 .00 .00 0.25 TNK 0.05 .00 . 00 . 00 . 00 .00 AIR/CAT (SUBSEQUENT) .00 . 00 . 00 . 00 .00 . 00 0.15 .00 0.10 . 00 .00 .00 .00 .00 . 00 .00 AIR/NCK .00 0.15 0.10 . 00 AIR/TNK .00 . 00 .00 .00 .00 . 00 . 00 AIR/CAT/NCK . 00 . 00 .00 0.05 . 00 .00 . 00 . 00 .00 . 00 . 00 . 00 . 00 . 00 .00 0.05 . 00 .00 . 00 .00 AIR/CAT/TNK .00 .00 . 00 .00 . 00 . 00 . 00 0.05 . 00 . 00 . 00 . 00 .00 CAT/NCK . 00 .00 . 00 . 00 0.05 .00 . 00 .00 . 00 CAT/TNK . 00 . 00 . 00 . 00 0.15 0.05 0.05 0.05 0.20 . 00 0.05 .00 . 00 AIR .00 . 00 . 00 .00 .00 .00 . 00 .00 0.05 .00 .00 CAT .00 .00 .00 0.15 . 00 NCK . 00 . 00 0.10 . 00 . 00 .00 .00 .00 . 00 . 00 . 00 .00 0.10 . 00 . 00 .00 0.15 TNK

Figure 10 1980-2020 MOBILE3 Anti-Tampering Program

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were also to be supplied, the user would need to place those 16 records immediately before the registration distribution data. The next card is the Vehicle Scenario card. Since a value of one was placed on the Flags card, the user must specify a VMT mix. For this example: LDGV = .747, LDGT1 = .126, LDGT2 = .081, HDGV = .022, LDDV = .004, LDDT = .001, HDDV = .012, and MC = .007. Following the vehicle scenario card are the two anti-tampering characteristics records. The first record describes the first ATP and the second record the second ATP.

The output from this example is presented in Figure 11. The first item on the output is a summary of the meteorological and intersection input data. Next, the MOBILE3 emission data are printed along with the anti-tampering program characteristics and comments. A traffic flow analysis of the major intersection then follows along with link descriptions and finally, the receptor pollutant concentrations.

TITLE: User's Guide Example Two for the TEXIN2 Model--Curved Roadways

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METEDROLOGICAL CONDITIONS

Wind Speed = 2.0 m/s	Stability Class	= ;	<b>3</b> (C)	Surface Roughness	=	150.	CM
Wind Bearing = 120. deg	Mixing Height	=	1000.m	Averaging Time	=	60.	min
Temperature = 68.0 F	Ambient Concentration	=	0.0 ppm				

INTERSECTION INFORMATION:

Type Delay	Links	= Unsig = 0	ynalized		Cycle Non-De	Length lay Lin	ks - LTNK	= = (	0.0 sec		Signal PI TFLAG	nases	= 0 = 0		
								SUMMAR							
	<u>Link</u>	Түре	Width	Height	<u>VPHI</u>	VSP	<u>NLN</u>	NLTL	NRTL	<u>FLT</u>	FRT	LTFLG	THWIDE	LTWIDE	
	1	AG	17.5	0.0	450.	<b>35</b> .0	2	1	ο	. 1000	. 1000	0	3.66	3.66	
	2	AG	14.0	0.0	100.	35.0	1	0	ο	. 2000	. 1500	1	3.66	3.66	
	Э	AG	17.5	0.0	350.	35.0	2	1	0	. 1000	. 1000	о	3.66	3.66	
	4	AG	14.0	0.0	125.	<b>35</b> .0	1	0	0	. 2000	. 1500	1	3,66	3.66	

**TEXIN2** Output for Example 2

			1	-MOBILES E	MISSION CAL	CULATIONS-	******			************
User suppli Anti-tamper	ed VMT mix ing progra	: Yes m: Yes	User User	supplied supplied	Tampering o mileage acc	lata: No rual: No	Inspe User	ction/Mai supplied	ntenance: I registratio	No on data: Yes
			MOBILE3	EMISSION F	ACTORS (GRA	MS CO/VEHI	CLE MILE)-			
	Sce	nario: Regio Year PCCN PCHC PCCC Altit	on = 1 = 1975 = 39.2 = 44.5 = 37.8 ute= 500.0	Vel Oft	hicle Mix:	LDGV = 0. LDGT1= 0. LDGT2= 0. HDGV ∓ 0.	747 126 081 022	LDD' LDD HDD MC	/ = 0.004 = 0.001 / = 0.012 = 0.007	
Spee	d LDG	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	LDGT	All Modes
35.	0 49.	3 51.3	64. <b>8</b>	124.3	O.8	1.4	8.6	27.8	56.6	51.6
10	0 162.	3 169.4	215.6	4177	27	4.6	27.8	74.8	187.4	170.1
			MOBI	LE3 IDLE E	MISSION RAT	E (GRAMS C	O/MIN)			
	LDG 16.	U LDGT1 0 16.7	LDGT2 17.0	HDGV 14.6	O_1	O.3	HDDV 1.0	<u>MC</u> 4.5	LDGT 16.8	All Modes 15.8

**TEXIN2** Output for Example 2 (Continued)

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Start year (January 1):, 1984 First model year covered: 1968 Vehicle types covered: LDGV , LDGT1, LDGT2 \*\* \*\* \*\* \*\* \*\* ANNUAL : INSPECT AIR PUMP, CANISTER & PCV \*\*

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			-MOBILE3 E	MISSION FA	CTORS (GRA	MS CO/VEHI	CLE MILE)-			
<u>Spee</u> d	LDGV	LDGT 1	LDGT2	HDGV	LDOV	LDDT		MC	LDGT	All Modes
35.0	49.3	51.3	64. <b>8</b>	124.3	0. <b>8</b>	1.4	8.6	27.8	56.6	51.6
10.0	162.3	169.4	215.6	417 7	2.7	4.6	27.8	74.8	187.4	170.1
			MOBIL	E3 IDLE EM	ISSION RAT	E (GRAMS C	O/MIN)			
	LDGV 16.0	LDGT 1 16 7	LDGT2 17.0	HDGV 14.6	<u>LDDV</u> 0.1	LDDT 0.3	HDDV 1.0	<u>MC</u> 4.5	LDGT 16.8	All Modes 15.8



**TEXIN2** Output for Example 2 (Continued)

•

			MOBILE3	Anti-Tampering	Program Data			
Start year	(January	1): 1984	First mode)	yean covered:	1980	Last model	year cover <b>ed</b> :	2020
		Vehicle types cov ** ** ANNUAL : INSPE ** CANIS	Vered: LDGV ECT AIR PUMP, CA STER & PCV	, LDGT1, LDGT2 Atalyst, fuel 1	2 NLET (AND PLU	UMBTESMO),		

			-MOBILE3 E	MISSION FA	CTORS (GRAM	S CO/VEHIC	CLE MILE)-				
Speed	LDGV	LDGT 1	LDGT2	HDGV	עמסו		нору	MC	LDGT	All Modes	
<u> </u>				1104						ATT MODES	
<b>35</b> .0	49.3	51.3	64.8	124.3	<b>0</b> . 8	1.4	8.6	27.8	56.6	51.6	
10.0	162.3	169.4	215.6	417.7	2.7	4.6	27. <b>8</b>	74.8	187.4	170.1	

MOBILE3 IDLE EMISSION RATE (GRAMS CO/MIN)

LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT		MC	LDGT	All Modes
16.0	16.7	17.0	14.6	0.1	0.3	1.0	4.5	16.8	15.8



•

For Link 1: Reserve Capacity= 729, veh Stopped Delay= 0.0 sec/veh Approach Delay= 1.3 sec/veh Time in Queue= 0.0 sec/veh Fraction \$topping= 0.00

For Link 2: Reserve Capacity= 106. veh Stopped Delay= 33.6 sec/veh

Approach Dełay= 45.5 sec/veh Time in Queue= 42 5 sec/veh Fraction Stopping= 1.00

For Link 3: Reserve Capacity= 659. veh Stopped Delay= 0.5 sec/veh Approach Delay= 1.9 sec/veh Time in Queue= 0.0 sec/veh Fraction Stopping= 0.00

For Link 4: Reserve Capacity= 89. veh Stopped Delay= 34.7 sec/veh Approach Delay= 47.0 sec/veh Time in Queue= 43.8 sec/veh Fraction Stopping= 1.00 Fraction of Excess Emissions Due to: Vehicles Idling= 0.00 Vehicles Turning= 0.05 Vehicles Stopping & Slowing= 0.95

Fraction of Excess Emissions Due to: Vehicles Idling= 0.30 Vehicles Turning= 0.01 Vehicles Stopping & Slowing= 0.69

Fraction of Excess Emissions Due to: Vehicles Idling= 0.01 Vehicles Turning= 0.05 Vehicles Stopping & Slowing= 0.94

Fraction of Excess Emissions Due to: Vehicles Idling= 0.34 Vehicles Turning= 0.01 Vehicles Stopping & Slowing= 0.64

## Figure 11

<u>Link</u>	<u>    ¥L 1                               </u>	YL 1	XL2	YL2	Length	VEH/HR	Speed	MGM_CO/M-SEC
1	0.0	0.0	0.0	400.0	400.0	770.	35.0	6,86
2	0.0	Ο.Ο	200.0	0 0	200.0	261.	35.0	2.33
3	0.0	0.0	0.0	-400.0	400.0	749.	35.0	6.67
4	0.0	0.0	-200.0	0.0	200.0	270.	35.0	2.40
5	0.0	0.0	0.0	<b>8</b> .0	<b>8</b> .0	770.	<b>35</b> .0	20.41
6	0.0	0.0	<b>8</b> .0	0.0	8.0	261.	35.0	102.79
7	0.0	0.0	0.0	-8.O	8.0	749.	35.0	20.19
8	0.0	0.0	-12.0	0.0	12.0	270.	35.0	77.39
9	200.0	0.0	285.0	20.0	87.3	261.	35.0	2.33
10	285.0	20.0	360.0	70.0	90.1	261.	35.0	2.33
11	<b>36</b> 0.0	<b>70</b> .0	390.0	130.0	67 1	261.	35.0	2.33
12	- 200 . 0	0.0	~295.O	-20.0	97.1	<b>27</b> 0.	35.0	2.40
13	-295.0	-20.0	-360.0	-60.0	76.3	270.	35.0	2.40
14	-360.0	-60.0	~400.0	-120.0	72.1	270.	35.0	2.40

-----LINK DESCRIPTION------

Figure 11

Link Number:		1	2	3	4	5	6	7	8	9	1
Contribution	(ppm):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	ο.
Link Number:		11	12	13	14						
Contribution	(ppm):	0.0	0.0	0.0	0.0						
Contribution	from each	n link to p	ollutant	concent	ration a	t recepto	or 2:				
Link Number:		1 1	2	З	4	5	6	7	8	9	1
Contribution	(ppm):	0.4	0.1	0.1	0.1	0.3	1.1	0.2	1.3	0.0	0
Link Number:		11	12	13	14						
Contribution	(ppm):	0.0	0.0	0.0	0.0						
Contribution	from eact	n link to p	ollutant	concent	ration a	t recepto	o <b>r 3</b> :				
Link Number:		1	2	3	4	5	6	7	8	9	
Contribution	(ppm):	0.0	0.0	01	0.0	0.0	0.0	0.0	0.0	0.0	0
Link Number:		11	12	13	14						
Contribution	(ppm):	0.0	0.2	0.0	0.0						

Receptor	XR	YR	<u>ZR</u>	<u>CO (ppm)</u> *
1	200.0	20.0	2.0	0.2
2	-20.0	20.0	2.0	3.6
3	-300.0	0.0	2.0	0.3

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\*Includes Background Ambient Concentration of 0.0 ppm

## Figure 11

### C. Example Three

The third example illustrates the ability of TEXIN2 to model several minor unsignalized intersections in conjunction with the major intersection. The MOBILE3 routine is again used and all of its available options are employed. The intersection geometry is presented in Figure 12 (the major roadways are darkest) and the input data in Figure 13. Three additional links are necessary to model the minor intersections. Traffic on these links will incur delay, and thus, they are considered NDL links (NDL = 3).

Since all of the available MOBILE3 options are used, the following flags are set accordingly: VMFLAG = 1, TAMFLG = 0, IMFLAG = 1, EMFLG = 4, MYMRFG = 3, and ALHFLG =3. The anti-tampering data are the same as that used in the previous example and is presented in Figures 9 and 10. The major intersection is signalized (INTFLG = 1) with NP = 5 and CY = 100. The CMA Operations and Design procedure (CMAFG = 1) is to be used. For a four leg intersection, TFLAG is set to zero. The worst case wind angle analysis is not invoked for this example (WCFLAG = 1) but is illustrated for the same intersection in Example 6.

The next two records are for subroutine OPENER (see Appendix A). These records bind files containing anti-tampering program data to the program as in Example 2.

The Link Description cards follow the file name cards. The links for the four major intersection legs are first described. In this example, links 2 and 4 have exclusive left turn lanes with protected greens while links 1 and 3 have neither exclusive left turn lanes or protected greens. Again, all lane widths are set to 3.66 m. Records describing the three additional links follow the cards for the major links. The first variable on each of these cards is the link association number, LA, which indicates which leg of the intersection the minor road intersects. For the minor roadway which intersects (and terminates at) the positive x-axis, a value of two (corresponding to link 2) is selected for the integer variable. For the minor roadway which intersects (and crosses) the negative x-axis, two links are necessary for the simulation and both have values of four for LA. Note that like the four intersection links, the values XL1 and YL1 for the three additional links correspond to the intersection end of the link. The minor roadway intersecting the positive x-axis is controlled by a yield sign (LTFLG = 0). The other minor roadway is controlled by a stop sign (LTFLG = 1). Each roadway actually extends further than shown in Figure 12.

The next cards are the receptor location cards, the meteorological conditions card, and the tampering data cards. The tampering data are, in essence, the MOBILE3 default tampering rates. The next group of 16 records consist of the vehicle registration distribution data. The next data are the inspection/maintenance program parameters. Since IMFLAG = 1, MOBILE2 I/M credits are to be used and five values must be specified on this card. For the present example: ICYIM = 78, ISTRIN = 20, IMTFLG = 1, MODYR1 = 75, and MODYR2 = 83 while ILDT = 1, ITEST = 1, and ICUTS = 3 by default. The next card in the input file is the



Figure 12 Overhead View of the Intersection in Example 3

User	's Gui	de Exan	aple Th	ree for	the '	TEXIN	2 Mode	l —Mu I	tiple	Inter	sections	J.
1	2 1	30	3 510	0.01	4 1 0	33	1	F	lags	Card		
ATP4	9								-			•
ATP5	1											
1	0.	0.	. 0	1000	. AG15	.0 0.	. 300.	45.	200	. 10	.05 0	3.66 3.66
2	0.	0.	1000	. e	. AG17	.0 0.	. 700.	. 45.	210	. 15	. 20 1	3.66 3.66
3	0.	0.	500	866	.AG15	.0 0	. 275.	45.	200	. 05	.15 0	3.66 3.66
4	0.	0.	-1000	). e	. AG17	.0 0.	650	45.	210	. 10	.10 1	3.66 3.66
4	-200.	0.	~200	. 1000	.AG14	.0 0.	. 70.	35.	100	. 10	. 40 1	NDL Link
4	-200.	0.	-200	1000	.AG14	.00.	60.	. 35.	100	. 05	.45 1	NDL Link
2	200.	0.	200	. 1000	. AG 8	.0 0.	65.	35.	100	. 35	.65 0	NDL Link
2	20.	20.	2.					R	ecept	or 1:	XR, YR,	ZR
	20.	20.	2.					R	ecept	or 2:	XR, YR,	ZR
-18	BØ.	20.	2.					R	ecept	or 3:	XR, YR,	ZR
2.5	5 210.	68.3	5 1000.	0.	150.	60.	,	M	eteor	ologic	al Condi	tions
(	9271 -	0195	014	3.01	65 -	. 0006	004	. 81	0002	ZŇLT	AM. LDGV.	.no I/M
(	9101 -	0011	007	7.03	82 -	. 0006	004	H8 .	0002			.I/M
.(	0489	. 1353	. 110	1.06	96	. 0502	. 037	17 .	0308		. LDGT1	.no I/M
(	01 <b>00</b>	.0332	. 047	0.06	99 .	. 0502	. 037	. 17	0308			.I/M
	2489	.1353	. 110	1.06	96 .	. 0502	. 037	. 77	0308		. LDGT2	LI/M
(	0 <b>0</b> 16	. 0332	. 047	0.06	99	. 0502	. 037	. 77	0308			.no I/M
. (	2489	. 1353	. 110	1.06	96 .	. 0502	. 037	. 77	0308		. HDGV.	.no I/M
(	0100	.0332	. 047	0.06	99 .	. 0502	. 037	. 77	0308			.1/M
. (	02652	.0161	1.0	2022	.00559	. 6	2199	. 003	35	.00248	DRTAM.V1	.no I/M
	91111	. 0045	9.0	1000 -	.00211	۱.6	2199	. 003	35	.00248		.I/M
. (	92652	. 0161	1.0	2022	.00559	). (	2199	.003	35	.00248	. LDGT 1	.no I/M
. (	01111	. 0045	9.0	1000 -	.00211	I.e	2199	.003	35	.00248		.1/₩
	92652	.0161	1.0	2022	.00559	. e	2199	. 003	35	.00248	. LDGT2	.no I/M
	91111	. 0045	9.0	1000 -	.00211	I.e	2199	. 003	35	.00248		.I/M
. (	2652	.0161	1.0	2022	.00559	9.6	2199	. 003	35	. 00248	. HDGV.	no I/M
	91111	. 0045	9.0	1000 -	.00211	I.e	2199	. 003	35	.00248		. I/M
0.06	50.0836	9.0980.	0970.0	850.099	0.0976	. 0840	. 0690.	044 J	ULMYR	. LDGV.	.my ages	1.1.10
0.043	30.0376	9.0260.	0200.0	150.011	0.0086	9.0060	. 0050.	800		. LDGV.	.my ages	11-20
0.068	30.0876	9.1120.	0950.0	670.093	0.0866	9.0770	. 0590.	036		. LDGT1	.my ages	1-10
0.04	0.0366	9.0280.	0240.0	200.017	0.0146	9.0100	. 0080.	022		. LDGT1	.my ages	11-20
0.070	50.0986	9.1260.	1070.0	750.104	0.0976	9.0830	0.0610.	036		. LDGT2	.my ages	1-10
0.030	50.0286	9.0190.	0150.0	110.008	0.0068	. 0040	. 0030.	007		. LDGT2	.my ages	11-20
0.03	30.0576	9.1040.	1050.1	010.125	0.1000	. 0750	. 0470.	046		. HDGV.	.my ages	1-10
0.047	70.0416	9.0280.	0180.0	100.008	0.0070	. 0060	. 0050.	037		. HDGV .	.my ages	11-20
0.065	50.0836	.0980.	0970.0	850.099	0.0970	. 0840	.0690.	044		. LDDV.	.my ages	1–10
0.04	30.0376	9.0260.	0200.0	150.011	0.0080	). 0060	. 0050.	800		. LDDV .	.my ages	11–20
0.068	30.0876	9.1120.	0950.0	670.093	0.0860	0.0770	.0590.	036		.LDDT.	.my ages	1–10
0.041	0.0366	9.0280.	0240.0	200.017	0.0140	0.0100	. 0880.	022		. LDDT .	.my ages	11–20
0.03	50.0446	.0850.	1260.0	930.118	0.0980	9.1030	.0470.	<b>0</b> 56		.HDDV.	.my ages	1–10
0.049	90.0456	9.0290.	0170.0	090 . <del>0</del> 07	0.0060	.0050	. 0040 .	023		. HDDV.	.my ages	11-20
0.133	50.1450	).1380.	1160.1	230.114	0.0690	).0440	. 0240 .	<b>00</b> 9		. MC	.my ages	1-10
0.08	5 <b>0</b> . 0000	. 0000 .	0000.0	000 . 00 <del>0</del>	0.0000	.0000	. 0000 .	000		.MC	.my ages	11-20
78 26	9 1 75	83						I,	/M pa	ramete	rs	
1 81	21.5	<u> </u>	29.4	.743	. 127	. 082	. 020	. 007	. 00	1.01	2 .008	
0.40	.08 .1	2.14	.09 .1	0.158	5. 65.	•		0	ption	al cor	rection	factors
84 68	3 79 22	221							TP pa	roms:	1968-19	79
84 86	20 22	221						A.	ΤΡ ρα	rams:	1980-20	20

.

Figure 13 Input Data Cards Used in Example 3

vehicle scenario card followed by the optional air conditioning, extra loading, and trailer towing corrections card. In this example, air conditioning correction factors are switched on by setting AC = 0.40. The fractions of LDGV, LDGT1, and LDGT2 with extra 500 lb loads are .08, .12, and .14, respectively. The fractions of LDGV, LDGT1, and LDGT2 towing trailers are .09, .10, and .15, respectively. The dry bulb temperature is 85°F and the wet bulb temperature is 65°F. The last two records in this example are the ATP characteristics records and serve the same purpose as those in Example 2.

Figure 14 illustrates the output from Example Three. Again, the first data on the output are the run title along with a summary of the meteorological and intersection input data. The MOBILE3 data then follow along with details concerning all of the options invoked. Traffic flow analyses of the major and minor intersection follow the emissions data. Finally, the details of the various links and the receptor carbon monoxide concentrations are printed.

TITLE: User's Guide Example Three for the TEXIN2 Model--Multiple Intersections

		l						
Wind Speed	= 2.5 m/s	S	Stability Class	= 3 (C)	Surface Roughness	=	150.	cm
Wind Bearing	= 210. de	g,	Mixing Height	= 1000.m	Averaging Time	=	<b>6</b> 0.	min
Temperatur <b>e</b>	= 68.0 F	Ĩ,	Ambient Concentration	= 0.0 ppm				

#### INTERSECTION INFORMATION:

METEOROLOGICAL CONDITIONS:

Туре	= Signalized	Cycle Length	=	100.0 sec	Signal Phases	= 5
Delay Links	= 3	Non-Delay Links	=	0	TFLAG	= 0
Intersection	Calculational	Procedure: CMA Operations & Design				

 						-LINK	SUMMARY	(					
<u>Link</u>	Туре	<u>Width</u>	Height	<u>VPHI</u>	<u>VSP</u>	<u>NLN</u>	NLTL	NRTL	<u>FLT</u>	FRT	<u>L</u> TFLG	THWIDE	LTWIDE
1	AG	<b>15</b> .0	0.0	300.	45.0	2	0	0	. 1000	.0500	ο	3.66	3.66
2	AG	17.0	0.0	<b>7</b> 0 <b>0</b> .	45.0	2	1	0	. 1500	. 2000	1	3.66	3.66
3	AG	15.0	0.0	275.	<b>45</b> .0	2	0	0	.0500	. 1500	0	3.66	3.66
4	AG	17.0	0.0	650.	45.0	2	1	0	. 1000	. 1000	1	3.66	3.66

**TEXIN2** Output for Example 3

I/M Case





	LD	<u>GV</u>	LD	<u>GT 1</u>	LD	<u>GT2</u>	HDGV		
Component	ZML	DET	ZML	DET	ZML	DET	ZML	DET	
Air Pump	-0.0101	0.01111	-0.0100	0.01111	-0.0100	0.01111	-0.0100	0.01111	
Catalyst	-0.0011	0.00459	0.0332	0.00459	0.0332	0.00459	0.0332	0.00459	
Fuel Inlet	-0.0077	0.01000	0.0470	0.01000	0.0470	0.01000	0.0470	0.01000	
Other Mistueling	0.0382	~0.00211	0.0699	-0.00211	0.0699	-0.00211	0.0699	-0.00211	
EGR System	~0.0006	0.02199	0.0502	0.02199	0.0502	0.02199	0.0502	0.02199	
Evap Canister	-0.0048	0.00335	0.0377	0.00335	0.0377	0.00335	0.0377	0.00335	
PCV System	0.0002	0.00248	0.0308	0.00248	0.0308	0.00248	0.0308	0.00248	

## Figure 14

		*********	MOB	ILE3 INSPEC	TION/MAINT	ENANCE PRO	GRAM		******	
Start year (Jan First model yea	wary 1): In covered:	78 75	Pre-	1981 MYR st	ringency r	ate: 20%	Mecha Last	nic train model yea	ing progra r covered:	m?: No 83
	Vehic	le types d	covered:	LDGV						
	1981 1981	& later Mi & later Mi	(R test typ (R test cur	be: I tpoints: 3	dle 3.0% ICO					
		ſ								
		·	MOBILE3 (	EMISSION FA	CTORS (GRA	MS CO/VEHI	CLE MILE)-			
	Scenar i	o: Region Year PCCN PCHC PCCC	1 ≈ 1 = 1981 = 21.5 = 30.6 = 29.4	Ver	nicle Mix:	LDGV = 0. LDGT1= 0. LDGT2= 0. HDGV = 0.	743 127 082 020	L DD' L DD HDD' MC	V = 0.007 T = 0.001 V = 0.012 = 0.008	
		Altito A/C Co Extra Trailo	ute= 500.0 prrections Load (LDG er in low i	D ft AC (DB / V / LDGT1 / (LDGV / LDG	'WB (F)): 'LDGT2):O TI /LDGT2	0.5 (85. .080 / 0.1 ): 0.090 /	0 / 65.0) 20 / 0.140 0.100 / 0	. 150		
Speed	LDGV	LDGT I	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	LDGT	All Modes
45.0	20.9	32 7	35.0	92 6	0.7	1.1	7.6	13.1	33.6	24.6
35.0	27 0	41.3	46.2	102.3	O.8	1.2	8.9	16.3	43.2	31.4
10.0	92.8	136.2	175.6	344.0	2.5	4.0	28.8	55.1	151.7	108.4
			MOBI	LEG IDLE EM	ISSION RAT	E (GRAMS C	O/MIN)			
	LDGV 11.7	LDGF1 11 2	LDGT2 11.4	HDGV 9.1	LDDV 0.2	LDDT 0.3	HDDV 1.0	<u>MC</u> 3.3	LDGT 11.3	All Modes 11.3



**TEXIN2** Output for Example 3 (Continued)

54

	'MOBILE3 Anti-Tampering Program DataMOBILE3 Anti-Tampering Program Data
Start year (Januar	y 1): 1984 First model year covered: 1968 Last model year covered: 1979
	Vehicle types covered: LDGV , LDGT1, LDGT2
	** '. **
	** ANNUAL : INSPECT AIR PUMP, CANISTER & PCV **

MOBILE3 EMISSION FACTORS (GRAMS CO/VEHICLE MILE)
--

Speed	LDGV	LDGT 1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	LDGT	All Modes
45.0	20.9	32.7	35.0	92.6	O.7	1,1	7.6	13.1	33.6	24.6
35.O	27.0	41 3	46.2	102.3	0.8	1.2	8.9	16.3	43.2	31.4
10.0	92.8	136.2	175.6	344.0	2.5	4.0	28.8	55.1	151.7	108.4
			MOBIL	E3 IDLE EM	ISSION RAT	E (GRAMS C	D/MIN)			
	LDGV 11.7	LDGT 1 11.2	LDGT2 11.4	HDGV 9.1	LDDV 0.2	<u>LDDT</u> 0.3	HDDV 1.0	<u>MC</u> 3.3	LDGT 11.3	A11 Modes 11.3

# Figure 14

		MOBILE3 A	nti-Tampering	Program Data-			
Start year (January	1): 1984	First model	year covered:	1980	Last model year	covered: 2	020
	Vehicle types covere ** ** ANNUAL : INSPECT ** CANISTER **	d: LDGV AIR PUMP, CA & PCV	, LDGT1, LDGT2 TALYST, FUEL 1	! INLET (AND PLL	JMBTESMO),		

			-MOBILE3 E	MISSION FA	CTORS (GRA	MS CO/VEHI	CLE MILE)-			
<u>Speed</u>	LDGV	LDGT 1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	LDGT	All Modes
45.0	20.9	32.7	35.0	92.6	0.7	1.1	7.6	13.1	33.6	24.6
35.0	27.0	41.3	46.2	102 <b>3</b>	O.8	1.2	8.9	16.3	43.2	31.4
10.0	92.8	136.2	175.6	344.0	2.5	4.0	28.8	55.1	151.7	108.4
			MOBIL	E3 IDLE EM	ISSION RAT	E (GRAMS C	CO/MIN)			
	LDGV 11 7	LDGT 1 11 2	LDGT2 11.4	HDGV 9.1	O_2	LD0T 0.3	HDDV 1.0	<u>МС</u> Э.Э	LDGT 11.3	All Modes 11.3

**TEXIN2** Output for Example 3 (Continued)

- -
TRAFFIC FLOW ANALYSIS (MAJOR	INTERSECTION - SIGNALIZED)
Volume/Capacity= 0.45	Fraction of Excess
Stopped Delay= 12.0 sec/veh	Emissions Due to:
Approach Delay= 17.1 sec/veh	Vehicles Idling= 0.15
Time in¶Queue≈ 14.7 sec/veh	Vehicles Turning= 0.06
Fraction Stopping= 0.54	Vehicles Stopping & Slowing= 0.79
	ERSECTION(S) - UNSIGNALIZED)
For Link 9:	
Reserve Capacity= 16. Veh	Fraction of Excess
Stopped Delay= 39.0 sec/veh	Emissions Due to:
Approach Delay= 52.7 sec/ven	Vehicles Slowing= 0.11 Vehicles Storping= 0.50
lime in Queue 49.4 sec/ven	Vehicles Stopping= 0.50
Fraction Stopping- 1.00	venicies fulling- 0.39
For Link 10:	
Pospivo Capacitya 37 veh	Fraction of Excess
Stopped Delays 37 8 sc/veh	Emissions Due to:
Annrach Delaya 51 1 sec/yeh	Vehicles Slowings 0 11
Time in Ougues 47.8 sec/veh	Vehicles Stopping 0.50
Fraction Stopping= 1.00	Vehicles Idling= 0.38
For Link 11:	
Reserve Capacity= 35. veh	Fraction of Excess
Stopped Delay= 37.9 sec/veh	Emissions Due to:
Approach Delay= 51.1 sec/veh	Vehicles Slowing= 0.17
Time in Queue= 47.9 sec/veh	Vehicles Stopping= 0.42
Fraction Stopping= 0.80	Vehicles Idling= 0.40
·	

# Figure 14

**TEXIN2** Output for Example 3 (Continued)

	1							
Link	<u>1L1</u>	YL1	XL2	<u>YL2</u>	Length	<u>VEH/HR</u>	Speed	MGM CO/M-SEC
1	0.0	0.0	Ο.Ο	1000.0	1000.0	725.	45.0	3.08
2	0.0	0.0	1000.0	0.0	1000.0	1291.	45.0	5.49
3	0.0	0.0	500.0	- <b>8</b> 66.0	1000.0	700.	45.0	2.98
4	0.0	0.0	-1000.0	0.0	1000.0	1134.	<b>45</b> .0	4.82
5	0.0	0.0	0.0	17.9	17.9	725.	<b>45</b> .0	71.15
6	0.0	0.0	41.8	0.0	41.8	1291.	45.0	<b>71.05</b> <sup>*</sup>
7	0.0	0.0	8.2	-14.2	16.4	<b>7</b> 00.	45.0	71.02
8	0.0	0.0	-38.8	0.0	38.8	1134.	45.0	60.33
9	-200.0	<b>O</b> . <b>O</b>	-200.0	1000.0	1000.0	140.	<b>35</b> .0	0. <b>76</b>
10	-200.0	0.0	-200.0	- 1000 . 0	1000.0	120.	35.0	0.65
11	200.0	0.0	200.0	1000.0	1000.0	<b>13</b> 0.	35.0	0.70
12	<b>~2</b> 00.0	0.0	-200.0	35.0	<b>35</b> .0	140.	35.0	10.44
13	- 200 . 0	0.0	-200.0	-13.1	13.1	<b>12</b> 0.	35.0	23.48
14	200.0	0.0	200.0	14.7	14.7	<b>13</b> 0.	35.0	21.68

-----LINK DESCRIPTION------

Figure 14

**TEXIN2** Output for Example 3 (Continued)

•

Contribution	from each	link to p	ollutant	concent	ration a	t recept	or 1:					
ink Number:		1	2	3	4	5	6	7	8	9	10	
Contribution	(ppm):	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
ink Number:		11	12	13	14							
Contribution	(ppm):	, 0.0	0.0	0.0	Ο.3							
Contribution	from each	ilink to p	ollutant	concent	ration a	t recept	or <b>2</b> :					
ink Number:		1	2	3	4	5	6	7	8	9	10	
Contribution	(ppm):	0.1	0.2	0.1	0.1	1.5	3.1	1.3	0.9	0.0	0.0	
ink Number:		11	12	13	14							
Contribution	(ppm):	0.0	0.0	0.0	0.0							
Contribution	from each	link to p	ollutant	concent	ration a	t recept	or 3:					
ink Number:		1	2	3	4	5	6	7	8	9	10	
Contribution	(ppm):	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	
Link Number:		11	12	13	14							
Contribution	(ppm):	0.0	0.2	0.3	0.0							
			RECEPT	OR DESCR	IPTION A	ND MODEL	PREDICT	IONS				
Reg	ceptor		XR		YR			ZR		<u>C0 (pp</u>	<u>n)</u> *	
	1	2	20.0		20.0			2.0		0. <b>6</b>		
	2		20.0		20.0			20		7 3		

\*Includes Background Ambient Concentration of 0.0 ppm

.

- 180 . 0

Figure 14

20.0

0.8

.

2.0

**TEXIN2** Output for Example 3 (Continued)

\*\*\*\*\*\*\*\*

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### **D. Example Four**

The fourth example illustrates the use of the TEXIN2 model in simulating signalized Tintersections. The geometry used in shown in Figure 15. The input data are summarized in Figure 16. The default VMT mix is to be used so VMFLAG is taken as zero. Extended output is desired (PRTFLG = 2), and as stated above, the intersection is signalized (INTFLG = 1). The model is to estimate the concentration at three receptors (NR = 3). There are no additional links for this run (NNDL = NDL = 0). The intersection is a three phase junction (NP = 3) with a cycle length of 60 seconds (CY = 60.). The short-cut emissions model is to be used without internal idle emission factor estimation (EMFLG = 2, TAMFLG = 1, IMFLAG = 0, MYMRFG = 1,and ALHFLG = 1). The estimate of the idle emission factor is located on the last record in the input of Figure 16. If internal idle emission factor estimation were desired, the user would simply omit the estimated factor and set EMFLG = 1. The CMA Operations and Design algorithm is to be employed (CMAFG = 1) and, since the west leg of the T-intersection is missing, TFLAG is taken as four.

Since EMFLG = 2, no file name records are needed. Therefore, the next data are the Link Description records. The intersection is an at-grade location with each link being 18 m wide. Link 1 has four approach lanes, link 2 has three approach lanes, and link 3 has two approach lanes. The number of exclusive left-turn lanes for the links are 2, 1, and 0, respectively. Link 2 has two exclusive right-turn lanes and link 3 has one. The fractions of vehicles turning left for links 1, 2, and 3 are 0.40, 0.40, and 0.0, while the fractions of vehicles turning right are 0.0, 0.60, and 0.20, respectively. Link 1 is left-turn signalized, so LTFLG is set to one for this link.



Figure 15 Overhead View of the Intersection in Example 4

User's Guide Example 4 for the TEXIN2 Model—A T-Intersection 0 2 1 3 0 0 3 60. 1 0 2 1 4 1 1 1 Flags Card 1 0. 0. 1000.AG18.0 0. 1250. 40. 4 2 0 .40 1000.AG18.0 0. 1250. 40. 4 2 0 .40 0.AG18.0 0. 950. 35. 3 1 2 .40 -200.AG18.0 0. 1100. 40. 2 0 1 .00 . 00 1 3.66 3.66 .60 0 3.66 3.66 .20 0 3.66 3.66 2 1000. 0. 0. 3 0. 0. 0. Receptor 1: XR, YR, ZR Receptor 2: XR, YR, ZR Receptor 3: XR, YR, ZR Meteorological Conditions 2. 100. 100. 200. 200. 2. 200. -200. 100. 2. 2. 225. 80. 4 1000. 0. 175. 60. 1 83 25. 35. 25. Vehicle Scenario 13.0 Idle Emission Factor Estimate

.

- +

Figure 16 Input Data Cards Used in Example 4

.

**********	******		********	***** TA	MU INTE	RSECT	ION MODE	EL T	EXIN2	*******	*******	*******	*********	*****
TITLE: User Meteorologic/	r's Guid Al CONDI	Exampl	e 4 for t	he TEXIN2	Model-	A T	-Interse	ection						
Wind Speed Wind Bearing Temperature	= 2.0 = 225. = 80.0	m∕s ∛ deg F		Stabil Mixing Ambien	ity Cla Height t Conce	ss ntrat	= 4 = - ion = (	(D) 1000.m D.O ppm		Surface   Averaging	Roughness g Time	= 175. = 60.	cm min	
INTERSECTION Type Delay Links Intersection	INTERSECTION INFORMATION: Type = Signalized Cycle Length = 60.0 sec Signal Phases = 3 Delay Links = 0 TFLAG = 4 Intersection Calculational Procedure: CMA Operations & Design													
					<b>- -</b>	-LINK	SUMMAR							
<u>Link</u>	<u>Туре</u>	<u>Width</u>	<u>Height</u>	VPHI	<u>VSP</u>	<u>NLN</u>	NLTL	NRTL	FLT	<u>FRT</u>	LTFLG	THWIDE	LTWIDE	
1	AG	18.O	0.0	1250.	40. <b>0</b>	4	2	ο	. 4000	. 0000	1	3,66	3.66	
2	AG	18.O	0.0	950.	35 0	3	1	2	. 4000	. 6000	0	3.66	3.66	
3	AG	18.O	0.0	<b>1 10</b> 0 .	<b>40</b> .0	2	0	1	. 0000	. 2000	ο	3.66	3.66	
4						~M	issing 1	F Leg						



**TEXIN2** Output for Example 4

•

Volume/Capacity= 0.80	Fraction of Excess
Stopped Delay= 28.2 sec/veh	Emissions Due to:
Approach Delay= 38 4 sec/veh	Vehicles Idling= 0.25
Time in Queue= 35.5 sec/veh	Vehicles Turning= 0.07
Fraction Stopping= 0.73	Vehicles Stopping & Slowing= 0.68

~~~~			LIN	K DESCRIPT	ION	*****		
Link	XL1	YL 1	XL2	YL2	Length	VEH/HR	Speed	MGM CO/M-SEC
1	0.0	0.0	0.0	1000.0	1000.0	2700.	40.0	12.84
2	0.0	0.0	1000.0	0.0	1000.0	1670.	35.0	8.65
3	0.0	0.0	0.0	-200.0	200.0	2230.	40.0	10.61
4	*******			Miss	ing T Leg-			
5	0.0	0.0	0.0	30.4	30.4	2700.	40.0	201.83
6	0 <b>0</b>	0.0	30.8	0.0	30.8	1670.	35.0	220.61
7	0.0	0.0	0.0	-53.6	53.6	<b>223</b> 0.	40.0	171.58
8				Miss	ing T Leg-			



rom each	link to	o pollu 1	utant 2	concen	tration at	recept	on 1:			
pp <b>m)</b> :		1	2	з						
ppm):				3	4	5	6	7	8	
	0.3	2 (	D. 1	0.1	0.0	1.6	1.7	1.6	0.0	
rom each	; ]ink to	o pollu	Itant	concen	tration at	recept	or 2:			
	•	1	2	3	4	5	6	7	8	
ppm):	<b>O</b> .	1 (	D. 1	0.1	0. <b>0</b>	0.5	0.6	0.6	0.0	
rom each	link to	o pollu	utant	concen	tration at	. recept:	or 3:			
		1	2	З	4	5	6	7	8	
ppm):	0.0	0 0	0.0	0.0	0.0	0 . <b>0</b>	0.0	0.0	0.0	
	rom each ppm): rom each ppm):	rom each link to ppm): O. rom each link to ppm): O.0	rom each link to pollu 1 ppm): 0.1 ( rom each link to pollu 1 ppm): 0.0 (	rom each link to pollutant 1 2 ppm): 0.1 0.1 rom each link to pollutant 1 2 ppm): 0.0 0.0	rom each link to pollutant concen 1 2 3 ppm): 0.1 0.1 0.1 rom each link to pollutant concen 1 2 3 ppm): 0.0 0.0 0.0	rom each link to pollutant concentration at 1 2 3 4 ppm): 0.1 0.1 0.1 0.0 rom each link to pollutant concentration at 1 2 3 4 ppm): 0.0 0.0 0.0 0.0	rom each link to pollutant concentration at recepton 1 2 3 4 5 ppm): 0.1 0.1 0.1 0.0 0.5 rom each link to pollutant concentration at recepton 1 2 3 4 5 ppm): 0.0 0.0 0.0 0.0 0.0	rom each link to pollutant concentration at receptor2:123456ppm):0.10.10.10.00.50.6rom each link to pollutant concentration at receptor3:123456ppm):0.00.00.00.00.00.0	rom each link to pollutant concentration at receptor 2:   1   2   3   4   5   6   7     ppm):   0.1   0.1   0.0   0.5   0.6   0.6     rom each link to pollutant concentration at receptor 3:   1   2   3   4   5   6   7     ppm):   0.0   0.0   0.0   0.0   0.0   0.0   0.0	rom each link to pollutant concentration at receptor 2:12345678ppm):0.10.10.00.50.60.60.0rom each link to pollutant concentration at receptor3:12345678ppm):0.00.00.00.00.00.00.0

Receptor	XR	YR	ZR	<u>CO (ppm)</u> *
1	100 . 0	100.0	2.0	5.3
2	200.0	200.0	2.0	2.0
3	<b>10</b> 0 . 0	-200.0	2.0	0.0

\*Includes Background Ambient Concentration of 0.0 ppm

## Figure 17

# **TEXIN2** Output for Example 4 (Continued)

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#### E. Example Five

Example five illustrates the use of the model in predicting carbon monoxide concentrations at 4way stop intersections. The intersection being modeled is illustrated in Figure 18. The intersection is a basic  $4 \times 4$  4-way stop with left and right turns legal only from the left and right approach lanes, respectively. Special attention should be drawn to the fact that the emissions model for the 4-way stop intersection was developed for only  $4 \times 4$  intersections (those with 2 approach lanes on each major leg).<sup>13</sup>

In accord with the emissions routine,<sup>13</sup> the links for the intersection in Figure 18 are taken to be 100 ft (30.5 m). INTFLG is set to two in the data in Figure 19 indicating that the output should contain a traffic analysis. Since PRTFLG = 2, the model will generate a section summarizing the link contributions to the concentration estimates. Since the emissions model does not use either the short-cut emissions model or the MOBILE3 program, all MOBILE3 flags except for the VMT mix are set so that the default data are used (as in Example 4). The VMT mix information is used to calculate the fraction of trucks for the area and hence does affect the emissions model and in this example is supplied to override the default data. This also means that VMFLAG is set equal to one. The fractions of left turning vehicles are .15, .20, .20, and .10, while the fractions of right turning vehicles are .10, .15, .10, and .15, on links 1, 2, 3, and 4, respectively. Traffic volumes are included on the Link Description Cards as in the previous examples. The number of additional links for which traffic incurs no delay is 28 corresponding to the distance needed to step out at 100 ft increments to the end of the major links (800 ft).

The output from this simulation is presented in Figure 20. The output consists of the same data present in the other examples along with a summary of approach responses for the links.



Figure 18 Overhead View of the Intersection in Example 5

User		Guid	de Exam	ple 5 fe	or the TI	EXIN2	Mode		Way S	Stop	Int	erse	ect	ions	(4	X4 (	ONLY)
1	2	2	2 28		. 1030	001	1 1		F	lag	s Ca	rd			•		
1		0.	0.	0.	30.5AC	G17.5	0.	150.	35.	20	0	.15	•	10	03	. 66	3.66
2		0.	0.	30.5	0.A	514.0	0.	500.	35.	20	0	. 20		15	03	. 66	3.66
3		0.	0.	0.	-30.5A	517.5	0.	250.	35.	20	0	. 20	•	10	03	. 66	3.66
4		0.	0.	-30.5	0.A	<b>614.0</b>	0.	325.	35.	20	0	. 10	•	15	03	. 66	3.66
1		0.	30.5	0.	61.AC	G17.5	0.		. N	INDL	Lin	k					
1		0.	61.	0.	91.5AC	G17.5	0.		N	INDL	Lin	k 👘					
1		Ø.	91.5	θ.	122.AC	G17.5	0.		N	NDL	Lin	k –					
1		0.	122.	0.	152.540	517.5	0.		N	INDL	Lin	k					
1		0.	152.5	θ.	183.A	517.5	0.		N	<b>INDL</b>	Lin	k –					
1		0.	183.	θ.	213.5A0	G17.5	0.			NDL	Lin	k					
1		0.	213.5	0.	244.AC	<b>317.5</b>	0.		N	INDL	Lin	k					
2	- 36	9.5	0.	61.	0.AC	<b>;14.0</b>	0.		N	NDL	Lin	k					
2	6	51.	θ.	91.5	0.AC	<b>614.0</b>	0.		N	INDL	Lin	k 👘					
2	91	1.5	0.	122.	0.AC	<b>614.0</b>	0.		N	INDL	Lin	k					
2	12	22.	0.	152.5	0.AC	<b>614.0</b>	0.		N	NDL	Lin	k					
2	152	2.5	0.	183.	0.AC	614.0	0.		N N	INDL	Lin	k					
2	18	33.	0.	213.5	0.AC	614.0	0.		h	NDL	Lin	ĸ					
2	213	5.5	0.	244.	0.AC	614.0	0.		N.	INDL	Lin	k					
- 3		0.	-30.5	0.	-61.AC	<b>317.5</b>	0.		N	NDL	Lin	k					
3		0.	-61.	0.	-91.5AC	517.5	0.		N.	INDL	Lin	k .					
3		0.	-91.5	0.	-122.A	517.5	0.		N	NDL	Lin	k					
3		0.	-122.	0.	-152.540	517.5	0.		N	INDL	Lin	ĸ					
3		0.	-152.5	0.	-183.A0	317.5	0.		, N	WNDL	Lin	ĸ					
3		0.	-183.	0.	-213.540	517.5	0.		N.	NNDL	Lin	ĸ					
3	-	0.	-213.5	0.	-244.A	517.5	<b>Ø</b> .		N.	WNDL	Lin	ĸ					
4	-36	9.5	0.	-61.	Ø. AC	514.0	0.		N	NDL	Lin	K.					
4	-6	51	0.	-91.5	0.A	514.0	Ø.		Ņ	WNDL	Lin	ĸ					
4	-91	.5	0.	-122.	0.A(	<b>;14.0</b>	<b>U</b> .		Ň	INDL	Lin	ĸ					
4	-12	22.	0.	-152.5	Ø. A(	514.0	0.		N	WNDL	Lin	ĸ		•			
4	-152	2.5	0.	-183.	Ø. A0	514.0	Ø.			NDL	Lin	ĸ					
4	-18	33.	0.	-213.5	Ø. AC	514.0	0.		Ņ			K					
4	-213	5.5	0	-244.	Ø. AC	<i>;</i> 14.0	0.			NNUL	LIN	κ.	vn	vo	7	•	
	<b>20</b> .		20.	2.					F		ptor	1:		, TR VD	. 4	R D	
_	20.		20.	1000			60			1000	pior	<b>2</b> :	75	, 1K	, Z	R i ar	-
· 2	. 1	20.	00.3	1000.	0. 13	)U.	00.	050	N 0.00	NG ( C( )	0101	0910	70	00	שונ מ	101	9
1 /5	5	J.2	44.5	3/.8	./00 .16	70.	000	. 930	. 000	י. ס	000	. 0	10	. 00	0		

Figure 19 Input Data Cards Used in Example 5

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#### INTERSECTION INFORMATION:

Type Delay	Links	= 4X4 5 = 0	Stop		Cycle Non-De	Length lay Lin	iks	= 21	0.0 sec 3		Signal Pi TFLAG	nases	= 0 = 0		
							-LINK	SUMMAR	Y						
	<u>Link</u>	Туре	<u>Width</u>	<u>Height</u>	VPHI	<u>VSP</u>	<u>NLN</u>	<u>NLTL</u>	NRTL	<u>Flt</u>	FRT	LTFLG	THWIDE	<u>LTWIDE</u>	
	1	AG	17.5	0.0	150.	35.0	2	0	0	. 1500	. 1000	0	3.66	3.66	
	2	AG	14.0	0.0	500.	<b>35</b> .0	2	0	0	. 2000	. 1500	0	3,66	3.66	
	3	AG	17.5	Ο.Ο	250.	35.0	2	0	0	. 2000	. 1000	0	3,66	3.66	
	4	AG	14.0	<b>O</b> . <b>O</b>	<b>32</b> 5.	<b>35</b> .0	2	0	0	. 1000	. 1500	0	3.66	3.66	

**TEXIN2** Output for Example 5

SUMMARY OF APPROACH RESPONSES FOR THE 4-WAY STOP INTERSECTION FOR LINK 1:

ATDA= ATDL= ATDR≍ ATDS=	12.12 0.00 12.37 11.98	S/VEH S/VEH S/VEH S/VEH	A SDA <del>=</del> A SDL <del>=</del> A SDR = A SDS =	6.28 0.00 6.12 6.42	S/VEH S/VEH S/VEH S/VEH
ATDS=	11.98	S/VEH	ASDS=	6.42	S/VEH
QAVG=	4.48	M	QMAX =	14.08	М

SUMMARY OF APPROACH RESPONSES FOR THE 4-WAY STOP INTERSECTION FOR LINK 2:

ATDA=	12.56	S/VEH	ASDA=	6.52 S/VEH
ATDL=	14.18	S/VEH	ASDL≃	6.48 S/VEH
ATDR =	12.29	S/VEH	ASDR=	6.12 S/VEH
ATDS=	12.68	S/VEH	ASDS=	6.86 S/VEH
QAVG=	4.64	М	QMAX=	19.52 M

SUMMARY OF APPROACH RESPONSES FOR THE 4-WAY STOP INTERSECTION FOR LINK 3:

ATDA≠	12.34 S/VEH	ASDA=	6.40 S/VEH
ATDL=	7 09 S/VEH	ASDL=	3.24 S/VEH
ATDR=	12.33 S/VEH	ASDR=	6.12 S/VEH
ATDS=	12.33 S/VEH	ASDS=	6.64 S/VEH
QAVG=	4.56 M	Q <b>MA</b> X =	16.80 M

SUMMARY OF APPROACH RESPONSES FOR THE 4-WAY STOP INTERSECTION FOR LINK 4:

ATDA= 12.12	S/VEH	ASDA=	6.28 S/VEH
ATDL= 0.00	S/VEH	ASDL =	0.00 S/VEH
ATDR = 12.37	S/VEH	ASDR =	6.12 S/VEH
ATDS= 11.98	S/VEH	ASDS=	6.42 S/VEH
QAVG= 4.48	M	QMAX≃	14.08 M

Figure 20

Link	XL 1	YL 1	XL2	YL2	Length	VEH/HR	_Speed	MGM CO/M-SEC
1	0.0	0.0	0.0	30.5	30.5	432.	35.0	5.37
2	0.0	0.0	30.5	0.0	30.5	791.	35.0	5.70
3	٥.o	0.0	0.0	-30.5	30.5	511.	35.0	5.38
4	0.0	0.0	-30.5	0.0	30. <b>5</b>	715.	35.0	6.00
5	0.0	0.0	0.0	4.5	4.5	432.	0.0	0.00
6	0.0	0.0	4.6	0.0	4.6	791.	0.0	0.00
7	0.0	0.0	0.0	-4.6	4.6	511,	0.0	0.00
8	0.0	0.0	~4.5	0.0	4.5	715.	0.0	0.00
9	0.0	30.5	0.0	61.0	30.5	432.	0.0	1.65
10	0.0	61.0	0.0	91.5	30.5	432.	0.0	1.65
11	<b>O</b> . <b>O</b>	91.5	0.0	122.0	30.5	432.	0.0	1,65
12	<b>O</b> . <b>O</b>	122.0	0.0	152.5	30.5	432.	0.0	1.65
13	0.0	152.5	0 0	183.0	30.5	432.	0.0	1.65
14	0.0	183.0	0.0	213.5	30.5	432.	0.0	1.65
15	0.0	213.5	0.0	244.0	30.5	432.	0.0	1.65
16	<b>30 . 5</b>	0.0	61.0	0.0	30.5	791.	0.0	1.65
17	61.0	0.0	91.5	0.0	30.5	791.	0.0	1.65
18	91 5	0.0	122.0	0.0	30.5	791.	0.0	1.65

.

-----LINK DESCRIPTION------

Figure 20

19	122.0	0.0	152.5	0.0	30.5	791.	0.0	1.65
20	152.5	0 . <b>0</b>	183.0	0.0	30 . <b>5</b>	791.	0.0	1.65
21	<b>B3</b> .0	0.0	213.5	0.0	30.5	791.	0.0	1.65
22	213.5	0.0	244.0	0.0	30.5	791.	0.0	1.65
23	0.0	-30.5	0.0	-61.0	30.5	511.	0.0	1.65
24	0.0	-61.0	0.0	<del>-</del> 91.5	30.5	511.	0.0	1.65
25	0.0	-91.5	0.0	- 122 . 0	<b>3</b> 0.5	511.	0.0	1.65
26	0.0	- 122 . 0	0.0	- 152 , 5	30.5	511.	0.0	1.65
27	0.0	- 152 . 5	0.0	- 183.0	30.5	511.	0.0	1.65
28	0.0	- 183 .0	0.0	-213.5	30.5	511.	0.0	1.65
29	Ο.Ο	-213.5	0.0	-244.0	30.5	511.	0.0	1.65
30	-30.5	<b>O</b> . <b>O</b>	~61.0	0.0	30.5	715.	0.0	1.65
31	-61.0	Ο.Ο	-91.5	0.0	30.5	715.	0.0	1.65
32	-91.5	0.0	-122.0	0.0	30.5	715.	0.0	1.65
33	-122.0	Ο.Ο	- 152 . <b>5</b>	0.0	30.5	715.	0.0	1.65
34	- 152.5	0 . <b>0</b>	-183.0	0.0	30.5	715.	0.0	1.65
35	- <b>183</b> . O	0.0	-213.5	0.0	30.5	715.	0.0	1.65
36	-213.5	Ο.Ο	-244.0	0.0	30.5	715.	0.0	1.65

.

Figure 20

-----LINK POLLUTANT CONTRIBUTION------

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Contribution from each	link to	pollutant	concent	ration a	t recepto	or 1:				
Link Number:	1	2	.3	4	5	6	7	8	9	10
Contribution (ppm):	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Link Number:	11	12	13	14	15	16	17	18	19	20
Contribution (ppm):	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Link Number:	21	22	23	24	25	26	27	28	29	<b>3</b> 0
Contribution (ppm):	<sup>1</sup> 0.0	0.0	0.0	0.0	Ο.Ο	0.0	Ο.Ο	Ο.Ο	0.0	0.0
Link Number:	31	32	33	34	35	36				
Contribution (ppm):	0.0	0.0	0.0	0.0	0.0	0.0				
Contribution from each	link to	pollutant	concent	ration a	t recepto	or 2:				
Link Number:	1	2	3	4	5	6	7	8	9	10
Contribution (ppm):	O . 2	0.1	0.1	0.0						
				0.2	0.0	0.0	0.0	0.0	0.0	0.0
Link Number:	11	12	13	14	0.0	0.0 16	0.0 17	0.0 18	0.0 19	0.0 <b>2</b> 0
Link Number: Contribution (ppm):	11 0.0	12 0.0	13 0.0	14 0.0	0.0 15 0.0	0.0 16 0.0	0.0 17 0.0	0.0 18 0.0	0.0 19 0.0	0.0 20 0.0
Link Number: Contribution (ppm): Link Number:	11 0.0 21	12 0.0 22	13 0.0 23	14 0.0 24	0.0 15 0.0 25	0.0 16 0.0 26	0.0 17 0.0 27	0.0 18 0.0 28	0.0 19 0.0 29	0.0 20 0.0 30
Link Number: Contribution (ppm): Link Number: Contribution (ppm):	11 0.0 21 0.0	12 0.0 22 0.0	13 0.0 23 0.0	14 0.0 24 0.0	0.0 15 0.0 25 0.0	0.0 16 0.0 26 0.0	0.0 17 0.0 27 0.0	0.0 18 0.0 28 0.0	0.0 19 0.0 <b>29</b> 0.0	0.0 20 0.0 30 0.0
Link Number: Contribution (ppm): Link Number: Contribution (ppm): Link Number:	11 0.0 21 0.0 31	12 0.0 22 0.0 32	13 0.0 23 0.0 33	14 0.0 24 0.0 34	0.0 15 0.0 25 0.0 35	0.0 16 0.0 26 0.0 36	0.0 17 0.0 27 0.0	0.0 18 0.0 28 0.0	0.0 19 0.0 <b>29</b> 0.0	0.0 20 0.0 30 0.0

# Figure 20





**TEXIN2** Output for Example 5 (Continued)

#### F. Example Six

The final example presented in this guide illustrates the worst case wind angle search capabilities of the model. The intersection being modeled is the same intersection presented in Example 3 (Figure 12). Again MOBILE3 is invoked along with all MOBILE3 options.

In order to perform the worst case wind angle analysis, WCFLAG must be set to 2 or 3. If WCFLAG = 2 as in this example, only the worst case wind angles will be printed. For WCFLAG = 3, the worst case wind angles are printed along with the carbon monoxide concentrations for each receptor at each wind angle increment specified by *BRG*. In this example, *BRG* on the meteorological conditions card has been set to 5.0. This indicates that the model will search for the wind angle that yields the highest carbon monoxide concentration at each receptor by starting at 0° and incrementing by 5° to 360°. In order to realize the effect of the anti-tampering programs, the modeling year (*ICY*) was changed to 2000. All other input to the model are exactly the same as that in Example 3. These data are illustrated in Figure 21 and the anti-tampering programs in Figures 9 and 10 for the early and late coverage years, respectively.

The output for Example 6 is presented in Figure 22. The emission rates predicted by each MOBILE3 trial differ due to the anti-tampering programs. There is no summary of the link contributions to each receptor and no model predictions for a specific wind angle. These sections have been replaced by the wind angles that result in the highest carbon monoxide concentration for each receptor along with the worst case concentrations.

ATP43     ATP51     0.   0.   1000.AG15.0   0.   300.45.2   0.   10.15   .20   13.66   3.66     2   0.   0.   1000.AG17.0   0.   700.45.2   10   15   .20   13.66   3.66   3.66     3   0.   0.   .200.1   0.665.415.0   0.   210   .10   13.66   3.66   3.66     4   -200.0   .0   .200.1   1000.AG14.0   0.   60.35.1   0   10   14.0   1NDL Link     220.2   20.2   .200.1   .200.1   1000.AG14.0   0.   60.35.1   0   10   .45   1NDL Link     220.2   20.2   .2   .2   .200.1   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2   .2	User 1	's Guie 2 1	le Exomp 3 0 3	ole Six f 5 5100.	or the TE 0 1 4 1 0	XIN2 M	odel—Wors	st Case Wind Flaas Card	Angle Analysis
1 0. 0. 1000 0.AG17.0 0. 700 45. 2 10 .15 .20 13.66 3.66 2 0. 0. 1000 0.AG17.0 0. 700 45. 2 10 .15 .20 13.66 3.66 4 0. 01000. 0.AG17.0 0. 700 45. 2 10 .10 .15 .20 13.66 3.66 4 -200. 0200. 1000 AG14.0 0. 70. 35. 10 0.10 .40 1 NOL Link 4 -200. 0200. 1000 AG14.0 0. 70. 35. 10 0. 10 .40 1 NOL Link 2 200. 0. 200. 1000 AG14.0 0. 60. 35. 1 0 0. 05 .45 1 NOL Link 2 200. 0. 200. 1000 AG 8.0 0. 65. 35. 1 0 0. 05 .45 NOL Link 2 20. 20. 2. Receptor 1: XR, YR, ZR 100 20. 2. Receptor 2: XR, YR, ZR 100 20. 2. NOL 1055 - 0006 - 0048 .0002 ZMLTAM.LOV.no I/M -0101 - 0011 - 0077 .0352 - 0006 - 0048 .0002 ZMLTAM.LOV.no I/M -0101 - 0011 - 0077 .0352 - 0006 - 0048 .0002 ZMLTAM.LOV.no I/M -0100 .0332 .0470 .0659 .0502 .0377 .0308 .LOT1.no I/M .0489 .1353 .1101 .0656 .0502 .0377 .0308 .LOT2.I/M .0489 .1353 .1101 .0656 .0502 .0377 .0308 .LOT2.I/M .0489 .1353 .1101 .0656 .0502 .0377 .0308 .LOT2.I/M .0409 .1353 .1101 .0656 .0502 .0377 .0308 .LOT2.I/M .0409 .1353 .1101 .0656 .0502 .0377 .0308 .LOT2.I/M .0410 .0332 .0470 .0659 .0502 .0377 .0308 .LOT1.no I/M .04252 .01611 .02022 .00559 .02199 .00335 .00248 .LOT1.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LOT1.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LOT1.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LOT1.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LOT1.no I/M .02650 .030.0930 .0970 .0340 .0057 .0308 .LOT1.nv .01/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LOT1.nv I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LOT1.nv I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LOT1.nv I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LOT1.nv I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LOT1.nv I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LOT1.nv I/M .01111 .00459 .01000 -00211 .02199 .00335 .00248 .LOT1.nv I/M .0110 .00459 .	ATP4	9 51							
2 0. 0. 1000. 0.4G17.0 0. 700.45.2 1 0.15 .20 1 3.6G 3.6G 3 0. 0. 500500. 456.AG15.0 0. 275.45.2 0 0.85 .15 0 3.6G 3.6G 4 -200. 0200. 1000.AG14.0 0. 650.45.2 1 0 .10 .10 1 3.6G 3.6G 4 -200. 0200. 1000.AG14.0 0. 70.35.1 0 0 .10 .40 1 NDL Link 2 200. 0. 200. 1000.AG 8.0 0. 65.35.1 0 0 .55 .45 1 NDL Link 2 200. 0. 200. 1000.AG 8.0 0. 65.35.1 0 0 .55 .45 1 NDL Link 2 200. 0. 200. 1000.AG 8.0 0. 65.35.1 0 0 .55 .45 1 NDL Link 2 200. 0. 200. 1000.AG 8.0 0. 65.35.1 0 0 .55 .45 1 NDL Link 2 200. 0. 200. 1000.AG 8.0 0. 65.35.1 0 0 .55 .45 1 NDL Link 2 200. 0. 2. Receptor 2: XR, YR, ZR -180. 20. 2. Receptor 3: XR, YR, ZR -0.101 -0.0011 -0.077 .0352 -0.006 -0.048 .0002 ZMLTAM.LDGV.no 1/M -0.101 -0.011 -0.077 .0352 -0.006 .0377 .0306 .LDGT1.no 1/M -0.489 .1353 .1101 .0596 .0592 .0377 .0306 .LDGT1.no 1/M -0.489 .1353 .1101 .0596 .0592 .0377 .0306 .LDGT1.no 1/M -0.489 .1353 .1101 .0595 .0592 .0377 .0306 .LDGT1.no 1/M -0.489 .1353 .1101 .0595 .0592 .0377 .0306 .LDGT1.no 1/M -0.489 .1353 .1101 .0595 .0592 .0377 .0306 .LDGT1.no 1/M .0489 .1353 .1101 .0595 .0592 .0377 .0306 .LDGT1.no 1/M .04161 .02022 .00559 .02199 .00335 .00248 .LDGT1.no 1/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no 1/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no 1/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no 1/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no 1/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no 1/M .01111 .00459 .01000 .0080.070 .0550.0835 .00248 .LDGT2.no 1/M .01111 .00459 .01000 .0080.070 .0040 .0070 .00428 .LDGT2.no 1/	1	0.	0.	0.	1000.AG15	.0 0.	300. 45	. 200.10	.05 0 3.66 3.66
3   0.   0.   586.   -865.   AG15.0   0.   275.45.20   0.   10   10   135.63.66     4   -200.   0.   -200.1000.AG14.0   0.   70.35.10   0.0   10.40   1NDL Link     4   -200.   0.   -200.1000.AG14.0   0.635.10   0.05.45.10   10.40   1NDL Link     200.   2.0   2.0   2.0   Receptor 1: XR, YR, ZR     200.   2.0   2.   Receptor 2: XR, YR, ZR     -180.   20.2   2.   Receptor 3: XR, YR, ZR     2.5   5.68.3   1000.0   0.150.60   Meteorological Conditions     -0101   -0011   -0077   0.382   -0006   -0048   0002   ZMLTAM.LDGVno I/M     -0100   0.332   0.470   0659   0.502   0.377   0.308   .LDGT1.no I/M     -0100   0.332   0.470   0659   0.522   0.377   0.308   .LDGT2.1/M     -0100   0.332   0.470   0659   0.622   0.377   0.308   .LDGT1.no I/M     -0100   0.332   0.470 <td>2</td> <td>0.</td> <td>0.</td> <td>1000.</td> <td>0.AG17</td> <td>.00.</td> <td>700. 45.</td> <td>. 2 1 0 .15</td> <td>.20 1 3.66 3.66</td>	2	0.	0.	1000.	0.AG17	.00.	700. 45.	. 2 1 0 .15	.20 1 3.66 3.66
4   0.   0.   -1000.   0.   AG17.0   0.   550.45.21   10.10.10   10.10   11.56.368     4   -200.0   0.200.1000.AG8.0   0.60.35.10   0.05.45.10   10.10.Link     200.0   0.200.1000.AG8.0   0.65.35.10   0.05.45.0   NDL Link     220.2   2.   2.   Receptor 1: XR, YR, ZR     720.20.2   2.   Receptor 2: XR, YR, ZR     -180.20.2   2.   Receptor 2: XR, YR, ZR     -010100110017 .038200060045 .0002	3	0.	0.	5 <b>00</b> .	-866.AG15	.0 0.	275. 45	. 200.05	.15 0 3.66 3.66
4 -200. 0200. 1000.AG14.0 0. 70. 35. 1 0 0 .10 .40 1 NDL Link 4 -200. 0. 200. 1000.AG 8.0 0. 65. 35. 1 0 0 .35 .65 0 NDL Link 220. 20. 2. Receptor 1: XR, YR, ZR 7.100. 20. 2. Receptor 2: XR, YR, ZR 7.100. 20. 2. Receptor 3: XR, YR, ZR 7.100. 20. 2. Receptor 2: XK, YR, ZR 7.100. 20. 2. Receptor 2: XK, YR, ZR 7.100. 20. 2. Receptor 2: XK, YR, ZR 7.101. 0.0011 - 0017 .0382 - 0006 - 0045 .0002 ZMLTAM.LDCV.no I/M 7.0100 .0332 .0470 .0599 .0592 .0377 .0308 .LDGT2.I/M 7.0100 .0335 .00248 .LDGT1.no I/M 7.0111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no I/M 7.0111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M 7.02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT2.no I/M 7.02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT2.no I/M 7.02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT2.no I/M 7.02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT2.no I/M 7.0410 .0360 .0260 .0260 .0150 .0110 .0260 .0260 .0260 .LDGT2.my ages 11-10 7.0460 .0560 .0260 .0150 .0110 .0260 .0260 .0760 .0470 .0550 .0210my ages 11-10 7.0410 .0360 .0280 .0970 .0850 .0970 .0854 .0650 .046 .LDGT1.my ages 11-10 7.0410 .0360 .0280 .0970 .0850 .0970 .0854 .0650 .0470 .056 .LDGT1.my ages 11-10 7.0430 .0370 .0260 .0260 .0150 .0110 .0060 .	4	0.	0.	-1 <b>000</b> .	0.AG17	.00.	650.45	. 2 1 0 .10	.10 1 3.66 3.66
4 - 200. 02001000.AC 8.0 0. 60. 35. 1 0 0. 85 .45 1 NDL Link 220. 20. 2. Receptor 1: XR, YR, ZR 20. 20. 2. Receptor 2: XR, YR, ZR -180. 20. 2. Receptor 3: XR, YR, ZR -180. 20. 2. Receptor 3: XR, YR, ZR -0.0010011007. 0.38200060048 .0002 ZMLTAM.LDGV. no I/M -010100110077 .038200060048 .0002 ZMLTAM.LDGV. no I/M -0100 .0332 .0470 .0699 .0502 .0377 .0308 .LDGT1.no I/M -0100 .0332 .0470 .0699 .0502 .0377 .0308 .LDGT1.no I/M -0100 .0332 .0470 .0699 .0502 .0377 .0308 .LDGT1.no I/M .0489 .1353 .1101 .0696 .0502 .0377 .0308 .LDGT1.no I/M .0489 .1353 .1101 .0696 .0502 .0377 .0308 .LDGT1.no I/M .0489 .1353 .1101 .0696 .0502 .0377 .0308 .LDGT1.no I/M .0489 .1353 .1101 .0696 .0502 .0377 .0308 .LDGT2.I/M .0489 .1353 .1101 .0696 .0502 .0377 .0308 .LDGT2.I/M .0489 .1353 .1101 .0696 .0502 .0377 .0308 .LDGT2.I/M .0489 .1353 .1101 .0695 .0529 .02199 .00335 .00248 .LDGT1.no I/M .04111 .00459 .0100000211 .02199 .00335 .00248 .LDGTno I/M .01111 .00459 .01000 -00211 .02199 .00335 .00248 .LDGTno I/M .01111 .00459 .01000 -00211 .02199 .00335 .00248 .LDGTnv gas 1-10 .0430 .0370 .0260 .0260 .0150 .0110 .0080 .0060 .0650 .0681 .LDGTmv gas 1-120 .0650 .0330 .0370 .0260 .0170 .0140 .0100 .0680 .022 .LDGTmv gas 1-20 .0650 .0330 .0370 .0260 .0170 .0140 .0100 .0680 .022 .LDGTmv gas 1-20 .0650 .0380 .0370 .0360 .0110 .0080 .0060 .0650 .0681 .LDGTmv gas 1-20 .0650 .0380 .0370 .0360 .0110 .0080 .0060 .0650 .0681 .LDGTmv gas 1-20 .0650 .0380 .0360 .0370 .0360 .0370 .0850 .0370 .LDGTmv gas 1-20 .0530 .0440 .0350 .0126 .0100 .	4	<b>-200</b> .	0.	<b>-200</b> .	1000.AG14	.00.	70.35	. 100.10	.469 1 NDL Link
2   200.   0.   200.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20.   20	4	-200.	0.	-200	1000.AG14	.00.	<b>60.35</b>	. 100.05	.45 1 NDL Link
220.   20.   2.   Receptor 1: XR, YR, ZR     180.   20.   2.   Receptor 2: XR, YR, ZR     -180.   20.   2.   Receptor 2: XR, YR, ZR     2.5   5.   68.3   1090.   0.   150.   60.   Metaerological Conditions     -0011   -0011   -0077   0382   -0006   -0048   0002   ZMLTAM.LDGVon I/M     -0489   .1353   .1101   0696   0592   .0377   0308   .LDGT1.no I/M     -0490   0332   .0470   0699   .0522   .0377   .0308   .LDGT1.no I/M     -0490   .0332   .0470   .0699   .0522   .0377   .0308   .LDGT1.no I/M     -0100   .0332   .0470   .0699   .0502   .0377   .0308   .LDGT1.no I/M     -0111   .04759   .01000  00211   .02199   .00335   .00248   .L/M     .02252   .01611   .02022   .00559   .02199   .00335   .00248   .L/M     .02152   .01611   .02022   .00559   .02199   .00335<	2	200.	0.	200.	1000.AG 8	.0 0.	65.35.	. 100.35	.65 0 NDL Link
20.   20.   2.   Receptor 2: XR, YR, ZR     2.5   5.   58.   3 1000.   0.   150.   60.   Meteorological Conditions     -0271   -0195   -0143   .0165  0048   .0002   ZMLTAM.LDGVnc I/M     .0489   .1353   .1101   .0636   .0502   .0377   .0308   .LDGT1.nc I/M     .0489   .1353   .1101   .0636   .0502   .0377   .0308   .LDGT1.nc I/M     .0489   .1353   .1101   .0636   .0502   .0377   .0308   .LDGT2.I/M     .0489   .1353   .1101   .0639   .0502   .0377   .0308   .LDGT2.I/M     .0106   .0332   .0470   .0699   .0552   .0377   .0308   .LDGT1.nc I/M     .02652   .01611   .02022   .00559   .02199   .00335   .00248   .LDM.VI.nc I/M     .02111   .02022   .00559   .02199   .00335   .00248   .LDM.VI.nc I/M     .02111   .02022   .00559   .02199   .00335   .00248   .LDM     .	2	20.	20.	2.				Receptor 1:	XR, YR, ZR
-180. 20. 2.   Receptor 3: XR, YR, ZR     2.5 5. 68. 3 1000. 0. 150. 60.   Meteorological Conditions     -0271 - 0195 - 0143 0155 - 0006 - 0048 0002 ZMLTAM.LDGV. no I/M     -0101 - 00011 - 00077 0382 - 0006 - 0048 0002 ZMLTAM.LDGV. no I/M     -0489 .1353 .1101 0656 0502 0377 0308 LDGT2.I/M     -0490 0.0332 0470 0699 0502 0377 0308 LDGT2.I/M     -0489 .1353 .1101 0656 0522 0377 0308 .LDGV.no I/M     -0489 .1353 .1101 0656 0522 0377 0308 .LDGT2.I/M     -0100 0.0332 0470 0659 0559 02199 00335 00248 .LDGT2.I/M     -0111 0.0459 01000 - 00211 02199 00335 00248 .LDGT2.I/M     .02552 01611 0222 00559 02199 00335 00248 .LDGT2.no I/M     .01111 00459 01000 - 00211 02199 00335 00248 .LDGT2.no I/M     .01111 00459 01000 - 00211 02199 00335 00248 .LDGT2.no I/M     .02552 01611 0222 00559 02199 00335 00248 .LDGT2.no I/M     .02552 01611 0222 00559 02199 00335 00248 .LDGT2.no I/M     .02652 01611 0222 00559 02199 00335 00248 .LDGT2.no I/M     .01111 00459 01000 - 00211 02199 00335 00248 .LDGT2.no I/M     .02652 01611 0222 00559 02199 00335 00248 .LDGT2.no I/M     .02650 0830 0980 0970 0850 0990 0970 0840 0690 044 JULMYR.LDGV.my ages 1-10     0.0450 01000 - 00211 02199 00335 00248 .LDGT2.my ages 1-10     0.0450 0280 0170 0180 0100 0950 0670 0930 0860 0770 0530 086     .0650 0830 0980 0970 0850 0990 0970 0840 0690 044 JULMYR.LDGV.my ages 1-10 </td <td></td> <td>20.</td> <td>20.</td> <td>2.</td> <td></td> <td></td> <td></td> <td>Receptor 2:</td> <td>XR, YR, ZR</td>		20.	20.	2.				Receptor 2:	XR, YR, ZR
2.5 5. 68. 3 1000. 0. 150. 60. Meteorological Conditions 027101950143 .015500080048 .0002 ZMLTAM.LDGV.no I/M 010000110017 .038200080048 .0002 ILDGT1.no I/M .0489 .1353 .1101 .0596 .0502 .0377 .0308 .LDGT1.no I/M .0499 .1353 .1101 .0596 .0502 .0377 .0308 .LDGT2.I/M .0499 .1353 .1101 .0596 .0502 .0377 .0308 .LDGT2.I/M .0499 .1353 .1101 .0596 .0502 .0377 .0308 .LDGT2.I/M .0469 .1353 .1101 .0596 .0502 .0377 .0308 .LDGT2.I/M .0469 .1353 .1101 .0599 .0502 .0377 .0308 .LDGT2.I/M .0459 .0153 .0470 .0599 .0552 .0377 .0308 .LDGT2.I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT1.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no I/M .02152 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT1.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M .01111 .00459 .01000 .00559 .02199 .00335 .00248 .LDGY.nv ages 1-10 .0430 .0370 .0260 .0500 .0990 .0970 .0840 .0650 .044 .JULKYR.LDGV.mv ages 1-10 .04430 .0370 .0260 .0200 .0150 .0080 .0450 .0450 .046 .LDGY.mv ages 1-10 .0470 .0260 .0180 .0060 .0070 .0590 .037 .LDGT1.mv ages 1-10 .0470 .0260 .0180 .0100 .0880 .0060 .0450 .046 .LDGY.mv ages 1-10 .0470 .0260 .0180 .0100 .0860 .0670 .0590 .036 .LDGT1.mv ages 1-10 .0470 .0260 .0180 .0100 .0860 .0670 .0590 .037 .LDGT2.mv ages 1-10 .0470 .0410 .0280 .0180 .0100 .0860 .0670 .0590 .037 .LDGT2.mv ages 1-10 .0470 .0410 .0280 .0290 .0170 .0440 .0190 .0680 .0470 .056 .LDGT2.mv ages 1-10 .0470 .0410 .0280 .0290 .0170 .0460 .0590 .0470 .056 .LDGT1.mv ages 1-10 .0470 .0410 .0280 .0290 .0170 .0460 .0690 .0470 .	-1	80.	20.	2.		~~		Receptor 3:	XR, YR, ZR
	2.	<b>D D</b> .	68. 3	1000.	0. 150.	60. 000 <i>6</i>	0048	Meteorologi	cal Conditions
		02/1 -	.0195	0143	.0165 -	. 0000	0048	.0002 ZML	IAM.LUGVno I/M
		0101 -		00//	.0382 -	. 0000	0048	.0002	.1/M
- 0100 .0332 .0470 .0099 .0502 .0377 .0306 .LDGT2.1/M .0489 .1353 .1101 .0696 .0502 .0377 .0308 .LDGT2.1/M .0489 .1353 .1101 .0696 .0502 .0377 .0308 .LDGT2.1/M .0489 .1353 .1101 .0696 .0502 .0377 .0308 .LDGT2.1/M .0489 .1353 .0101 .0699 .0552 .0377 .0308 .LDGT2.1/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT1.no 1/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no 1/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no 1/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no 1/M .010000021 .02199 .00335 .00248 .LDGT2.nv ages 1-10 0.0430 .0370 .0260 .0200 .0150 .0110 .0080 .0060 .0450 .044 .UDLWR .LDGVmv ages 11-20 0.0410 .0360 .0280 .0240 .0150 .0110 .0080 .0060 .0450 .044 .LDGV.mv ages 1-20 0.0470 .0410 .0560 .0280 .0140 .0100 .0750 .0470 .0590 .036 .LDGT1.mv ages 1-20 0.0550 .0830 .0980 .0970 .0850 .0990 .0970 .0840 .0630 .007 .LDGT2.mv ages 1-10 0.0430 .0370 .0260 .0200 .0110 .0080 .0060 .0450 .037 .LDGT.mv ages 1-10 0.0430 .0370 .0260 .0200 .0160 .0750 .0470 .0590 .037 .LDGT2.mv ages 1-20 0.0550 .0830 .0980 .0970 .0850 .0990 .0970 .0840 .0690 .044 .LDDV.mv ages 1-20 0.0650 .0830 .0980 .0970 .0850 .0990 .0970 .0840 .0650 .037 .LDGT2.mv ages 1-20 0.0650 .0830 .0980 .0970 .0850 .0970 .0840 .0650 .0450 .LDDT.mv ages 1-20 0.0430 .0370 .0260 .0200 .0170 .0140 .0100 .0980 .0450 .045 .LDDV.mv ages 1-20 0.0450 .0280 .0120 .1180 .0180 .0470 .0	•	0409	. 1353	. 1 101	. 0090	. 0302	.03//	. 0308	LUGII.no I/M
		0490	. 0332	.04/0	. 0099	. 0002	.03//	.0300	
-0100 .032 .0470 .0033 .0002 .0377 .0308 .HDGV.no I/M -0100 .0332 .0470 .0699 .0592 .0377 .0308 .HDGV.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT1.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT2.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT2.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT2.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT2.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT2.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGV.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGV.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGV.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGV.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGV.no I/M .01111 .00459 .0100000210 .00305 .00248 .LDGV.my ages 11-20 .0650.0830.0950.0950.0950.0930.0840.0690.044 JULMYR.LDCV.my ages 11-20 .0640.0350.0260.0200.0170.0140.0100.0080.022 .LDGT1.my ages 11-20 .0650.0280.0110.0050.0070.0830.0860.0770.0590.036 .LDCT2.my ages 11-20 .0760.0980.1260.1070.0750.1040.0970.0830.0610.036 .LDCT2.my ages 11-20 .0470.0350.0280.0240.0200.0170.0140.0930.08610.036 .LDCT2.my ages 11-20 .0470.0410.0280.0180.0110.0080.0060.0050.0471 .LDCT2.my ages 11-20 .0470.0410.0280.0180.0110.0080.0060.0050.0471 .LDCT2.my ages 11-20 .0450.0280.0190.0150.0110.0080.0060.0050.0473 .LDCV.my ages 11-20 .0450.0280.0120.0100.0880.0070.0460.0050.037 .LDCT2.my ages 11-20 .0450.0280.0280.0240.0150.0110.0080.0460.0560.037 .LDCT2.my ages 11-20 .0450.0870.1120.0950.0670.0930.0860.0770.0590.036 .LDDT.my ages 11-20 .0450.0870.0120.0280.0240.0150.0110.0080.0460.0560.0035 .LDDT.my ages 11-20 .0450.0870.0120.0280.0240.0150.0110.0080.0470.056 .HDDV.my ages 11-20 .0450.0450.0280.0240.0150.0110.00480.0470.056 .HDDV.my ages 11-20 .0550.0440.0850.1260.0290.01170.0140.0100.0080.022 .LDDT		0403	. 1353		.0090	.0302	.03//	. 0300	. LUGI 2. 1/M
		0100 0480	1353	1101	.0099	.050Z	.03//	. 0300	HDCV no I/M
		0403	.1333	0470	.0090	0502	.0377	. 0300 A3AB	
. 0133201611 .02022 .00333 .02199 .00335 .00248 .1/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT1.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGV.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGV.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .IDGV.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .IDGV.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .IDGV.no I/M .010000050 .0370 .0260 .0200 .0150 .0100 .00850 .0060 .0065 .0085 .LDGV.my ages 11-20 .0430 .0370 .0260 .0200 .0150 .0110 .0080 .0060 .0050 .0085 .LDGV.my ages 11-20 .06680 .0870 .1120 .0950 .0670 .0930 .0860 .0770 .0590 .036 .LDGT1.my ages 11-20 .0760 .0980 .1260 .1070 .0750 .1040 .0970 .0830 .0610 .035 .LDGT2.my ages 11-20 .0330 .0570 .1040 .1050 .0110 .0880 .0060 .0040 .0030 .007 .LDGT2.my ages 11-20 .0330 .0570 .1040 .1050 .0110 .0880 .0070 .0470 .046 .LDGV.my ages 11-20 .0430 .0370 .0260 .0200 .0170 .0880 .0070 .0470 .046 .LDGV.my ages 11-20 .0450 .0330 .0980 .0970 .0850 .0970 .0840 .0690 .044 .LDDV.my ages 11-20 .0650 .0830 .0980 .0970 .0850 .0970 .0840 .0690 .044 .LDDV.my ages 11-20 .0650 .0830 .0980 .0970 .0850 .0930 .0860 .0770 .0590 .035 .LDDT.my ages 11-20 .0450 .0260 .0200 .0170 .0140 .0100 .0880 .022 .LDDT.my ages 11-20 .0450 .0280 .0180 .0970 .0850 .0960 .0070 .0650 .0083 .LDDV.my ages 11-20 .0360 .0440 .0850 .1260 .0930 .1180 .0980 .1030 .470 .055 .LDDT.my ages 11-20 .0360 .0440 .0850 .1260 .0930 .1180 .0980 .030 .0470 .055 .LDDT.my ages 11-20 .1330 .1450 .1380 .1160 .1230 .1140 .0690 .0040 .022 .LDDT.my ages 11-20 .0350 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0		0100	.0332	.04/0	2 0055	0 0 A	2100 A	135 0024	
. 201102453 .00000011 .0113 .0003 .00248 .LDGT1.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT1.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .I/M 0.0650 .0830 .0980 .0970 .0850 .0990 .0970 .0840 .0690 .044 JULMYR .LDCV .my ages 1-10 0.0430 .0370 .0260 .0150 .0110 .0080 .0060 .0050 .008 .LDGT .my ages 1-10 0.0430 .0370 .0260 .0150 .0170 .0140 .0100 .0080 .022 .LDGT1.my ages 1-20 0.0760 .0980 .1260 .1070 .0750 .1040 .0970 .0830 .0610 .035 .LDGT2.my ages 1-10 0.0360 .0280 .0190 .0150 .0110 .0080 .0060 .0040 .0037 .LDGT2.my ages 1-10 0.0360 .0280 .0190 .0150 .0110 .0080 .0060 .0050 .037 .LDGT2.my ages 1-10 0.0410 .0360 .0280 .0180 .0100 .0880 .0070 .0470 .044 .HDCV .my ages 1-20 0.0560 .0830 .0980 .0970 .0850 .0970 .0840 .0030 .007 .LDGT2.my ages 1-10 0.0430 .0370 .0260 .0180 .0100 .0880 .0070 .0050 .037 .LDGT2.my ages 1-10 0.0430 .0370 .0260 .0180 .0100 .0880 .0070 .0050 .037 .HDCV .my ages 1-10 0.0430 .0370 .0260 .0180 .0100 .0880 .0070 .0850 .037 .HDCV .my ages 1-10 0.0430 .0370 .0260 .0200 .0150 .0110 .0080 .0060 .0050 .085 .LDDV .my ages 1-10 0.0430 .0370 .0260 .0200 .0170 .0140 .0100 .0880 .022 .LDDT .my ages 1-10 0.0430 .0370 .0260 .0200 .0170 .0140 .0100 .0080 .022 .LDDT .my ages 1-20 0.0580 .0830 .1260 .0300 .0770 .0590 .036 .LDDV .my ages 1-20 0.0580 .0440 .0850 .1260 .0330 .1180 .0980 .0040 .023 .HDDV .my ages 1-10 0.0450 .0280 .0240 .0200 .0170 .0140 .0100 .0080 .022 .LDDT .my ages 1-10 0.0450 .0280 .0240 .0200 .0770 .0140 .0100 .0080 .022 .LDDT .my ages 1-10 0.0450 .0280 .0240 .0200 .0770 .0140 .0100 .0080 .022 .LDDT .my ages 1-20 0.3560 .0440 .0850 .1260 .0330 .1180 .0980 .0030 .00470 .056 .LDDV .my ages 1-20 7.330 .145	•	02002 01111	66450	0202	2 .0000 A _ AA21	1 A	2100 00		
.01101   .00459   .01000   .00101   .01101   .00101   .01101   .00101   .01101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .00101   .0010101   .00101   .00101	•	02652	01611	A202	2 0021	a a	2199 .00	335 0024	
. 021652 .01611 .02022 .00559 .02199 .00335 .00248 .LDGT2.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .LDGT2.no I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .IDGT.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .IDGT .00459 .0100000211 .02199 .00335 .00248 .I/M .0111 .00459 .0100000211 .02199 .00335 .00248 .I/M .0111 .00459 .0100000211 .02199 .00335 .00248 .I/M .0111 .00459 .0100000211 .02199 .00335 .00248 .IDGT .00430 .0370 .0260 .0200 .0150 .0110 .0080 .0060 .0050 .008 .LDGTmy ages 1-10 .0430 .0370 .0260 .0200 .0150 .0110 .0080 .0060 .0050 .008 .LDGTmy ages 1-10 .0410 .0360 .0280 .0240 .0200 .0170 .0140 .0100 .0080 .022 .LDGTmy ages 1-10 .0360 .0280 .0240 .0200 .0170 .0140 .0100 .0080 .022 .LDGTmy ages 1-10 .0360 .0280 .0190 .0150 .0110 .0280 .0060 .0040 .0030 .007 .LDGT2 .my ages 1-10 .0360 .0280 .0190 .0150 .0110 .0280 .0060 .0040 .0030 .007 .LDGT2 .my ages 1-10 .0470 .0410 .0280 .0180 .0100 .0080 .0070 .0060 .0050 .037 .HDGV .my ages 1-10 .0470 .0410 .0280 .0180 .0100 .0080 .0070 .0060 .0050 .037 .HDGV .my ages 1-10 .0430 .0370 .0260 .0200 .0150 .0110 .0080 .0060 .0050 .037 .HDGV .my ages 1-10 .0430 .0370 .0260 .0200 .0150 .0110 .0080 .0060 .0050 .036 .LDDTmy ages 1-10 .0430 .0370 .0260 .0200 .0150 .0110 .0080 .0060 .0050 .036 .LDDTmy ages 1-10 .0410 .0360 .0280 .0070 .0860 .0770 .0590 .036 .LDDTmy ages 1-20 .0360 .0440 .0850 .1260 .0970 .0860 .0070 .0060 .0050 .0040 .023 .HDDV .my ages 1-10 .0410 .0360 .0280 .0240 .0200 .0170 .0140 .0100 .0080 .022 .LDDTmy ages 1-10 .0410 .0360 .0280 .0170 .0090 .0070 .0060 .0050 .0040 .023 .HDDV .my ages 1-10 .0450 .0440 .0850 .1260 .0970 .0860 .0050 .0040 .023 .HDDV .my ages 11-20 .0360 .0440 .0850 .1260 .0970 .0860 .0000 .0000 .0000 .0000 .MCmy ages 11-20 .0350 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .MCmy ages 11-20 .0350 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .MCmy ages 11-20 .0350 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0007 .001 .012 .008 0.40 .08 .12 .14 .	•	01111	00459	0100	0 - 0000	1 0	2199 .00	335 0024	
.01111 .00459 .0100000211 .02199 .00335 .00248 .I/M .02652 .01611 .02022 .00559 .02199 .00335 .00248 .HDGV.no I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .I/M .01111 .00459 .0100000211 .02199 .00335 .00248 .I/M .01111 .00459 .010000211 .02199 .00335 .00248 .I/M .01111 .00459 .0100 .050.0190 .0050 .0050 .008 .LDGV.my ages 110 .0430.0370.0260.0200 .0150 .0110 .0080 .0060 .0050 .008 .LDGV.my ages 120 .0680.0870 .1120 .0950 .0670 .0930 .0860 .0770 .0590 .036 .LDGT1.my ages 1-10 .0410 .0360 .0280 .0240 .0200 .0170 .0140 .0100 .0080 .0022 .LDGT1.my ages 1-10 .0360 .0280 .0190 .0150 .0110 .0080 .0060 .0040 .0030 .007 .LDGT2.my ages 120 .0360 .02570 .1040 .1050 .0110 .0080 .0060 .0040 .0030 .007 .LDGT2.my ages 11-20 .0330 .05770 .1040 .1050 .0110 .0080 .0060 .0040 .0030 .007 .LDGT2.my ages 11-20 .0470 .0410 .0280 .0180 .0100 .0050 .0070 .0860 .0050 .037 .HDGV.my ages 11-20 .0650 .0830 .0980 .0970 .0850 .0990 .0970 .0840 .0690 .044 .LDDV.my ages 11-20 .0650 .0830 .0980 .0970 .0850 .0990 .0970 .0840 .0690 .044 .LDDV.my ages 11-20 .06680 .0870 .1120 .0950 .0670 .0930 .0860 .0770 .0590 .036 .LDDT.my ages 11-20 .0680 .0870 .1120 .0950 .0670 .0930 .0860 .0770 .0590 .036 .LDDT.my ages 11-20 .0410 .0360 .0280 .0240 .0200 .0170 .0140 .0100 .0088 .022 .LDDT.my ages 11-20 .0360 .0440 .0280 .0170 .0090 .0070 .0060 .0050 .0040 .023 .HDDV.my ages 11-20 .0360 .0440 .0280 .0170 .0090 .0070 .0060 .0050 .0040 .023 .HDDV.my ages 11-20 .0360 .0440 .0280 .0240 .0200 .0170 .0060 .0050 .0040 .023 .HDDV.my ages 11-20 .0360 .0440 .0280 .0240 .0200 .0170 .0060 .0050 .0040 .023 .HDDV.my ages 11-20 .0360 .0440 .0280 .0200 .0170 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .0000 .000	•	02652	01611	0202	2 0055	9 .0	2199 00	335 .0024	
. 02652 . 01611 . 02022 . 00559 . 02199 . 00335 . 00248 . HDGV.no I/M .01111 . 00459 . 0100000211 . 02199 . 00335 . 00248 . I/M 0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044 JULMYR.LDGVmy ages 1-10 0.0430.0370.0260.0200.0150.0110.0080.0060.0050.008 LDGV.my ages 11-20 0.0680.0870.1120.0950.0670.0930.0860.0770.0590.036 . LDGT1.my ages 11-20 0.0680.0870.1260.1070.0750.1040.0100.0880.0610.036 . LDGT2.my ages 1-10 0.0360.0280.0190.0150.0110.0080.0060.0040.0030.007 . LDGT2.my ages 1-10 0.0360.0280.0190.0150.1010.1250.1000.0750.0470.046 . HDGV.my ages 11-20 0.0330.0570.1040.1050.1010.1250.1000.0750.0470.046 . HDGV.my ages 11-20 0.0470.0410.0280.0180.0100.0080.0070.0600.0050.007 . LDGT2.my ages 1-10 0.0470.0410.0280.0180.0100.0080.0060.0040.0030.007 . LDGT2.my ages 1-10 0.0430.0370.0260.0200.0150.0110.0080.0060.0050.047 . LDGV.my ages 11-20 0.0550.0830.0980.0970.0850.0990.0970.0840.0650.037 . HDGV.my ages 11-20 0.0560.0830.0980.0970.0850.0990.0970.0840.0650.008 . LDDV.my ages 11-20 0.0430.0370.0260.0200.0170.0140.0100.0080.0022 . LDDT.my ages 11-20 0.0580.0870.1120.0950.0670.0930.0860.0770.0590.036 . LDDT.my ages 11-20 0.0410.0360.0280.0240.0200.0170.0140.0100.0080.0023 . HDDV.my ages 11-20 0.0360.0440.0850.1260.0930.1180.0980.1030.0470.056 . HDDV.my ages 11-20 0.0360.0440.0850.1260.0930.0110.0060.00050.0040.023 . HDDV.my ages 11-20 0.0360.0440.0850.1260.0930.0110.0060.0000.0000.0000 . MCmy ages 11-20 0.0360.0440.0850.1260.0930.01140.0100.0080.0023 . HDDV.my ages 11-20 0.0360.0440.0850.1260.0930.01140.0100.0080.0023 . HDDV.my ages 11-20 0.0350.0000.0000.0000.0000.0000.0000.00		01111	.00459	.0100	0 - 0021	1 .0	2199 .00	335 .0024	
.01111 .00459 .0100000211 .02199 .00335 .00248 .I/M 0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044 JULMYR.LDGV.my ages 1-10 0.0430.0370.0260.0200.0150.0110.0080.0060.00590.038 .LDGV.my ages 11-20 0.0680.0870.1120.0950.0670.0930.0860.0770.0590.038 .LDGT1.my ages 1-10 0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022 .LDGT1.my ages 1-10 0.0360.0280.0190.0150.0110.0880.0060.0040.036 .LDGT2.my ages 11-20 0.0360.0280.0190.0150.0110.0880.0060.0040.036 .LDGT2.my ages 1-10 0.0360.0280.0190.0150.0110.0880.0060.0040.0330.007 .LDGT2.my ages 1-10 0.0330.0570.1040.1050.1010.1250.1000.0750.0470.046 .HDGV.my ages 11-20 0.0330.0570.0440.0280.0180.0100.0880.0070.0060.0050.037 .HDGV.my ages 11-20 0.0470.0410.0280.0180.0100.0880.0070.0840.0690.044 .LDDV.my ages 11-20 0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044 .LDDV.my ages 11-20 0.0650.0830.0980.0240.0200.0170.0140.0100.0080.022 .LDDT.my ages 1-10 0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022 .LDDT.my ages 1-10 0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022 .LDDT.my ages 1-10 0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022 .LDDT.my ages 11-20 0.0360.0440.0850.1260.0930.1180.0980.1030.0470.056 .HDDV.my ages 1-10 0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022 .LDDT.my ages 1-10 0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022 .LDDT.my ages 1-10 0.0450.0840.0850.1260.0930.1180.0980.1030.0470.056 .HDDV.my ages 11-20 0.0360.0440.0850.1260.0930.1180.0980.1030.0470.056 .HDDV.my ages 11-20 0.0360.0440.0850.1260.0930.1180.0980.0050.0040.023 .HDDV.my ages 11-20 0.0350.0000.0000.0000.0000.0000.0000.00		02652	.01611	.0202	2 .0055	9 .0	2199 .00	335 .0024	B. HDGV. no I/M
0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044   JULMYR.LDGV.my ages 1-10     0.0430.0370.0260.0260.0150.0110.0080.0660.0050.008   LDGV.my ages 11-20     0.0680.0870.1120.0950.0670.0930.0860.0770.0590.036   LDGT1.my ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   LDGT1.my ages 11-20     0.0760.0980.1260.1070.0750.1040.0970.0830.0610.036   LDGT2.my ages 11-20     0.0360.0280.0190.0150.0110.0080.0060.0040.0030.007   LDGT2.my ages 11-20     0.0350.0570.1040.1050.1010.1250.1000.0750.0470.046   HDGV.my ages 11-20     0.0350.0570.1040.1050.0110.0080.0060.0040.0030.007   LDGT2.my ages 11-20     0.0450.0280.0190.0150.0110.0080.0070.0660.0040   HDGV.my ages 11-20     0.0450.0280.0190.0150.0110.0080.0070.0660.0050.037   HDGV.my ages 11-20     0.0450.0280.0980.0970.0850.0990.0970.0840.0690.044   LDDV.my ages 11-20     0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044   LDDV.my ages 11-20     0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044   LDDV.my ages 11-20     0.0450.0280.0240.0200.0170.0140.0100.0880.022   LDDT.my ages 11-20     0.0450.0280.0240.0290.0170.0140.0100.0880.022   LDDT.my ages 11-20     0.0450.0290.0170.0090.0070.0060.0050.0040.023   HDDV.my ages 11-20     0.0450.0290.0170.0090.0070.0060.0050.0040.023   HDDV.my ages 11-20     0.0450		01111	.00459	.0100	00021	1 .0	2199 .00	335 .0024	. I/M
0.0430.0370.0260.0260.0150.0110.0080.0060.0050.008   LDGV.my ages 11-20     0.0680.0870.1120.0950.0670.0930.0860.0770.0590.036   LDGT1.my ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0970.0830.0610.036   LDGT2.my ages 11-20     0.0760.0980.1260.1070.0750.1040.0970.0830.0610.036   LDGT2.my ages 11-20     0.0360.0280.0190.0150.0110.0080.0060.0040.0030.007   LDGT2.my ages 11-20     0.0360.0280.0190.0150.0110.0080.0060.0040.0030.007   LDGT2.my ages 11-20     0.0330.0570.1040.1050.1010.1250.1000.0750.0470.046   HDGV.my ages 1-10     0.0470.0410.0280.0180.0100.0850.0990.0970.0840.0690.044   LDDV.my ages 1-10     0.0450.0830.0980.0970.0850.0990.0970.0840.0690.044   LDDV.my ages 1-10     0.0430.0370.0260.0200.0150.0110.0080.0060.0050.008   LDDV.my ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   LDDT.my ages 1-20     0.0360.0440.0850.1260.0930.1180.0980.1030.0470.056   HDDV.my ages 1-10     0.0450.0290.0170.0090.0070.0660.0050.0040.023   HDDV.my ages 1-20     0.0350.0280.0290.0170.0090.0007.0060.0050.0040.023   HDDV.my ages 1-20     0.0450.0290.0170.0090.0007.0060.0050.0040.023   HDDV.my ages 1-20     0.0450.0290.0170.0090.0007.0060.0050.0040.023   HDDV.my ages 1-20     0.0450.0290.0170.0090.0007.0060.0050.0040.023   HDDV.my ages 1-20     0.1350.14	0.06	50.0830	.0980.0	970.0850	.0990.097	0.0840	.0690.044	JULWYR LDGV	.my ages 1-10
0.0680.0870.1120.0950.0670.0930.0860.0770.0590.036   .LDGT1.my ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   .LDGT1.my ages 11-20     0.0760.0980.1260.1070.0750.1040.0970.0830.0610.036   .LDGT2.my ages 11-20     0.0360.0280.0190.0150.0110.0080.0060.0040.0030.007   .LDGT2.my ages 11-20     0.0330.0570.1040.1050.1010.1250.1000.0750.0470.046   .LDGV.my ages 1-10     0.0470.0410.0280.0180.0100.0080.0070.0060.0050.037   .LDCV.my ages 1-10     0.0450.0830.0980.0970.0850.0990.0970.0840.0690.044   .LDDV.my ages 1-10     0.0450.0370.0260.0200.0150.0110.0080.0060.0050.008   .LDDV.my ages 1-10     0.0450.0870.1120.0950.0670.0930.0860.0770.0590.036   .LDDV.my ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   .LDDV.my ages 1-10     0.0450.0280.0240.0200.0170.0140.0100.0080.022   .LDDV.my ages 1-10     0.0450.0280.0240.0200.0170.0140.0100.0080.022   .LDDV.my ages 1-20     0.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDDV.my ages 1-20     0.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDDV.my ages 1-20     0.0850.0000.0000.0000.0000.0000.0000.00	0.04	30.0370	.0260.0	200.0150	.0110.008	0.0060	.0050.008	. LDGV	.my ages 11-20
0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   LDGT1.my ages 11-20     0.0760.0980.1260.1070.0750.1040.0970.0830.0610.036   LDGT2.my ages 1-10     0.0360.0280.0190.0150.0110.0080.0060.0040.0030.007   LDGT2.my ages 11-20     0.0330.0570.1040.1050.1010.1250.1000.0750.0470.046   HDGV.my ages 1-10     0.0470.0410.0280.0180.0100.0080.0070.0060.0050.037   HDGV.my ages 1-10     0.0450.0880.0970.0850.0990.0970.0840.0690.044   LDDV.my ages 1-10     0.0450.0870.1120.0950.0670.0930.0860.0770.0590.036   LDDT.my ages 1-20     0.0680.0870.1120.0950.0670.0930.0860.0770.0590.036   LDDT.my ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   LDDT.my ages 1-20     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   LDDT.my ages 1-20     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   LDDT.my ages 1-20     0.0450.0290.0170.0090.0070.0060.0050.0040.023   HDDV.my ages 1-20     0.0490.0450.0290.0170.0090.0070.0060.0050.0040.023   HDDV.my ages 1-20     0.1330.1450.1380.1160.1230.1140.0690.0440.0240.009   MCmy ages 11-20     0.0850.0000.0000.0000.0000.0000.0000.00	0.06	80.0870	.1120.0	950.0670	.0930.086	0.0770	.0590.036	, LDGT	l.my ages 1-10
0.0760.0980.1260.1070.0750.1040.0970.0830.0610.036   .LDGT2.my ages 1-10     0.0360.0280.0190.0150.0110.0080.0060.0040.0030.007   .LDGT2.my ages 11-20     0.0330.0570.1040.1050.1010.1250.1000.0750.0470.046   .HDGV.my ages 1-10     0.0470.0410.0280.0180.0100.0080.0070.0060.0050.037   .HDGV.my ages 1-10     0.0470.0410.0280.0180.0100.0080.0070.0060.0050.037   .HDGV.my ages 1-10     0.0430.0370.0260.0200.0150.0110.0080.0060.0050.008   .LDDT.my ages 1-10     0.0430.0370.0260.0200.0150.0110.0080.0060.0050.008   .LDDT.my ages 1-10     0.0430.0370.0260.0200.0170.0930.0860.0770.0590.036   .LDDT.my ages 1-20     0.0650.0880.0270.0110.0080.0060.0050.008   .LDDT.my ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0180.0080.022   .LDDT.my ages 1-10     0.0410.0360.0280.0290.0170.0090.0070.0060.0050.0040.023   .HDDV.my ages 1-20     0.0490.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDDV.my ages 1-10     0.0490.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDDV.my ages 1-10     0.0850.0000.0000.0000.0000.0000.0000.00	0.04	10.0360	.0280.0	240.0200	.0170.014	0.0100	.0080.022	. LDGT	l.my ages 11-20
0.0350.0280.0190.0150.0110.0080.0060.0040.0030.007   .LDGT2.my ages 11-20     0.0330.0570.1040.1050.1010.1250.1000.0750.0470.046   .HDGV.my ages 1-10     0.0470.0410.0280.0180.0100.0080.0070.0060.0050.037   .HDGV.my ages 1-20     0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044   .LDDV.my ages 1-20     0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044   .LDDV.my ages 1-20     0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044   .LDDV.my ages 1-20     0.0650.0870.1120.0950.0670.0930.0860.0770.0590.036   .LDDT.my ages 1-20     0.0680.0870.1120.0950.0670.0930.0860.0770.0590.036   .LDDT.my ages 1-20     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   .LDDT.my ages 1-20     0.0450.0240.0290.0170.0909.0070.0060.0050.0040.023   .HDDV.my ages 1-20     0.0490.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDDV.my ages 1-20     0.1330.1450.1380.1160.1230.1140.0690.0440.0240.009   .MCmy ages 11-20     0.850.0000.0000.0000.0000.0000.0000.000	0.07	60.0980	.1260.1	070.0750	.1040.097	0.0830	.0610.036	. LDGT2	2.my ages 1—10
0.0330.0570.1040.1050.1010.1250.1000.0750.0470.046   .HDGVmy ages 110     0.0470.0410.0280.0180.0100.0080.0070.0060.0050.037   .HDGVmy ages 11-20     0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044   .LDDV.my ages 1-10     0.0430.0370.0260.0200.0150.0110.0080.0060.0050.008   .LDDV.my ages 1-10     0.0430.0370.0260.0200.0150.0110.0080.0060.0050.008   .LDDV.my ages 1-10     0.0430.0370.0260.0200.0150.0110.0080.0022   .LDDT.my ages 1-10     0.0430.0370.0260.0280.0240.0200.0170.0140.0100.0080.022   .LDDT.my ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   .LDDT.my ages 1-10     0.0410.0360.0280.0240.0200.0170.0060.0050.0040.023   .HDVV.my ages 1-10     0.0450.0440.0850.1260.0930.1180.0980.1030.0470.056   .HDVV.my ages 1-10     0.0450.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDVV.my ages 1-10     0.0450.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDVV.my ages 11-20     0.1330.1450.1380.1160.1230.1140.0690.0440.0240.009   .MCmy ages 11-20     0.850.0000.0000.0000.0000.0000.0000.000	0.03	60.0280	.0190.0	150.0110	.0080.006	0.0040	. 0030 . 007	. LDGT2	2.my ages 11-20
0.0470.0410.0280.0180.0100.0080.0070.0060.0050.037   .HDGVmy ages 11-20     0.0650.0830.0980.0970.0850.0990.0970.0840.0690.044   .LDDVmy ages 1-10     0.0430.0370.0260.0200.0150.0110.0080.0060.0050.008   .LDDVmy ages 11-20     0.0680.0870.1120.0950.0670.0930.0860.0770.0590.036   .LDDVmy ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   .LDDTmy ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   .LDDTmy ages 1-10     0.0430.0440.0850.1260.0930.1180.0980.1030.0470.056   .HDVV.my ages 1-20     0.0450.0440.0850.1260.0930.01140.0960.0050.0040.023   .HDVV.my ages 1-10     0.0450.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDVV.my ages 1-10     0.0450.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDVV.my ages 1-10     0.0450.0450.1380.1160.1230.1140.0690.0440.0240.009   .MCmy ages 11-20     0.1330.1450.1380.1160.1230.1140.0690.0000.0000.0000   .MCmy ages 11-20     1.00 21.5 30.6   29.4   .743   .127   .082   .020   .007   .001   .012   .008     0.40 .08 .12 .14 .09 .10 .15 85.65.   Optional correction factors   ATP parame: 1988-1979   ATP parame: 1988-1979   ATP parame: 1988-2020   .007   .001   .012   .008   .002   .002   .002   .	0.03	30.0570	.1040.1	050.1010	.1250.100	0.0750	.0470.046	. HDGV	.my ages 1-10
0.06550.0830.0980.0970.0850.0990.0970.0840.0690.044   .LDDVmy ages 1-10     0.0430.0370.0260.0200.0150.0110.0080.0060.0050.008   .LDDVmy ages 11-20     0.0680.0870.1120.0950.0670.0930.0860.0770.0590.036   .LDDTmy ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0880.022   .LDDTmy ages 11-20     0.0500.0440.0850.1260.0930.1180.0980.1030.0470.056   .HDDVmy ages 11-20     0.0430.0450.0290.0170.090.0070.0600.0050.0040.023   .HDDVmy ages 1-10     0.0490.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDDVmy ages 1-10     0.0450.0450.0290.0170.0090.00070.0060.0050.0040.023   .HDDVmy ages 1-10     0.0450.0450.0290.0170.0000.0000.0000.0000.0000.0000   .MCmy ages 1-10     0.0450.0450.0290.0170.0000.0000.0000.0000.0000.0000   .MCmy ages 1-10     0.0450.0290.0170.0000.0000.0000.0000.0000.0000   .MCmy ages 1-20     1.300.1450.1380.1160.1230.1140.0690.0440.0240.009   .MCmy ages 11-20     78 20 1 75 83   I/M parameters     1 00 21.5 30.6   29.4   .743   .127   .082   .020   .007   .001   .012   .008   .040   .040   .040   .012   .008   .040   .040   .012   .008   .040   .040   .012   .008   .040   .040	0.04	70.0410	.0280.0	180.0100	. 0080 . 007	0.0060	.0050.037	. HDGV	.my ages 11-20
0.0430.0370.0260.0200.0150.0110.0080.0060.0050.008   .LDDVmy ages 11-20     0.0680.0870.1120.0950.0670.0930.0860.0770.0590.036   .LDDTmy ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   .LDDTmy ages 11-20     0.0560.0440.0850.1260.0930.1180.0980.1030.0470.056   .HDDVmy ages 1-10     0.0410.0360.0290.0170.0090.0070.0660.0050.0040.023   .HDDVmy ages 1-20     0.0560.0440.0850.1260.0930.1180.0980.1030.0470.056   .HDDVmy ages 1-10     0.0450.0290.0170.0090.0070.0660.0050.0040.023   .HDDVmy ages 1-10     0.0450.0290.0170.0090.0000.0000.0000.0000   .MCmy ages 11-20     0.1330.1450.1380.1160.1230.1140.0690.0440.0240.009   .MCmy ages 11-20     0.0850.0000.0000.0000.0000.0000.0000.00	0.06	50.0830	. 0980 . 0	970.0850	.0990.097	0.0840	.0690.044	. LDDV	.my ages 1–10
0.0688.0870.1120.0950.0670.0930.0860.0770.0590.036   .LDDTmy ages 1-10     0.0410.0360.0280.0240.0200.0170.0140.0100.0880.022   .LDDTmy ages 11-20     0.0360.0440.0850.1260.0930.1180.0980.1030.0470.056   .HDDVmy ages 1-10     0.0490.0450.0290.0170.0090.0070.0660.0050.0040.023   .HDDVmy ages 1-10     0.0490.0450.0290.0170.0090.0070.0660.0050.0040.023   .HDDVmy ages 1-10     0.0490.0450.0290.0170.0090.0007.0060.0050.0040.023   .HDDVmy ages 1-10     0.0450.0000.0000.0000.0000.0000.0000.00	0.04	30.0370	.0260.0	200.0150	.0110.008	0.0060	.0050.008	. LDDV	my ages 11-20
0.0410.0360.0280.0240.0200.0170.0140.0100.0080.022   .LDDTmy ages 11-20     0.0360.0440.0850.1260.0930.1180.0980.1030.0470.056   .HDDVmy ages 1-10     0.0490.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDDVmy ages 11-20     0.1330.1450.1380.1160.1230.1140.0690.0440.0240.009   .MCmy ages 11-20     0.0850.0000.0000.0000.0000.0000.0000.00	0.06	80.0870	.1120.0	950.0670	.0930.086	0.0770	.0590.036	. LDDT	my ages 1—10
0.0356.0440.0850.1260.0930.1180.0980.1030.0470.056   .HDDVmy ages 1-10     0.0490.0450.0290.0170.0090.0070.0060.0050.0040.023   .HDDVmy ages 11-20     0.1330.1450.1380.1160.1230.1140.0690.0440.0240.009   .MCmy ages 1-10     0.0850.0000.0000.0000.0000.0000.0000.00	0.04	10.0360	.0280.0	240.0200	.0170.014	0.0100	.0080.022	. LDDT	my ages 11–20
0.0490.0450.0290.0170.0090.0070.0050.0050.0040.023   .HDDVmy ages 11-20     0.1330.1450.1380.1160.1230.1140.0690.0440.0240.009   .MCmy ages 1-10     0.0850.0000.0000.0000.0000.0000.0000.00	0.03	60.0440	.0850.1	260.0930	.1180.098	0.1030	.0470.056	HDDV	my ages 1–10
0.1530.1450.1580.1160.1230.1140.0590.0440.0240.009   .MCmy ages 1-10     0.0850.0000.0000.0000.0000.0000.0000.00	0.04	90.0450	.0290.0	170.0090	.0070.006	0.0050	.0040.023	HDDV	.my ages 11-20
0.0030.0000.0000.0000.0000.0000.0000.0	0.13	30.1450	.1380.1	160.1230	.1140.069	0.0440	.0240.009	.MC	.my ages 1-10
70   20   1   70   20   1   70   21   743   127   082   020   007   001   012   008     0.40   .08   .12   .14   .09   .10   .15   85   65   Optional correction factors     84   68   79   2221   ATP params: 1968–1979     ATP params: 1988–2020	0.00	0000.0000	. 6666.6	0000.0000	. 0000 . 0000	0.0000	. 0000 . 0000	.MU	my ages 11-20
1 00   21.5   30.0   23.4   .127   .002   .007   .001   .012   .008     0.40   .08   .12   .14   .09   .10   .15   85.   65.   Optional correction factors     84   68   79   2221   ATP params: 1968–1979     ATP params: 1968–2020   ATP params: 1968–2020	1 20	0 1 /S		20 4 7	107	092	020 00	⊥/wiparamiete	55 12 009
eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta     eta <td>1 00</td> <td>21.0 AB 4</td> <td>2 14</td> <td>2<b>9.4</b> ./* 00 10</td> <td>₩J .1∠/ 48.98 £€</td> <td>.002</td> <td>.020 .00</td> <td>Optional as</td> <td>12 .000</td>	1 00	21.0 AB 4	2 14	2 <b>9.4</b> ./* 00 10	₩J .1∠/ 48.98 £€	.002	.020 .00	Optional as	12 .000
GT 00 /3 2221 AIF purumat: 1900-19/3 AIP purumat: 1900-19/3 AIP purumat: 1980-2020	94 6	.00.1	∡ . च .' 21	09.10.	13 63. 63	•		ATP paramet	1068_1070
	84 8	0 79 22	21					ATP parame	1980-2020

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Figure 21 Input Data Cards Used in Example 6

****	*** TAMU INTERSECTION MODEL -	TEXIN2 ********************	******
TITLE: User's Guide Example Six for t	he TEXIN2 ModelWorst Case Wi	nd Angle Analysis	
METEOROLOGICAL CONDITIONS:			
Wind Speed = 2.5 m/s	Stability Class = 3 (C	) Surface Roughness	= 150. cm
Temperature = 5. deg / Temperature = 68.0 F	Ambient Concentration = 0.0	.m Averaging lime ppm	= 60. min
61 			

COMMENT: Wind angle will be incremented from 0 to 360 deg by 5.0 deg for worst case analysis.

INTERSECTION INFORMAT	ION:
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Туре	= Signalized	Cycle Length	=	100.0 sec	Signal Pha	ses = 5
Delay Links	= 3	Non-Delay Links	=	0	TFLAG	= 0
Intersection	Calculational	Procedure: CMA Operations & Design		•		

 LINK SUMMARY														
<u>L ink</u>	Түре	<u>Width</u>	<u>Height</u>	VPHI	<u>VSP</u>	<u>NLN</u>	NLTL	NRTL	FLT	FRT	LTFLG	THWIDE	LTWIDE	
1	AG	15.0	0.0	300.	45.0	2	ο	ο	. 1000	.0500	ο	3.66	3.66	
2	AG	17.0	0.0	700.	45. <b>0</b>	2	i	0	. 1500	. 2000	i	3.66	3.66	
з	AG	15.0	0.0	275.	45.0	2	0	0	.0500	. 1500	ο	3.66	3.66	
4	AG	17.0	0.0	650.	45.0	2	1	0	. 1000	. 1000	1	3.66	3.66	



**TEXIN2** Output for Example 6





Figure 22

				MOB 1	LEJ INSPEC	TION/MAIN	TENANCE PRO	GRAM			
Start y First n	/ear (Ja nodel ye	nuary 1): ear covered:	78 75	Pre-1	1981 MYR s1	tringency	rate: 20%	Mecha Last	nic traini model year	ng progra covered:	m?: No 83
		Vehic	le types (	v covered:	LDGV						
		1981 8 1981 8	later M) later M)	(R test typ (R test cut	e: I points: 3	dle 0.0% 100					
						-					
			¥,								
				MOBILE3 E	MISSION FA	CTORS (GR	AMS CO/VEHI	CLE MILE)-			
		Scenario	D: Region Year PCCN PCHC PCCC Altitu	n = 1 = 2000 = 21.5 = 30.6 = 29.4 ute= 500.0	Ver ) ft	nicle Mix:	LDGV = 0. LDGT1= 0. LDGT2= 0. HDGV = 0.	743 127 082 020	LDDV LDDT HDDV MC	/ = 0.007 = 0.001 / = 0.012 ≠ 0.008	
			A/C Co Extra Traile	orrections- Load (LDGV er in Tow (	AC (DB / / LDGT1 / LDGV / LDG	/ WB (F)): / LOGT2): GT1 / LOGT	0.5 (85. 0.080 / 0.1 2): 0.090 /	0 / 65.0) 20 / 0.140 7 0.100 / 0	. 150		
_	Speed	LDGV	_LDGT1_	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	LDGT	All Modes
	45.0	8.7	12.5	13.6	14.9	0.7	0. <b>8</b>	5.1	9.0	12.9	9.6
	35.0	13.4	19.5	21.1	16.4	0.8	0.9	5.9	11.6	20.1	14.7
	10.0	40.1	59.3	63.6	55.3	2.6	3.0	19.2	43.9	61.0	44.3
				MOBIL	E3 IDLE EN	AISSION RA	TE (GRAMS C	CO/MIN)			
		LDGV 5.9	LOGT 1 1 . 6	LDGT2 1.5	HDGV 1.7	LDDV 0.2	<u>LDDT</u> 0.4	HDDV 0.9	<u>MC</u> 2.5	LDGT 1.6	<u>All Modes</u> 4.8

Figure 22

**TEXIN2** Output for Example 6 (Continued)

.



Speed	LDGV	LOGT 1	LDGT2	HDGV	LDOV	LODT	HDDV	MC	LDGT	All Modes
45.0	8.7	12.5	13.6	14.9	0.7	0.8	5.1	9.0	12.9	9.6
35.0	13.4	19.5	21.1	16.4	0.8	0.9	5.9	11.6	20.1	14.7
10.0	40.1	59.3	63.6	55.3	2.6	3.0	19.2	43.9	61.0	44.3
			MOBILE	E3 IDLE EM	ISSION RATE	(GRAMS (	CO/MIN)			
	LDGV 5.9	LDGT1 1.6	LDGT2 1.5	<u>HDGV</u> 1.7	LDDV 0.2	<u>LDDT</u> 0.4	<u>HDDV</u> 0.9	<u>MC</u> 2.5	<u>L'DGT</u> 1.6	All Modes 4.8



			MOBILE3	Anti-Tampering	Program	Data		
Start year	(January	1): 1984	First model	year covered:	1980	Last model	year covered:	2020
		Vehicle <sup>(</sup> types ** <sup>5</sup> ** ANNUAL : If ** C/ **	COVERED: LDGV NSPECT AIR PUMP, C ANISTER & PCV	, LDGT1, LDGT: ATALYST, FUEL	2 Inlet (AI	ND PLUMBTESMO),		

MOBILE3 EMISSION FACTORS (GRAMS CO/VEHICLE MILE)												
	_Speed	LDGV	LDGT 1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	LDGT	All Modes	
	45.0	7.4	8.6	9.3	14.9	0.7	0.8	5.1	9.0	8.8	7.8	
	35.0	11.5	13.3	14.4	16.4	0.8	0.9	5.9	11.6	13.8	11.9	
	10.0	34.4	40.7	43.4	55.3	2.6	3.0	19.2	43.9	41.8	36.0	
	MOBILE3 IDLE EMISSION RATE (GRAMS CO/MIN)											
		<u>LDGV</u> 5.9	LDGT 1 1.6	LDGT2 1.5	HDGV 1.7	LDDV 0.2	<u>LDDT</u> 0.4	HDDV O.9	<u>MC</u> 2.5	LDGT 1.6	<u>All Modes</u> 4.8	



Volume/Capacity= 0.45 Fraction of Excess Stopped Delay= 12.0 sec/veh Emissions Due to: Approach Delay= 17.1 sec/veh Vehicles Idling= 0.19 Time in Queue= 14 7 sec/veh Vehicles Turning= 0.06 Fraction Stopping= 0.54 Vehicles Stopping & Slowing= 0.75 For Link 9: Reserve Čapacitv≖ 16. veh Fraction of Excess Stopped Delay= 39.0 sec/veh Emissions Due to: Approach Delay= 52.7 sec/veh Vehicles Slowing= 0,10 Time in Queue= 49.4 sec/veh Vehicles Stopping= 0.44 Fraction Stopping= 1.00 Vehicles Idling= 0.46 For Link 10: Reserve Capacity= 37. veh Fraction of Excess Stopped Delay= 37.8 sec/veh Emissions Due to: Approach Delay= 51.1 sec/veh Vehicles Slowing= 0.10 Time in Dueue= 47.8 sec/veh Vehicles Stopping= 0.45 Fraction Stopping= 1.00 Vehicles Idling= 0.45 For Link 11: Reserve Capacity= 35. veh Fraction of Excess Stopped Delay= 37.9 sec/veh Emissions Due to: Approach Delay= 51.1 sec/veh Vehicles Slowing= 0.15 Time in Queue= 47.9 sec/veh Vehicles Stopping= 0.37 Fraction Stopping= 0.80 Vehicles Idling= 0.47

### Figure 22

Link	<u></u>	<u>YL 1</u>	XL2	YL2	Length	VEH/HR	Speed	MGM_CO/M-SEC
1	0.0	0.0	0.0	1000.0	1000.0	725.	45.0	0. <b>98</b>
2	, 0.0	0.0	1000.0	0.0	1000.0	1291	45.0	1.74
З	0.0	0.0	500.0	-866.0	1000.0	700.	45.0	0.94
4	Ο.Ο	0.0	- 1000 . 0	0.0	1000.0	1134.	45.0	1.53
5	0.0	0.0	0.0	17.9	17.9	725.	45.0	23.66
6	0.0	0.0	41.8	0.0	41.8	1291.	45.0	23.63
7	0.0	0.0	8.2	-14.2	16.4	700.	45.0	23.62
8	0.0	0.0	-38.8	0.0	38.8	1134.	45.0	20.23
9	-200.0	0.0	-200.0	1000.0	1000.0	140.	<b>35</b> .0	0. <b>29</b>
10	-200.0	0.0	-200.0	- 1000 . 0	1000.0	120.	35.0	0.25
11	200.0	0.0	200.0	1000.0	1000.0	130.	35.0	0. <b>27</b>
12	~200.0	0.0	-200.0	35.0	35.0	140.	35.0	3.74
13	-200.0	Ο.Ο	-200.0	- 13 . 1	13.1	120.	35.0	8.39
14	200.0	0.0	200.0	14.7	14.7	130.	35.0	7.79



	, ,	-TEXIN2 WORST CAS	Se wind angle an	ALYSIS		
Receptor	<u>XR</u>	<u>YR</u>	<u>ZR</u>	Angle (deg)	<u>CO (ppm)*</u>	
1	220.0	20.0	2.0	225.0	O.3	
2	20.0	20.0	2.0	225.0	2.5	
3	-180.0	20.0	2.0	240.0	O.4	
*Includes E	Background Ambier	nt Concentration	of 0.0 ppm			

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**TEXIN2** Output for Example 6 (Continued)

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References

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Nomenclature and Variable Definitions

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### Nomenclature and Variable Definitions

AC = Air conditioning usage factor. Toggles AC correction on input.

AG = at-Grade intersection scenario

AMB = Background pollutant concentration (ppm)

AMBT = Ambient temperature (°F)

- ASDA = Average stop delay of all vehicles on inbound approach (sec/veh)
- ASDL = Average stop delay of left turns on inbound approach (sec/veh)
- ASDR = Average stop delay of right turns on inbound approach (sec/veh)
- ASDS = Average stop delay of straights on inbound approach (sec/veh)
- ATDA = Average total delay of all vehicles on inbound approach (sec/veh)
- ATDL = Average total delay of left turns on inbound approach (sec/veh)
- ATDR = Average total delay of right turns on inbound approach (sec/veh)
- ATDS = Average total delay of straights on inbound approach (sec/veh)
- ATIM = Dispersion model averaging time (min)
  - ATP = MOBILE3 anti-tampering program
  - BR = Bridge intersection scenario
  - BRG = Wind angle (deg)
- CLAS = Integer describing the atmospheric stability class (A = 1 to F = 6)
- CMAFG = Flag that sets either the CMA Operations and Design procedure or the CMA Planning procedure
  - CY = Signal cycle length (sec)
  - DB = Dry bulb temperature (°F)
  - DP = Depressed intersection scenario
- EMFLG = Flag indicating the type of emission routine to execute
- FILENM = File name used to associate logical unit numbers with certain emission program options
  - FL = Fill intersection scenario
  - FLT = Fraction of left turning vehicles
  - FRT = Fraction of right turning vehicles
  - HDDV = Heavy duty Diesel vehicles
  - HEAD = TEXIN2 user-supplied simulation title
    - HL = Link height (m)
  - ICUTS = Standards used in conjunction with the I/M short test for 1981 and later light duty vehicles
    - ICY = Last two digits of the calendar year currently being modeled

- ICYIM = Last two digits of the year of I/M implementation
  - ILDT = Type of vehicles affected by an I/M
- IMFLAG = Variable the specifies the use of MOBILE3 inspection/maintenance programs
- IMTFLG = Mechanic training flag for I/M programs
- INTFLG = Flag that sets the type of intersection being modeled
- IREJN = Variable that describes the region of the United States being modeled
- ISTRIN = Stringency level of an I/M program
  - ITEST = Type of I/M test implemented for 1981 and later light duty vehicles

LA = Link association number

- LAPSY = Last two digits of the year of ATP implementation
- LAP1ST = First model year to be included in an ATP
- LAPLST = Last model year to be included in an ATP
  - LDDT = Light duty Diesel trucks
  - LDDV = Light duty Diesel vehicles
  - LDGT1 = Light duty gasoline trucks with a gross vehicle weight rating (GVWR) of less than 6001 lbs
  - LDGT2 = Light duty gasoline trucks with a gross vehicle weight rating (GVWR) of less than 8501 lbs
  - LDGV = Light duty gasoline vehicles
- LTFLG = Specifies left turn signalization for a link
- LTWIDE = Average width of an exclusive left turn lane (m)
  - LUN = FORTRAN logical unit number
- LVTFLG = Vehicle classes covered by an ATP
  - MC = Motorcycles
  - MIXH = Atmospheric mixing height (m)
- MODYR1 = Earliest model year included in an I/M program
- MODYR2 = Latest model year included in an I/M program
- MYMRFG = Flag that specifies the use of MOBILE3 mileage accrual and registration distribution data
  - NDL = Links on which traffic incurs delay
  - NLN = Number of approach lanes on the link
  - NLTL = Number of exclusive left-turn lanes on the link
  - NNDL = Links on which traffic incurs no delay
    - NP = Number of intersection signal phases
    - NR = Number of receptors being modeled
  - NRTL = Number of exclusive right-turn lanes on the link
- PCCC = Percent VMT accumulated in the cold start mode by catalyst equipped vehicles
- PCCN = Percent VMT accumulated in the cold start mode by non-catalyst equipped vehicles

PCE = Passenger car equivalency

PCHC = Percent VMT accumulated in the hot start mode by catalyst equipped vehicles

PRTFLG = Flag dictating the type of output required

QAVG = Average queue length on approach (Number of vehicles)

QMAX = Maximum queue length on approach (Number of vehicles)

TAMFLG = Flag indicating whether the user is supplying tampering data

TFLAG = Flag that pertains to T-intersections

- THWIDE = Average width of a lane used by through traffic (m)
  - TRAILR = Fraction of light duty vehicles towing a trailer
    - TYP = Variable indicating the type of intersection

U = Wind speed (m/sec)

- VMFLAG = Flag indicating whether the user supplies the VMT mix
- VMTMIX = VMT mix distribution

VPHI = Traffic volume on a link (veh/hr)

VSP = Vehicle speed on a link (mph)

WB = Wet bulb temperature (°F)

WCFLAG = Worst case wind angle analysis flag

WL = Width of a leg (m)

XLOAD = Fraction of light duty vehicles carrying an extra 500 lb load

XL1 = x-endpoint of the intersection end of the minor link

XL2 = x-endpoint of a minor link corresponding to XL1

XR = x-coordinate of a receptor (m)

- YL1 = y-endpoint of the intersection end of the minor link
- YL2 = y-endpoint of a minor link corresponding to XL2

YR = y-coordinate of a receptor (m)

ZR = z-coordinate of a receptor (m)

Z0 = Surface roughness (cm)

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Appendix A

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#### Appendix A

#### **Implementation of Emission Routine Options**

The purpose of this appendix is to acquaint the user with the various emission routine options available in the TEXIN2 model. A complete understanding of this appendix is required in order to properly implement the options. The various emission routine options are controlled by the flags: VMFLAG, TAMFLG, IMFLAG, EMFLG, MYMRFG, and ALHFLG. The use of an anti-tampering (ATP) program requires the user to bind two external files to FORTRAN logical unit numbers 49 and 51. An anti-tampering program is used when EMFLG = 4. The following discussion is applicable only to the MOBILE3 emission routine ( $EMFLG \ge 3$ ).

Data on VMT mix, tampering zero-mile levels and deterioration rates, mileage accrual/registration distribution, inspection/maintenance programs, and optional air conditioning, extra loading, and trailer towing corrections may be specified without attaching additional files. VMT data are specified on the vehicle scenario record. Tampering zero-mile levels and deterioration rates as well as mileage accrual/registration data are supplied after the meteorological conditions record. Tampering data are required when TAMFLG = 0. In order to specify mileage accrual rates, MYMRFG must be set to either two or four. In order to specify registration distributions, MYMRFG must be set to either three or four. The required records are then inserted immediately after the tampering data. There are 16 records for both mileage accrual and registration distribution. If the user is specifying both accrual and registration (MYMRFG = 4), the mileage accrual rates must be entered first. Optional air conditioning, extra loading, and trailer towing correction factor data are placed immediately following the vehicle scenario record.

Figure A1 illustrates the subroutine OPENER found in TEXIN2. This routine uses the read file names to associate the ATP data files with logical unit numbers through the FORTRAN OPEN statement. If an ATP program is being used with MOBILE3, the user simply places the file name containing the early ATP data on the first file name record and the file name containing the late ATP data on the second file name record. If the subroutine does not conform to installation standards, the user may comment the code and the calling statement in the main program so that the compiler ignores the code during compilation. Furthermore, the main program has an OPEN statement commented upon shipment. This statement is used for attaching logical unit number 5 to the model. All flags, link descriptions, *etc.*, are read from this unit.

Subroutine OPENER will attach the early ATP data to logical unit number (LUN) 49 and the late ATP data to LUN 51. The first record in any ATP data should indicate the number of lines of descriptive comments present in the data. The next lines should include any comments that are desired on the output. These comments will be printed on the output if  $PRTFLG \ge 1$ . There are the same number of comments as the integer on the first record indicates. The following 22

С TXN07590 SUBROUTINE OPENER (BEGIN, +) TXN07591 С TXN07592 С This subroutine attaches the required logical unit numbers to TXN07593 Ċ read file names. These file names should be in the following TXN07594 С TXN07595 order: C TXN07596 File LUN TXN07597 Description TXN07598 49 TXN07599 1 ATP program credit matrices TXN07600 First year range covered (EMFLG.EQ.4) 2 51 ATP program credit matrices TXN07601 Second year range covered (EMFLG.EQ.4) TXN07602 С TXN07603 Ĉ If this routine does not correspond to the installation's procedures TXN07604 the user will have to make the proper adjustments. Usually with TXN07605 IBM compatible mainframes, the user will attach the unit numbers С TXN07606 С via the proper Job Control Language. This routine may be deleted TXN07607 С or commented if not needed. If BEGIN=1, this routine opens the TXN07608 С required files; if BEGIN=0, the routine closes the files. TXN07609 ¢ TXN07610 INTEGER ATPFLG, EMFLG, TFLAG, CMAFG, BEGIN, ALHFLG TXN07611 С TXN07612 CHARACTER+80 FILENM TXN07613 С TXN07614 COMMON/FLAGS2/MYMRFG, NEWFLG, IMFLAG, ALHFLG, ATPFLG TXN07615 COMMON/FLAGS4/IDAFL, EMFLG, INTFLG, TFLAG, CMAFG TXN07616 С TXN07617 С Read the proper file names from unit 5 and open the files. TXN07618 Ċ TXN07619 10 FORMAT(A80) TXN07620 IF(EMFLG.NE.4) GO TO 20 TXN07621 С TXN07622 č c Open logical unit #49 for first range ATP credit matrices. TXN07623 TXN07624 LUN=49 TXN07625 IF (BEGIN.EQ.1) READ (5,10,ERR-9999) FILENM IF (BEGIN.EQ.1) OPEN (UNIT=LUN,FILE=FILENM,ERR-9999) TXN07626 TXN07627 IF (BEGIN.EQ.0) CLOSE (LUN) TXN07628 TXN07629 C Ċ TXN07630 Open logical unit #51 for second range ATP credit matrices. TXN07631 LUN=Š1 IF (BÉGIN.EQ.1) READ (5,10,ERR-9999) FILENM IF (BEGIN.EQ.1) OPEN (UNIT-LUN,FILE-FILENM,ERR-9999) TXN07632 TXN07633 IF (BEGIN.EQ.0) CLOSE (LUN) TXN07634 TXN07635 С C C TXN07636 Return to caller. TXN07637 20 RETURN TXN07638 C TXN07639 С If an error occorred in an attempt to open a file, print an TXN07640 С TXN07641 error message. С TXN07642 9999 WRITE (6,7000) LUN TXN07643 TXN07644 FORMAT('0', T6, ' +++ERROR+++ COULD NOT OPEN FILE FOR LUN ', 12) 7000 TXN07645 RETURNÍ TXN07646 END

#### Figure A1

#### **TEXIN2** Subroutine OPENER

records consist of the data pertinent to carbon monoxide emissions calculation. These data include the first and third group of eleven records of the credit matrices present in the MOBILE3 User's Guide<sup>7</sup> (see Example 2). There are 109 ATP routines listed in the MOBILE3 User's Guide. For convenience, these routines have also been included in Appendix B of this guide and the TEXIN2 distribution tape. The user should consult the EPA before using any ATP.

The OPENER subroutine is also responsible for closing all opened external files. The subroutine is passed a variable called BEGIN. When BEGIN is set to zero, the routine closes the opened files. If BEGIN is set to one, the routine opens the required files.

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# Appendix B

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## EPA Anti-Tampering Programs

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Program Type	Description of Inspection	Line Numbers	Page
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Annual	Inspect Catalyst Only	51-100	B-2
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Annual (Non-I/M)	Inspect Air Pump, Catalyst & Fuel Inlet	201-250	B-5
Annual	Inspect Catalyst & Fuel Inlet (and Plumbtesmo)	251-300	B-6
Annual	Inspect Air Pump, Catalyst & Fuel Inlet (and Plumbtesmo)	<b>3</b> 01– <b>3</b> 50	B-7
Annual (I/M)	Inspect Catalyst & Fuel Inlet	351-400	B-8
Annual (I/M)	Inspect Air Pump, Catalyst & Fuel Inlet	401-450	B-9
Annual	Inspect Air Pump & Canister	451-500	B-10
Annual	Inspect Catalyst & Canister	501-550	B-11
Annual	Inspect Air Pump, Catalyst & Canister	551-600	B-12
Annual (Non-I/M)	Inspect Catalyst, Fuel Inlet & Canister	601-650	B-13
Annual (Non-I/M)	Inspect Air Pump, Catalyst, Fuel Inlet & Canister	651-700	B-14
Annual	Inspect Catalyst, Fuel Inlet (and Plumbtesmo) & Canister	701-750	B-15
Annual	Inspect Air Pump, Catalyst, Fuel Inlet (and Plumbtesmo) &	<b>7</b> 51 000	D 10
	Canister	751-800	B-10
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Annual	Inspect Catalyst & PCV	951-1000	B-20
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Annual (Non-I/M)	Inspect Catalyst, Fuel Inlet & PCV	1051-1100	B-22
Annual (Non-I/M)	Inspect Air Pump, Catalyst, Fuel Inlet & PCV	1101-1150	B-23

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Appendix B

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Program Type	Description of Inspection	Line Numbers	Page
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Annual (I/M)	Inspect Air Pump, Catalyst, Fuel Inlet & PCV	1301-1350	B-27
Annual	Inspect Air Pump, Canister & PCV	1351-1400	B-28
Annual	Inspect Catalyst, Canister & PCV	1401-1450	B-29
Annual	Inspect Air Pump, Catalyst, Canister & PCV	1451-1500	<b>B-3</b> 0
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Annual	Inspect Air Pump, Catalyst, Fuel Inlet (and Plumbtesmo), Canister & PCV	1651-1700	B-34
Annual (I/M) .	Inspect Catalyst, Fuel Inlet & Canister & PCV	1701-1750	B-35
Annu <b>a</b> l (I/M)	Inspect Air Pump, Catalyst, Fuel Inlet & Canister & PCV	1751-1800	B-36
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Biennial	Inspect Catalyst, Fuel Inlet (and Plumbtesmo) & Canister	2501-2550	B-51
Biennial	Inspect Air Pump, Catalyst, Fuel Inlet (and Plumbtesmo) & Canister	2551-2600	B-52
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Biennial	Inspect Catalyst, Fuel Inlet (and Plumbtesmo) & PCV	2951-3000	<b>B-6</b> 0
Biennial	Inspect Air Pump, Catalyst, Fuel Inlet (and Plumbtesmo) &		
	PCV	3001-3050	<b>B-</b> 61
Biennial (I/M)	Inspect Catalyst, Fuel Inlet & PCV	3051-3100	<b>B-6</b> 2
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Biennial	Inspect Catalyst, Canister & PCV	3201-3250	B-65
Biennial	Inspect Air Pump, Catalyst, Canister & PCV	3251-3300	<b>B-6</b> 6
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Biennial	Inspect Air Pump, Catalyst, Fuel Inlet (and Plumbtesmo), Canister & PCV	3451-3500	B-70
Biennial (I/M)	Inspect Catalyst, Fuel Inlet & Canister & PCV	3501-3550	B-71
Biennial (I/M)	Inspect Air Pump, Catalyst, Fuel Inlet & Canister & PCV	3551-3600	B-72
Change of Ownership	Inspect Air Pump Only	3601-3650	B-73
Change of Ownership	Inspect Catalyst Only	3651-3700	B-74
Change of Ownership	Inspect Air Pump & Catalyst	3701-3750	B-75
Change of Ownership (Non-I/M)	Inspect Catalyst & Fuel Inlet	3751-3800	B-76
Change of Ownership (Non-I/M)	Inspect Air Pump, Catalyst & Fuel Inlet	3801-3850	B-77
Change of Ownership	Inspect Catalyst & Fuel Inlet (and Plumbtesmo)	3851-3900	B-78
Change of Ownership	Inspect Air Pump, Catalyst & Fuel Inlet (and Plumbtesmo)	39013950	B-79
Change of Ownership (I/M)	Inspect Catalyst & Fuel Inlet	3951-4000	B-80
Change of Ownership (I/M)	Inspect Air Pump, Catalyst & Fuel Inlet	4001-4050	B-81
Random Audit (1%)	Inspect Air Pump Only	4051-4100	B-82
Random Audit (1%)	Inspect Catalyst Only	4101-4150	B-83
Random Audit (1%)	Inspect Air Pump & Catalyst	4151-4200	B-84
Random Audit (1%) (Non-I/M)	Inspect Catalyst & Fuel Inlet	4201-4250	<b>B-8</b> 5
Random Audit (1%) (Non-I/M)	Inspect Air Pump, Catalyst & Fuel Inlet	4251-4300	B-86
Random Audit (1%)	Inspect Catalyst & Fuel Inlet (and Plumbtesmo)	4301-4350	B-87
Random Audit (1%)	Inspect Air Pump, Catalyst & Fuel Inlet (and Plumbtesmo)	4351-4400	B-88
Random Audit (1%) (I/M)	Inspect Catalyst & Fuel Inlet	4401-4450	B-89
Random Audit (1%) (I/M)	Inspect Air Pump, Catalyst & Fuel Inlet	4451-4500	B-90
Random Audit (2%)	Inspect Air Pump Only	4501-4550	B-91
Random Audit (2%)	Inspect Catalyst Only	4551-4600	<b>B-92</b>
Random Audit (2%)	Inspect Air Pump & Catalyst	4601-4650	B-93

## EPA Anti-Tampering Programs Table of Contents (Continued)

Program Type	Description of Inspection	Line Numbers	Page
Random Audit (2%) (Non-I/M)	Inspect Catalyst & Fuel Inlet	4651-4700	B-94
Random Audit (2%) (Non-I/M)	Inspect Air Pump, Catalyst & Fuel Inlet	4701-4750	B-95
Random Audit (2%)	Inspect Catalyst & Fuel Inlet (and Plumbtesmo)	4751-4800	B-96
Random Audit (2%)	Inspect Air Pump, Catalyst & Fuel Inlet (and Plumbtesmo)	4801-4850	B-97
Random Audit (2%) (I/M)	Inspect Catalyst & Fuel Inlet	48514900	B-98
Random Audit (2%) (I/M)	Inspect Air Pump, Catalyst & Fuel Inlet	4901-4950	B-99
Random Audit (5%)	Inspect Air Pump Only	4951-5000	B-100
Random Audit (5%)	Inspect Catalyst Only	5001-5050	<b>B-1</b> 01
Random Audit (5%)	Inspect Air Pump & Catalyst	5051-5100	B-102
Random Audit (5%) (Non-I/M)	Inspect Catalyst & Fuel Inlet	5101-5150	B-103
Random Audit (5%) (Non-I/M)	Inspect Air Pump, Catalyst & Fuel Inlet	5151-5200	B-104
Random Audit (5%)	Inspect Catalyst & Fuel Inlet (and Plumbtesmo)	5201-5250	<b>B-</b> 105
Random Audit (5%)	Inspect Air Pump, Catalyst & Fuel Inlet (and Plumbtesmo)	5251-5300	B-106
Random Audit (5%) (I/M)	Inspect Catalyst & Fuel Inlet	5301-5350	B-107
Random Audit (5%) (I/M)	Inspect Air Pump, Catalyst & Fuel Inlet	5351-5400	B-108
No Program	No Reductions	5401-5450	B-109

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54	** ANNUAL : INSPECT CATALYST ONLY	
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56	1.00 1.00 1.00 0 EVAP/PCV	_
57	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	)
58	.00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/NCK	
59	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK	
60	.00 .00 .00 .05 .00 .00 .00 .00 .00 .00	
61	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
62	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
63	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
64	0.95 .00 .00 .00 .00 .00 .00 1.00 .00 .00 AIR	
65	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
66	.00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 .00 NCK	
67	.00 .00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 TNK	
68	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	)
69	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
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84	00 00 00 00 00 00 05 00 00 00 00 00 CAT/NCK	
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87	.00 .00 .00 .00 .00 .00 .00 0.05 .00 .00	
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104	** ANNUAL : INSPECT AIR PUMP & CATALYST ONLY	
105	**	
106	1.00 1.00 1.00 1.00 EVAP/PC	V (00001100100)
107	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	(PREVIOUS)
108	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
109	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 ALR/TNK	han
110	AIR/CAL 00. 00. 00. 00. 00. 00. 00. 00. 00. 00	/NCK
111	00.00.00.00.00.00.00.00.00.00.00.00.00.	/TNK
112	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0	
113	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
114	0.15 .00 .00 .00 .00 .00 .00 0.20 .00 .00 .0	
115	.00 .00 .00 .00 .00 .00 .00 .00 0.05 .00 .00	
116	.00 0.80 .00 0.80 .00 0.95 .00 .00 .00 1.00 .00 NCK	
117	.00 .00 0.80 .00 0.80 .00 0.95 .00 .00 .00 1.00 TNK	(
118	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	(PREVIOUS)
119	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
120	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	(1) A. (
121		/NCK
122	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	/TNK
123	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
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125	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
126	CAT 00, 00, 00, 00, 00, 00, 00, 00, 00, 00	
127	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
128	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0	(
129	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	(PREVIOUS)
130	.00 0.20 00 0.15 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
131	.00 .00 0.20 00 0.15 .00 .00 .00 .00 .00 AIR/INK	4101
132	.00 .00 .00 0.05 .00 00 .00 .00 .00 .00	/NCK
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134	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00	
135	.00 .00 .00 .00 .00 00 0.05 .00 .00 .00	
136	0.15 .00 .00 .00 00 00 00 00 .20 .00 .00 AIR	
137	00 00 00 00 00 00 00 00 00 00 00 CAT	
138	00 0.80 00 0.80 00 0.95 00 00 1.00 00 NCK	
139	.00 .00 0.80 .00 0.80 00 0.95 .00 00 .00 INK	
140	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	(SUBSEQUENT)
141	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
142	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	4101
143	00 00 00 1.00 00 00 00 00 00 00 EGR/CAT	/NCK
144	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	ZINK
145	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
146	00 00 00 00 00 00 100 00 00 00 00 CAT/INK	
147	700 .00 .00 .00 .00 .00 1.00 .00 .00 EGR	•
148	CAL 00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
149	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
150	. <b>00 .00</b> .00 .00 .00 .00 .00 .00 .00 1.00 [NK	

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152	**	
153	** ANNUAL : INSPECT CATALYST & FUEL INLET ONLY	
154	** (NON-I/M AREAS ONLY)	
155	**	
156	1.00 1.00 1.00 1.00	
157	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	
158	.00 0.83 .00 0.62 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
159	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/INK	
160	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
161	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
162	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00	
163	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
164	0.95 0.17 .00 0.33 .00 .00 .00 1.00 .00 .00 .00 AIR	
165	.00 .00 .00 .00 .00 .00 .00 .00 0.05 .00 .00	
166	.00 .00 .00 .00 .00 0.62 .00 .00 .00 0.83 .00 NCK	
167	. 00 .00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 INK	
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179	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	<b>'</b>
180	00 0.70 .00 0.65 .00 .00 .00 .00 .00 .00 AIR/NCK	
181	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/INK	
182	.00 .00 00 0.05 .00 .00 .00 .00 .00 .00	
183	00 00 00 00 0.05 00 00 00 00 00 00 ATR/CAT/INK	
184	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
185	00 00 00 00 00 00 00 00 00 00 00 CAL/INC	
186	0,95 0.30 .00 0.30 .00 .00 1.00 .00 .00 .00 ATK	
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226		. 00		. 00	. (	<b>00</b>	. 0	9	. 00	. 00	. 06	2	. 00	1.00	.00	. 00	
227		. 00		. 00	. (	00	. 0	3	. 00	. 00	. 00	,	. 00	. 00	1.00	. 00	NCK
228		. 00		. 00	. (	<b>00</b>	. 0	3	. 00	. 00	. 00	)	. 00	. 00	. 00	1.00	
229	0	. 05		. 00	. (	<b>00</b>	. 0	3	. 00	. 00	. 00	<b>,</b>	. 00	. 00	. 00	. 00	AIR/CAI (PREVIOUS)
230		. 00	0.	. 20	. (	<b>00</b>	0.1	5	. 00	. 00	. 00	)	. 00	.00	.00	.00	AIR/NCK
231		. 00		. 00	0.3	20	. 0	0 0	. 15	. 00	. 00	)	. 00	. 00	. 00	.00	AIR/INK
232		. 00		. 00	. (	<b>0</b> 0	0.0	5	. 00	. 00	. 00	)	. 00	. 00	. 00	.00	AIR/CAI/NCK
233		. 00		. 00	. (	<b>00</b>	. 0	90	. 05	. 00	. 00	,	. 00	.00	. 00	. 00	AIR/CAI/INK
234		. 00		. 00	. (	00	. 0	3	. 00	0.05	. 00	)	. 00	. 00	.00	. 00	CAT/NCK
235		. 00		. 00	(	00	. 0	3	. 00	. 00	0.05	5	. 00	. 00	. 00	. 00	CAT/TNK
236	0	. 15		. 00	. (	00	. 0	3	. 00	. 00	. 00	0 (	. 20	. 00	. 00	. 00	AIR
237		. 00		00	(	00	. 0	3	. 00	. 00	. 00	)	. 00	0.05	. 00	. 00	CAT
238		. 00	0.	. 50	. (	00	0.5	3	. 00	0.65	. 00	)	. 00	. 00	0.70	. 00	NCK
239		. 00		00	0.8	80	. 0	30	. 80	. 00	0.95	<b>;</b>	. 00	. 00	.00	1.00	TNK
240	1	00		00	. (	00	. 0	3	. 00	. 00	. 00	)	. 00	. 00	. 00	. 00	EGR/CAT (SUBSEQUENT)
241		. 00	1.	00	. (	00	. 0	3	. 00	. 00	. 00	)	. 00	. 00	. 00	. 00	EGR/NCK
242		. 00		00	1.0	00	. 0	3	. 00	.00	. 00	)	. 00	. 00	. 00	. 00	EGR/TNK
243		. 00		. 00	. (	00	1.0	3	. 00	.00	. 00	)	. 00	. 00	. 00	. 00	EGR/CAT/NCK
244		. 00		00	. (	00	. 0	3 1	. 00	. 00	. 00	)	. 00	. 00	. 00	. 00	EGR/CAT/TNK
245		. 00		00	. (	00	. 0	3	. 00	1.00	. 00	)	. 00	. 00	. 00	. 00	CAT/NCK
246		. 00		00	. (	00	. 0	3	. 00	. 00	1.00	)	. 00	. 00	. 00	. 00	CAT/TNK
247		-00-		.00		00	. 0	9	.00	. 00	. 08	) 1	. 00	. 00	. 00	. 0 <b>0</b>	EGR
248		. 00		. 00	. (	00	. 0	2	. 00	. 00	. 00	)	00	1.00	. 00	. 00	CAT
249		. 00		.00	. (	00	. 0	9	. 00	. 00	00	)	. 00	00	1 00	. 00	NCK
250		. 00		. 00	. (	00	. 0	3	. 00	. 00	00	)	00	. 00	. <b>0</b> 0	1.00	TNK

s.

251		
252		
253		
254	ANNUAL · INSPECT CATALYST & FUEL INLET (AND PLUMBTESMO)	
255		
256	00 1,00 1,00 EVAP/PCV	
257	05 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREV	/IOUS)
258	00 0 25 .00 0.20 .00 .00 .00 .00 .00 .00 AIR/NCK	•
259	00 00 0.25 .00 0.20 .00 .00 .00 .00 .00 AIR/TNK	
260	00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
261	00 .00 .00 0.05 .00 .00 .00 .00 .00 AIR/CAT/TNK	
262	00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
263	00 00 00 .00 .00 .00 0.05 .00 .00 .00 .0	
264	95 0.75 0.75 0.75 0.75 .00 .00 1.00 .00 .00 AIR	
265	00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
266	00 .00 .00 .00 .00 0.20 .00 .00 .00 .00	
267	00 .00 .00 .00 .00 .00 0.20 .00 .00 .00	
268	00 .00 .00 .00 .00 .00 .00 .00 .00 .00	VIOUS)
269	00 1 00 00 00 .00 .00 .00 .00 .00 .00 EGR/NCK	
270	00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
271	00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
272	00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	-
273	00.00.00.00.00.00.00.00.00.00.00.00.00.	
274	00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
275	00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
276	CAT 00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
277	00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
278	00 .00 .00 .00 .00 .00 .00 .00 .00 TNK	
279	05 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (SUB	SEQUENT)
280	00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/NCK	
281	00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 AIR/TNK	
282	00 .00 .00 .05 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
283	00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
284	00 00 00 00 00 0.05 00 00 00 00 CAT/NCK	
285	00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
286	95 0.85 0.85 0.85 0.85 .00 .00 1.00 .00 .00 AIR	
287	00 .00 00 .00 .00 .00 .00 .00 .00 .00 CAT	
288	00 .00 00 .00 .00 0.10 .00 .00 .00 0.15 .00 NCK	
289	00 00 00 00 .00 .00 0.10 .00 .00 .00 0.15 TNK	
290	00 00 00 00 .00 .00 .00 .00 .00 .00 EGR/CAT (SUB	SEQUENT)
291	00 1 .00 .00 .00 .00 .00 .00 .00 .00 .00	
292	00 00 1 00 00 00 00 00 00 00 00 00 00 EGR/TNK	
293	00 00 00 1.00 00 00 00 00 00 00 00 EGR/CAT/NCK	
294	00 .00 .00 00 1.00 .00 .00 .00 .00 .00 .	
295	00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
296	00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
297	00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	•
298	00.00.00.00.00.00.00.00.00.00.00.00.00.	
299	00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
300	00 .00 00 .00 .00 .00 .00 .00 .00 1.00 TNK	

301	4
302	**
303	
304	** ANNUAL : INSPECT AIR PUMP, CATALYST & FUEL INLEI (AND PLUMBLESMU)
305	**
306	1.00 1.00 1.00 1.00 EVAP/PCV
307	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
308	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 .00 AIR/NCK
309	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/TNK
310	00.00.00.00.05.00.00.00.00.00.00.00.00.0
311	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
312	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
313	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
314	0.15 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR
315	CAT 00. 00. 00. 00. 00. 00. 00. 00. 00. 00
316	.00 0.05 .00 0.05 .00 0.20 .00 .00 .00 0.25 .00 NCK
317	.00 .00 0.05 .00 0.05 .00 0.20 .00 .00 .00 0.25 TNK
318	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
319	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
320	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
321	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
322	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
323	00 00 00 00 100 00 00 00 00 00 00 00 00
324	00 00 00 00 00 1 00 00 00 00 CAT/TNK
325	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0
326	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
327	00 00 00 00 00 00 00 00 00 00 00 00 00
328	00 00 00 00 00 00 00 00 00 00 00 00 00
329	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
330	00 0 15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/NCK
331	.00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 AIR/TNK
332	00 00 00 0.05 00 .00 .00 .00 .00 .00 AIR/CAT/NCK
333	00 00 00 00 0.05 00 00 00 00 00 AIR/CAT/TNK
334	00 00 00 00 00 00 00 00 00 00 00 CAT/NCK
335	00 00 00 00 00 00 00 00 00 00 00 CAT/TNK
336	0 15 0 05 0 05 0 05 0 00 00 0 20 .00 00 00 AIR
337	00 00 00 00 00 00 00 00 00 00 CAT
338	00 00 00 00 00 0 00 00 00 00 0.15 .00 NCK
339	00 00 00 00 00 00 0 00 00 00 00 0.15 TNK
340	1 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUENT)
341	00 1 00 00 00 00 00 00 00 00 00 EGR/NCK
342	00 00 1 00 00 00 00 00 00 00 00 00 EGR/TNK
343	00 00 101 00 00 00 00 00 00 00 00 EGR/CAT/NCK
344	00 00 00 100 00 00 00 00 00 00 00 ECR/CAT/TNK
345	00 00 00 00 00 100 00 00 00 00 CAT/NCK
346	00 00 00 00 00 00 1.00 00 00 00 00 CAT/TNK
347	00 00 00 00 00 00 00 00 00 00 00 00 ECR
348	00 00 00 00 00 00 00 00 100 00 CAT
349	00 00 00 00 00 00 00 00 00 100 00 NCK
350	00 00 00 00 00 00 00 00 00 00 100 TNK
555	

351	4		
352	**		
353	** ANNUAL · INSPECT CATALYS	T & FUEL INLET ONLY	
354	** (I/M ARFAS O	NLY)	
355			
356	1 00 1 00 1 00 1 00		EVAP/PCV
357	0 05 00 00 00 00	. 00 . 00 . 00 . 00 . 00 . 00	AIR/CAT (PREVIOUS)
358	00 0 67 00 0.36 00	00.00.00.00.00.00	AIR/NCK
359	00 00 1 00 .00 0.95	00.00.00.00.00.00	AIR/TNK
360	00 00 00 0.05 00	00.00.00.00.00.00	AIR/CAT/NCK
361	00 00 00 00 00 05	00 00 00 00 00 00	AIR/CAT/TNK
362	00 00 00 00 00 00 0	05 00 00 00 00 00	CAT/NCK
363	àa aa aa aa aa aa	00 0.05 00 .00 .00 .00	CAT/TNK
364	0 95 0 33 00 0 59 00	00 00 1 00 .00 .00 .00	AIR
365	0.00 0.00 .00 0.00 .00	00 00 00 0 05 00 00	CAT
366	AA AA AA AA AA AA AA	36 00 00 00 0 67 00	NCK
367	00 00 00 00 00 00	00 0 95 00 00 00 1 00	TNK
369	1 00 00 00 00 00	00 0198 100 100 100 100	FGR/CAT (PREVIOUS)
360		00 00 00 00 00 00 00	EGR /NCK
370	00 1.00 .00 .00 .00 .00	00 00 00 00 00 00 00	FGR/TNK
371		00 00 00 00 00 00 00	FGR /CAT /NCK
377		00.00.00.00.00.00.00.00	FOR /CAT /TNK
372		.00 .00 .00 .00 .00 .00	
373		00 100 .00 .00 .00 .00 .00 .00 .	CAT/INK
374	00.00.00.00.00	00 1.00 .00 .00 .00 .00 .00 .	FGR
375	00.00.00.00.00	00 00 1.00 .00 .00 .00 .00 .00 .00 .00 .	
370	00.00.00.00.00	00 00 00 1.00 .00 .00 .00 .00 .00 .00 .0	
377	00 00 00 00 00	00 .00 .00 .00 .00 .00 .00 .00 .00 .00	TNK
370		00 00 00 00 00 00 00 00 00 00 00 00 00	ATR/CAT (SUBSECHENT)
3/9		00.00.00.00.00.00.00.00.00.00.00.00.00.	ATR/OCK (SODSEGOERT)
781		00 00 00 00 00 00 00 00 00 00 00 00 00	
301		00 00 00 00 00 00 00 00 00 00 00 00 00	
JO2 707		00 00 00 00 00 00 00 00 00 00 00 00 00	ATR/CAT/INCK
303			
304	0 00. 00. 00. 00.	00 0 05 00 00 00 00 00	CAT/TOK
305			ATR
300	0.95 0.70 .00 0.70 .00		
38/	00.00.00.00.00.00.00.00	25 00 00 00 00 00 00 00 00 00 00 00 00 00	
300	0 00. 00. 00. 00.	AA A 95 AA AA AA 1 AA	TNK
309		00 0.95 .00 .00 .00 1.00 00 00 00 00 00	FOR /CAT (SUBSFOLIENT)
390		00.00.00.00.00.00 00.00.00	EGR/NCK
391		00.00.00.00.00.00.00.00	
392		00.00.00.00.00.00.00.00	ECR/CAT/NCK
393		00 00 00 00 00 00 00	FOR /CAT /TNK
394		00 00 00 00 00 00 00	CAT /NCK
292			CAT/TNK
390		00 1.00 .00 .00 .00 .00 .00 .	FGR
33/		00 00 1,00 .00 .00 .00 .00	CAT
300	00, 00, 00, 00, 00, 00, 00, 00, 00, 00,	AA AA AA AA 1 AA AA	NCK
233	00.00.00.00.00.00	00 00 00 00 1.00 .00 1 00 00 00 00 00 1 00	TNK
400	.00.00.00.00.00		

401	4
402	
403	** ANNUAL : INSPECT AIR PUMP, CATALYST & FUEL INLET UNLY
404	++ (I/M AREAS ONLY)
405	
406	1.00 1.00 1.00 1.00 1.00 1.00 00 00 00 00 00 00 00 00 00 00 00 00
407	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
408	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 .00 AIR/NKK
409	
410	
411	
412	
413	
414	0.15 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0
415	
416	
417	100 00 0.80 00 0.80 00 0.95 00 00 00 00 00 00 00 00 00 00 00 00 00
418	
419	
420	
421	
422	
423	
424	
425	
420	
427	60 00 00 00 00 00 00 00 00 00 00 100 TNK
420	4 5 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
430	00 0 20 00 0 15 00 00 00 00 00 00 00 AIR/NCK
430	00 00 0 0 0 0 0 15 00 00 00 00 00 00 AIR/TNK
432	00 00 00 0.05 00 00 00 00 00 00 00 AIR/CAT/NCK
433	00 00 00 00 0.5 00 00 00 00 00 00 AIR/CAT/TNK
434	00 00 00 00 00 00 05 00 00 00 00 00 CAT/NCK
435	00 00 00 00 00 00 0.05 00 00 00 CAT/TNK
436	0 15 00 00 00 00 00 00 00 00 00 AIR
4.37	00 00 00 00 00 00 00 00 00 00 00 CAT
438	00 0 10 00 0 10 00 0 25 00 00 00 0 00 NCK
439	00 00 0.80 00 0.80 00 0.95 00 .00 00 1.00 TNK
440	1.00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUENT
441	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
442	00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
443	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
444	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
445	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
446	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
447	••••••••••••••••••••••••••••••••••••••
448	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
449	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
450	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK

451	4				
452	**				
453	**				
454	** ANNUAL	: INSPECT AIR PUMP	& CANISTER		
455	**				
456	0.30 1.00	0.30 1.00			EVAP/PCV
457	0.20 .00	. 00 . 00 . 00 .	00.00.00.00	.00.00	AIR/CAT (PREVIOUS)
458	.00 0.20	. 00 .00 .00 .	00.00.00.00	.00.00	AIR/NCK
459	. 00 . 00	0.20.00.00.	00. 00. 00. 00	.00 .00	AIR/INK
460	.00.00	000.20.00.	00.00.00.00	.00 .00	AIR/CAT/NCK
461	.00.00	9.00.000.20.	00.00.00.00	.00.00	AIR/CAI/INK
462	.00.00	.00 0.80 .00 1.	00.00.00.00	.00.00	
463	.00.00	. 00 .00 0.80 .	00 1.00 .00 .00	.00 .00	ATP
464	.00.00		00 .00 0.20 .00	.00.00	
400	0.80.90	. 00. 00. 00.		1 00 .00	
400	.00 0.80		00.00.00.00	00 1 00	
407	.00.00		00 00 00 00	00 1.00	FOR/CAT (PREVIOUS)
400	1,00 .00		00.00.00.00 00 00 00 00	00 .00	ECR/NOK
409	.00 1.00	1 00 .00 .00 . 0 1 00 00 00	00 00 00 00 00	.00 .00 AA AA	FGR/TNK
470	.00.00	00 1 00 .00 .00 .	aa aa aa aa	.00 .00 00 00	FGR/CAT/NCK
472	.00 .00 aa aa	A AA AA 1 AA	00 00 00 00	00 00	FGR/CAT/TNK
473	00 .00	00 00 100 1	00 00 00 00	.00 .00	CAT/NCK
474	90 .00	0 00 00 00	00 1.00 .00 .00	.00 .00	CAT/TNK
475	00 .00		00 .00 1.00 .00	.00 .00	EGR
476	.00 .00	. 00 . 00 . 00 .	00 .00 .00 1.00	.00 .00	CAT
477	.00 .00	. 00. 00. 00.	00.00.00.00	1.00 .00	NCK
478	.00 .00	. 00. 00. 00.	00. 00. 00. 00	.00 1.00	TNK
479	0.20 .00	. 00. 00. 00.	00.00.00.00	.00.00	AIR/CAT (SUBSEQUENT)
480	.00 0.20	. 00. 00. 00.	00.00.00.00	.00 .00	AIR/NCK
481	. 00 . 00	0.20.00.00.	00. 00. 00. 00	.00.00	AIR/TNK
482	. 00 . 00	<b>) .00 0.20 .00</b> .	00. <b>00. 00. 00</b>	.00.00	AIR/CAT/NCK
483	00 . 00	. 00 .00 0.20	00.00 <b>.0</b> 0.00	.00.00	AIR/CAT/TNK
484	<b>0</b> 0 00	) .00 0.8 <b>0 .00</b> 1.	00.00.00.00	.00.00	CAT/NCK
485	. 00 . 00	. 00 .00 0.80 .	00 1.00 .00 .00	.00.00	CAT/TNK
486	.00 .00	. 00. 00. 00.	00 .00 0.20 .00	.00.00	AIR
487	0.80 .00	. 00 . 00 . 00 .	00 .00 .00 1.00	.00.00	
488	.00 0.80	. 00 . 00 . 00 .	00.00.00.00	1.00 .00	
489	.00.00	00.80.00.00.	00 .00 .00 00	.00 1.00	EOD CAT (SUBSEQUENT)
490	1.00.00	. 00 . 00 . 00 .	00.00.00.00	.00 .00	EGRICAT (SUBSEQUENT)
491	.00 1.00	. 00. 00. 00.	00.00.00.00	.00.00	
492	.00.00	. 00. 00. 00 .	00 00 00 00 00 00 00	.00.00	
495	.00.00	00 1.00 .00 .	00 .00 .00 .00 00 00 00 00	00 .00	
494	.00.00	00 00 1.00 .	00 .00 .00 00 00 0 <b>0</b> 00 00	00 .00	
490	.00.00	A A A A A A	00 1 00 .00 .00 .00	00 00	CAT/TNK
430	.00 .00	aa aa .	00 00 1 00 00	00 00	FGR
497	. UU . UU DA DA	, .00 .00 .00 . N AA AA AA	00 00 00 1 00	.00 .00	CAT
490		00 .00 .00 .	00 00 00 00	1.00 .00	NCK
	00 .00 00 00	<b>0</b> 0 00 00 00 00	00 00 00 00	.00 1.00	TNK
200					

501	4	
502	**	
503	**	
504	** ANNUAL : INSPECT CATALYST & CANISTER	
505	**	
506	0.30 1.00 0.30 1.00 EVAP/PCV	
507	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	
508	.00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/NCK	
509	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK	
510	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
511	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
512	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00	
513	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
514	0.95 .00 .00 .00 .00 .00 .00 1.00 .00 .00 .0	
515	00 00 00 00 00 00 00 00 00 00 00 00 00	
516	00 00 00 00 00 0.95 00 00 00 1.00 00 NCK	
517	00 00 00 00 00 00 0.95 00 .00 1.00 TNK	
519	1 00 00 00 00 00 00 00 00 00 00 EGR/CAT (PREVIOUS)	
510	00 1 00 00 00 00 00 00 00 00 00 EGR/NCK	
520	AA AA 1 AA AA AA AA AA AA AA AA AA AA AA	
520	00 00 100 100 00 00 00 00 00 EGR/CAT/NCK	
521	00 00 EGR/CAT/TNK	
522		
525		
524		
525		
526		
527		
528		it )
529		.,
530		
531		
532		
533	00 00 00 00 00 00 00 00 00 00 00 ATR/CAT/INK	
534	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
535	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
536	0.95 .00 .00 .00 .00 .00 1.00 .00 .00 AIR	
537	00 .00 .00 .00 .00 .00 .00 .00 .00 .	
538	.00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 .00 NCK	
539		דו
540	1.00 .00 .00 .00 .00 .00 .00 .00 .00 EGR/CAT (SUBSEQUEN	HJ
541	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
542	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
543	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
544	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
545	00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
546	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
547		•
548	.00 .00 .00 .00 .00 .00 .00 .00 00 CAT	
549	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
550	.00 .00 .00 .00 .00 .00 .00 .00 100 TNK	

551	4			
552	• •			
553	• •		· · · · · · · · · · · · · · · · · · ·	
554	+ ANNUAL :	INSPECT AIR PU	MAP, CATALYST & CANIST	ER
555	• •			
556	0.30 1.00 0	0.30 1.00		EVAP/PCV
557	0.05 .00	.00 .00 .00	.00 .00 .00 .00	.00 .00 AIR/CAT (PREVIOUS)
558	.00 0.20	.00 0.15 .00	.00 .00 .00 .00	.00 .00 AIR/NCK
55 <b>9</b>	.00 .00 0	.20 .00 0.15	.00 .00 .00 .00	.00 .00 AIR/TNK
560	.00.00	.00 0.05 .00	.00 .00 .00 .00	.00 .00 AIR/CAT/NCK
561	.00 .00	.00 .00 0.05	.00 .00 .00 .00	.00 .00 AIR/CAT/TNK
562	.00.00	.00 .00 .00	0.05 .00 .00 .00	.00 .00 CAT/NCK
563	.00.00	.00 .00 .00	.00 0.05 .00 .00	.00 .00 CAT/TNK
564	0.15 .00	.00 .00 .00	.00 .00 0.20 .00	.00 .00 AIR
565	.00.00	.00 .00 .00	.00 .00 .00 .05	.00 .00 CAT
566	.00 0.80	.00 0.80 .00	0.95 .00 .00 .00 1	.00 .00 NCK
567	.00 .00 0	.80 .00 0.80	.00 0.95 .00 .00	.00 1.00 TNK
568	1.00 .00	.00 .00 .00	.00.00.00.00	.00 .00 EGR/CAT (PREVIOUS)
569	.00 1.00	.00 .00 .00	.00 .00 .00 .00	.00 .00 EGR/NCK
570	.00 .00 1	00.00.00	.00.00.00.00	.00 .00 EGR/TNK
571	.00 .00	.00 1.00 .00	.00.00.00.00	.00 .00 EGR/CAT/NCK
572	00 00	00 .00 1.00	.00 .00 .00 .00	.00 .00 EGR/CAT/TNK
573	00 00	00 00 00	1.00 .00 .00 .00	.00 .00 CAT/NCK
574	00 00	00 00 00	.00 1.00 .00 .00	.00 .00 CAT/TNK
575	00 00	00 00 00	00 00 1 00 00	00 00 FGR
576	90 90	00 00 00	00 00 00 1 00	00 .00 CAT
577	00 00	00 00 00	00 00 00 00 1	00 .00 NCK
578	00 00	00 00 00	00 00 00 00	00 1.00 TNK
579	0 05 00	00 00 00	00 00 00 00	00 00 AIR/CAT (PREVIOUS)
580	0.00 .00 00 0 20	00 0 15 00	00 00 00 00	00 .00 ATR/NCK
581	00 0.20 00 00 00	20 00 0 15	00 00 00 00	00 .00 ATR/TNK
582	00 .00 C	AA A A5 AA	00 00 00 00	00 00 ATR/CAT/NCK
583	00 .00	.00 0.00 .00 00 00 0.05	<b>00 00 00</b> 00	00 00 ATR/CAT/TNK
584	00 00	.00 .00 0.00 AA AA AA	A A5 AA AA AA	00 00 CAT/NCK
585	00 00	00 .00 .00 00 00 00	<b>00 0 05 00</b> 00	00 00 CAT/TNK
595	a 15 00	00 00 00	<b>00 000 000</b> 00	00 00 AIR
597	0.15 .00	00 00 00	00 00 0.20 .00 00 00 00 00 00	00 00 CAT
500	.00 .00	.00 .00 .00 00 0 80 00	A 95 AA AA AA 1	00 00 NCK
500	.00 0.00	80 0.00 .00	0.35 .00 .00 .00 1	00 1 00 TNK
209	1 00 .00 0	0.00 .00 0.00		00 00 FOR/CAT (SUBSFOLIENT)
590	1.00 .00	.00 .00 .00	00 00 00 00	00 00 EGR/NCK (SODSEQUENT)
281	00 1.00	.00 .00 .00		00 00 EGR/ NOR
592	00.00	.00 .00 .00		00 00 EGR/THR
593	.00.00	.00 1.00 .00		AG AG ECR/CAT/TNK
594	.00 .00	.00 .00 .00		AQ QQ CAT/NCK
292	.00.00	00.00.00.		AA AA CAT/TNK
296	.00.00	00.00.00.		00 00 CAT/INK
291	-00 .00-	.00.00.00.		00 00 LUR
298	.00.00	.00.00.00.		00 00 CAL
599	.00.00	.00.00.00.		00 1 00 NUN
600	.00.00	.00.00.00	.00 .00 00 .00	.00 I.00 INK

601	4	
602		
603	** ANNUAL : INSPECT CATALYST, FUEL INLET & CANISTER	
604	** (NON-I/M AREAS ONLY)	
605	**	
6 <b>06</b>	0.30 1.00 0.30 1.00 EVAP/PCV	- `
607	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	5)
6 <b>08</b>	.00 0.83 .00 0.62 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
6 <b>09</b>	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/INK	
610	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
611	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
612	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00	
613	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
614	0.95 0.17 .00 0.33 .00 .00 .00 1.00 .00 .00 .00 AIR	
615	.00 .00 .00 .00 .00 .00 .00 .00 0.05 .00 .00	
616	.00 .00 .00 .00 .00 0.62 .00 .00 .00 0.83 .00 NCK	
617	.00 .00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 INK	~`
618	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	5)
61 <b>9</b>	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
620	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
621	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
622	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
623	.00 00 .00 .00 .00 1.00 .00 .00 .00 .00	
624	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
625	.00 00 .00 .00 .00 .00 1.00 .00 .00 EGR	
626	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
627	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
628	.00 00 00 00 00 00 00 00 00 100 INK	
629	0.05 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAI (SUBSECU	201)
630	.00 0.70 .00 0.65 .00 .00 .00 .00 .00 .00 AIR/NCK	
631	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/INK	
632	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
633	00 00 00 00 05 00 00 00 00 00 AIR/CAI/INK	
634	.00 .00 .00 .00 00 0.05 .00 .00 .00 .00	
635	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
636	0.95 0.30 00 0.30 00 00 00 1.00 00 00 AIR	
637	00 00 00 00 00 00 00 00 00 00 00 00 00	
638		
639	00 00 00 00 00 00 00 00 00 00 00 00 00	
640	1,00,00,00,00,00,00,00,00,00,00,00,00,00	ENT)
641	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK	
642		
643		
644		
645		
646		
64/		•
648		
049		
650	.00 00.00 00.00 00.00 00.00 00.00	

651	4			
652	••			
653	++ ANNUAL :	INSPECT AIR PUM	P, CATALYST, FUEL INLET	& CANISTER
654	••	(NON-I/M ARE	AS ONLY)	
655	**			
656	0.30 1.00	0.30 1.00		EVAP/PCV
657	0.05 .00	.00 .00 .00	.00.00.00.00.00.	.00 AIR/CAT (PREVIOUS)
658	.00 0.20	.00 0.15 .00	.00 .00 .00 .00 .00	.00 AIR/NCK
659	.00.00	0.20 .00 0.15	.00 .00 .00 .00 .00	.00 AIR/TNK
660	.00.00	.00 0.05 .00	.00 .00 .00 .00 .00	.00 AIR/CAT/NCK
661	.00.00	.00 .00 0.05	.00.00.00.00.00.	.00 AIR/CAT/TNK
662	.00.00	.00 .00 .00 0	0. 05 .00 .00 .00 .00	.00 CAT/NCK
663	.00,00	.00 .00 .00	.00 0.05 .00 .00 .00	.00 CAT/TNK
664	0.15 .00	.00 .00 .00	.00 .00 0.20 .00 .00	.00 AIR
665	.00.00	.00 .00 .00	.00 .00 .00 0.05 .00	.00 CAT
666	.00 0.63	.00 0.47 .00 0	.62 .00 .00 .00 0.83	.00 NCK
667	.00.00	0.80 .00 0.80	.00 0.95 .00 .00 .00	1.00 TNK
668	1.00 .00	.00.00.00	.00 .00 .00 .00 .00	.00 EGR/CAT (PREVIOUS)
669	.00 1.00	.00.00.00	.00.00.00.00.00	.00 EGR/NCK
670	.00 .00	1.00 .00 .00	.00.00.00.00.00.00.	.00 EGR/TNK
671	.00 .00	.00 1.00 .00	.00.00.00.00.00.00.	.00 EGR/CAT/NCK
672	.00 .00	.00 .00 1.00	.00.00.00.00.00	.00 EGR/CAT/TNK
673	00 00	00 00 00 1	00 00 00 00 00	00 CAT/NCK
674	00 00	00 00 00	.00 1.00 .00 .00 .00	.00 CAT/TNK
675	00 00	00 00 00	00 .00 1.00 .00 .00	.00 EGR
676	00 00	00 00 00	00 00 00 1 00 00	.00 CAT
677	00 00	00 00 00	00 00 00 00 1 00	00 NCK
678	00 00	00 00 00	00 00 00 00 00	1.00 TNK
679	A A5 AA	00 00 00	00 00 00 00 00	00 ATR/CAT (PREVIOUS)
680	0.00 .00 00 0 20	00 0 15 00	00 00 00 00 00	00 AIR/NCK
681	.00 0.20	A 20 00 00 15	AA AA AA AA AA	00 AIR/TNK
697	.00.00	0.20 .00 0.10 00 0 05 00	AA AA AA AA AA AA	00 AIR/CAT/NCK
697	.00.00	00 0.00 .00	00 00 00 00 00 00	00 ATR/CAT/TNK
603	.00 .00	00 00 0.05	00 .00 .00 .00 .00	AN CAT/NCK
00 <del>4</del> 696	.00.00		00 00 00 00 00 00	
665	.00 .00			
000	0.15 .00	.00.00.00.		
687	.00 .00		.00 .00 .00 0.03 .00 .65 .00 .00 .03 .00	00 NCK
688	.00 0.50		0.05 .00 .00 .00 0.70	
669	.00.00			AA FOR/CAT (SUBSFOLIENT)
690	1.00.00	.00.00.00		AA ECR/NCK
691	.00 1.00			AA ECR/TNK
692	.00.00			AA ECR/CAT/NCK
693	.00.00	.00 1.00 .00	.00.00.00.00.00.	
694	.00.00	.00 .00 1.00	.00.00.00.00.00.00.	
695	.00.00	.00.00.00.		
696	.00 .00	.00.00.00		AA ECD
697	00	.00.00.00	.00 .00. 00.1 00. 00.	
698	.00.00	.00 .00 .00	.00.00.100.00	
699	.00.00	.00 .00 .00	.00.00.00.00.00.00	
700	.00.00	.00.00.00	.00.00.00.00.00	1.00 INK

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704		
701		
702		
703	ANNHAL INSPECT CATALYST FUEL INLET (AND PLUMBTESMO) & CANISTER	
704		
705	30 1 00 0 30 1 00 EVAP/PCV	
700	00 00 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOUS)	)
708	00 0 25 00 0 20 00 00 00 00 00 00 00 AIR/NCK	
700	00 00 0.25 00 0.20 .00 .00 .00 .00 .00 AIR/TNK	
710	00 00 00 0, 05 00 00 00 .00 .00 00 AIR/CAT/NCK	
711	00 00 00 00 0.05 00 00 .00 .00 .00 AIR/CAT/TNK	
712	00 00 00 00 00 00 00 00 00 00 00 CAT/NCK	
713	00 00 00 00 00 00 00 0.05 .00 .00 .00 CAT/TNK	
714	95 0.75 0.75 0.75 0.75 .00 .00 1.00 .00 .00 .00 AIR	
715	00 00 00 00 00 00 00 00 00 00 00 CAT	
716	00 .00 .00 .00 .00 0.20 .00 .00 .00 0.25 .00 NCK	
717	00 .00 .00 .00 .00 .00 0.20 .00 .00 .00	
718	00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (PREVIOUS)	)
719	00 1 00 00 00 00 .00 .00 .00 .00 .00 EGR/NCK	
720	00 00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/TNK	
721	00 00 100 .00 .00 .00 .00 .00 .00 .00 EGR/CAT/NCK	
722	00 00 00 00 1.00 00 .00 .00 .00 .00 EGR/CAT/TNK	
723	00 .00 .00 .00 1.00 .00 .00 .00 .00 CAT/NCK	
724	.00 .00 .00 .00 .00 1.00 .00 .00 .00 CAT/TNK	
725	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
726	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
727	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK	
728	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	_
729	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	IL)
730	.00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/NCK	
731	.00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 AIR/TNK	
732	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
733	.00 .00 .00 0.05 .00 .00 .00 .00 .00 AIR/CAT/TNK	
734	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
735	.00 .00 .00 .00 .00 00 05 .00 .00 .00 .0	
736	0.95 0.85 0.85 0.85 0.85 .00 .00 1.00 .00 .00 .00 AIR	
737	.00 .00 .00 .00 .00 .00 00 00 00 .00 CAT	
738	.00 .00 .00 .00 0.00 0.10 .00 .00 0.15 .00 NCK	
7 <b>39</b>	.00 .00 .00 .00 .00 .00 0.10 .00 .00 .00	
7 <b>40</b>	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	11)
741	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
742	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
743	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
7 <b>44</b>	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
745	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
746	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
747	-00 <sup></sup> 00 <sup>+</sup> 00 00 00 00 00 00 00 00 00 EGR	
7 <b>48</b>	.00 .00 .00 .00 .00 .00 .00 1.00 .00 CAT	
749	.00 00 00 00 00 00 00 00 00 00 NCK	
750	.00 .00 .00 .00 .00 .00 .00 .00 1.00 INK	

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751		
752		
753	ANNUAL : INSPECT AIR PUMP, CATALYST, FUEL INLET (AND PLUMBTESMO	)
754	& CANISTER	
755		
756	30 1.00 0.30 1.00 EVAP/PCV	
757	05 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT	(PREVIOUS)
758	00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
759	00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/TNK	
760	00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	CK
761	00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	NK
762	00 .00 .00 .00 .00 0.05 .00 .00 .00 .00	
763	00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
764	15 .00 .00 .00 .00 .00 .00 0.20 .00 .00 .0	
765	00 00 00 00 00 00 00 00 00 05 00 00 CAT	
766	00 0.05 00 0.05 00 0.20 00 00 00 0.25 00 NCK	
767	00 00 0 05 00 0 05 00 0 20 00 00 00 0 25 TNK	
768	00 00 00 00 00 00 00 00 00 00 00 EGR/CAT	(PREVIOUS)
769	00 1 00 00 00 00 00 00 00 00 00 FGR/NCK	(
703	20 00 100 00 00 00 00 00 00 00 FGR/TNK	
771	20 20 100 100 100 100 100 100 100 100 10	сĸ
777		NK
771		
775		
775		
775		
770		
779		
770		(SUBSEQUENT)
7/9		
780		
781		CK
782	00 00 000 00 00 00 00 00 00 00 AIR/CAT/N	
783	00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
784	00 .00 .00 00 00 0.05 .00 00 00 .00 CAT/NCK	
785	00 00 00 00 00 00 00 00 00 00 00 00 00	
786	15 0.05 0.05 0.05 0.05 .00 00 0.20 00 .00 .00 AIR	
787	00 00 00 00 00 00 00 00 00 00 00 00 00	
788	00 .00 .00 .00 .00 0.10 00 .00 0.15 .00 NCK	
789	00 .00 .00 .00 .00 00 0.10 .00 .00 0.15 INK	
79 <b>0</b>	00 .00 .00 .00 .00 .00 .00 .00 .00 .00	(SUBSEQUENT)
791	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK	
792	00 00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/ TAK	
793	00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
794	00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	NK
795	00 .00 .00 .00 .00 1.00 .00 .00 .00 00 .00 CAT/NCK	
796	00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
797	00 <b>••••</b> •••••••••••••••••••••••••••••••	•
798	00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
799	00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
800	00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

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801	
802	
803	ANNUAL : INSPECT CATALYST. FUEL INLET & CANISTER
804	(I/M AREAS ONLY)
805	
806	. 30 1.00 0.30 1.00 EVAP/PCV
807	05 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)
808	.00 0.67 .00 0.36 .00 .00 .00 .00 .00 .00 AIR/NCK
809	00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK
810	00 00 00 00 05 00 00 00 00 00 00 AIR/CAT/NCK
811	00 00 00 00 0.05 00 00 00 00 00 AIR/CAT/TNK
812	00 00 00 00 00 0.05 00 00 00 00 00 CAT/NCK
813	00 00 00 00 00 00 00 0.05 00 00 .00 .00
814	95 0 33 00 0 59 00 00 00 1 00 00 00 00 AIR
815	AA AA AA AA AA AA AA AA AA AA AA AA AA
816	00 00 00 00 00 0 0 0 0 00 00 00 00 NCK
817	a a a a a a a a a a a a a a a a a a a
919	an an an an an an an an an an an an an EGR/CAT (PREVIOUS)
810	a 1 a a a a a a a a a a a a a a a a a a
013	
821	a a a a a a a a a a a a a a a a a a a
921	
022	
824	
024	
825	
826	
827	
828	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
829	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
830	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/NCK
831	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/INK
832	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
833	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
834	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
835	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
836	.95 0.70 .00 0.70 .00 .00 .00 1.00 .00 .00 .00 AIR
837	.00 .00 .00 .00 .00 .00 .00 .00 0.05 .00 .00
838	.00 .00 .00 .00 .00 0.25 .00 .00 .00 0.30 .00 NCK
839	.00 .00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 TNK
840	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
841	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
842	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
843	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
844	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
845	.00.00.00.00.00.00.00.00.00.00.00.00.00
846	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
847	
848	.00.00.00.00.00.00.00.00.00.00.00.00.00
849	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00
850	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00

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051	A																			
951	-																			
857	** •• Al	LIK H			TNC		٦T		i n ai	<u>ہ</u>	<b>^ A</b> 1		TZY	FU	F1 -	TN	IFT	& CAN	ISTER	
000	77 AI	NNU	AL	•	11421	- E( / T		AIR F			Ň		51,			114			10120	
034	**					(1)		AREAS	U.	4L I .	,									
800	**	<b>.</b> .	~~	~	70		~~													
000	0.3	יש ב	.00	0	. 30	1	. 00	~~~		00		20	00		00		00	00	ATR/CAT	
85/	0.0	2	.00		. 00	~	. 00	. 00		. 00		00	.00		.00		.00			(FREVIOUS)
858	. 0	0 0	.20		. 00	0	. 15	.00		. 00		. 00	. 00		.00		. 00	.00	AIR/NCK	
859	. 0	0	.00	0	. 20		. 00	0.15		. 60	•	. 00	. 00		.00		. 00	.00	AIR/INK	Nor
860	. 0	0	. 00		. 00	0	. 05	. 00		. 00		. 00	. 00		. 60		. 00	. 66	AIR/CAI/	
861	. 0	0	. 00		. 00		. 00	0.05	_	. 00		. 00	. 66		. 00		. 00	. 00	AIR/CAI/	INK
862	. 0	9	. 00		. 00		. 00	. 00	0	. 05	_	. 00	. 00		. 00		. 00	. 00	CAT/NCK	
863	. 0	9	. 00		. 00		. 00	. 00		. 00	0	. 05	. 00		. 00		. 00	.00	CAT/INK	
864	0.1	5	. 00		. 00		. 00	. 00		. 00		. 00	0.20		. 00		. 00	.00	AIR	
865	. 0	9	. 00		. 00		. 00	. 00		. 00		. 00	. 00	0	. 05		. 00	. 00	CAT	
866	. 0	90	. 47		. 00	0.	. 21	. 00	0	. 36		. 00	. 00		. 00	0	. 67	. 00	NCK	
867	. 0	9	. 00	0	. 80		. 00	0.80		. 00	0.	95	. 00		. 00		. 00	1.00	TNK	
868	1.0	9	. 00		. 00		. 00	. 00		. 00		00	. 00		. 00		. 00	. 00	EGR/CAT	(PREVIOUS)
869	. 0	01	. 00		. 00		. 00	. 00		. 00		.00	. 00		. 00		.00	. 00	EGR/NCK	
870	. 0	2	. 00	1	. 00		. 00	. 00		. 00		00	. 00		. 00		. 00	. 00	EGR/TNK	
871	. 00	2	. 00		. 00	1.	. 00	. 00		. 00		00	. 00		. 00		. 00	. 00	EGR/CAT/	NCK
872	0	2	.00		. 00		00	1.00		. 00		00	. 00		. 00		. 00	. 00	EGR/CAT/	TNK
873	0	2	.00		00		00	. 00	1	.00		.00	.00		00		. 00	.00	CAT/NCK	•
874		à	. 00		00		00	.00	·	00	1	00	.00		00		. 00	.00	CAT/TNK	
875		à	60		60		. 00			00		00	1 00		00		00	. 00	EGR	
876	. 0.	ă	. 00		. 00			. 00		00		80	. 00	1	00		00	.00	CAT	
977		à	.00		. 00		. 00	. 00		60		60	. 00	•	00	1		.00	NCK	
979	. 0	à	.00		. 00 88		. 00	. 00		. 00 00		aa				•	00	1 00	TNK	
970	0.0	5	.00		00		00	.00		. 00 00		80	. 00		aa		. 00		AIR/CAT	(SUBSEQUENT)
0/3	0.0	20	200		00	0	15	. 00		. 00		. 00 	.00		aa		. 00	00	ATR/NCK	(••••••••
991	. 0	20	. 20	۵	200	0	00	A 15		. 00 88		. 00 AA	.00		. 00 		. 00 	. 00	AIR/TNK	
001	. 0	2	.00	U	. 20	<u> </u>	.00	0.13		. 00		00	. 00		. 00 aa		00	.00	ATR/CAT/	NCK
002	. 0	0	.00		. 00	0	. 00					00	.00		00		00	. 00	ATR/CAT/	TNK
883	. 01	0	. 00		. 00		. 00	0.05	•	. 00		00	.00		.00		. 00	.00	CAT/NCK	
884	. 01	0	. 00		. 00		. 00	. 00	0	. 00	•	00	.00		.00		. 00	.00	CAT/INCK	
885	. 00	0	. 00		. 00		. 00	. 00		. 00	0	. 05	.00		. 00		. 00	. 00	ATP	
886	0.1	5	.00		. 00		. 00	. 00		.00		. 00	0.20	~	.00		. 00	.00		
887	. 00	0	.00		. 00	_	. 00	. 00	~	.00		.00	.00	0	.05	~	.00	.00	LAT	
888	. 0	9 e	. 10		. 00	0	. 10	00	0	. 25	-	00	. 00		. 60	0	. 30	.00		
889	. 0	0	. 0 <b>0</b>	0	. 80		. 00	0.80		. 00	0	.95	. 00		. 00		. 00	1.00		
890	1.0	9	.00		. 00		. 00	. 00		. 00		. 00	. 00		. 00		. 60	.00	EGRICAT	(SUBSEQUENT)
891	. 0	9 1	. 00		. 00		. 00	00		. 00		00	. 00		. 00		. 00	. 00	EGRINUK	
892	. 0	0	. 00	1	. 0 <b>0</b>		. 00	.00		. 00		.00	. 00		.00		. 00	. 00	EGRITNK	
893	. 0	9	. 00		. 00	1	. 00	. 00		. 00		.00	. 0 <b>0</b>		.00		.00	.00	EGR/CAT/	
894	. 0	0	. 00		. 00		. 00	1.00		. 00		. 00	. 00		. 00		. 00	. 00	EGR/CAT/	INK
895	. 0	9	. 00		. 00		. 00	. 00	1	. 00		. 00	.00		. 00		. 00	. 00	CAT/NCK	
896	. 0	9	. 00		. 00		. 00	00		. 00	1	00	. 00		.00		. 00	. 00	CAT/TNK	
897	. 0	0	:00		:00		. 00	00		. 00		. 00	1.00		00		. 00	. 00	EGR	
898	. 0	0	. 00		. 00		. 00	. 00		. 0 <b>0</b>		. 00	. 00	1	<b>0</b> 0		. 00	. 00	CAT	
899	. 0	9	.00		. 00		. 0 <b>0</b>	. 00		. 00		. 00	. 00		00	1	. 00	.00	NCK	
900	. 0	0	. 00		. 00		. 00	00		.00		00	. 00		. 00		. 00	1.00	TNK	

901		
902		
903		
904	ANNUAL : INSPECT AIR PUMP & PCV	
905		
906	.00 0.30 1.00 0.30 EVAP/PCV	
907	.20 .00 .00 .00 .00 .00 .00 .00 .00 .00	
908	.00 0.20 .00 .00 .00 .00 .00 .00 .00 .00	
909	.00 .00 0.20 .00 .00 .00 .00 .00 .00 .00	
910	.00 .00 .00 0.20 .00 .00 .00 .00 .00 .00	
911	.00 .00 .00 .00 0.20 .00 .00 .00 .00 .00	
912	.00 .00 .00 0.80 .00 1.00 .00 .00 .00 .00 .00 CAT/NCK	
913	.00 .00 .00 .00 0.80 .00 1.00 .00 .00 .00 .00 CAT/TNK	
914	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
915	.80 .00 .00 .00 .00 .00 .00 .00 .00 .00	
916	.00 0.80 .00 .00 .00 .00 .00 .00 .00 .00	
917	.00 .00 0.80 .00 .00 .00 .00 .00 .00 1.00 TNK	
918	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
919	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
920	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
921	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
922	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
923	.00 .00 .00 .00 .00 1:00 .00 .00 .00 .00 CAT/NCK	
924	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
925	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
926	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	
927	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
928	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	_ `
929	.20 .00 .00 .00 .00 .00 .00 .00 .00 .00	T)
930	.00 0.20 .00 .00 .00 .00 .00 .00 .00 .00	
931	.00 .00 0.20 .00 .00 .00 .00 .00 .00 .00	
932	.00 .00 .00 0.20 .00 .00 .00 .00 .00 .00	
933	.00 .00 .00 .00 0.20 .00 .00 .00 .00 .00	
934	.00 .00 .00 0.80 .00 1.00 .00 .00 .00 .00 CAT/NCK	
935	.00 .00 .00 .00 0.80 .00 1.00 .00 .00 .00 .00 CAT/TNK	
936	.00 .00 .00 .00 .00 .00 .00 .20 .00 .00	
937	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
938	.00 0.80 .00 .00 .00 .00 .00 .00 1.00 .00 NCK	
939	.00 .00 0.80 .00 .00 .00 .00 .00 .00 1.00 TNK	
940	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	I)
941	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
942	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
943	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
944	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
945	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
946	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
947		
948	.00 .00 .00 .00 .00 .00 .00 1.00 .00 CAT	
949	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
950	.00 .00 .00 .00 .00 .00 .00 .00 1.00 INK	

951 +   952 +   953 +   954 +   955 +   955 +   956 +   957 0.05 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			
952 ***   954 ***   955 ***   955 ***   955 ***   955 ***   957 0.05 00.06 00.06 00.06 00.06 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07 00.07	951	4	
953 *** ANNUAL: INSPECT CATALYST & PCV   955 *** ANNUAL: INSPECT CATALYST & PCV   955 *** 0.05 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0.06 0	952	**	
954 •• ANNUAL : INSPECT CATALYST & PCV   955 ••   956 1.00 0.30   957 0.05 00 00 0.00 00 0.00 00 0.00 00 0.00 00 0.00 00 0.00 00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	953	**	
955 1.00 0.30 .00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 <	954	** ANNUAL : INSPECT CATALYST & PCV	
955 1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	955	**	
937 0.85 .00 1.00 0.00 0.00 0.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	956	1.00 0.30 1.00 0.30 EVAP/PCV	
955 .00 1.00 .00 0.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>957</td><td>0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00</td><td>NS)</td></td<>	957	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	NS)
953 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	958	.00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/NCK	
960 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	959	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 ALR/INK	
961 00 00 00 0.00 00 0.00 00 0.00 00 0.00 00 0.00 00 0.00 00 0.00 00 0.00 00 0.00 00 0.00 00 0.00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	960	00.00 00.05 00 00 00 00 00 00 00 AIR/CAI/NCK	
962 606 606 606 605 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 606 6	961	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
963 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	962	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00	
964 0.95 0.00 0.00 0.00 0.00 0.00 Alt   965 0.00 0.00 0.00 0.00 0.00 0.00 NK   966 0.00 0.00 0.00 0.00 0.00 0.00 NK   967 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 NK   968 1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	963	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
985 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	964	0,95 .00 .00 .00 .00 .00 1.00 .00 .00 Alk	
966 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	965	.00 .00 .00 .00 .00 .00 .00 .05 .00 CAT	
967 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	966	.00.00.00.00.00.00.00.00.00.00.00.00.00	
968 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	967	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	416)
959 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	968	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	<i>N</i> 3)
970 .00 1.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>969</td><td></td><td></td></td<>	969		
971 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	970		
972 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	9/1		
973 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	972		
974 .000 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	973		
975 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	9/4		
975 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	975		
97/ .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	976		
978 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	977		
979 0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	978		HENT)
980 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	9/9		Jucity /
981 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	960		
983 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	901		
983 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	902 093		
984 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	303		•
986 0.95 00 00 00 00 00 100 100 100 100 100 100 AIR   987 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 <td>304</td> <td>20 00 00 00 00 00 00 00 00 00 00 00 00 CAT/TNK</td> <td></td>	304	20 00 00 00 00 00 00 00 00 00 00 00 00 CAT/TNK	
987 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	300		
988 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .	987	A AA	
989 00 00 00 00 00 00 00 00 1.00 1.00 TNK   990 1.00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	988	00 00 00 00 00 00 05 00 00 00 1 00 00 NCK	
990 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	989	00 00 00 00 00 00 00 00 00 100 TNK	
991 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	990	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	)UENT)
992 00 00 100 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 <	991	00 1.00 00 00 .00 .00 .00 .00 .00 .00 EGR/NCK	
993 00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	992	00 00 1.00 00 .00 00 .00 .00 .00 .00 .00	
994 .00 .00 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>993</td><td>00 .00 .00 1.00 .00 .00 .00 .00 .00 .00</td><td></td></td<>	993	00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
995 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	994	00 00 00 100 100 00 00 00 00 00 00 EGR/CAT/TNK	
996 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	995	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
997 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	996	.00 .00 .00 .00 .00 1.00 .00 .00 .00 CAT/TNK	
998	997	.00 🖣 00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
999 . 00 . 00 . 00 . 00 . 00 . 00 . 00	998	.00.00.00.00.00.00.00.00.00.00.00.00.00	
1000 .00 .00 .00 .00 .00 .00 .00 .00 .00	999	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
	1000	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	
1001	4		
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1002	**		
1003	**		
1004	** ANNUAL : INSPECT AIR PUMP, CATALYST & PCV		
1005	**		
1006	1,00 0.30 1.00 0.30	EVAP/PCV	
1007	0.05.00.00.00.00.00.00.00.00.00.00.00	AIR/CAT (PREVIOUS)	
1008	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 .00 .00	AIR/NCK	
1009	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00	AIR/INK	
1010	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	AIR/CAT/NCK	
1011	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	AIR/CAT/TNK	
1012	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	CAT/NCK	
1013	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	CAT/INK	
1014	0.15 .00 .00 .00 .00 .00 .00 0.20 .00 .00 .0	AIR	
1015	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	CAT	
1016	.00 0.80 .00 0.80 .00 0.95 .00 .00 .00 1.00 .00	NCK	
1017	.00 .00 0.80 .00 0.80 .00 0.95 .00 .00 .00 1.00	TNK	
1018	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	EGR/CAT (PREVIOUS)	
1019	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	EGR/NCK	
1020	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	EGR/TNK	
1021	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	EGR/CAT/NCK	
1022	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	EGR/CAT/INK	
1023	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	CAT/NCK	
1024	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	CAT/INK	
1025	.00.00.00.00.00.00.00.00.00.00.00.00.00	EGR	
1026	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	CAT	
1027	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	NCK	
1028	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00		
1029	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	AIR/CAT (PREVIOUS)	
1030	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 .00	AIR/NUK	
1031	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00	AIR/INK	
1032	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	AIR/CAI/NCK	
1033	.00 .00 .00 .00 .05 .00 .00 .00 .00 .00	AIR/UAI/INK	
1034	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00		
1035	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00		
1036	0.15 .00 .00 .00 .00 .00 0.20 .00 .00 .00		
1037	· 00 00 00 00 00 00 00 00 00 00 00		
1038 -	.00 0.80 .00 0.80 .00 0.95 .00 .00 .00 1.00 .00		
1039	.00 .00 0.80 .00 0.80 .00 0.95 .00 .00 1.00		
1040	1.00.00.00.00.00.00.00.00.00.00.00	EGR/CAT (SUBSEQUENT)	
1041	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00		
1 <b>042</b>	00, 00, 00, 00, 00, 00, 00, 00, 00, 00,	EGR/INK	
1043	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	EGR/CAT/NCK	
1044	00 00 00 00 00 00 00 00 00 00	EGR/CAT/INK	
1045	00.00.00.00.00.00.00.00.00.00.00.00.00.		
1046	00.00.00.00.00.00.00.00.00.00.00.00.00.	CAT/INK	
1047	00 00 00 00 00 00 00 00 00 00		
1048	00.00.00.00.00.00.00.00.00.00.00.00.00.		
1049	00.00.00.00.00.00.00.00.00.00.00.00.00.		
1 <b>050</b>	00.1 00. 00. 00. 00. 00. 00. 00. 00. 00.	INK	

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1051		
1052		
1053	ANNUAL : INSPECT CATALYST. FUEL INLET & PCV	
1054	(NON-I/M AREAS ONLY)	
1055		
1056	.00 0.30 1.00 0.30 EVAP/PCV	
1057	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	.)
1058	.00 0.83 .00 0.62 .00 .00 .00 .00 .00 .00 AIR/NCK	
1059	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK	
1060	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
1061	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
1062	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1063	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
1064	.95 0.17 .00 0.33 .00 .00 .00 1.00 .00 .00 .00 AIR	
1065	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
1066	.00 .00 .00 .00 .00 0.62 .00 .00 .00 0.83 .00 NCK	
1067	.00 .00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 TNK	
1068	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	)
1069	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1070	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1071	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1072	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
1073	.00.00.00.00.00.00.00.00.00.00.00.00.00	
1074	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
1075	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
1076	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1077	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1078	.00 .00 .00 .00 00 .00 .00 .00 .00 1.00 TNK	
1079	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	(TN,
1080	.00 0.70 .00 0.65 .00 .00 .00 .00 .00 .00 AIR/NCK	
1081	.00 .00 1.00 .00 0.95 .00 00 .00 .00 .00 .00 AIR/TNK	
1082	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
1083	.00 .00 .00 .00 0.05 .00 00 .00 .00 .00	
1084	.00 .00 .00 .00 0.05 .00 .00 00 .00 CAT/NCK	
1085	.00 .00 .00 .00 .00 00 0.05 00 .00 00 00 CAT/INK	
1086	.95 0.30 .00 0.30 .00 00 00 1.00 .00 00 00 AIR	
1087	00 .00 .00 .00 .00 00 00 00 00 CAT	
1088	00 00 00 00 00 00 05 00 00 00 0 00 NCK	
1089	00 00 00 00 00 00 00 00 95 00 00 00 100 INK	****
1090	00 00 00 00 00 00 00 00 00 00 00 00 00	341.)
1091	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1092	00 00 1.00 00 00 00 00 00 00 00 00 EGR/INK	
1093	00 00 00 100 00 00 00 00 00 00 00 00 00	
1094	00 00 00 00 00 00 00 00 00 00 00 00 00	
1095	00 00 00 00 00 00 00 00 00 00 00 00 00	
1096	00 00 00 00 00 00 00 00 00 00 00 00 00	
1097	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1098	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1099		
1100	ANT 00.100.00,00,00,00,00,00,00,00,00	

1101		
1102		
1103	ANNUAL : INSPECT AIR PUMP, CATALYST, FUEL INLET & PCV	
1104	(NON-I/M AREAS ONLY)	
1105		
1106	1.00 0.30 1.00 0.30 EVAP/PCV	
1107	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	)
1108	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/NCK	
1109	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/TNK	
1110	.00 .00 .00 .05 .00 .00 .00 .00 .00 .00	
1111	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
1112	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00	
1113	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
1114	0.15 .00 .00 .00 .00 .00 .00 0.20 .00 .00 .0	
1115	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1116	.00 0.63 .00 0.47 .00 0.62 .00 .00 .00 0.83 .00 NCK	
1117	.00 .00 0.80 .00 0.80 .00 0.95 .00 .00 .00 1.00 TNK	
1118	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	)
1119	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1120	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1121	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1122	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
1123	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
1124	.00.00.00.00.00.00.00.00.00.00.00.00.00	
1125	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
1126	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
1127	.00.00.00.00.00.00.00.00.00.00.00.00.00	
1128	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	、
1129	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	)
1130	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/NCK	
1131	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 AIR/TNK	
1132	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
1133	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
1134	.00 .00 .00 .00 00 0.05 .00 .00 .00 .00	
1135	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
1136	).15 .00 .00 .00 .00 .00 0.20 .00 .00 AIR	
1137	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1138	.00 0.50 .00 0.50 .00 0.65 .00 .00 .00 0.70 .00 NCK	
1139	.00 .00 0.80 .00 0.80 .00 0.95 .00 .00 .00 1.00 TNK	
1140	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	4T)
1141	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1142	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1143	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1144	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
1145	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1146	_00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
1147	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1148	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1149	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
1150	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

1151	4
1152	**
1153	**
1154	** ANNUAL : INSPECT CATALYST, FUEL INLET (AND PLUMBTESMO) & PCV
1155	**
1156	1.00 0.30 1.00 0.30 EVAP/PCV
1157	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1158	.00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 AIR/NCK
1159	.00 .00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 AIR/TNK
1160	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
1161	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1162	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00
1163	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
1164	0.95 0.75 0.75 0.75 0.75 .00 .00 1.00 .00 .00 .00 AIR
1165	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1166	.00 .00 .00 .00 .00 0.20 .00 .00 .00 0.25 .00 NCK
1167	.00 .00 .00 .00 .00 .00 0.20 .00 .00 .00
1168	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1169	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
1170	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1171	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1172	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1173	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1174	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
1175	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
1176	.00.00.00.00.00.00.00.00.00.00.00.00.00
1177	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
1178	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
1179	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1180	.00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/NCK
1181	.00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 AIR/TNK
1182	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
1183	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1184	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00
1185	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
1186	0.95 0.85 0.85 0.85 0.85 .00 .00 1.00 .00 .00 ALR
1187	.00 .00 .00 .00 .00 .00 .00 .00 0.05 .00 .00
1188	.00 .00 .00 .00 .00 0.10 .00 .00 .00 0.15 .00 NCK
1189	.00 .00 .00 .00 .00 .00 0.10 .00 .00 .00
1190	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1191	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
1192	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1193	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1194	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1195	.00 .00 .00 00 .00 1.00 .00 .00 .00 .00
1196	00 00 00 00 00 00 100 00 00 00 00 CAT/TNK
1197	.00 .00 00 00 .00 .00 1.00 .00 00 00 LGR
1198	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
1199	.00 .00 .00 .00 .00 .00 .00 .00 1 00 .00 NCK
1200	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK

1201		
1202		
1203	ANNUAL : INSPECT AIR PUMP, CATALYST, FUEL INLEI (AND PLUMBIESMO)	
1204	& PCV	
1205		
1206	.00 0.30 1.00 0.30	
1207	.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	EVIOUS)
1208	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
1209	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/INK	
1210	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
1211	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
1212	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00	
1213	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
1214	.15 .00 .00 .00 .00 .00 0.20 .00 .00 AIR	
1215	.00 .00 .00 .00 .00 .00 .00 0.05 .00 .00	
1216	.00 0.05 .00 0.05 .00 0.20 .00 .00 .00 0.25 .00 NCK	
1217	.00 .00 0.05 .00 0.05 .00 0.20 .00 .00 .00 0.25 INK	
1218	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	EV1005)
1219	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1220	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1221	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1222	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
1223	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
1224	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
1225	.00 .00 .00 .00 .00 .00 1.00 .00 .00 EGR	
1226	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
1227	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
1228	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	
1229	.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	BSEQUENT)
1230	.00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/NCK	
1231	.00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/INK	
1232	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
1233	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
1234	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00	
1235	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
1236	.15 0.05 0.05 0.05 0.05 .00 .00 0.20 .00 .00 AIR	
1237	.00 .00 .00 .00 .00 .00 .00 0.05 .00 00 CAI	
12 <b>3</b> 8	.00 .00 .00 .00 .00 0.10 .00 .00 .00 0.15 .00 NCK	
1239	.00 .00 .00 .00 .00 .00 0.10 .00 .00 .00	
1240	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	BSEQUENT)
1241	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1242	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1243	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1244	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
1245	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
1246	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
1247	.00 .00 .00 .00 .00 .00 1.00 .00 .00 EGR	
1248	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1249	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
1250	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	

1251	
1252	
1253	• ANNUAL : INSPECT CATALYST, FUEL INLET & PCV
12 <b>54</b>	• (I/M AREAS ONLY)
1255	•
1256	1.00 0.30 1.00 0.30 EVAP/PCV
1257	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1258	.00 0.67 .00 0.36 .00 .00 .00 .00 .00 .00 .00 AIR/NCK
1259	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK
1260	.00 .00 .00 .05 .00 .00 .00 .00 .00 .00
1261	.00 .00 .00 0.05 .00 .00 .00 .00 .00 AIR/CAT/TNK
1262	.00 .00 .00 .00 0.05 .00 .00 .00 .00 CAT/NCK
1263	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
1264	0.95 0.33 .00 0.59 .00 .00 .00 1.00 .00 .00 .00 AIR
1265	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
1266	.00 .00 .00 .00 .00 0.36 .00 .00 .00 0.67 .00 NCK
1267	.00.00.00.00.00.00.00.00.00.00.00.00.00
1268	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1269	.00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/NCK
1270	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1271	00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1272	00 00 00 00 1 00 00 00 00 00 00 EGR/CAT/TNK
1273	00 00 00 00 1.00 00 00 00 00 00 CAT/NCK
1274	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
1275	00 00 00 00 00 00 00 1.00 00 00 EGR
1276	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
1277	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
1278	.00.00.00.00.00.00.00.00.00.00.00.00.00
1279	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1280	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/NCK
1281	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK
1282	00 00 00 0.05 00 .00 .00 .00 .00 .00 AIR/CAT/NCK
1283	00 00 00 00 0.05 00 00 00 00 00 AIR/CAT/TNK
1284	00 00 00 00 00 0.05 00 00 00 00 CAT/NCK
1285	00 00 00 00 00 00 0.05 00 00 00 00 CAT/TNK
1286	A 95 A 7A AA 7A AA .00 .00 1.00 .00 .00 .00 AIR
1287	00 00 00 00 00 00 00 00 00 00 CAT
1288	00 00 00 00 00 0.25 00 00 00 0.30 00 NCK
1289 -	00 00 00 00 00 00 0.95 00 00 00 1 00 TNK
1290	1 00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUENT
1291	00 1 00 00 00 00 00 00 00 00 00 EGR/NCK
1297	00 00 1 00 00 00 00 00 00 00 00 00 EGR/TNK
1293	00 00 100 00 00 00 00 00 00 00 EGR/CAT/NCK
1294	00 00 00 1 00 00 00 00 00 00 00 EGR/CAT/TNK
1295	00 00 00 00 1 00 00 00 00 00 00 CAT/NCK
1296	00 00 00 00 00 00 1.00 00 00 00 00 CAT/TNK
1297	- 00- 00 00 00 00 1.00 00 00 EGR
1298	00 00 00 00 00 00 00 00 00 00 00 00 00
1299	00 00 00 00 00 00 00 00 1 00 NCK
1300	00 00 00 00 00 00 00 00 00 100 TNK

1301	4	
1302		
1303	•• ANNUAL : INSPECT AIR PUMP, CATALYSI, FUEL INLEI & PCV	
1304	•• (I/M AREAS ONLY)	
1305	••	
1306		
1307	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	JS)
1308	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/NCK	
1309	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/TNK	
1310	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
1311	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
1312	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
1313	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1314	0.15 .00 .00 .00 .00 .00 .00 0.20 .00 .00 AIR	
1315	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	
1316	.00 0.47 .00 0.21 .00 0.36 .00 .00 .00 0.67 .00 NCK	
1317	.00 .00 0.80 .00 0.80 .00 0.95 .00 .00 .00 1.00 TNK	
1318	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	US)
1319	00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1320	00 00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/TNK	
1321	00 00 100 00 00 00 00 00 00 00 00 EGR/CAT/NCK	
1322	00 00 00 00 1 00 00 00 00 00 00 00 EGR/CAT/TNK	
1323	00 00 00 00 00 1.00 00 00 00 00 CAT/NCK	
1324	00 00 00 00 00 00 1 00 00 00 00 00 CAT/TNK	
1325	00 00 00 00 00 00 1 00 00 00 EGR	
1326	00 00 00 00 00 00 00 100 00 CAT	
1327	00 00 00 00 00 00 00 00 100 00 NCK	
1328	00 00 00 00 00 00 00 00 00 100 TNK	
1320	0 05 00 00 00 00 00 00 00 00 00 AIR/CAT (SUBSEQ	UENT)
1330	0 0 0 0 0 0 15 00 00 00 00 00 00 00 AIR/NCK	
1331	00 00 0 0 0 0 15 00 00 00 00 00 00 AIR/TNK	
1337	20 00 00 00 00 00 00 00 00 00 00 AIR/CAT/NCK	
1332	20 20 20 20 20 20 20 20 20 20 20 20 20 2	
1333		
1334		
1335		
1330		
1337		
1338		
1339		
1340	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	JEINT
1341		
1342		
1343		
1344	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1345	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
1346	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0	
1347		
1348	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1349	.00 .00 .00 .00 .00 .00 .00 .00 NCK	
1350	.00 .00 .00 .00 .00 .00 .00 .00 .00 INK	

1351	
1352	*
1353	•
1354	ANNUAL INSPECT AIR PUMP. CANISTER & PCV
1355	
1356	0.30 0.30 0.30 EVAP/PCV
1357	0 20 .00 .00 .00 .00 .00 .00 .00 .00 .00
1358	00 0 20 00 00 00 .00 00 .00 .00 .00 AIR/NCK
1359	00 00 0.20 00 .00 .00 .00 .00 .00 .00 AIR/TNK
1360	00 00 00 0.20 00 00 00 00 00 00 00 AIR/CAT/NCK
1361	00 00 00 00 0.20 00 00 00 00 00 AIR/CAT/TNK
1362	00 00 00 0 0 0 1 00 00 00 00 00 00 CAT/NCK
1363	00 00 00 00 0 00 00 1 00 00 00 00 00 CAT/TNK
1364	00 00 00 00 00 00 00 00 00 00 00 AIR
1365	2 80 00 00 00 00 00 00 100 00 CAT
1366	00 0 80 00 00 00 00 00 00 100 00 NCK
1367	20 00 00 100 100 100 100 100 100 100 100
1369	1 00 00 000 00 00 00 00 00 00 00 FGR/CAT (PREVIOUS)
1360	20 1 20 20 20 20 20 20 20 20 20 20 20 20 20
1309	
1370	
13/1	
1372	
13/3	
13/4	
13/5	
13/6	
13//	
13/8	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1379	0.20 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAI (SUBSEQUENT
1380	.00 0.20 .00 .00 .00 .00 .00 .00 .00 AIR/NCK
1381	.00 .00 0.20 .00 .00 .00 .00 .00 .00 .00
1382	.00 .00 .00 0.20 .00 .00 .00 .00 .00 .00
1383	.00 .00 .00 .00 0.20 .00 .00 .00 .00 .00
1384	.00 .00 .00 0.80 .00 1.00 .00 .00 .00 .00 CAT/NCK
1385	.00 .00 .00 .00 0.80 .00 1.00 .00 .00 .00 .00 CAT/INK
1386	.00 .00 .00 .00 .00 .00 0.20 .00 .00 .00
1387	0.80 .00 .00 .00 .00 .00 .00 .00 .00 CAT
1388	.00 0.80 .00 .00 .00 .00 .00 .00 1.00 .00 NCK
1389	.00 .00 0.80 .00 .00 .00 .00 .00 .00 1.00 INK
139 <b>0</b>	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1391	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
1392	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1393	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1394	.00 .00 00 .00 1.00 .00 .00 .00 .00 .00
1395	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
1396	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
1397	
1398	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1399	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00
1400	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK

1401	
1402	
1403	•
1404	• ANNUAL : INSPECT CATALYST, CANISTER & PCV
1405	
1406	0.30 0.30 0.30 0.30 EVAP/PCV
1407	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1408	.00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/NCK
1409	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK
1410	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
1411	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1412	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
1413	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
1414	0.95 .00 .00 .00 .00 .00 1.00 .00 .00 AIR
1415	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
1416	.00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 .00 NCK
1417	.00 .00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 TNK
1418	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1419	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
1420	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1421	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1422	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1423	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
1424	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
1425	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00
1426	.00 .00 .00 .00 .00 .00 .00 .00 .00 CAT
1427	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
1428	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
1429	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1430	.00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/NCK
1431	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/TNK
1432	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
1433	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1434	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
1435	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
1436	9.95 .00 .00 .00 .00 .00 .00 1.00 .00 .00 .0
1437	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1438	.00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 .00 NCK
1439	.00 .00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 TNK
1440	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1441	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
14 <b>4</b> 2	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1443	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1444	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1445	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1446	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
1447	<b>40</b> 00 00 00 00 00 00 00 00 00 00 00 00 0
1448	00 00 00 00 00 00 00 00 00 00 00 00
1449	
1450	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00

1451	4							
1452	**							
1453	**							
1454	** ANN	UAL :	INSPECT	AIR PUN	MP, CATALI	ST, CANIST	ER & PCV	
1455	**							
1456	0.30	0.30 0	.30 0.30					EVAP/PCV
1457	0.05	.00	.00 .00	. 00	.00 .00	.00.00	.00.00	AIR/CAT (PREVIOUS)
1458	. 00	0.20	.00 0.15	. 00	.00 .00	.00.00	.00 .00	AIR/NCK
1459	. 00	.00 0	.20 .00	0.15	.00 .00	.00 .00	.00.00	AIR/TNK
1460	. 00	. 00	.00 0.05	. 00	.00 .00	.00 .00	.00 .00	AIR/CAT/NCK
1461	. 00	. 00	.00 .00	0.05	.00.00	.00.00	.00.00	AIR/CAT/TNK
1462	. 00	. 00	.00 .00	.00 0	0.05 .00	.00.00	.00.00	CAT/NCK
1463	. 00	. 00	.00 .00	. 00	.00 0.05	.00.00	.00.00	CAT/TNK
1464	0.15	.00	.00 .00	. 00	.00.00	0.20 .00	.00.00	AIR
1465	.00	. 00	.00 .00	. 00	.00 .00	.00 0.05	.00.00	CAT
1466	. 00	0.80	.00 0.80	.00 e	9.95 .00	.00.00	1.00 .00	NCK
1467	. 00	.00 0	.80 .00	0.80	.00 0.95	.00.00	.00 1.00	TNK
1468	1.00	. 00	.00 .00	. 00	.00 .00	.00 .00	.00.00	EGR/CAT (PREVIOUS)
1469	. 00	1.00	.00 .00	. 00	.00 .00	.00 .00	.00 .00	EGR/NCK
1470	. 00	. 00 1	.00 .00	. 00	.00 .00	.00 .00	.00.00	EGR/TNK
1471	. 00	. 00	.00 1.00	. 00	.00 .00	.00 .00	.00 .00	EGR/CAT/NCK
1472	. 00	. 00	.00 .00	1.00	.00 .00	.00 .00	.00 .00	EGR/CAT/TNK
1473	. 00	. 00	.00 .00	.00 1	1.00 .00	.00.00	.00.00	CAT/NCK
1474	. 00	. 00	.00 .00	. 00	.00 1.00	.00 .00	.00.00	CAT/INK
1475	. 0 <b>0</b>	. 00	.00.00	. 00	.00 .00	1.00 .00	.00.00	EGR
1476	. 00	. 00	.00 .00	. 00	.00.00	.00 1.00	.00 .00	CAT
1477	. 0 <b>0</b>	. 00	.00 .00	. 00	.00.00	.00 .00	1.00 .00	NCK
1478	. 00	. 00	.00 .00	. 00	.00 .00	.00 .00	.00 1.00	
1479	0.05	. 00	.00 .00	. 00	.00 .00	.00 .00	.00 .00	AIR/CAI (PREVIOUS)
1480	. 00	0.20	00 0.15	.00	.00 .00	.00 .00	.00.00	AIR/NCK
1481	. 00	.00 0	.20 .00	0 15	.00 .00	.00 .00	.00.00	AIR/INK
1482	. 00	. 00	.00 0.05	. 00	.00 00	.00 .00	.00 .00	AIR/CAI/NCK
1483	. 00	. 00	.00 .00	0.05	00 00	.00 .00	.00 .00	AIR/CAI/INK
1484	. 00	. 00	.00 .00	.00 0	0.05 .00	.00 .00	.00.00	CAT/NUK
1485	. 00	. 00	00 .00	. 00	.00 0.05	.00 .00	.00.00	LAT/INK
1486	0.15	. 00	.00 00	. 00	.00 .00	0.20 .00	.00.00	AIR
1487	. 00 .	. 00	.00 .00	. 00	.00 .00	.00 0.05	1 00 00	
1488	.00	0.80	.00 0.80	.00 0	0.95 00	.00.00	00 1 00	
1489	.00	.00 0	0.80 .00	0.80	.00 0.95	.00 .00	.00 1.00	FOR /CAT (SUBSFOLIENT)
1490	1.00	. 00	.00 .00	. 00	.00 00	.00.00	.00 .00	ECR/NCK (JOBJEGOENT)
1491	. 00	1.00	.00 .00	.00	.00 .00	.00 .00	.00 .00	
1492	.00	. 00 1	.00 .00	.00	.00 .00	00 .00	00 00	EGR/CAT/NCK
1495	. 00	. 00	.00 1.00	1 00	00 00	.00 .00 00 00	00 .00 00 00	FGR/CAT/TNK
1494	. 60	. 00	00 00	00 1	1 00 00	.00 .00 00 00	00 00	
1490	.00	. 00			00 1 00	- 00 .00 - 00 - 00	.00 .00 00 00	
1490	.00	. 00	00 00	.00	- 00 - 00 - 00 - 00	1 00 00	00 00	FGR
143/	. 00	00	00 00	. 00 aa	00 00	.00 1 00	00 00	CAT
1400	.00	. 00	00 00	.00		66 66	1.00 .00	NCK
1500		. 00	00 .00			00 00	00 1 00	TNK
1500								

1501	4
1502	**
1503	** ANNUAL : INSPECT CATALYST, FUEL INLET, CANISTER & PCV
1504	•• (NON-I/M AREAS ONLY)
1505	
1506	
1507	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1508	.00 0.83 .00 0.62 .00 .00 .00 .00 .00 .00 AIR/NCK
1509	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/INK
1510	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
1511	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1512	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
1513	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
1514	0.95 0.17 .00 0.33 .00 .00 .00 1.00 .00 .00 .00 AIR
1515	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1516	.00 .00 .00 .00 .00 0.62 .00 .00 .00 0.83 .00 NCK
1517	.00 .00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 TNK
1518	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1519	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
1 <b>520</b>	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1521	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1522	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1523	.00.00.00.00.00.00.00.00.00.00.00.00.00
1524	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
1525	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
1526	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1527	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1528	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
152 <b>9</b>	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1530	.00 0.70 .00 0.65 .00 .00 .00 .00 .00 .00 AIR/NCK
1531	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK
1532	.00.00.00.00.00.00.00.00.00.00.00.00.00
1533	.00.00.00.00.00.00.00.00.00.00.00.00.00
1534	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
1535	.00 .00 .00 .00 .00 .00 .05 .00 .00 .00
1536	0.95 0.30 .00 0.30 .00 .00 .00 1.00 .00 .00 .00 AIR
1537	00. 00. 00. 00. 00. 00. 00. 00. 00. 0
1538	.00 .00 .00 .00 .00 0.65 .00 .00 .00 0.70 .00 NCK
1539	.00 .00 .00 .00 .00 .00 .95 .00 .00 .00 1.00 TNK
1540	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1541	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
1542	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1543	00 00 1 00 00 00 00 00 00 00 00 00 EGR/CAT/NCK
1544	00 .00 .00 1.00 .00 .00 .00 .00 .00 EGR/CAT/TNK
1545	00 00 00 00 00 1.00 00 00 00 00 CAT/NCK
1546	00 00 00 00 00 00 1 00 00 00 00 00 CAT/TNK
1547	• 00 00 00 00 00 00 00 00 00 00 00 00 00
1548	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
1549	.00.00.00.00.00.00.00.00.00.00.00.00.00
1550	.00.00.00.00.00.00.00.00.00.00.00.00.00

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1551	4				•
1552	**				
1553	** ANN	WAL : INSPECT	AIR PUMP, CATAL	ST, FUEL INLET, C	ANISTER & PCV
1554	**	(NON-	I/M AREAS ONLY)		
1555	**	•	, ,		
1556	0.30	0.30 0.30 0.30			EVAP/PCV
1557	0.05	.00 .00 .00	.00.00.00	. 00 . 00 . 00 .	00 AIR/CAT (PREVIOUS)
1558	. 00	0.20 .00 0.15	.00 .00 .00	. 00 . 00 . 00 .	00 AIR/NCK
1559	. 00	.00 0.20 .00	0.15 .00 .00	. 00. 00. 00.	00 AIR/TNK
1560	.00	.00 .00 0.05	.00.00.00	. 00. 00. 00.	00 AIR/CAT/NCK
1561	.00	.00 .00 .00	0.05 .00 .00	. 00 . 00 . 00 .	00 AIR/CAT/TNK
1562	. 00	.00 .00 .00	.00 0.05 .00	. 00. 00. 00.	00 CAT/NCK
1563	. 00	.00 .00 .00	.00 .00 0.05	. 00 . 00 . 00 .	00 CAT/TNK
1564	0.15	.00 .00 .00	.00.00.00	0.20 .00 .00 .0	00 AIR
1565	. 00	.00 .00 .00	.00 .00 .00	.00 0.05 .00 .	00 CAT
1566	.00	0.63 .00 0.47	.00 0.62 .00	.00 .00 0.83 .	300 NCK
1567	. 00	00 0 80 .00	0.80 .00 0.95	.00 .00 .00 1.	00 TNK
1568	1.00	00 00 00	.00 .00 .00	. 00 . 00 . 00 .	00 EGR/CAT (PREVIOUS)
1569	.00	1.00 .00 .00	.00 .00 .00	. 00 . 00 . 00 .	00 EGR/NCK
1570	.00	00 1 00 00	.00 .00 .00	. 00 . 00 . 00 .	00 EGR/TNK
1571	.00	00 00 1 00	00 00 00	00 00 00	00 EGR/CAT/NCK
1572	. 00	00 .00 1.00 00 00 00	1 00 00 00	00 00 00	0 FGR/CAT/TNK
1573	.00	.00 .00 .00 00 00 00	00 1 00 .00	00 00 00	00 CAT/NCK
1574		<u>00</u> 00 00	99 99 1 99	00 00 00	00 CAT/TNK
1575	.00	00 00 00	.00 .00 1.00 AA AA AA	1 00 00 00	00 EGR
1576	.00	00 00 00	00 00 00 00 00 00	00 1 00 00 ·	00 CAT
1577	.00	.00 00 .00 AA AA AA	00 00 00	00 00 1 <b>00</b>	A NCK
1579	.00	.00 .00 .00	00 00 00	<b>0</b> 0 00 00 1	20 TNK
1570	0.00	00 00 00	00 .00 .00 00 00 00	<u>00 00 00 11</u>	AIR/CAT (PREVIOUS)
1590	0.05	A 2A AA A 15	00 00 00	00 00 <b>00</b>	ALR/NCK
1581	.00	0.20 00 0.15 00 0 00	A 15 AA AA	00 00 00	00 AIR/TNK
1501	.00	00 0.20 .00	0.15 .00 .00	00 00 00 .	
1502	.00	.00 .00 0.05	00 .00 .00 0 05 00 00	00 00 00 .	ATR/CAT/TNK
1565	.00	00.00.00	0.05 .00 .00	00 00 00 .	A CAT/NCK
1504	.00	00.00 00.00	.00 0.05 .00	.00 .00 .00 . 00 00 00	
1505	. 00	00.00.00.	.00 .00 .00	00 00 00 . 0 00 00 00	
1000	0.15	.00.00.00	.00 .00 .00	0.20 .00 .00 .	
1587	.00	.00 .00 .00	00 .00 .00	00 0.05 .00	20 NCK
1566	. 00	0.00 .00 0.00			
1589	.00	.00 0.00 .00	0.00 .00 0.35	.00 .00 .00 I.	A FOR CAT (SUBSFOLIENT)
1590	1.00	1 00 . 00 . 00 .	00.00.00.	00 00 00	A FOR /NCK
1591	. 00	1.00 .00 .00	.00.00.00	00 00 00 .	
1592	. 00	.00 1.00 .00	.00.00.00.		
1593	. 00	.00 .00 .00.			
1594	.00	.00 .00 .00	00.00.00		DO EGRICATION
1292	. 00	.00.00.00.		00 00 00	
1596	. 60	.00.00.00	00.100.00		AA ECP
1597	. 00		00.00.00		
1598	. 00	.00.00.00.	.00.00.00		
1288	. 00	.00.00.00	.00.00.00		
1600	. 00	.00.00.00	.00.00.00	.00.00.00.	

1662 *** ANNUAL : INSPECT CATALYST, FUEL INLET (AND PLUMBTESMO).   1664 ** CANISTER & PCV   1665 ** EVAP/PCV   1666 0.30 0.30 0.30 0.30 0.00 00 00 00 00 00 00 00 00 00 00 00	1601		
1603 ••• CANISTER & PCV   1604 ••• CANISTER & PCV   1605 ••• CANISTER & PCV   1606 ••• CANISTER & PCV   1607 0.05 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	1602		
1684 *** CANISTER & PCV   1685 *** CANISTER & PCV   1686 0.30 0.30 0.30 0.20   1687 0.05 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	1603	ANNUAL : INSPECT CATALYST, FUEL INLET (AND PLUMBTESMO),	
1605 ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• ••• •••	1604	CANISTER & PCV	
1666 0.30 0.30 0.00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	1605		
1607 0.05 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.00 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09 0.09	16 <b>06</b>	9.30 0.30 0.30 0.30 EVAP/PCV	
1688 .00 0.23 .00 0.20 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <t< td=""><td>1607</td><td>0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00</td><td>V1005)</td></t<>	1607	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	V1005)
1669 .00 .02 .00 .02 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	16 <b>08</b>	.00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 AIR/NCK	
1610 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1609	.00 .00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 AIR/INK	
1611 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1610	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
1612 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1611	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
1613 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 <	1612	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00	
1614 0.95 0.75 0.75 0.75 0.07 0.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1613	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
1615 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 <	1614	9.95 0.75 0.75 0.75 0.75 .00 .00 1.00 .00 .00 .00 AIR	
1616 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1615	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
1617 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1616	.00 .00 .00 .00 .00 0.20 .00 .00 .00 0.25 .00 NCK	
1618 1.00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	1617	.00 .00 .00 .00 .00 .00 0.20 .00 .00 .00	
1619 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>1618</td><td>1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00</td><td><b>√100</b>5)</td></td<>	1618	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	<b>√100</b> 5)
1620 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	161 <b>9</b>	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1621 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1620	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1622 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1621	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1623 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1622	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	_
1624 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1623	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	•
1625 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1624	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
1626 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1625	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
1627 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1626	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
1628 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1627	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1629 0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>1628</td><td>.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK</td><td></td></td<>	1628	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	
1630 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1629	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	SEQUENT)
1631 .00 .00 .10 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1630	.00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/NCK	
1632 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1631	.00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 AIR/TNK	
1633 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1632	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
1634 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1633	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
1635 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1634	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00	
1636 0.95 0.85 0.85 0.85 0.85 0.85 0.85 0.00 1.00 .00 .00 .00 AIR   1637 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1635	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
1637 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1636	9.95 0.85 0.85 0.85 0.85 .00 .00 1.00 .00 .00 .00 AIR	
1638 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1637	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1639 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1638	.00 .00 .00 .00 .00 0.10 .00 .00 .00 0.15 .00 NCK	
1640 1.00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	1639	00 00 00 00 00 00 00 0.10 00 00 00 0.15 TNK	
1641 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>1640</td><td>1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00</td><td>SEQUENT)</td></td<>	1640	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	SEQUENT)
1642 .00 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>1641</td><td>.00 1 00 .00 .00 .00 .00 .00 .00 .00 .00</td><td></td></td<>	1641	.00 1 00 .00 .00 .00 .00 .00 .00 .00 .00	
1643 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1642	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1644 .00 .00 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>1643</td><td>00 00 1.00 .00 00 .00 .00 .00 .00 EGR/CAT/NCK</td><td></td></td<>	1643	00 00 1.00 .00 00 .00 .00 .00 .00 EGR/CAT/NCK	
1645 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1644	00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1646 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1645	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
1647 1647 166 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 CAT   1649 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1646	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
1648 .00 .00 .00 .00 .00 .00 .00 1.00 .00 CAT 1649 .00 .00 .00 .00 .00 .00 .00 1.00 .00 NCK 1650 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	1647		
1649	1648	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	
1650 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	1649	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
	1650	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

1651	4
1652	
1653	** ANNUAL : INSPECT AIR PUMP, CATALYST, FUEL INLEI (AND PLUMBIESMO),
1654	•• CANISTER & PCV
1655	**
1656	0.30 0.30 0.30 0.30 EVAP/PCV
1657	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1658	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 .00 AIR/NCK
165 <b>9</b>	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/INK
1660	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
1661	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1662	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1663	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1664	0.15 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR
1665	.00 .00 .00 .00 .00 .00 .00 .00 .05 .00 .00
166 <b>6</b>	.00 0.05 .00 0.05 .00 0.20 .00 .00 .00 0.25 .00 NCK
1667	.00 .00 0.05 .00 0.05 .00 0.20 .00 .00 .00 0.25 INK
1668	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1669	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
16 <b>70</b>	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1671	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1672	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1673	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
167 <b>4</b>	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
1675	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
1676	.00.00.00.00.00.00.00.00.00.00.00.00.00
1677	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
1678	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
1679	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
168 <b>0</b>	.00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/NCK
1681	.00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 AIR/INK
1682	00 00 00 0.05 00 00 00 00 00 00 AIR/CAI/NCK
1683	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1684	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
1685	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
1686	0.15 0.05 0.05 0.05 0.05 .00 .00 0.20 .00 .00 AIR
1687	.00 .00 .00 .00 .00 .00 .00 0.05 .00 .00
1688	.00 .00 .00 00 00 0.10 .00 .00 00 0.15 .00 NCK
1689	.00 00 00 00 00 00 00 00 00 00 00 00 00
1690	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1691	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
1692	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1693	.00 .00 1.00 .00 .00 .00 .00 .00 .00 EGR/CAT/NCK
1694	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1695	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1696	
1697	.00 .00 .00 .00 .00 .00 1.00 .00 .00 EGR
1698	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1699	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00
1700	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00

1701	4	
1702	**	
1703	** ANNUAL : INSPECT CATALYST, FUEL INLET, CANISTER & PCV	
1704	** (I/M AREAS ONLY)	
1705	**	
170 <b>6</b>	0.30 0.30 0.30 0.30 EVAP/I	°CV
1707	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	AT (PREVIOUS)
1708	.00 0.67 .00 0.36 .00 .00 .00 .00 .00 .00 .00 AIR/N	СК
1709		NK
1710	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	AT/NCK
1711		AT/TNK
1712	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	SK
1713		1K
1714	0.95 0.33 .00 0.59 .00 .00 .00 1.00 .00 .00 .00 AIR	
1715	.00 .00 .00 .00 .00 .00 .00 0.05 .00 .00	
1716	.00 .00 .00 .00 .00 0.36 .00 .00 .00 0.67 .00 NCK	
1717	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1718		AT (PREVIOUS)
1719	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1720		
1/21		
1722		
1723		
1725		
1725		
1720		
1729		
1720		AT (SUBSEQUENT)
1730	00 0 00 00 00 00 00 00 00 00 00 00 00 0	CK
1731	00 00 1 00 00 95 00 00 00 00 00 00 AIR/TI	NK
1732	00 00 00 0.5 00 00 00 00 00 00 00 AIR/C	AT/NCK
1733	00 00 00 00 05 00 00 00 00 00 00 AIR/C	AT/TNK
1734	00 00 00 00 00 00 00 00 00 00 00 CAT/N	SK <sup>°</sup>
1735	00 00 00 00 00 00 00 05 00 00 00 CAT/TI	NK .
1736	0.95 0.70 .00 0.70 .00 .00 00 1.00 .00 .00 AIR	
1737	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0	
1738	.00 .00 .00 .00 0.25 .00 .00 .00 0.30 .00 NCK	
1739	00 00 .00 .00 .00 .00 95 .00 .00 1.00 TNK	
1740	1.00.00.00.00.00.00.00.00.00.00.00.00 EGR/C	AT (SUBSEQUENT)
1741		CK
1742		NK
1743		AT/NCK
1744	00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	ATZINK OV
1745	00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
1746	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	NK .
1747	₩00₩~.00.00.00.00.00.00.00.00.00.00.00.00.00	•
1748	CAL 00. 00. 00. 00. 00. 00. 00. 00. 00 00. 00 CAL	
1749	.00.00.00.00.00.00.00.00.00.00.00.00.00	
1750	ANT 00.100 00. 00. 00. 00. 00. 00 00. 00.	

17 <b>51</b>		
1752	•	
1753	* ANNUAL : INSPECT AIR PUMP, CATALYST, FUEL INLET, CANISTER & PCV	
17 <b>54</b>	* (I/M AREAS ONLY)	
1755	*	
1756	0.30 0.30 0.30 0.30 EVAP/PCV	
1757	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	EVIOUS)
1758	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/NCK	
1759	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 AIR/INK	
1760	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
1761	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
1762	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00	
1763	.00 .00 .00 .00 .00 .00 .05 .00 .00 .00	
1764	8.15 .00 .00 .00 .00 .00 .00 0.20 .00 .00 .0	
1765	.00 .00 .00 .00 .00 .00 .00 0.05 .00 .00	
1766	.00 0.47 .00 0.21 .00 0.36 .00 .00 .00 0.67 .00 NCK	
1767	.00 .00 0.80 .00 0.80 .00 0.95 .00 .00 .00 1.00 INK	
1768	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	EVIOUS
1769	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1770	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1771	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1772	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	-
1773	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
177 <del>4</del>	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
1775	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
1776	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
1777	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
1778	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1779	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	BSEQUENT)
1780	.00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
1781	.00 .00 0.20 .00 0.15 .00 .00 .00 .00 .00 .00 AIR/INK	
1782	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
1783	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
1784	.00 .00 00 .00 .00 0.05 .00 .00 .00 .00	
1785	.00 .00 .00 .00 .00 .00 .05 .00 .00 .00	
1786	0.15 .00 .00 .00 .00 .00 .00 0.20 .00 .00 ALR	
1787	. 00 00 00 .00 .00 .00 00 .00 0.05 .00 .00	
1788 🍃	.00 0.10 .00 0.10 .00 0.25 .00 .00 .00 0.30 .00 NCK	
1789	.00 .00 0.80 .00 0.80 .00 0.95 .00 .00 .00 1.00 INK	
179 <b>0</b>	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	BSEQUENT)
1791	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1792	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1793	00 00 00 1 00 00 00 00 00 00 00 00 EGR/CAT/NCK	
1794	00 00 00 00 1 00 00 00 00 00 00 00 EGR/CAT/INK	
1795	.00 .00 .00 .00 .00 1.00 00 .00 .00 .00	
1796	.00 .00 00 .00 .00 00 1.00 .00 .00 .00 CAT/INK	•
1797		-
1798	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
1799	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
1800	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

1802	**	
1803	**	
1804	** BIENNIAL : INSPECT AIR PUMP ONLY	
1805	**	
1806	1.00 1.00 1.00 1.00 EVAP/PCV	
1807	0.30 .00 .00 .00 .00 .00 .00 .00 .00 .00	0
1808	.00 0.30 .00 .00 .00 .00 .00 .00 .00 .00	
1809	.00 .00 0.30 .00 .00 .00 .00 .00 .00 .00	
1810	.00 .00 .00 0.30 .00 .00 .00 .00 .00 .00	
1811	.00 .00 .00 .00 0.30 .00 .00 .00 .00 .00	
1812	.00 .00 .00 0.70 .00 1.00 .00 .00 .00 .00 .00 CAT/NCK	
1813	.00 .00 .00 .00 0.70 .00 1.00 .00 .00 .00 .00 CAT/TNK	
1814	.00 .00 .00 .00 .00 .00 .00 0.30 .00 .00	
1815	0.70 .00 .00 .00 .00 .00 .00 1.00 .00 CAT	
1816	.00 0.70 .00 .00 .00 .00 .00 .00 1.00 .00 NCK	
1817	.00 .00 0.70 .00 .00 .00 .00 .00 .00 1.00 TNK	
1818	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	() 
1819	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
1820	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1821	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1822	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
1823	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
1824	.00 .00 .00 .00 .00 .00 <b>.00 .00 .00 .00</b>	
1825	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
1826	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1827	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1828	.00 .00 .00 .00 .00 .00 .00 .00 .00 TNK	
1829	0.30 .00 .00 .00 .00 .00 .00 .00 .00 .00	NT)
1830	.00 0.30 .00 .00 .00 .00 .00 .00 .00 .00	
1831	.00 .00 0.30 .00 .00 .00 .00 .00 .00 .00	
1832	.00 .00 .00 0.30 .00 .00 .00 .00 .00 .00	
1833	.00 .00 .00 .00 0.30 .00 .00 .00 .00 .00	
1834	00 .00 .00 0.70 .00 1.00 .00 .00 .00 .00 .00 CAT/NCK	
1835	.00 .00 .00 .00 0.70 .00 1.00 .00 .00 .00 .00 CAT/TNK	
1836	00 .00 .00 .00 .00 .00 0.30 .00 .00 AIR	
1837	0.70 .00 .00 .00 .00 .00 .00 1.00 .00 .00 CAT	
1838	.00 0.70 .00 .00 .00 .00 .00 .00 1.00 .00 NCK	
1839	00 .00 0.70 .00 .00 .00 .00 .00 .00 1.00 TNK	
1840	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	INT)
1841	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK	
1842	00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
1843	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
1844	00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
1845	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1846	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
1847	<b></b> 0000 00 00 00 1 00 00 00 00 EGR	
1848	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
1849	.00 .00 .00 .00 00 .00 .00 .00 .00 .00	
1850	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

1851	
1852	•
1853	•
1854	BIENNIAL : INSPECT CATALYST ONLY
1855	
1856	1.00 1.00 1.00 EVAP/PCV
1857	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1858	.00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/NCK
1859	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK
1860	.00.00.00.05.00.00.00.00.00.00.00.00.00.
1861	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1862	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
1863	.00 .00 .00 .00 .00 .00 .05 .00 .00 .00
1864	0.95 .00 .00 .00 .00 .00 1.00 .00 .00 .00 AIR
1865	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
1866	.00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 .00 NCK
1867	.00 .00 .00 .00 .00 .00 .95 .00 .00 .00 1.00 TNK
1868	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1869	.00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/NCK
1870	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1871	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1872	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1873	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1874	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1875	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
1876	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
1877	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1878	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
1879	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1880	.00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/NCK
1881	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK
1882	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
1883	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1884	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00
1885	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
1886	0.95 .00 .00 .00 .00 .00 1.00 .00 .00 .00 AIR
1887	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1888	.00 .00 .00 00 .00 0.95 .00 .00 .00 1.00 .00 NCK
1889	.00 .00 .00 00 .00 .00 0.95 .00 .00 .00 1.00 TNK
1890	1.00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUENT)
1891	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
1892	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1893	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1894	00 00 00 1.00 00 00 00 00 00 00 00 EGR/CAT/INK
1895	00 00 00 00 100 00 00 00 00 00 00 CAT/NCK
1896	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
1897	<b>•••••••••••••••••••••••••••••••••••••</b>
1898	.00.00.00.00.00.00.00.00.00.00.00.00.00
1899	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00
1900	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK

1902	**
1903	••
1904	** BIENNIAL : INSPECT AIR PUMP & CATALYST ONLY
1905	**
1906	1.00 1.00 1.00 1.00 EVAP/PCV
1907	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1908	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 .00 AIR/NCK
1909	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/TNK
1910	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
1911	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1912	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
1913	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
1914	0.25 .00 .00 .00 .00 .00 .00 0.30 .00 .00 .0
1915	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
1916	.00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 .00 NCK
1917	.00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 TNK
1918	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1919	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
1920	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1921	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1922	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1923	00 00 00 00 00 1.00 00 00 00 00 CAT/NCK
1924	00 00 00 00 00 100 00 00 00 00 00 00 00
1925	00 00 00 00 00 00 00 1.00 00 00 EGR
1926	00 00 00 00 00 00 00 00 00 00 00 00 00
1927	00 00 00 00 00 00 00 00 00 00 NCK
1928	00 00 00 00 00 00 00 00 00 00 00 TNK
1929	0 05 00 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOUS)
1930	00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/NCK
1931	00 00 0 30 00 0.25 .00 .00 .00 .00 .00 .00 AIR/TNK
1932	00 00 00 05 00 00 00 00 00 00 00 AIR/CAT/NCK
1933	00 00 00 00 0.05 00 .00 .00 .00 .00 AIR/CAT/TNK
1934	00 00 00 00 00 00 00 00 00 00 00 CAT/NCK
1935	00 00 00 00 00 00 0.05 00 00 00 CAT/TNK
1935	0 25 00 00 00 00 00 00 00 00 00 00 AIR
1937	00 00 00 00 00 00 00 00 00 00 00 CAT
1937	- 00 A 70 A0 A 70 A0 A 95 A0 .00 .00 1.00 .00 NCK
1930	00 00 0 70 00 0 70 00 0 95 00 00 00 1.00 TNK
1939	1 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUENT
1940	201 00 00 00 00 00 00 00 00 EGR/NCK
1941	20 1 20 20 20 20 00 00 00 00 00 00 EGR/TNK
1942	00 00 100 00 00 00 00 00 00 EGR/CAT/NCK
1944	00 00 00 1 00 00 00 00 00 00 00 EGR/CAT/TNK
1944	20 20 20 20 20 1 00 00 00 00 00 00 CAT/NCK
1945	00 00 00 00 00 100 00 00 00 00 CAT/TNK
1947	
1049	AA AA AA AA AA AA AA AA AA AA AA AA AA
1040	AA AA AA AA AA AA AA AA AA AA AA AA AA
1949	AA AA AA AA AA AA AA AA AA AA AA AA AA
1900	

1901

1952 *** BIENNIAL : INSPECT CATALYST & FUEL INLET ONLY   1954 *** (NON-I/M AREAS ONLY)   1955 *** (NON-I/M AREAS ONLY)   1956 1.00 1.00 1.00 1.00   1957 0.05 00 00 00 00 00 AREAS ONLY)   1958 .00 0.83 00 0.62 00 .00 00 00 ARE/CAT (PREVIOUS)   1958 .00 0.00 1.00 00 0.00 00 00 ARE/CAT (MCK   1959 .00 .00 .00 00 .00 00 00 ARE/CAT/MCK   1961 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1951	
1953 ••• INSPECT CATALYSI & FUEL INLET ONLY   1954 ••• (NON-T/M ARES ONLY)   1955 ••• EVAP/PCV   1955 ••• EVAP/PCV   1957 0.05 1.00 1.00 1.00 1.00 0.00 0.00 0.00	1952	
1955 ••• (NON-1/M AREAS ONLY)   1955 ••• EVAP/PCV   1956 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00   1957 0.05 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.01 0.00 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 <th0< td=""><td>1953</td><td>BIENNIAL : INSPECT CATALYST &amp; FUEL INLET ONLY</td></th0<>	1953	BIENNIAL : INSPECT CATALYST & FUEL INLET ONLY
1955 ••• EVAP/PCV   1957 0.05 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	1954	(NON-I/M AREAS ONLY)
1956 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	1955	
1957 0.85 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>1956</td><td>.00 1.00 1.00 1.00 EVAP/PCV</td></td<>	1956	.00 1.00 1.00 1.00 EVAP/PCV
1958 .00 0.83 .00 0.62 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <t< td=""><td>1957</td><td>0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00</td></t<>	1957	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1959 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1958	.00 0.83 .00 0.62 .00 .00 .00 .00 .00 .00 .00 AIR/NCK
1966 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1959	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/TNK
1961 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1960	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
1962 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1961	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1953 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1962	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
1964 0.95 0.17 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00	1963	.00 .00 .00 .00 .00 0.05 .00 .00 .00 CAT/TNK
1965 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1964	9.95 0.17 .00 0.33 .00 .00 .00 1.00 .00 .00 .00 AIR
1966 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1965	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
1967 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1966	.00 .00 .00 .00 .00 0.62 .00 .00 .00 0.83 .00 NCK
1968 1.00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	1967	.00 .00 .00 .00 .00 0.95 .00 .00 .00 1.00 TNK
1969 00 100 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	1968	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1970 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1969	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
1971 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1970	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1972 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1971	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
1973 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 <	1972	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1974 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1973	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
1975 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1974	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
1976 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1975	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1977 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1976	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
1978 .00 .00 .00 .00 .00 .00 1.00 TNK   1979 0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <	1977	.00.00.00.00.00.00.00.00.00.00.00.00.00
1979 0.05 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	1978	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
1980 .00 0.70 .00 0.655 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <	1979	.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
1981 .00 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>1980</td><td>.00 0.70 .00 0.55 .00 .00 .00 .00 .00 .00 AIR/NCK</td></td<>	1980	.00 0.70 .00 0.55 .00 .00 .00 .00 .00 .00 AIR/NCK
1982 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1981	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK
1983 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1982	.00 .00 .00 .05 .00 .00 .00 .00 .00 .00
1984 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1983	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
1985 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1984	00 00 00 00 00 0.05 .00 .00 .00 .00 CAT/NCK
1986 0.95 0.30 .00 0.00 .00 1.00 .00 .00 AIR   1987 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1985	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1987 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1986	95 0.30 .00 0.30 .00 .00 1.00 .00 .00 .00 AIR
1988 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1987	00 00 00 00 00 00 00 00 00 00 00 CAT
1989 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1988	.00 .00 .00 .00 0.65 .00 .00 .00 0.70 .00 NCK
1990 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>1989</td><td>.00 .00 .00 .00 .00 0.95 .00 .00 1.00 TNK</td></td<>	1989	.00 .00 .00 .00 .00 0.95 .00 .00 1.00 TNK
1991 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	1990	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
1992 .00 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 <td< td=""><td>1991</td><td>.00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/NCK</td></td<>	1991	.00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/NCK
1993 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1992	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
1994 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1993	.00 .00 1.00 .00 .00 .00 .00 .00 .00 EGR/CAT/NCK
1995 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1994	.00 .00 .00 1.00 .00 .00 .00 .00 .00 EGR/CAT/TNK
1996 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1995	00 00 00 00 1 00 00 00 00 00 CAT/NCK
1997 00 00 00 00 00 100 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00	1996	00 00 00 00 00 00 1 00 00 00 00 00 CAT/TNK
1998 .00 .00 .00 .00 .00 .00 .00 .00 .00 CAT 1999 .00 .00 .00 .00 .00 .00 .00 .00 NCK 2000 .00 .00 .00 .00 .00 .00 .00 NK	1997	
1999 .00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	1998	TAD 00. 00. 00. 00. 00. 00. 00. 00. 00. 00
2000 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	1999	.00 .00 .00 .00 .00 .00 .00 1.00 .00 NCK
	2000	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00

2001	
2002	
2003	BIENNIAL : INSPECT AIR PUMP, CATALYST & FUEL INLET ONLY
2004	(NON-I/M AREAS ONLY)
2005	
2006	.00 1.00 1.00 1.00 EVAP/PCV
2007	.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
2008	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/NCK
2009	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/TNK
2010	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
2011	00 .00 .00 0.05 .00 .00 .00 .00 .00 AIR/CAT/TNK
2012	00 00 00 00 00 0.05 00 .00 .00 .00 CAT/NCK
2013	00 00 00 00 00 00 00 0.05 .00 .00 .00 .0
2014	25 00 00 00 00 00 00 0.30 00 00 00 AIR
2015	00 00 00 00 00 00 00 00 0.05 00 CAT
2010	00 0 53 00 0 53 00 0 62 00 00 00 0.83 00 NCK
2010	00 00 0 70 00 0 70 00 0 95 00 00 00 1 00 TNK
2017	20 00 00 00 00 00 00 00 00 00 FGR/CAT (PREVIOUS)
2010	
2015	20 00 100 100 00 00 00 00 00 00 00 FEB (TNK
2020	00 00 100 100 00 00 00 00 00 00 FGR/CAT/NCK
2021	
2022	
2023	
2024	
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2027	
2028	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2029	
2030	
2031	
2032	
2033	.00 .00 .00 .00 .05 .00 .00 .00 .00 .00
2034	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00
2035	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
2036	.25 .00 .00 .00 .00 .00 00 0.30 .00 .00 AIR
2037	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2038	.00 0.40 00 0.40 .00 0.65 00 .00 .00 0.70 .00 NLK
2039	.00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 INK
2040	.00 00 .00 .00 .00 00 .00 00 .00 .00 EGR/CAI (SUBSEQUENT)
2041	.00 1.00 .00 .00 .00 00 .00 .00 .00 .00
2042	.00 .00 1.00 .00 .00 00 00 .00 .00 .00 EGR/INK
2043	00 00 00 1.00 00 00 00 00 00 00 00 EGR/CAI/NCK
2044	.00 .00 .00 1.00 .00 00 00 .00 .00 EGR/CAT/TNK
2045	.00 .00 .00 .00 1.00 00 00 .00 .00 CAT/NCK
2046	.00 .00 .00 .00 .00 00 1.00 .00 .00 .00
2047	.00 00 00 00 00 00 1.00 00 00 EGR
2048	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2049	.00 .00 00 00 00 00 00 .00 1.00 .00 NCK
2 <b>0</b> 50	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK

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2052		
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2054	** BIENNIAL : INSPECT CATALYST & FUEL INLET (AND PLUMBTESMO)	
2055	**	
2056	1,00,1,00,1,00,1,00 EVAP/PCV	
2057	0.05 00 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOUS)	)
2058	00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 AIR/NCK	
2059	00 00 0.25 00 0.20 00 .00 .00 .00 .00 AIR/TNK	
2060	00 00 00 0.05 00 00 00 00 00 00 AIR/CAT/NCK	
2061	00 00 00 00 00 00 00 00 00 00 00 00 00	
2062	00 00 00 00 00 00 05 00 00 00 00 CAT/NCK	
2063	00 00 00 00 00 00 0.05 .00 .00 .00 CAT/TNK	
2064	0 95 0 75 0 75 0 75 0 75 00 00 1 00 00 00 00 AIR	
2065	00 00 00 00 00 00 00 00 00 00 05 00 00 CAT	
2066	00 00 00 00 00 0 0 0 00 00 00 0 0 0 0	
2000		
2068	1 00 00 00 00 00 00 00 00 00 00 00 FGR/CAT (PREVIOUS)	1
2000	00 1 00 00 00 00 00 00 00 00 00 00 FGR/NCK	
2003		
2070	00 00 100 100 00 00 00 00 00 00 00 FGR/CAT/NCK	
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2092		
2093	100 00 100 00 00 00 00 00 00 00 00 00 EGR/CAT/NOR	
2094		
2095		
2096		
2097		
2098		
2099		
2100	.00 .00 .00 .00 .00 .00 .00 .00 1.00 INK	

2101		
2102		
2103		
2104	BIENNIAL : INSPECT AIR PUMP, CATALYST & FUEL INLET (AND PLUMBIESMO)	
2105		
21 <b>06</b>	.00 1.00 1.00 EVAP/PCV	
2107	.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	)
2108	.00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
21 <b>09</b>	.00 .00 0.25 .00 0.20 .00 .00 .00 .00 .00 AIR/TNK	
2110	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
2111	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
2112	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00	
2113	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
2114	.25 0.05 0.05 0.05 0.05 .00 .00 0.30 .00 .00 .00 AIR	
2115	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
2116	.00 .00 .00 .00 .00 0.20 .00 .00 .00 0.25 .00 NCK	
2117	.00 .00 .00 .00 .00 0.20 .00 .00 .00 0.25 TNK	
2118	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	)
2119	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
2120	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
2121	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
2122	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
2123	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2124	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
2125	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
2126	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
2127	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK	
2128	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	
2129	.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	1T)
2130	.00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/NCK	
2131	.00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 AIR/TNK	
2132	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
2133	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2134	.00 00 00 00 00 00 00 00 00 00 00 CAT/NCK	
2135	.00 .00 .00 .00 00 00 0.05 .00 .00 .00 .	
2136	.25 0 15 0.15 0.15 0 15 00 .00 0.30 .00 .00 .00 AIR	
2137	.00 .00 .00 .00 00 .00 .00 .00 .00 .00	
2138	.00 .00 .00 .00 0.00 .00 .00 00 00 0.15 .00 NCK	
2139	.00 .00 00 .00 00 .00 0.10 00 00 .00 0.15 TNK	\
2140	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	11)
2141	.00 1.00 00 .00 .00 .00 .00 .00 .00 .00	
2142	.00 .00 1.00 .00 .00 .00 .00 00 00 00 EGR/TNK	
2143	.00 .00 00 1.00 .00 .00 .00 00 .00 .00 EGR/CAT/NCK	
2144	.00 00 .00 .00 1.00 .00 .00 .00 .00 .00	
2145	.00 .00 .00 .00 1.00 .00 00 .00 00 CAT/NCK	
2146	.00 .00 .00 .00 .00 1.00 .00 00 .00 .00	
2147		
2148	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2149	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
2150	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	

2151 2152 2153 2154	4 ** ** BIENNIAL : INSPECT CATALYST & FUEL INLET ONLY ** (I/M AREAS ONLY)	
2155		
2156	1.00 1.00 1.00 1.00 EV	AP/PCV R/CAT (PREVIOUE)
2157	11A 00. 00. 00. 00. 00. 00. 00. 00. 00. 00	R/CAT (PREVIOUS)
2158	11A 99. 99. 99. 99. 99. 99. 99. 99. 90. 97. 99. 99. 99.	
2109	A 00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
2100	1A 99. 99. 99. 99. 99. 99. 99. 99. 99. 99	
2101	1A 00, 00, 00, 00, 00, 00, 00, 00, 00, 00	
2102	AC 66, 66, 66, 66, 66, 66, 66, 66, 66, 66	T/TNK
2103	00 00 00 00 00 00 00 00 00 00 00 00 00	R
2165	AA AA AA AA AA AA AA AA AA AA AA AA AA	T
2166	00 00 00 00 00 00 00 00 00 00 00 00 00	ĸ
2167	AA AA AA AA AA AA AA AA AA AA AA AA AA	ĸ
2168	1 00 00 00 00 00 00 00 00 00 00 00 00 00	R/CAT (PREVIOUS)
2169	00 1 00 00 .00 .00 .00 .00 .00 .00 .00 .	R/NCK
2170	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	R/TNK
2171	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	R/CAT/NCK
2172	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	R/CAT/TNK
2173	AO 00. 00. 00. 00. 00. 00. 1 00. 00. 00. 0	T/NCK
2174	AO 00. 00. 00. 00. 00. 00. 00. 00. 00. 00	T/TNK
2175	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	R
2176	A 00. 00. 00. 00. 00. 00. 00. 00. 00. 00	Т
2177	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	к
2178	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	K
2179	0,05.00.00.00.00.00.00.00.00.00.00.00.00.0	R/CAT (SUBSEQUENT)
2180	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 .00 .00 .00 AI	R/NCK
2181	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	R/TNK
2182	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	R/CAT/NCK
2183	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	R/CAT/INK
2184	.00 .00 .00 .00 .00 0.05 .00 00 .00 .00	TINCK
2185	.00 .00 .00 .00 .00 .00 .00 0.05 .00 .00	
2186	0,95 0.70 ,00 0.70 .00 .00 .00 1.00 .00 .00 .00 AL	к т
2187	A) 00. 00. C0.0 00. 00. 00. 00. 00. 00. 00	
2188	UN 00. 00.00,00,00.00.00,00,00,00,00,00,00,00,0	
2169		R/CAT (SUBSFOLIENT)
2190		R/NCK
2191	00 100 00 00 00 00 00 00 00 00 00 00 00	R/TNK
2192	AA AA AA 1 AA AA AA AA AA AA AA AA AA AA	R/CAT/NCK
2195	00 00 00 100 100 00 00 00 00 00 00 00 00	R/CAT/TNK
2195	AA AA AA AA AA AA 1 AA AA AA AA AA AA AA	T/NCK
2196	.00 .00 .00 .00 .00 00 1.00 .00 .00 .00	T/TNK
2197		R .
2198	.00 .00 .00 .00 .00 .00 .00 .00 1.00 00 CA	т
2199	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	к
2200	NT 00.1 00. 00. 00. 00. 00. 00. 00. 00. 00	к

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2201	4			
2202	**		DUMP ONTAL MOT & CUEL INLET ON	~
2203	++ BIENNIA	L : INSPECT AIR	PUMP, CATALIST & FUEL INLET UNI	- 1
2204	**	(I/M ARE	AS ONLY)	
2205	**			
2206	1.00 1.00	1.00 1.00		EVAP/PCV
2207	0.05 .00	.00 .00 .00	.00. 00 <b>.</b> 00. 00. 00. 00	AIR/CAT (PREVIOUS)
2208	.00 0.30	.00 0.25 .00	00. 00. 00. 00. 00. 00.	AIR/NCK
2209	.00 .00	0.30 .00 0.25	00. 00. 00. 00. 00. 00.	AIR/TNK
2210	.00 .00	.00 0.05 .00	.00.00.00.00.00.00.00	AIR/CAT/NCK
2211	00 00	00 00 0.05	00, 00, 00, 00, 00, 00	AIR/CAT/TNK
2211	00 00	00 00 00	0 05 00 00 00 00 00	CAT/NCK
2212	00 00	00 00 00	<u>00 0 05 00 00 00 00</u>	CAT/TNK
2213	A 25 AA	00 00 00	00 000 100 100 100 100 100	AIR
2214	0.25 .00			CAT
2215	.00.00	.00.001		NCK
2216	.00 0.37	.00 0.11 .00		
2217	.00.00	0.70 .00 0.70	.00.0.95 .00 .00 .00 .00	
2218	1.00 .00	.00 .00 .00	.00. 00. 00. 00. 00. 00.	EGR/CAT (PREVIOUS)
221 <b>9</b>	.00 1.00	.00.00.00	.00. 00. 00. 00. 00. 00.	EGR/NCK
2220	.00.00	1.00 .00 .00	.00. 00. 00. 00. 00. 00.	EGR/TNK
2221	.00 .00	.00 1.00 .00	.00 .00 .00 .00 .00 .00	EGR/CAT/NCK
2222	.00 .00	.00 .00 1.00	00. 00. 00. 00. 00. 00.	EGR/CAT/TNK
2223	.00.00	.00 .00 .00	1.00 .00 .00 .00 .00 .00	CAT/NCK
2224	.00.00	.00 .00 .00	.00 1.00 .00 .00 .00 .00	CAT/TNK
2225	.00 .00	.00 .00 .00	.00 .00 1.00 .00 .00 .00	EGR
2226	00 00	00 00 00	00 00 00 1 00 00 00	CAT
2220	00 00	00 00 00	00 00 00 00 1.00 00	NCK
2222	00 .00	00 00 00	00 00 00 00 00 100	TNK
2220	00 .00 0 05 00	00 00 00	00 00 00 00 00 00 00	AIR/CAT (PREVIOUS)
2223	0.00 .00	.00 .00 .00 .00 A 25 .00	00 00 00 00 00 00	AIR/NCK
2230	00 0.00	0 30 0.25 .00	00 00 00 00 00 00	ATR/TNK
2231	.00.00	0.00 .00 0.20		ATR/CAT/NCK
2232	.00.00	00. 00.00.00.		
2233	.00 .00	CO.0 00. 00.		
2234	.00.00	.00 00 00	00.00.00.00.00.00.00	
2235	.00.00	.00 .00 .00	00.00.00.00.00.00.00.00.	CATZINK
2236	0.25 .00	.00.00.00	.00 00 0.30 .00 .00 .00	AIR
2237	.00.00	.00 .00 .00	.00 .00 .00 0.05 .00 .00	CAT
2238	.00.00	.00 .00 .00	0.25 00 .00 .00 0.30 .00	NCK
2239	.00.00	0.70 00 0.70	00 0.95 .00 .00 .00 1.00	TNK
2240	1.00 .00	.00.00.00	00. 00. 00. 00. 00. 00	EGR/CAT (SUBSEQUENT)
2241	00 1.00	00 00 00	.00.00.00.00.00.00	EGR/NCK
2242	00 .00	1.00 .00 .00	00.00.00.00.00.00.00	EGR/TNK
2243	00 00	00 1.00 .00	00, 00, 00, 00, 00 00,	EGR/CAT/NCK
2244	99 99	00 00 1 00	00, 00, 00, 00, 00, 00	EGR/CAT/TNK
2244	00 00	00 00 00	1 99 99 99 99 99 99	CATINCK
2246	00 00	.00 .00 .00 00 00 00	AA 1 AA AA AA AA AA	CAT/TNK
2240	<u> </u>	- 00 00 00	00 00 100 00 00 00	EGR •
227/	00 00		AA AA AA 1 AA AA AA	CAT
2240	00.00		AA AA AA AA 1 AA AA	NCK
2249	.00.00	.00.00.00		TNK
2230	.00.00	.00.00.00		

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2251	4		
2252	**		
2253	**		
2254	<b>**</b> BIENNIAL : INSE	PECT AIR PUMP & CANISTER	
2255			
2256	0 43 1 00 0 43 1	00	EVAP/PCV
2257	0 30 00 00	00 00 00 00 00 00 00 00	AIR/CAT (PREVIOUS)
2258	0.00 .00 .00 .	00 00 00 00 00 00 00 00	ATR/NCK
2250	00 0.00 .00 .	<u>aa aa aa aa aa aa aa aa aa</u>	AIR/TNK
2259	. 00 .00 0.00 . 	30 00 00 00 00 00 00 00	ATR/CAT/NCK
2200		00 00 00 00 00 00 00 00 00 00	A TR /CAT /TNK
2201		70 00 1 00 00 00 00 00 00	CAT /NCK
2202	.00 .00 .00 0.		
2263	. 00 . 00 .		ALD
2264	. 00 . 00 . 00 .	00.00.00.00.00.00.00.00.00.00	
2265	0.70.00.00.	00.00.00.00.00.00.00.00.00	
2266	.00 0.70 .00 .	00.00.00.00.00.00.00.00.00	NCK
2267	.00 .00 0.70 .	00.00.00.00.00.00.00.00.00	
2268	1.00.00.00.	00.00.00.00.00.00.00.00	EGR/CAT (PREVIOUS)
22 <b>69</b>	.00 1.00 .00 .	00.00.00.00.00.00.00.00.00	EGR/NCK
2270	.00 .00 1.00 .	00 00 00 00 00 00 00 00	EGR/TNK
2271	.00 .00 .00 1.	00. 00. 00. 00. 00. 00. 00. 00	EGR/CAT/NCK
2272	. 00 . 00 . 00 .	00 1.00 .00 .00 .00 .00 .00 .00	EGR/CAT/TNK
2273	. 00. 00. 00.	00 .00 1.00 .00 .00 .00 .00 .00	CAT/NCK
2274	. 00. 00. 00.	00 .00 .00 1.00 .00 .00 .00 .00	CAT/TNK
2275	. 00 . 00 . 00 .	00.00.00.00.001.00.00.00.00	EGR
2276	. 00 . 00 . 00 .	00.00.00.100.00.00.00.00	CAT
2277	00 00 00	00 .00 .00 .00 .00 .00 1.00 .00	NCK
2278	00 00 00	00 00 00 00 00 00 00 00 1.00	TNK
2279	0 30 00 00	00 00 00 00 00 00 00 00	AIR/CAT (SUBSEQUENT)
2280	00 0 30 00	00 00 00 00 00 00 00 00	AIR/NCK
2281	00 00 0 30	00 00 00 00 00 00 00 00	AIR/TNK
2201	00 00 00 00 0	30 00 00 00 00 00 00 00	ATR/CAT/NCK
2202		00 00 00 00 00 00 00 00 00	ATR/CAT/TNK
2200		70 00 1 00 00 00 00 00 00	CAT /NCK
2207		00 0 70 00 1 00 00 00 00 00 00	CAT/TNK
2203	.00.00.00.	00 0,70 00 1.00 1.00 1.00 1.00 1.00 1.00	AIR
2280	.00.00.00.		CAT
2287	6.76 .00 .00 .	00 00 00 00 00 00 00 00 00 00 00	NCK
2288	. 00 . 07 . 00 .		TNK
2289	.00 .00 0.70		CODICAT (SUBSECUENT)
2290	1.00.00.00	00.00.00.00.00.00.00.00	EOR/CAT (SUBSEQUENT)
2291	.001.00.00.	99. 99. 99. 99. 99. 99. 99. 99. 99.	EGR/NUN
2292	.00 .00 1.00 .	00.00.00.00.00.00.00.00.00	EGR/TINK
2293	.00 .00 .00 1.	00.00.00.00.00.00.00.00.00	
2294	.00.00.00.	00 1.00 00 00 00 00 00 00	EGR/CAT/INK
2295	.00.00.00.	00 00, 00, 00, 00 00, 00 00, 00	CAT/NCK
2296	. 00 . 00 . 00 .	00 .00 00 1 00 00 .00 .00 .00	CAT/INK
2297	. 00 . 00 . 00	00 .00 00 .00 1.00 00 00 .00	EGR
2298	.00.00.00.	00 .00 .00 .00 .00 1.00 .00 .00	CAT
2299	.00.00.00.	00 .00 .00 00 .00 .00 1.00 .00	NCK
2300	.00.00.00	00 .00 .00 .00 .00 .00 .00 1.00	TNK

2301 4	
2302 **	
2303 *•	
2304 ** BIENNIAL : INSPECT CATALYST & CANISTER	
2305 **	
2306 0.43 1.00 0.43 1.00	EVAP/PCV
2307 0.05 .00 .00 .00 .00 .00 .00 .00 .00 .0	AIR/CAI (PREVIOUS)
2308 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 .00	AIR/NCK
2309 .00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00	AIR/TNK
2310 .00 .00 .00 0.05 .00 .00 .00 .00 .00 .	AIR/CAT/NCK
2311 .00 .00 .00 .00 0.05 .00 .00 .00 .00 .0	AIR/CAT/TNK
2312 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	CAT/NCK
2313 .00 .00 .00 .00 .00 .00 0.05 .00 .00 .0	CAT/TNK
2314 0.95 .00 .00 .00 .00 .00 1.00 .00 .00 .00	AIR
2315 .00 .00 .00 .00 .00 .00 .00 0.05 .00 .00	CAT
2316 .00 .00 .00 .00 0.95 .00 .00 1.00 .00	NCK
2317 .00 .00 .00 .00 .00 0.95 .00 .00 1.00	TNK
2318 1.00 00 .00 .00 .00 .00 .00 .00 .00 .00	EGR/CAT (PREVIOUS)
2319 .00 1.00 .00 .00 .00 .00 .00 .00 .00 .0	EGR/NCK
2320 .00 .00 1.00 .00 .00 .00 .00 .00 .00 .	EGR/TNK
2321 .00 .00 .00 1.00 .00 .00 .00 .00 .00 .	EGR/CAT/NCK
2322 .00 .00 .00 1.00 .00 .00 .00 .00 .00 .0	EGR/CAT/TNK
2323 .00 .00 .00 .00 1.00 .00 .00 .00 .00 .0	CAT/NCK
2324 .00 .00 .00 .00 .00 1.00 .00 .00 .00 .0	CAT/TNK
2325 .00 .00 .00 .00 .00 .00 1.00 .00 .00 .0	EGR
2326 .00 .00 .00 .00 .00 .00 .00 1.00 .00 .0	CAT
2327 .00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	NCK
2328 .00 .00 .00 .00 .00 .00 .00 .00 .00 1.00	TNK
2329 0.05 .00 .00 .00 .00 .00 .00 .00 .00 .0	AIR/CAT (SUBSEQUENT)
2330 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 .00 .00	AIR/NCK
2331 .00 .00 1.00 .00 .95 .00 .00 .00 .00 .00 .00	AIR/TNK
2332 .00 .00 .00 .05 .00 .00 .00 .00 .00 .00	AIR/CAT/NCK
2333 .00 .00 .00 .00 .00 .00 .00 .00 .00	AIR/CAT/TNK
2334 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	CAT/NCK
2335 .00 .00 .00 .00 .00 0.05 .00 .00 .00 .	CAT/TNK
2336 0.95 00 00 00 00 00 1.00 00 00 00	AIR
2337 .00 .00 .00 .00 .00 .00 .00 0.05 .00 .00	CAT
2338 .00 .00 .00 .00 0.95 .00 .00 1.00 .00	NCK
2339 .00 .00 .00 .00 .00 0.95 .00 .00 1.00	TNK
2340 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .	EGR/CAT (SUBSEQUENT)
2341 00 1.00 00 00 00 00 00 00 00 00 00	EGR/NCK
2342 00 00 1 00 00 00 00 00 00 00 00 00	EGR/TNK
2343 00 00 00 1.00 00 00 00 00 00 00 00	EGR/CAT/NCK
2344 00 00 00 00 1 00 00 00 00 00 00 00	EGR/CAT/TNK
2345	CAT/NCK
2346	CAT/TNK
2347	-
	EGR
2348 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	EGR CAT
2348   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00   .00 <td>EGR CAT NCK</td>	EGR CAT NCK

2351	4	
2352	**	
2353	**	
2354	** BIENNIAL : INSPECT AIR PUMP, CATALYST & CANISTER	
2355	**	
2356	0.43 1.00 0.43 1.00 EVAP/PCV	
2357	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2358	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
2359	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 AIR/TNK	
2360	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
2361	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2362	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
2363	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2364	0.25 .00 .00 .00 .00 .00 0.30 .00 .00 .00 AIR	
2365	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	
2366	.00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 .00 NCK	
2367	.00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 TNK	
2368	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2369	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
2370	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
2371	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
2372	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
2373	00 00 00 00 00 1.00 00 00 00 00 00 CAT/NCK	
2374	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
237 <b>5</b>	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
2376	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
2377	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2378	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	
2379	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	
238 <b>0</b>	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
2381	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 AIR/TNK	
2382	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	
2383	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
2384	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00	
2385	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
2386	0.25 .00 .00 .00 .00 .00 .00 0.30 .00 .00 .0	
2387	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2388	.00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 .00 NCK	
2389	.00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 TNK	- \
2390	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	1)
2391	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
2392	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
2393	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
2394	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
2395	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
239 <b>6</b>	00 00 00 00 00 00 100 00 00 00 00 CAT/INK	
2397	-000000 00 00 00 100 00 00 00 00 00 00	
2398	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2399	00 00 00 00 00 00 00 00 00 00 00 00 00	
2400	.00 00 00 00 00 00 00 00 00 00 00 00 00	

2401	
2402	
2403	BIENNIAL : INSPECT CATALYST, FUEL INLET & CANISTER
2404	(NON-I/M AREAS ONLY)
2405	
2406	.43 1.00 0.43 1.00 EVAP/PCV
2407	.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
2408	.00 0.83 .00 0.62 .00 .00 .00 .00 .00 .00 AIR/NCK
2409	.00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/TNK
2410	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
2411	00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
2412	00 00 00 00 00 00 00 00 00 00 00 CAT/NCK
2413	00 00 00 00 00 00 0.05 00 .00 .00 CAT/TNK
2414	95 0 17 .00 0 33 .00 .00 .00 1.00 .00 .00 .00 AIR
2415	00 00 00 00 00 00 00 00 00 0.05 00 CAT
2416	00 00 00 00 00 0.62 00 00 00 0.83 00 NCK
2417	00 00 00 00 00 00 0.95 00 00 00 1.00 TNK
2418	40 40 40 40 40 40 40 40 40 40 40 - 00 EGR/CAT (PREVIOUS)
2419	AQ 1 00 00 00 00 00 00 00 00 00 EGR/NCK
2413	00 00 1 00 00 00 00 00 00 00 00 EGR/TNK
2420	00 00 100 100 00 00 00 00 00 00 EGR/CAT/NCK
2427	20 00 00 100 00 00 00 00 00 00 EGR/CAT/TNK
2722	20 00 00 00 100 00 00 00 00 00 CAT/NCK
2423	20 00 00 00 00 100 100 00 00 00 00 CAT/TNK
2727	20 20 20 20 20 20 20 20 20 20 20 20 20 2
2420	a a a a a a a a a a a a a a a a a a a
2420	
2427	
2420	
2429	
2430	
2431	
2432	
2433	
2434	
2435	
2436	95 0.30 .00 0.30 .00 .00 1.00 .00 .00 .00 AIR
2437	00 00 00 00 00 00 00 00 05 00 00 CAT
2438	00 .00 .00 .00 .00 0.65 .00 .00 .00 0.70 .00 NCK
2439	00 00 00 00 00 00 00 00 00 00 1.00 INK
2440	00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUENT)
2441	00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
2442	00 .00 1.00 .00 .00 .00 .00 .00 .00 EGR/ INK
2443	00 00 00 1.00 00 00 00 00 00 00 00 EGR/CAT/NCK
2444	00 00 00 1.00 00 00 00 00 00 00 EGR/CAT/INK
2445	00 00 00 00 00 1 00 00 00 00 00 00 CAT/NCK
2446	00 .00 00 00 .00 .00 1.00 .00 00 .00 .00
2447	00-00 00 00 00 00 1.00 00 00 00 ECR
2448	00 00 00 00 00 00 00 00 1.00 00 CAT
2449	00 00 00 00 00 00 00 00 00 1.00 00 NCK
2450	00 .00 .00 .00 00 00 .00 .00 .00 1.00 TNK

0454	
2451	4
2452	**
2453	** BIENNIAL : INSPECT AIR PUMP, CATALIST, FUEL INLET & CANTSTER
2454	** (NON-1/M AREAS UNLT)
2455	
2456	
2457	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
2458	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/NCK
2459	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/INK
2460	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
2461	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
2462	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
2463	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
2464	0.25 .00 .00 .00 .00 .00 .00 0.30 .00 .00 .0
2465	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2466	.00 0.53 .00 0.53 .00 0.62 .00 .00 .00 0.83 .00 <u>N</u> CK
2467	.00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 TNK
2468	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2469	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
2470	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
2471	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
2472	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
2473	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2474	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2475	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
2476	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
2477	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2478	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
2479	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
2480	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/NCK
2481	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 AIR/TNK
2482	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
2483	.00 .00 .00 0.05 .00 .00 .00 .00 .00 AIR/CAT/TNK
2484	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00
2485	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2486	0.25 .00 .00 .00 .00 .00 0.30 .00 .00 .00 AIR
2487	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
2488	00 0.40 .00 0.40 .00 0.65 .00 .00 .00 0.70 .00 NCK
2489	.00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 TNK
2490	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2491	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
2492	00 00 1 00 00 00 00 00 00 00 00 00 EGR/TNK
2493	.00 .00 1.00 .00 .00 .00 .00 .00 .00 EGR/CAT/NCK
2494	.00 00 .00 1.00 00 .00 .00 00 00 EGR/CAT/TNK
2495	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
2496	00 00 00 00 00 100 00 00 00 CAT/TNK
2497	<b></b> 00
2498	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
2499	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0
2500	00 00 00 00 00 00 00 00 00 100 TNK
2000	

2501	
2507	
2502	RIFNNIAL · INSPECT CATALYST, FUEL INLET (AND PLUMBTESMO),
2504	& CANISTER
2504	
2506	43 1 00 0 43 1 00 EVAP/PCV
2500	95 99 90 90 90 90 90 90 90 90 90 00 AIR/CAT (PREVIOUS)
2507	AG A 25 AG A 29 A0 A0 A0 A0 A0 A0 A0 A0 A1R/NCK
2500	AA AA AA AA AA AA AA AA AA AA AA AA AA
2509	20 00 0125 100 100 100 100 100 00 00 AIR/CAT/NCK
2510	
2511	20 00 00 00 00 00 00 00 00 00 00 CAT/NCK
2512	
2513	
2514	-95 9.75 9.75 9.75 9.75 199 199 199 199 199 199 199 199 199 19
2515	
2516	
2517	00 00 00 00 00 00 00 00 00 00 00 00 00
2518	
2519	
2520	
2521	
2522	
2523	
2524	
2525	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
2526	
2527	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCA
2528	.00 .00 .00 .00 .00 .00 .00 .00 .00 INC
2529	.05 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAI (SUBSEQUENT)
2530	00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 ALR/NCK
2531	.00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 AIR/INK
2532	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
2533	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
2534	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00
2535	.00 .00 .00 .00 .00 .00 00 .00 .00 .00
2536	.95 0.85 0.85 0.85 0.85 .00 .00 1.00 .00 .00 .00 AIR
2537	.00 .00 .00 .00 .00 .00 .00 .00 0.05 .00 .00
2538	.00 .00 .00 .00 .00 0.10 .00 .00 .00 0.15 .00 NCK
2539	.00 .00 .00 .00 .00 0.00 0.10 .00 .00 .0
2540	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2541	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
2542	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
2543	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
2544	.00 .00 .00 1.00 .00 .00 .00 .00 .00 EGR/CAT/TNK
2545	.00 .00 .00 .00 1.00 .00 .00 .00 00 CAT/NCK
2546	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
2547	.00 . 00 .00 .00 .00 .00 .00 .00 .00 .0
2548	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2549	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
2550	.00 .00 00 .00 00 .00 .00 00 .00 1.00 TNK

0554	
2551	4
2552	** DECRIPTION INCORPORTATE DING CATALYST FUEL THEFT (AND DUMPTESHO)
2553	** BIENNIAL : INSPECT AIR POMP, CATALIST, FUEL INLET (AND PLUMBTESMO),
2554	** & CANISTER
2555	
2556	
2557	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
2558	.00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 .00 AIR/NCK
2559	.00 .00 0.25 .00 0.20 .00 .00 .00 .00 .00 AIR/INK
2560	.00. 00 .00 0.05 .00 .00 .00 .00 .00 .00
2561	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
2562	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
2563	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00
2564	0.25 0.05 0.05 0.05 0.05 .00 .00 0.30 .00 .00 .00 AIR
2565	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
2566	.00 .00 .00 .00 .00 0.20 .00 .00 .00 0.25 .00 NCK
2567	.00 .00 .00 .00 .00 0.20 .00 .00 .00 0.25 TNK
2568	1.00 .00 .00 .00 .00 .00 .00 .00 .00 EGR/CAT (PREVIOUS)
2569	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK
2570	00 00 1 00 00 00 00 00 00 00 00 EGR/TNK
2571	00 00 1 00 00 00 00 00 00 00 00 EGR/CAT/NCK
2572	00 00 00 10 100 00 00 00 00 00 EGR/CAT/TNK
2573	40 00 00 00 00 1 00 00 00 00 00 00 CAT/NCK
2574	00 00 00 00 00 1 00 00 00 00 CAT/TNK
2575	60 00 00 00 00 00 00 00 00 00 00 EGR
2576	AA AA AA AA AA AA AA AA AA AA AA AA AA
2570	
2579	
2570	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
23/9	
2000	
2301	
2002	
2583	
2584	
2585	
2586	0.25 0.15 0.15 0.15 0.15 0.00 00 00 00 00 00 00 00 00
2587	
2588	
2589	. 00 .00 .00 .00 .00 0.10 .00 .00 .00 0.15 INK
2590	
2591	. 00 1.00 .00 .00 .00 .00 .00 .00 .00 .0
2592	
2593	00 00 00 1.00 00 00 00 00 00 00 EGR/CAT/NCK
2594	.00 .00 .00 1.00 .00 .00 .00 .00 .00 EGR/CAT/INK
2595	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2596	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
2597	- 00 00 00 00 00 00 00 00 00 00 00 00 00
2598	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2599	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00
2600	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK

2601	4			
2602				
2603	** BIE	NNIAL : INSPECT C	TALYST, FUEL INLET & CANISTER	
2604	**	(I/M AF	REAS ONLY)	
2605	**			
2606	0.43	1.00 0.43 1.00	l l	EVAP/PCV
2607	0.05	. 00. 00. 00.	/ 00. 00. 00. 00. 00. 00. 00	AIR/CAT (PREVIOUS)
2608	. 00 .	0.67 .00 0.36 .0	A 00. 00. 00, 00. 00. 00. 00	AIR/NCK
2609	. 00	.00 1.00 .00 0.9	)5 .00 .00 .00 .00 .00 .00 /	AIR/TNK
2610	. 00	.00 .00 0.05 .0	00.00.00.00,00.00.00	AIR/CAT/NCK
2611	. 00	.00 .00 .00 .00 .00	05 .00 .00 .00 .00 .00 .00 /	AIR/CAT/TNK
2612	. 00	. 00 . 00 . 00 .	0 0.05 .00 .00 .00 .00 .00 .00 .00	CAT/NCK
2613	. 00	. 00. 00. 00.	00.00.00.00.00.00.00.00	CAT/TNK
2614	0.95	0.33 .00 0.59 .0	00.00.001.00.00.00	AIR
2615	. 00	. 00. 00. 00.	00.00.00.000.00.00.00	CAT
2616	. 00	. 00 . 00 . 00 .	000.36 .00 .00 .00 0.67 .00 1	1CK
2617	. 00	.00.00.00.	00 .00 0.95 .00 .00 .00 1.00	[NK
2618	1.00	. 00 . 00 . 00 .	00.00.00.00.00.00.00.00	EGR/CAT (PREVIOUS)
2619	. 00	1.00 .00 .00 .0	8 00. 00. 00. 00. 00. 00. 00	EGR/NCK
2620	. 00	.00 1.00 .00 .0	8 00. 00. 00. 00. 00. 00. 00	EGR/TNK
2621	. 00	.00 .00 1.00 .0	8 00. 00. 00. 00. 00. 00. 00	EGR/CAT/NCK
2622	. 00	.00 .00 .00 1.0	8 00. 00. 00. 00. 00. 00. 00	EGR/CAT/TNK
2623	. 00	. 00 . 00 . 00 .	0 1.00 .00 .00 .00 .00 .00 .00 (	CAT/NCK
2624	. 00	. 00 . 00 . 00 .	00.00.00.00.00.00.00.00	CAT/TNK
2625	. 00	. 00. 00. 00.	00.00.00.00.00.00.00.00	EGR
2626	0 <b>0</b>	. 00 . 00 . 00 .	00.00.00.001.00.00.00	CAT
2627	. 00	.00.00.00.00	1 00. 00.1 00. 00. 00. 00. 00	1CK
2628	. 00	. 00. 00. 00.	00.00.00.00.00.00.00	
2629	0.05	.00.00.00.00.	00.00.00.00.00.00	AIR/CAT (SUBSEQUENT)
2630	. 00	0.30 .00 0.25	00.00.00.00.00.00.00	AIR/NCK
2631	. 00	.00 1.00 .00 0.9	05.00.00.00.00.00.00	AIR/TNK
2632	. 00	.00 .00 0.05 .0	00.00.00.00.00.00.00	AIR/CAT/NCK
2633	. 0 <b>0</b>	.00 .00 .00 .00 .	00. 00. 00. 00. 00. 00. 00 00 00	AIR/CAT/TNK
2634	. 00	. 00 . 00 . 00 .	00.05.00.00.00.00.00	CAT/NCK
2635	. 00	. 00. 00. 00.	00.00.00.00.00.00.00.00	CAT/TNK
2636	0.95 (	0.70 .00 0.70 .0	00.00.001.00.00.00	AIR
2637	. 00	.00.00.00.00.	00 .00 .00 .00 0.05 .00 .00 (	CAT
2638	. 00	.00.00.00.00.	0 0.25 .00 .00 .00 0.30 .00	NCK
2639	. 0 <b>0</b>	.00.00.00.	0 .00 0.95 .00 .00 .00 1.00	
2640	1.00	.00.00.00.	00.00.00.00.00.00.00	EGR/CAT (SUBSEQUENT)
2641	. 0 <b>0</b>	1.00.00.00.0	00.00.00.00.00.00.00	
2642	. 0 <b>0</b>	.00 1.00 .00 .0	00.00.00.00.00.00.00	EGR/TNK
2643	. 00	.00 .00 1.00 .0	00.00.00.00.00.00.00	EGR/CAT/NCK
2644	. 00	.00 .00 .00 1.0	00.00.00.00.00.00.00	EGR/CAT/INK
2645	. 00	.00.00.00.00	00.00.00.00.00.00.00.00	
264 <b>6</b>	.00	.00 .00 .00 .00	00.001.00.00.00.00.00	
2647	.00	••••00 . 00 . 00 . (	00 .00 00 1.00 .00 .00 .00	
2 <b>64</b> 8	. 00	.00.00.00.	00.00.00.100.00	
2649	. 0 <b>0</b>	.00.00.00.	00 00 00 00 00 00 00 00 00	
26 <b>50</b>	. 00	.00 .00 .00 (	00.00.00.00.00.00.00.00	INK

2651		
2652		
2653	BIENNIAL : INSPECT AIR PUMP, CATALYST, FUEL INLET & CANISTER	
2654	(I/M AREAS ONLY)	
2655		
2656	.43 1.00 0.43 1.00 EVAP/PCV	
2657	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	PREVIOUS)
2658	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
2659	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/TNK	
2660	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	<
2661	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	<
2662	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00	
2663	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
2664	.25 .00 .00 .00 .00 .00 .00 0.30 .00 .00 .0	
2665	.00.00.00.00.00.00.00.00.00.00.00.00.00	
2666	.00 0.37 .00 0.11 .00 0.36 .00 .00 .00 0.67 .00 NCK	
2667	.00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 TNK	
2668	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	PREVIOUS)
2669	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
2670	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
2671	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	<
2672	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	<
2673	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	•
2674	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
2675	.00 .00 .00 .00 .00 .00 1.00 .00 .00 EGR	
2676	00. 00. 00. 00. 00. 00. 00. 00. 00. CAT	
2677	00 00 00 00 00 00 00 00 00 00 00 00 NCK	
2678	00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	
2679	.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	PREVIOUS)
2680	00 0 30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/NCK	
2681	00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 AIR/TNK	
2682	00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	K
2683	00 00 00 00 0.05 .00 .00 .00 .00 .00 AIR/CAT/TN	K
2684	00 00 .00 .00 00 0.05 .00 .00 .00 .00 CAT/NCK	
2685	00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
2686	25 .00 .00 .00 .00 .00 0.30 .00 .00 AIR	
2687	00 00 00 00 00 00 00 00 00 00 CAT	
2688	.00 .00 .00 .00 0.25 .00 .00 .00 0.30 .00 NCK	
2689	00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 TNK	
2690	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	SUBSEQUENT)
2691	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
2692	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
2693	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	ĸ
2694	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	K
2695	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2696	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
2697	<b>100</b> 0000 .00 .00 .00 1.00 .00 .00 .00 EGR	
2698	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	•
2699	.00 .00 .00 00 .00 .00 .00 .00 .00 .00	
2700	.00 .00 00 .00 .00 .00 .00 .00 .00 1.00 TNK	

2701	4	
2702	**	
2703	**	
2704	** BIENNIAL : INSPECT AIR PUMP & PCV	
2705	**	
2706	1.00 0.44 1.00 0.44 EVAP/PCV	
2707	0.30 .00 .00 .00 .00 .00 .00 .00 .00 .00	)
27 <b>08</b>	.00 0.30 .00 .00 .00 .00 .00 .00 .00 .00	
2709	.00 .00 0.30 .00 .00 .00 .00 .00 .00 .00	
2710	.00 .00 .00 0.30 .00 .00 .00 .00 .00 .00	
2711	.00 .00 .00 .00 0.30 .00 .00 .00 .00 .00	
2712	.00 .00 .00 0.70 .00 1.00 .00 .00 .00 .00 .00 CAT/NCK	
2713	.00 .00 .00 .00 0.70 .00 1.00 .00 .00 .00 .00 CAT/TNK	
2714	.00 .00 .00 .00 .00 .00 .00 0.30 .00 .00	
2715	0.70 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2716	.00 0.70 .00 .00 .00 .00 .00 .00 .00 .00	
2717	.00 .00 0.70 .00 .00 .00 .00 .00 .00 1.00 TNK	
2718	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	;)
2719	.00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/NCK	
2720	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
2721	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
2722	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
2723	00 00 00 00 00 100 00 00 00 00 00 00 00	
2724	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
2725	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
2726	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	
2727	00 00 00 00 00 00 00 00 00 00 00 00 00	
2728	00 00 00 00 00 00 00 00 00 00 100 TNK	
2729	0.30 .00 .00 .00 .00 .00 .00 .00 .00 .00	INT)
27.30	00 0.30 00 00 00 00 00 00 00 00 .00 AIR/NCK	
27.31	00 00 0.30 00 00 .00 00 00 00 00 AIR/TNK	
27.32	00 00 00 0.30 00 00 00 00 00 00 AIR/CAT/NCK	
27.3.3	00 00 00 00 0.30 00 00 00 00 00 00 AIR/CAT/TNK	
2734	00 00 00 0 70 00 1 00 00 00 00 00 00 CAT/NCK	
2735	00 00 00 00 0 70 00 1 00 00 00 00 00 CAT/TNK	
2736	00 00 00 00 00 00 00 00 00 00 00 AIR	
2737	0 70 00 00 00 00 00 00 100 00 00 CAT	
2738	00 0 70 00 00 00 00 00 00 1.00 00 NCK	
2730	66 6 6 76 66 60 60 60 60 60 100 TNK	
2733	1 00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUE	NT)
2740	20 1 00 00 00 00 00 00 00 00 00 FGR/NCK	
2741	20 40 1 40 40 40 40 40 40 40 40 40 5 FGR/TNK	
2742	20 00 100 100 00 00 00 00 00 00 00 EGR/CAT/NCK	
2744		
2745	20 00 00 00 100 00 00 00 00 00 CAT/NCK	
2143	20 00 00 00 00 100 100 00 00 00 CAT/TNK	
2/40		
2/4/		•
2/40		
2/49		
2/50		

2751	4																		
2752	**																		
2753	**																		
2754	++ BIEN	INIAL : INSPECT CATA	LYST & PCV																
2755	**																		
2756	1.00 0	0.44 1.00 0.44			EVAP/PCV														
2757	0.05	.00 .00 .00 .00	.00.00.00.00.	00.00.06	AIR/CAT (PREVIOUS)														
2758	.00 1	.00 .00 0.95 .00	.00.00.00.00	00.00.06	AIR/NCK														
275 <b>9</b>	. 00	.00 1.00 .00 0.95	.00.00.00.00	00.00.06	AIR/TNK														
2760	. 00	.00 .00 0.05 .00	.00.00.00.00.0	00.00.06	AIR/CAT/NCK														
2761	. 00	.00 .00 .00 0.05	.00.00.00.00	00.00.06	AIR/CAT/TNK														
2762	. 00	.00 .00 .00 .00	0.05 .00 .00 .0	00.00.00	CAT/NCK														
2763	. 00	.00 .00 .00 .00	.00 0.05 .00 .0	00.00.00	CAT/TNK														
2764	0.95	.00 .00 .00 .00	.00 .00 1.00 .0	00.00.00	AIR														
2765	. 00	.00.00.00.00	.00 .00 .00 .00 .0	<i>35 .00 .00</i>	CAT														
2766	. 00	.00.00.00.00	0.95 .00 .00 .0	<b>30 1.00 .00</b>	NCK														
2767	. 00	.00 .00 .00 .00	.00 0.95 .00 .0	30 .00 1.00	TNK														
2768	1.00	.00.00.00.00	.00.00.00.00	<b>30 .00 .00</b>	EGR/CAT (PREVIOUS)														
2769	.00 1	.00.00.00.00	.00.00.00.00	00.00.06	EGR/NCK														
2770	.00	.00 1.00 .00 .00	.00.00.00.00.	00.00.06	EGR/TNK														
2771	. 00	.00 .00 1.00 .00	.00.00.00.00	30 .00 .00	EGR/CAT/NCK														
2772	. 00	.00 .00 .00 1.00	9. 00. 00. 00.	30 .00 .00	EGR/CAT/TNK														
2773	. 00	.00.00.00.00.	1.00.00.00.0	00.00.00	CAT/NCK														
2774	. 00	.00.00.00.00	.00 1.00 .00 .0	00.00.06	CAT/TNK														
2775	. 00	.00.00.00.00	.00 .00 1.00 .0	00, 00. 06	EGR														
2776	. 00	.00.00.00.00	.00 .00 .00 1.0	00.00.00	CAT														
2777	.00	.00.00.00.00	.00.00.00.00.	30 1.00 .00	NCK														
2778	.00	00.00.00.00	.00.00.00.00	00 .00 1.00	TNK														
2779	0.05	.00 .00 .00 .00	.00.00.00.00	00. 00. 00	AIR/CAT (SUBSEQUENT)														
2780	.00 1	.00 .00 0.95 .00	.00.00.00.00	00.00.06	AIR/NCK														
2781	.00	.00 1.00 .00 0.95	.00.00.00.00	00.00.06	AIR/TNK														
2782	.00	.00 .00 0.05 .00	.00.00.00.00	00.00.06	AIR/CAT/NCK														
2783	.00	.00 .00 .00 0.05	.00.00.00.00	00.00.00	AIR/CAT/TNK														
2784		00 00 00 00	0.05.00.00.0	00.00.06	CAT/NCK														
2785	.00	00 00 00 00	.00 0.05 .00 .0	00, 00, 00	CAT/TNK														
2786	a 95	00 00 00 00	00 00 1.00 0	00.00.00	AIR														
2787	0.00	.00 .00 .00 .00	.00 .00 .00 0.0	00 .00	CAT														
2788	. 00	.00 .00 .00 .00	0.95 .00 .00 .0	30 1.00 .00	NCK														
2789	00	00 00 00 00	.00 0.95 .00 .0	00 1 00 . 06	TNK														
2790	1 00	00 00 00 00	.00.00.00.00	00.00.00	EGR/CAT (SUBSEQUENT)														
2791		00 00 00 00	. 00 . 00 . 00 . 0	00.00.06	EGR/NCK														
2792	.00 .	00 1 00 00 00	00 00 00 0	00, 00, 00	EGR/TNK														
2793	.00	00 00 1 00 00	. 00 . 00 . 00 . 0	00, 00, 00	EGR/CAT/NCK														
2794	.00	00 00 00 1 00	. 00 . 00 . 00 . 0	00, 00, 00	EGR/CAT/TNK														
2795	66	00 00 00 00	1.00 .00 .00 0	00.00.00	CAT/NCK														
2796	88	00 00 00 00	.00 1.00 .00 .0	00, 00, 00	CAT/TNK														
2797		00 00 00 00	.00 .00 1.00 0	00.00.00	EGR ·														
2708		00 00 00 00	.00 .00 .00 1.0	00, 00, 00	CAT														
2799	60	00 00 00 00	.00 .00 .00	00 1.00 .00	NCK														
2800		AA AA AA AA	00 .00 .00	00 1 00	TNK														
2000		.00 .00 .00 .00																	
2801	4																		
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2802																			
2803	**																		
2804	**	BT	ENNTA	£ : `	NS	PEC	T AIR	PL	JMP.	. 0	CAT	ALYS	ST	& PCV	/				
2805																			
2806	1	00	0.44	1.00	0	. 44												EVAP/PC	/
2807	à	. 00			, -		.00		00		. 00	. (	80	. 00	. 00	).	00	AIR/CAT	(PREVIOUS)
2808	v	. 00 88	A 30		, 6	25			00		00		80	.00	. 00		00	AIR/NCK	· · ·
2800		. 00 88	0.00	A 30	Ň	. 20	0 25	•	60		00		80		.00	<b>)</b>	00	AIR/TNK	
2009		. 00	. 00	0.00	, a	. 00	0.20 88	•	60				20	.00		· ·	00	AIR/CAT	/NCK
2810		. 00 00	. 00	. 01	~ ~	. 00 aa	a 65	•	60				20	. 00		· ·	00	AIR/CAT	TNK
2011		. 00	.00		<b>`</b>	. 00	0.00	<u>а</u>	05	•	. 00 00		aa	.00		· ·	00	CAT/NCK	
2012		. 00	. 00		ί.	00	. 00	υ.	88	ດ່	05		80 80	.00	. 00	· ·	00	CAT/TNK	
2013	<u> </u>	25	. 00	. 00	(	. 00	. 00	•	60	υ.	. 00 00	<u>م : ب</u>	30	.00	. 00	· ·	88	AIR	
2014	0	. 23	. 00	. 00			.00	•	00	•	00	0.0	30	0 05	. 00	, .	aa	CAT	
2813		. 00	.00	. 00	, a	. 00	.00	<u> </u>	05		00		20	0.05	1 00	· ·	aa	NCK	
2810		. 00	0.70	.00		. /0	0.00	0.	.90	<u> </u>	00		20	.00	1.00	, .	aa	TNK	
2817		. 60	.00	0.70		. 00	0.70	•	00	0.	.95		20	.00	. 00	, I.	00 00	FOR /CAT	(PREVIOUS)
2818	1.	. 60	.00	. 00		. 00	.00	•	00	•	00		20	.00	. 00	· ·	00 00	ECP/NCK	(FRETTOD3)
2819		. 00	1.00	. 00	2	. 00	.00	•	00	•	00		20	.00	. 00	· ·	00 00	ECR/TNK	
2820		. 00	. 00	1.00		. 00	.00	•	00	•	. 00		00	.00	. 00		00	ECR/CAT	/NCK
2821		. 00	. 00	. 01	2 1	. 60	. 00	•	00	•	. 00		00	. 00	. 00		00	EGR/CAT	
2822		. 00	. 00	. 06		. 00	1.00		00	•	. 00	. 6	00	. 00	. 00		00	CAT /NOK	· ( )NIN -
2823		. 60	. 00	. 01		. 00	. 00	1.	00		. 00		00	.00	. 00		00	CAT/NCK	
2824		. 00	. 66	. 01	2	. 00	. 00	•	. 00	Ι.	. 00		00	.00	. 00		00	CAT/INK	
2825		. 00	. 00	. 01	2	. 00	. 00	•	.00	•	. 00	1.6	00	.00	. 00		00		
2826		. 00	. 00	. 06	2	. 00	. 00	•	.00		. 00	. 6	00	1.00	. 06		00		
2827		. 00	. 00	. 00		. 00	. 00	•	.00		. 00	. 6	00	. 00	1.00		00		
2828		. 00	. 00	. 00	,	. 00	. 00		.00		. 00	. 6	80	. 00	. 06	2 1.	00		
2829	0	. 05	. 00	. 06	,	. 00	. 00		00		. 00	. 6	00	00	. 06		00	AIR/CAT	(PREVIOUS)
2830		. 00	0.30	. 06	0	. 25	. 00	•	00		. 00	. (	00	. 00	.00		00	AIR/NCK	
2831		. 00	. 00	0.30	)	. 0 <b>0</b>	0.25		00		.00	. (	90	. 00	. 06		00	AIR/INK	4004
2832		. 00	. 00	. 06	0	. 05	. 00		<b>00</b>		. 00	. 6	90	. 00	. 06	. ,	00	AIR/CAT/	NCK
2833		. 00	. 00	. 06	)	. 00	0.05		00		00	. (	90	. 00	. 06	. (	00	AIR/CAI	/ INK
2834		. 00	. 00	. 06	)	. 00	.00	0.	05		. 00	. 6	90	00	. 06	•	00 ·	CAT/NCK	
2835		. 00	. 00	. 06	)	. 00	. 00		00	0.	. 05	. 6	90	. 00	. 06	θ.	00	CAT/INK	
2836	0.	. 25	. 00	. 06	)	. 0 <b>0</b>	. 00		00		. 00	0.3	30	. 00	. 06	).	00	AIR	
2837		. 00	. 00	. 00	)	. 00	. 0 <b>0</b>		0 <b>0</b>		. 00	. 6	90	0.05	. 06	θ.	00	CAT	
2838		. 00	0.70	. 06	0 (	. 70	. 00	0.	95		. 00	. 6	90	. 00	1.00	).	00	NCK	
2839		. 00	. 00	0.76	)	. 0 <b>0</b>	0.70		00	0.	95	. 6	90	. 00	. 06	31.	0 <b>0</b>	TNK	(
2840	1.	. 00	. 00	. 06	)	. 00	. 00		00		00	. 6	90	. 00	00	).	0 <b>0</b>	EGR/CAT	(SUBSEQUENT)
2841		. 0 <b>0</b>	1.00	. 06	) .	. 00	. 00		00	-	00	. 6	90	. 00	. 08	).	0 <b>0</b>	EGR/NCK	
2842		. 00	. 00	1.00	)	. 00	. 00		00		. 00	. 6	90	. 00	. 06	).	00	EGR/TNK	<i>4</i>
2843		. 00	. 00	. 06	) 1	. 0 <b>0</b>	. 00		00		00	. 6	90	. 00	. 06	δ.	00	EGR/CAT,	/NCK
2844		00	. 00	. 00	)	. 0 <b>0</b>	1.00		00		. 00	. 6	90	. 0 <b>0</b>	. 06	).	00	EGR/CAT,	/TNK
2845		. 00	. 00	. 06	)	. 00	. 0 <b>0</b>	1.	00		00	. 6	90	. 00	. 06	).	00	CAT/NCK	
2846		.00	. <b>0</b> 0	. 06	)	. 0 <b>0</b>	. <b>0</b> 0		00	1.	. 00	. 6	90	. 0 <b>0</b>	. 06	).	00	CAT/TNK	
2847		00	00	00	,	. 00	.00		00		. 00	1.6	90	. 0 <b>0</b>	. 0(	3.	00	EGR	
2848		. 00	. 00	. 06	)	. 00	. 00		00		. 00	. 6	90	1. <b>0</b> 0	. 06	δ.	0 <b>0</b>	CAT	
2849		. 00	. 00	. 06	)	. 00	. 00		00		. 00	. 6	90	. 00	1.00	θ.	00	NCK	
2850		00	. 00	. 00	)	. 0 <b>0</b>	. 00		00		. 00	. 6	90	. 00	. 06	31.	00	TNK	

2851	4					
2852	••					
2853	•• BI	ENNIAL :	INSPECT CAT	ALYST, FUEL INLE	T&PCV	
2854	••		(NON-1/)	A AREAS ONLY)		
2855	••					
2856	1.00	0.44 1.0	0 0.44			EVAP/PCV
2857	0.05	.00 00	00.00.0	.00.00.00	.00 .00 .00	AIR/CAT (PREVIOUS)
2858	. 00	0.83 .00	00.62 .00	.00 .00 .00	.00 .00 .00	AIR/NCK
2859	. 00	.00 1.00	0 .00 0.95	.00 .00 .00	.00 .00 .00	AIR/TNK
2860	. 00	.00.00	00.05 .00	.00 .00 .00	.00 .00 .00	AIR/CAT/NCK
2861	. 00	.00.00	0.00 0.05	.00 .00 .00	.00 .00 .00	A [R/CAT/TNK
2862	. 00	.00.00	00.00 <b>.</b> 00	0.05 .00 .00	.00 .00 .00	CAT/NCK
2863	. 00	.00 .00	00.00.0	.00 0.05 .00	.00 .00 .00	CAT/TNK
2864	0.95	0.17 .00	0.33 .00	.00 .00 1.00	.00 .00 .00	AIR
2865	. 00	.00 .00	00.00.0	.00.00.00	0.05 .00 .00	CAT
2866	. 00	.00 .00	00.00.0	0.62 .00 .00	.00 0.83 .00	NCK
2867	. 00	.00 .00	00.00.0	.00 0.95 .00	.00 .00 1.00	TNK
2868	1.00	.00 .00	00, 00, 0	.00.00.00	.00.00.00	EGR/CAT (PREVIOUS)
2869	.00	1.00 .00	00.00.0	.00 .00 .00	.00 .00 .00	EGR/NCK
2870	. 00	.00 1.00	00.00.00	.00 .00 .00	.00 .00 .00	EGR/TNK
2871	.00	.00 .00	00. 00.10	.00 .00 .00	.00 .00 .00	EGR/CAT/NCK
2872	. 00	.00 .00	0 .00 1.00	.00 .00 .00	.00.00.00	EGR/CAT/TNK
2873	. 00	.00 .00	00.00.00	1.00 .00 .00	.00 .00 .00	CAT/NCK
2874	. 00	.00 .00	00.00.0	.00 1.00 .00	.00 .00 .00	CAT/TNK
2875	.00	.00 .0	00, 00, 0	.00 .00 1.00	.00 .00 .00	EGR
2876	.00	.00 .00	00, 00, 60	.00 .00 .00	1.00 .00 .00	CAT
2877	.00	.00 .00	00.00.0	.00 .00 .00	.00 1.00 .00	NCK
2878	.00	.00 .00	00.00.00	.00.00.00	.00 .00 1.00	TNK
2879	0.05	. 00 . 00	00.00.0	.00 .00 .00	.00 .00 .00	AIR/CAT (SUBSEQUENT)
2880	.00	0.70 .00	0 0.65 .00	.00.00.00	00.00.00	AIR/NCK
2881	00	00 1 00	00 0.95	.00.00.00	<b>00.00.00</b>	AIR/TNK
2882	00	.00 .00	0 0.05 .00	.00 .00 .00	00.00.00	AIR/CAT/NCK
2883	66	00 00	0 00 0.05	.00 .00 .00	.00.00.00	AIR/CAT/TNK
2884	80	00 00	00.00	0.05 00 .00	.00.00.00	CAT/NCK
2885	88	66 66	00 00	.00 0.05 .00	00, 00, 00	CAT/TNK
2886	A 95	0 30 00	0 30 .00	.00 .00 1.00	.00.00.00	AIR
2887	60	00 00	00 .00	00 .00 .00	0.05.00.00	CAT
2888	.00	99 90	00 .00	0.65 .00 00	00 0.70 .00	NCK
2889	88	00 00	0 00 00	.00 0.95 .00	00 00 1.00	TNK
2890	1 99	00 00	00 00	.00.00.00	.00.00.00	EGR/CAT (SUBSEQUENT)
2891	90	1 00 00	00 .00	.00 .00 .00	.00.00.00	EGR/NCK
2807		00 1 00	00 00	.00 00 .00	.00 .00 .00	EGR/TNK
2032	.00	.00 .00	0 1 00 00	.00 .00 .00	00 .00 .00	EGR /CAT/NCK
2894	.00	.00 .00	00 1 00	00 00 00	.00 .00 .00	EGR/CAT/TNK
2034	. 00	.00 .00	a a <b>a a</b> a	1 00 00 00	00 .00 .00	CAT/NCK
2806		.00 .00	00 00	.00 1.00 .00	.00 .00 .00	CATŹTNK
2030	- 00		a aa aa	.00 .00 1 00	00 .00 .00	EGR
2037	00	00 00	a aa aa	00 00 00	1.00 .00 .00	CAT
2030	.00	.00 .00	a aa aa	00 00 00	00 1.00 00	NCK
2033	.00		a aa aa	.00 00 00	00 00 1 00	TNK
2300	. 00	.00.00				

2901		
2902		
2903	BIENNIAL : INSPECT AIR PUMP, CATALYST, FUEL INLET & PCV	
2904	(NON-I/M AREAS ONLY)	
2905		
2906	.00 0.44 1.00 0.44 EVAP/P	CV
2907	1.05. 00. 00. 00. 00. 00. 00. 00. 00. 00.	T (PREVIOUS)
2908	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 .00 AIR/NC	K
2909	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/TN	K
2910	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00	T/NCK
2911	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	T/TNK
2912	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	ĸ
2913	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00	K
2914	.25 .00 .00 .00 .00 .00 .00 0.30 .00 .00 .0	
2915	00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2916	00 0.53 00 0.53 00 0.62 .00 .00 .00 0.83 .00 NCK	
2917	00 00 0 70 00 0 70 00 0 95 00 00 00 1.00 TNK	
2918	00 00 00 00 00 00 00 00 00 00 00 EGR/CA	T (PREVIOUS)
2919	99 1 99 99 99 99 99 99 99 99 99 99 99 90 EGR/NC	ĸ
2920	00 00 1 00 00 00 00 00 00 00 00 00 EGR/TN	ĸ
2921	. 00 . 00 1 . 00 . 00 . 00 . 00 . 00 .	T/NCK
2922	00 00 00 100 00 00 00 00 00 00 00 EGR/CA	T/TNK
2923	00 00 00 00 00 100 00 00 00 00 00 CAT/NC	ĸ
2920	00 00 00 00 00 00 100 00 00 00 00 CAT/TN	ĸ
2025	00 00 00 00 00 00 00 00 00 00 00 00 00	
2925	AA AA AA AA AA AA AA AA AA AA AA AA AA	
2920	AA AA AA AA AA AA AA AA AA AA AA AA AA	
2028		
2920	100 100 100 100 100 100 100 100 100 100	T (PREVIOUS)
2929	- 00 - 00 - 00 - 00 - 00 - 00 - 00 - 0	K
2900		ĸ
2331		T/NCK
2932		T/TNK
2933	ATT/A	4/ DIK
2934		
2935	17 17 00 00 00 00 00 00 00 00 00 00 00 00 00	
2936	25 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	
2937	A) 00, 00, 00, 00, 00, 00, 00, 00, 00, 00	
2938	.00 0.40 .00 0.40 .00 0.65 .00 .00 .00 0.70 .00 NCK	
2939	.00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 .00 INK	T (CURCEOUENT)
2940	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	( SUBSEQUENT)
2941	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	N.
2942	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
2943	00 00 00 1 00 00 00 00 00 00 00 00 00 EGR/CA	T /TNUK
2944	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	AZINK
2945	.00 .00 .00 .00 .00 1.00 00 00 .00 .00 .	A N
2946	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	ir.
2947	-00-00-00 .00 .00 .00 .00 .00 .00 .00 .0	•
2948	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
2949	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
2950	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

2051	
2931	
2932	A DIENNIAL - INSPECT CATALYST FUEL INLET (AND PLUMRTESMO)
2900	BIENNIAE - INSPECT CATALIST, FOLE INEET (AND FLOWED LOWD); BOY
2934	
2933	
2950	
2937	
2956	
2929	
2960	
2961	
2962	
2963	.00.00.00.00.00.00.00.00.00.00.00.00.00
2964	0.95 0.75 0.75 0.75 .00 .00 .00 .00 .00 .00 AIR
2965	
2966	.00 .00 .00 .00 .00 .20 .00 .00 .00 .20 NCK
2967	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2968	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2969	.00 1.00 00 .00 00 00 .00 .00 .00 .00 EGR/NCK
2970	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
2971	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
2972	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
2973	.00 .00 .00 .00 1.00 .00 .00 .00 .00 CAL/NCK
2974	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
2975	.00 .00 .00 .00 .00 .00 1.00 .00 .00 EGR
2976	.00 .00 .00 .00 .00 .00 .00 1.00 .00 CAT
2977	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00
2978	.00 .00 .00 .00 .00 .00 .00 .00 1.00 INK
2 <b>9</b> 79	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
2980	.00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 .00 ALR/NCK
2981	.00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/INK
2982	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
2983	.00 00 .00 .00 0.05 .00 .00 .00 .00 .00
2984	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
2985	.00 .00 .00 .00 .00 0.05 .00 00 .00 .00
2986	0.95 0.85 0.85 0.85 0.85 .00 .00 1.00 .00 .00 AIR
2987	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2988	.00 .00 .00 .00 .00 0.10 .00 .00 .00 0.15 .00 NCK
2989	.00 .00 .00 .00 .00 0.10 .00 .00 .00 0.15 TNK
2990	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2991	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
2992	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
2993	.00 .00 1.00 .00 .00 .00 .00 .00 00 .00 EGR/CAT/NCK
2994	.00 .00 .00 .00 1.00 00 .00 .00 .00 .00
2995	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
2996	00 .00 .00 .00 .00 .00 .00 .00 .00 .00
2997	-00 00 00 00 00 00 00 00 00 00 00 EGR
2998	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
2999	.00 .00 00 .00 .00 .00 .00 .00 1.00 .00
3000	.00 .00 .00 .00 .00 .00 .00 .00 .00 TNK

3001		
3002		
3003	BIENNIAL : INSPECT AIR PUMP, CATALYST, FUEL INLET (AND PLUMBTESMO),	
3004	& PCV	
3005		
3006	.00 0.44 1.00 0.44 EVAP/PCV	
3007	05 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PRE	VIOUS)
3008	00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 AIR/NCK	
3009	00 .00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 AIR/TNK	
3010	00 00 00 0.05 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
3011	00 00 00 00 0.05 00 00 00 00 00 00 AIR/CAT/TNK	
3012	00 00 00 00 00 0.5 00 00 00 00 00 CAT/NCK	
3013	00 00 00 00 00 00 0.05 00 00 00 00 CAT/TNK	
3014	25 9 95 9 95 9 95 9 95 99 99 93 90 90 90 AIR	
3015	20 00 00 00 00 00 00 00 00 00 00 00 CAT	
3016	00 00 00 00 00 00 00 00 00 00 00 NCK	
3010	00 00 00 00 00 00 00 00 00 00 00 00 00	
3017	00 00 00 00 00 00 00 00 00 00 EGR/CAT (PRE	VIOUS)
3010		
1019		
3020		
3021	20 20 20 100 100 100 100 100 100 100 100	
3022		-
3023		
3024		
3025		
3020		
3027		
3028		SECHENT)
3029		oluoliti,
3030		
3031		
3032	00 00 00 0.05 00 00 00 00 00 00 ALP/CAT/TAK	
3033		
3034		
3035		
3036	.25 0.15 0.15 0.15 0.15 .00 .00 0.00 .00 .00 .00 .00 AIR	
3037	00 00 00 00 00 00 00 00 00 00 00 00 00	
3038		
3039	.00 .00 .00 .00 .00 .00 0.10 .00 .00 .00	
3040	00 00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUE	SEQUENT)
3041	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
3042	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
3043	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
3044	00 00 00 00 1.00 00 00 00 00 00 00 00 COL	
3045	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
3046	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
3047	100 .00 .00 .00 .00 .00 1.00 .00 .00 EGR	
3048	.00, 00, 00, 00, 00, 00, 00, 00, 00, 00,	
3049	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK	
3050	.00 .00 .00 .00 .00 .00 .00 .00 .00 INK	

3051	4			
3052	**			
3053	++ BIENNI	IAL : INSPECT CATA	LYST, FUEL INLET & PCV	
3054	**	(I/M AREA	5 ONLY)	
3055	**			
3056	1.00 0.4	44 1.00 0.44		EVAP/PCV
3057	0.05 .0	00.00.00.00	.00. 00. 00. 00. 00. 00.	AIR/CAT (PREVIOUS)
3058	.00 0.6	67 .00 0.36 .00	.00.00.00.00.00.00.00	AIR/NCK
3059	.00.0	00 1.00 .00 0.95	.00.00.00.00.00.00.00.	AIR/TNK
3060	.00.0	00 .00 0.05 .00	.00. 00. 00. 00. 00. 00.	AIR/CAT/NCK
3061	.00 .0	00 .00 .00 0.05	00. 00. 00. 00. 00. 00.	AIR/CAT/TNK
3062	.00 .0	00.00.00.00	0.05 .00 .00 .00 .00 .00	CAT/NCK
3063	.00 .0	00 .00 .00 .00	.00 0.05 .00 .00 .00 .00	CATTTNK
3064	0.95 0.3	33 .00 0.59 .00	.00 .00 1.00 .00 .00 .00	AIR
3065	00 .0	00 00 00 00	.00 .00 .00 0.05 .00 .00	CAT
3066	99 9	00 00 00 00	0.36 .00 .00 .00 0.67 .00	NCK
3067	00 0	00 00 00 00	00 0 95 00 00 00 1.00	TNK
3068	1 00 .0	00 00 00 00	00 00 00 00 00 00	EGR/CAT (PREVIOUS)
3060	00 1 0	00 00 00 00	00 00 00 00 00 00	FGR/NCK
3070	.00 1.0	00 1 00 .00 .00 00	00 00 00 00 00 00	FGR/TNK
3070	00 .0	00 1.00 .00 .00 00 00 1 00 00	<u>00 00 00 00 00 00</u>	EGR/CAT/NCK
3071	.00 .0		<u>00 00 00 00 00 00</u>	FGR/CAT/TNK
3072	.00.0	00 00 00 00		CAT/NCK
3073	.00.0	00 00 00 00	00 1 00 00 00 00 00 00 00	CAT/TNK
3074	.00.0			FCR
3075	.00.0			CAT
30/0	.00.0			
30//	. 00 . 0			
3078	.00.0	00.00.00.00		ATR/CAT (SUBSECHENIT)
30/9	0.05 .0	00 .00 .00 .00		ATR/CAT (SUBSEQUENT)
3080	.00 0.3	30 .00 0.25 00	00.00.00.00.00	
3081	.00.0	00 1.00 .00 0.95	00.00.00.00.00.00.00.	
3082	.00.0	00 .00 0.05 .00	00.00.00.00.00	
3083	.00.0	00 .00 .00 0.05	00.00.00.00.00	AIR/CAI/INK
3084	.00.0	00.00.00.00	0.05.00.00.00.00.00.00	
3085	.00.0	00.00.00.00	.00 0.05 .00 .00 .00 .00	
3086	0.95 0.7	70 .00 0.70 .00	00 .00 1.00 .00 .00 .00	AIR
3087	.00.0	00.00.00.00	00 .00 .00 0.05 .00 .00	
3088	.00.0	00.00.000.00	0.25 .00 .00 .00 0.30 .00	NCK
3089	.00.0	00 .00 .00 .00	00 0 95 .00 .00 .00 1.00	
3090	1.00 .0	00.00.00.00	00.00.00.00.00.00	EGR/CAT (SUBSEQUENT)
3091	.00 1.0	00.00.00.00	00.00.00.00.00.00	EGR/NCK
3092	.00.0	00 1.00 .00 .00	.00 .00 .00 .00 .00 .00	EGR/INK
3093	.00.0	00 .00 1.00 .00	.00 .00 .00 .00 .00 .00	EGR/CAI/NCK
3094	.00.0	00 .00 .00 1.00	.00.00.00.00.00.00.	EGR/CA1/INK
3095	.00.0	00.00 <b>.00</b> .00	1.00 .00 .00 .00 .00 .00	CAI/NCK
3096	.00.0	00.00.00.00	.00 1.00 .00 .00 .00 .00	CAT/TNK
3097	<b></b>	00- 00 .00 .00	.00 .00 1.00 .00 .00 .00	EGR
3098	.00.0	00.00.00.00	.00 .00 .00 1.00 .00 .00	CAT
3099	.00.0	00.00.00.00	.00 .00 .00 .00 1.00 .00	NCK
3100	.00.0	00.00.00.00	.00 .00 .00 .00 .00 1.00	TNK

3101 3102 3103 3104	4 ** ** BIENN]	IAL : INSPECT	'AIR PUMP, CAT/ AREAS ONLY)	ALYST, FUEL INLET & P	cv
3105	**	(-/			
3106	1.00 0.4	44 1.00 0.44			EVAP/PCV
3107	0.05 .0	00 . 00 . 00	.00.00.00	.00.00.00.00	AIR/CAT (PREVIOUS)
3108	.00 0 3	30 .00 0.25	.00 .00 .00	.00.00.00.00	AIR/NCK
3100	80 0.0	00 0 30 00	0.25 .00 .00	.00 .00 .00 .00	AIR/TNK
3110	.00 .0	00 0.00 .00	00 00 00	00.00.00.00	AIR/CAT/NCK
3111	.00 .0	00 00 0.00 00 00 00	0 05 .00 .00	00.00.00.00	AIR/CAT/TNK
3112	.00 .0	00 .00 .00 00 00 00	0.00 .00 .00 .00 00 0 05 00	00 00 00 00	CAT/NCK
3112	.00.0	00 .00 .00 00 00 00	00 0.00 .00	00 00 00 00	CAT/TNK
3113	.00 .0	00.00.00	00 00 000	a 30 00 00 00	AIR
7445	0.25	00 .00 .00 00 00 00	00 00 00	aa a a 5 aa aa	CAT
3115	.00.0	00 .00 .00 77 00 0 11	00 .00 .00	00 0.03 .00 .00	NCK
3110	.00 0.3	00 0.11 00 0.70 00	0 70 0.30 .00	AA AA AA 1 AA	TNK
3117	.00.0	00 0,70 .00	0.70 .00 0.95		FOR /CAT (PREVIOUS)
3118	1.00 .0	00.00.00	.00.00.00.		ECR/NCK
3119	.00 1.0	00.00.00	.00.00.00.		
3120	.00.0	00 1.00 .00	.00.00.00.	00.00.00.00.00	
3121	.00.0	00 .00 1.00	.00.00.00.	00.00.00.00.	EOR/CAT/NOR
3122	.00.0	00.00.00	1.00 .00 .00	00.00.00.00.	
3123	.00.0	00.00.00	.00 1.00 .00	.00.00.00.00.	
3124	.00.0	00.00.00	.00 .00 1.00	.00.00.00.00	
3125	.00.0	00.00.00	.00 .00 .00	1.00 .00 .00 .00	EGR
3126	.00.0	00.00.00	.00 .00 .00	.00 1.00 .00 .00	CAI
3127	.00.0	00.00.00	.00 .00 .00	.00 .00 1.00 .00	NCK
3128	.00.0	00.00.00	.00 .00 .00	.00 .00 .00 1.00	
3129	0.05.0	00.00.00	.00.00.00	.00 .00 .00 .00	AIR/CAT (PREVIOUS)
3130	.00 0.3	30 .00 0.25	.00.00.00	.00 .00 .00 .00	AIR/NCK
3131	.00.0	00 0.30 .00	0.25 .00 .00	.00 .00 .00 .00	AIR/TNK
3132	.00 .0	00 .00 0.05	.00.00.00	.00 .00 .00 .00	AIR/CAT/NCK
3133	.00.0	00.00.00	0.05 .00 .00	.00.00.00.00	AIR/CAT/TNK
3134	.00.0	00.00.00	.00 0.05 .00	.00 .00 .00 .00	CAT/NCK
3135	.00.0	00.00.00	.00 .00 0.05	.00 .00 .00 .00	CAT/TNK
3136	0.25 .0	00.00.00	.00.00.00	0.30 .00 .00 .00	AIR
3137	.00 .0	00.00.00	.00.00.00	.00 0.05 .00 .00	CAT
3138	.00 0	00 00 00	.00 0.25 .00	.00 .00 0.30 .00	NCK
3139	99 9	00 0 70 .00	0.70 .00 0.95	.00 .00 .00 1.00	TNK
3140	1 00 0	00 00 00	00.00.00	.00 .00 .00 .00	EGR/CAT (SUBSEQUENT)
3140	00 1 0	<b>AA</b> AA <b>A</b> A	00 00 00	00.00.00.00	EGR/NCK
3142	.00 I.C	<b>00</b> .00 .00	00 00 00	00.00.00.00	EGRÍTNK
3143	.00 .0	<b>aa</b> aa 1 a <b>a</b>	00 00 00	00.00.00.00	EGR/CAT/NCK
3143	00 .0	00 .00 1.00 00 00 00	1 99 99 99	00 00 00 00	EGR/CAT/TNK
7145	.00 .0	00 .00 .00 00 00 00	00 1 00 00	00 00 00 00	CAT/NCK
3146		00 .00 .00 00 00 00	AA AA 1 AA	00 00 00 00	CATITNK
3140		00 .00 .00 00*** 00 00	00 00 00	1 00 .00 .00 00	EGR
3148		00 .00 .00 00 00 00	AA AA AA	00 1 00 .00 .00	CAT
3140	00 .0	<b>AA AA</b> AA	00 00 00	.00 .00 1 00 .00	NCK
3150		00 .00 .00	00 00 00	00 00 00 1 00	TNK
5150					

3151	4												
3152	**												
3153													
3154	es BI	FNNTA	· T	ISPECT	AIR	PUMP	CAN	ISTER	& PCV	,			
3155													
7150		A	A 13	A								EVAD /DOV	
3130	0.43	0.44	0.40	0.44	~~			00			00	ATD /OAT	(000/1000)
315/	0.30	. 00	. 66	. 66	. 00	. 00	. 00	. 66	. 00	.00	.00	AIR/UAI	(PREVIOUS)
3158	. 00	0.30	. 00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	AIR/NCK	
3159	. 00	. 00	0.30	. 00	. 00	. 00	. 00	. 00	. 00	. 00	.00	AIR/TNK	
3160	. 00	. 00	. 00	0.30	. 00	. 00	. 00	. 00	. 00	.00	.00	AIR/CAT/	NCK
3161	. 00	. 00	. 00	. 00	0.30	. 00	. 00	. 00	. 00	. 00	. 00	AIR/CAT/	TNK
3162	.00	. 00	.00	0.70	. 00	1.00	. 00	. 00	. 00	.00	. 00	CAT/NCK	
3163	00	00	00	00	0 70	00	1 00	00	00	00	.00	CAT/TNK	
3164	.00		.00	. 00	0.70	àà		a 3a	àà		00	ATR	
7165	0.00		.00		.00	.00	.00	0.00	1 00	. 00	.00	CAT	
3105	0.70	00.70	.00	.00	.00	.00	.00	.00	1.00	1 00	.00	NOV	
3100	. 00	0.70	. 00	.00	. 00	.00	. 00	.00	. 00	1.00	.00		
3167	.00	. 00	0.70	. 00	. 00	. 00	. 00	. 00	. 00	. 00	1.00	INK	(
3168	1.00	. 00	.00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	.00	EGR/CAT	(PREVIOUS)
3169	. 00	1.00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	EGR/NCK	
3170	. 00	. 00	1.00	. 00	. 00	. 00	. 00	.00	. 00	. 00	.00	EGR/TNK	
3171	. 00	. 00	. 00	1.00	. 00	. 00	.00	.00	.00	. 00	. 00	EGR/CAT/	NCK
3172		00		00	1 00	00	00	00	00	00	00	EGR/CAT/	TNK
3173	. 00	àà	àà			1 00	.00				00	CAT/NCK	•
3174	.00		.00	.00	.00	00	1 00	.00	.00	.00	àà	CAT /TNK	
3174	.00	.00	. 00	. 00	.00	.00	1.00	1 00	.00	. 00	.00	ECD	
3175	. 00	.00	. 00	.00	.00	.00	. 00	1.00	.00	. 00	.00	LGR	
3176	. 00	. 00	.00	. 00	. 00	. 00	. 00	.00	1.00	.00	.00	UAI	
3177	. 00	. 00	. 00	. 00	. 00	. 00	. 00	.00	. 00	1.00	.00	NCK	
3178	. 00	. 00	. 00	. 00	. 00	.00	. 00	. 00	. 00	. 00	1.00	TNK	
3179	0.30	. 00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	AIR/CAT	(SUBSEQUENT)
3180	. 00	0.30	. 00	. 00	. 00	. 00	. 00	.00	. 00	. 00	.00	AIR/NCK	
3181	.00	.00	0.30	. 00	.00	.00	. 00	. 00	. 00	.00	. 00	AIR/TNK	
3182		aa	00	0 30	00	00	00	00	00	00	.00	AIR/CAT/	NCK
3193	.00	. 00	.00	0.00	a 3a	.00	aa			60	00	AIR/CAT/	TNK
3103	. 00	.00	.00	0 70	0.00	1 00	. 00	.00		.00	aa	CAT /NCK	
3104	. 99	.00	.00	0.70		1.00	1 00	.00	.00	.00	.00	CAT /THE	
3185	. 66	. 66	. 00	.00	0.70	.00	1.00	.00	.00	. 00	.00	ATP	
3186	. 00	.00	. 00	. 00	. 00	. 00	. 00	0.30	. 00	. 00	. 66	AIR	
3187	0.70	00	. 00	. 00	. 00	00	00	. 00	1.00	. 00	. 66	CAI	
3188	. 00	0.70	. 00	. 00	. 00	00	. 00	00	. 00	1.00	.00	NCK	
3189	. 00	. 00	0.70	00	. 00	00	00	. 00	. 00	. 00	1.00	TNK	
3190	1.00	. 00	. 00	00	. 00	. 00	. 00	. 00	00	. 00	. 00	EGR/CAT	(SUBSEQUENT)
3191	. 00	1.00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	. 00	EGR/NCK	
3192	00	00	1 00	00	. 00	. 00	. 00	. 00	.00	. 00	. 00	EGR/TNK	
3103				1 99	60	00	99	00	.00	00	.00	EGR/CAT/	NCK
3104			.00		1 00			้ดด			66	FGR/CAT/	TNK
3105			.00	.00	00	1 00	.00	.00		. 00	àà	CAT /NCK	• • • •
2192	. 99	. 00	. 00	.00	. 00	1.00	1 00	. 00	00	.00	.00	CAT /TNV	
5196	. 00	.00	.00	. 66	. 60	. 66	1.00	.00	. 60	. 00	. 00	CAL/ INN	
3197		. 00	. 00	. 00	. 00	. 00	.00	1.00	.00	. 60	. 00	EGR	•
3198	. 00	.00	. 00	. 00	. 00	. 00	. 00	. 00	1.00	.00	.00	CAT	
3199	. 00	.00	. 00	. 00	. 00	. 00	00	.00	00	1.00	. 00	NCK	
3200	. 00	. 00	. 00	.00	. 00	. 00	. 00	. 00	. 00	. 00	1.00	TNK	

7001			
3201	•		
3202	•		
3203		T CANISTER & DOV	
3204	• BIENNIAL : INSPECT CATALTS	SI, CANISIER & POV	
3205			
3206	0.43 0.44 0.43 0.44		ATR/CAT (DREVIOUS)
3207	0.05.00.00.00.00.00.00.00		AIR/CAI (PREVIOUS)
3208	.00 1.00 .00 0.95 .00 .0	00.00.00.00.00.00	AIR/NCK
3209	.00 .00 1.00 .00 0.95 .0	00.00.00.00.00.00.00	AIR/INK
3210	.00 .00 .00 0.05 .00 .0	00.00.00.00.00.00	AIR/CAI/NCK
3211	.00 .00 .00 .00 0.05 .0	00.00.00.00.00.00	AIR/CAI/INK
3212	.00 .00 .00 .00 .00 .00 .00 .	5 .00 .00 .00 .00 .00	CAT/NCK
3213	. 00. 00. 00. 00. 00.	0 0.05 .00 .00 .00 .00 0	CAT/TNK
3214	0.95 .00 .00 .00 .00 .00	00.001.00.00.00.00	AIR
3215	. 00. 00. 00. 00. 00.	00.00.000.05.00.00	CAT
3216	.00 .00 .00 .00 .00 .00 .00 .	95 .00 .00 .00 1.00 .00	NCK
3217	. 00. 00. 00. 00. 00.	0 0.95 .00 .00 .00 1.00	TNK
3218	1.00 .00 .00 .00 .00 .00	00. 00. 00. 00. 00. 00	EGR/CAT (PREVIOUS)
3219	. 00 1.00 .00 .00 .00 .00	00. 00. 00. 00. 00. 00	Egr/NCK
3220	.00 .00 1.00 .00 .00 .00	00. 00. 00. 00. 00. 00	EGR/TNK
3221	. 00 . 00 . 00 1. 00 . 00 . 0	00. 00. 00. 00. 00	EGR/CAT/NCK
3222	.00 .00 .00 .00 1.00 .0	00. 00. 00. 00. 00. 00	EGR/CAT/TNK
3223	.00 .00 .00 .00 .00 1.0	00.00.00.00.00	CAT/NCK
3224	00.00.00.00.00.00	00.00.00.00.00.00	CAT/TNK
3225	. 00. 00. 00. 00. 00.	00.00.00.00.00	EGR
3226	. 00. 00. 00. 00. 00.	00.00.001.00.00.00	CAT
3227	. 00 . 00 . 00 . 00 . 00 .	00.00.00.00.00	NCK
3228	. 00 . 00 . 00 . 00 . 00	00,00,00,00,00,00	TNK
3229	0.05 .00 .00 .00 .00 .0	00.00.00.00.00	AIR/CAT (SUBSEQUENT)
3230	.00 1.00 .00 0.95 .00 .0	00.00.00.00.00	AIR/NCK
3231	.00 .00 1.00 .00 0.95 .0	00.00.00.00.00	AIR/TNK
3232	00 00 00 0.05 00 0	00.00.00.00.00	AIR/CAT/NCK
3233	00 00 00 00 0.05	00.00.00.00.00	AIR/CAT/TNK
3234	00 00 00 00 00 00	5 00 00 00 00 00	CATINCK
3235	aa aa aa aa aa aa	0 0 05 00 00 00 00	CATÍ/TNK
3236	a 95 aa aa aa aa aa	0 00 1 00 .00 .00 .00	AIR
3237	- AA AA AA AA AA AA	0 00 00 05 00 00	CAT
3238 -		5 00 00 00 1.00 .00	NCK
3230		0 0 95 00 00 00 1 00	TNK
3239	1 00 00 00 00 00 00	a aa aa aa aa aa aa	EGR/CAT (SUBSEQUENT)
3240		a aa aa aa aa aa aa	EGR/NCK
3241		a aa aa aa aa aa aa	EGR/TNK
3242		a aa aa aa aa aa aa	FGR/CAT/NCK
3243		0 00 00 00 00 00 00	FGR/CAT/TNK
3244		a aa aa aa aa aa aa	CAT/NCK
3245		a 1 aa   aa   aa   aa   aa   aa	CAT/TNK
3240		a aa 1 aa aa aa aa aa	FGR
324/		A AA AA 1 AA AA AA A	CAT
3240		a aa aa aa 1 aa aa 1	NCK
3243		A AA AA AA AA 1 AA	TNK
5230	. 00. 00. 00. 00. 00.		

3251	4
3252	**
3253	••
3254	** BIENNIAL : INSPECT AIR PUMP, CATALYST, CANISTER & PCV
3255	••
3256	0.43 0.44 0.43 0.44 EVAP/PCV
3257	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
3258	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 .00 AIR/NCK
3259	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/TNK
3260	.00 .00 .00 .05 .00 .00 .00 .00 .00 .00
3261	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
3262	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3263	.00 .00 .00 .00 .00 .00 .05 .00 .00 .00
3264	0.25 .00 .00 .00 .00 .00 0.30 .00 .00 .00 AIR
3265	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0
3266	.00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 .00 NCK
3267	.00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 TNK
3268	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3269	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK
3270	00 00 1 00 00 00 00 00 00 00 00 00 EGR/TNK
3271	00 00 100 00 00 00 00 00 00 00 00 EGR/CAT/NCK
3272	00 00 00 100 100 00 00 00 00 00 00 EGR/CAT/TNK
3273	00 00 00 00 00 1 00 00 00 00 00 00 CAT/NCK
3274	00 00 00 00 00 00 1 00 00 00 00 00 CAT/TNK
3275	00 00 00 00 00 00 00 100 00 00 00 EGR
3276	AQ AQ AQ AQ AQ AQ AQ AQ AQ 1 AQ AQ AQ CAT
3277	
3278	
3270	0 05 00 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOUS)
3280	00 0 30 00 0 25 00 00 00 00 00 00 00 ATR/NCK
3281	00 00 0 10 0 0 00 00 00 00 00 00 AIR/TNK
3282	
3283	
3284	
3204	
3203	
3200	
3207	
3200 -	00 0.70 0.00 0.70 0.00 0.00 0.00 0.00 0
3203	1 00 00 00 00 00 00 00 00 00 00 00 00 00
3230	
3231	
3292	
3293	
3234	
3233	
3230	
323/	
2522	
3299	
3300	אחו שיי שי שי שי שי שי שי אי אי אי אי

3301	4				
3302	**				<u>су</u>
3303	** BIE	NNIAL : INSPECT	CATALIST, FUEL	INLET, CANISTER & F	<b>₩</b>
3304	**		HIM AREAS UNL	T)	
3305	**				
3306	0.43	0.44 0.45 0.44	~ ~ ~	<u></u>	AID CAT (DEVICUE)
3307	0.05	.00.00.00	.00.00.00.		ATR/CAT (PREVIOUS)
3308	.00	0.83 .00 0.62	.00.00.00	00.00.00.00	
3309	. 00	.00 1.00 .00 (	00.95.00.20.0	.00.00.00.00	
3310	. 00	.00 .00 0.05	.00 .00 .00	.00.00.00.00	
3311	. 00	.00.00.00.	00.00.00	.00.00.00.00	CAT /NCK
3312	. 00	.00 .00 .00	00. 00.00 00.	.00.00.00.00.	
3313	. 00	.00 .00 .00	.00 .00 .00.	.00.00.00.00.	ATD
3314	0.95	0.17 .00 0.33	.00 .00 .00		
3315	. 00	.00 .00 .00	.00 .00 .00	.00.00.00.00	
3316	. 00	.00 .00 .00	.00 0.62 .00	.00 .00 0.85 .00	
3317	. 00	.00 .00 .00	.00 .00 0.95	.00 .00 .00 1.00	
3318	1.00	.00 .00 .00	.00 .00 .00	.00.00.00.00.	EGR/CAT (PREVIOUS)
3319	. 00	1.00 .00 .00	.00 .00 .00	.00.00.00.00.	EGR/NCK
3320	. 00	.00 1.00 .00	.00.00.00	.00. 00. 00. 00.	EGR/INK
3321	. 00	.00 .00 1.00	.00 .00 .00	.00.00.00.00	EGR/CAT/NCK
3322	. 00	.00.00.00	.00 .00 .00	.00.00.00.00.	EGR/CAT/TNK
3323	. 00	.00 .00 .00	.00 1.00 .00	.00.00.00.00.	CAT/NCK
3324	. 00	.00 .00 .00	.00 .00 1.00	.00.00.00.00.	CAT/TNK
3325	. 00	.00 .00 .00	.00 .00 .00	1.00 .00 .00 .00	EGR
3326	. 00	.00 .00 .00	.00.00.00	.00 1.00 .00 .00	CAT
3327	. 00	.00 .00 .00	.00.00.00	.00 .00 1.00 .00	NCK
3328	. 00	.00 .00 .00	.00.00.00	.00 .00 .00 1.00	TNK
3329	0.05	.00.00.00	.00.00.00	. <b>00</b> .00.00. <b>00</b> .	AIR/CAT (SUBSEQUENT)
3330	.00	0.70 .00 0.65	.00.00.00	.00.00.00.00	AIR/NCK
3331	. 00	.00 1.00 .00 (	0.95 .00 .00	.00.00.00.00	AIR/TNK
3332	. 00	.00 .00 .05	.00.00.00	.00.00.00.00	AIR/CAT/NCK
3333	. 00	.00 .00 .00 .	0.05 .00 .00	.00.00.00.00	AIR/CAT/TNK
3334	. 00	. <b>00</b> . 00 . 00	00 0.05 .00	.00.00.00.00	CAT/NCK
3335	. 00	.00 .00 .00	.00 .00 0.05	.00.00.00.00	CAT/TNK
3336	0.95 (	0.30 .00 0.30	.00 .00 .00	1.00 .00 .00 .00	AIR
3337	. 00	. 00. 00. 00	.00.00.00	.00 0.05 .00 .00	CAT
3338	. 00	.00.00.00	.00 0.65 .00	.00 .00 0.70 .00	NCK
3339	. 00	.00.00.00	.00 .00 0.95	.00 .00 .00 1.00	TNK
3340	1.00	.00.00.00	.00.00.00	.00.00.00.00	EGR/CAT (SUBSEQUENT)
3341	.00	1.00 .00 .00	00 00 00	.00.00.00.00.	EGR/NCK
3342	.00	.00 1.00 .00	.00 .00 .00	.00.00.00.00	EGR/TNK
3343	.00	.00 .00 1.00	.00.00.00	.00.00.00.00	EGR/CAT/NCK
3344	.00	.00 .00 .00	.00 .00 .00	.00.00.00.00.00	EGR/CAT/TNK
3345	.00	.00 .00 .00	.00 1.00 .00	.00.00.00.00	CAT/NCK
3346	.00	.00 .00 .00	.00 .00 1.00	.00.00.00.00	CAT/TNK
3347	00	.00 .00 .00	.00 .00 .00	1.00 .00 .00 .00	EGR
3348	.00	.00 .00 .00	.00 .00 .00	.00 1.00 .00 .00	CAT
3349	.00	.00 .00 .00	.00 .00 .00	.00 .00 1.00 .00	NCK
3350	.00	.00 .00 .00	.00 .00 .00	.00 .00 .00 1.00	TNK

3351	4															
3352	* *								_	_						_
3353	** 8	IEN	AIN	L : I	NSPEC	T AIR	PUM	P, CA	TALY	ST,	FUE	EL IN	LET	, CA	NISTER & I	PCV
3354	**				(N	0N1/1	M AR	EAS C	NLY)							
3355																
3356	0.4	30	. 44	0.43	0.44										EVAP/PCV	
3357	0.0	5	. 00	. 00	. 00	. 00	. 0	0.0	0.0	90	. 08	).0	0	. 00	AIR/CAT	(PREVIOUS)
3358	0	0 0	. 30	. 00	0.25	. 00	. 0	0 .C	0.0	20	. 00	) .0	0	. 00	AIR/NCK	
3359	Ö	ñ	.00	0 30	00	0.25	.0	0.0	ø .	20	. 00	) .0	Õ	. 00	AIR/TNK	
3360	à	ā	âã	0.00	a 65		Ō	<u>a</u> a	a i	aa	00	0	Ā	00	AIR/CAT/	NCK
3361	. 0	ă	. 00	. 00	0.00	A 45	. a	a a	ă i	aa	à	, ă	ă	âõ	AIR/CAT/	TNK
3301		<u>a</u>	00	. 00	. 00	0.00	a a	5 0	a .	20	. 00	, .ŭ	ä	. 00 88	CAT /NCK	
3362		0 . A	. 00	.00	. 00	. 00	0.0	0 0 0	5	20	. 00	, .u	å	. 00	CAT/TNK	
3363		ю. г	. 00	. 00	.00	. 00	. 0	00.0			. 00		à		ATD	
3364	0.2		. 00	. 00	. 00	.00	. 0	0.0	00.	20	. 00		0	. 00	CAT	
3365	. 0	0.	. 99	. 00	. 00	. 00	. 0	0.0	0.0	00	0.05		0	. 00		
3366	. 0	00	. 53	. 00	0.53	. 00	0.6	2.0	Ø.	00	. 06	0.8	3	. 00	NCK	
3367	. 0	0	. 00	0.70	. 00	0.70	. 0	0 0.9	5.0	90	. 06	.0	01	. 00	INK	(
3368	1.0	0.	. 00	. 00	. 00	. 00	. 0	0.0	0.0	90	. 00	).0	0	. 00	EGR/CAT	(PREVIOUS)
3369	. 0	01.	. 00	. 00	. 00	. 00	. 0	0.0	0.0	90	. 06	).0	0	. 00	EGR/NCK	
3370	. 0	0.	. 00	1.00	. 00	. 00	. 0	0.0	0.0	90	. 00	).0	0	. 00	EGR/TNK	
3371	. 0	0	. 00	. 00	1.00	. 00	. 0	0.0	0.0	90	. 00	0. (	0	. 00	EGR/CAT/I	NCK
3372	.0	õ.	. 00	. 00	. 00	1.00	. 0	0.O	0.0	90	. 00	).0	0	. 00	EGR/CAT/	TNK -
3373	0	ñ i	00	00	00	.00	1.0	0 0	0	80	.00	0.0	0	.00	CAT/NCK	
3374	à	ā	aa	90		99	Ő	<u><u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u></u>	à i	20	00	9	Ř	00	CAT/TNK	
3375	. 0	ă i	. 00	. 00	. 00	. 00	. õ	6 . C	ă 1 i	àà	. 00		ă	âã	FGR	
3375	. 0	<u>a</u>	. 00	. 00	. 00	. 00	. 0	a a	a	20	1 00	, .u	ä	. 00 88	CAT	
3370	. 0	0		.00	.00	. 00	. 0	0 . U	a .	20	1.00	1 0	å	. 00	NCK	
33//	. 0	0	. 00	. 00	. 00	. 00	. 0		0 .v	20	. 00		Å 1	.00	TNK	
33/8	. 0	. 9	. 00	. 00	. 00	. 00	. 0	0.0		00	. 00		0	. 00		
33/9	0.0	5	. 00	. 00	. 00	. 00	.0	0.0	0.0	00	. 00	.0	0	. 00	AIR/CAT	(FREVIOUS)
3380	. 0	00	. 30	. 00	0.25	.00	. 0	0.0	9.0	00	. 06	.0	0	. 66	AIR/NCK	
3381	. 0	0	. 00	0.30	. 00	0.25	. 0	0.0	0.0	90	. 00	.0	0	. 00	AIR/INK	
3382	. 0	0.	. 00	. 00	0.05	. 00	. 0	0.0	0.0	90	. 08	.0	0	. 00	AIR/CAT/	NCK
3383	. 0	0	00	. 00	. 00	0.05	. 0	0.0	0.0	90	. 08	9.0	0	. 00	AIR/CAT/	TNK
3384	. 0	0.	. 00	. 00	. 00	. 00	0.0	5.0	0.0	90	. 00	).0	0	. 00	CAT/NCK	
3385	. 0	0.	. 00	. 00	. 00	. 00	. 0	0 0.0	5.0	30	. 00	).0	0	. 00	CAT/TNK	
3386	0.2	5.	. 00	. 00	. 00	. 00	. 0	0.0	0 0.3	30	. 00	.0	0	. 00	AIR	
3387	.0	Ö.	. 00	. 00	. 00	. 00	. 0	0.0	0.0	00	0.05	5. <b>0</b>	0	. 00	CAT	
3388		ดด	40	.00	0.40	. 00	0.6	5.0	Ó.	90	. 00	0.7	0	. 00	NCK	
3380	. a	a T	àà	0 70	60	0 70	0	0 0 9	5 0	20	00	.0	0 1	00	TNK	
3300	1 0	ดี	aa	6.70	. 00	99	้ด	a a	ā i	20	00	6	ō .	00	FGR/CAT	(SUBSEQUENT)
3390	1.0	a 1	. 00	. 00	. 00	. 00	ă	a a	a .	aa		, .o	ä		EGR /NCK	(,
3391	. 0	2	. 00	1 00	. 00	. 00	. 0	0 .0 0 0	a .	20	. 00	, .ŭ	ä	. 00 	ECR/TNK	
3392	. 0	0.	. 00	1.00	1 00	. 00	. 0	0.0	0 . U	20	.00	, .u	à	. 00 aa	ECR/CAT/	NCK
2282	. 0	0.	. 00	. 00	1.00	.00	. 0	0.0	0 . V		.00		6	.00	ECD/CAT/	
5594	. 0	0.	. 99	. 66	. 00	1.00		0.0	o	00	. 98		U A	00.	CAT /NOV	
3395	0	0	. 00	. 00	.00	. 00	1.0		0.0	00	. 00	.0	8	. 00	CAT/NUK	
3396	. 0	0		00	00	. 00	. 0	01.0	Ø.	90	. 06	.0	0	. 66	CAT/INK	
3397	. 0	0.	. 00	. 00	. 00	. 00	. 0	0.0	01.0	90	. 00	.0	0	. 00	EGR	
3398	. 0	0.	. 00	. 00	. 00	. 00	. 0	0.0	0.0	90	1.00	.0	0	. 00	CAT	
3399	. 0	0.	. 00	. 00	. 00	. 00	. 0	0.0	0.0	90	. 00	91.0	0	. 00	NCK	
3400	. 0	0	. 00	. 00	. 00	. 00	. 0	0.0	0.0	90	. 08	).0	01	. 00	TNK	

3401	4
3402	••
3403	** BIENNIAL : INSPECT CATALYST, FUEL INLET (AND PLUMBTESMO),
3404	•• CANISTER & PCV
3405	**
3406	0.43 0.44 0.43 0.44 EVAP/PCV
3407	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
3408	.00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 AIR/NCK
3409	.00 .00 0.25 .00 0.20 .00 .00 .00 .00 .00 ATR/TNK
3410	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
3411	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
3412	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
3413	.00 .00 .00 .00 .00 .05 .00 .00 .00 CAT/INK
3414	0.95 0.75 0.75 0.75 0.75 .00 .00 1.00 .00 .00 AIR
3415	.00 .00 .00 .00 .00 .00 .00 .05 .00 CAT
3416	.00 .00 .00 .00 .00 0.20 .00 .00 .00 0.25 .00 NCK
3417	
3418	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3419	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
3420	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
3421	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
3422	.00.00.00.001.00.00.00.00.00.00.00.00.00
3423	.00.00.00.00.00.00.00.00.00.00.00.00.00
3424	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3425	
3426	.00.00.00.00.00.00.00.00.00.00.00.00.00
342/	
3428	00 00 00 00 00 00 00 00 00 00 00 00 00
3429	
3430	
3431	
3432	
3433	
3434	
3435	
3430	0.95 0.85 0.85 0.85 0.85 0.00 .00 .00 .00 .00 .00 .00 .00
3437	
3438	
3439	
3440	
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3442	
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3473	
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3449	00 00 00 00 00 00 00 00 00 00 00 00 00
3440	
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3451		
3452	. DIENNIAL , INCREAT ALD DIMP. CATALYST FILE INLET (AND DIIMPTESMO)	
3433	A BIENNIAL : INSPECTAIR FOMP, CATALIST, FOLL INLET (AND FLOMBTLOND),	
3434	CANISTER & PCV	
3455		
3456	0.45 0.44 0.45 0.44 $0.45$ 0.00 00 00 00 00 00 00 00 00 00 00 00 0	
345/	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3458	.00 0.25 .00 0.20 .00 .00 .00 .00 .00 .00 AIR/NCK	
3459	.00 .00 0.25 .00 0.20 .00 .00 .00 .00 .00 AIR/INK	
3460	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3461	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3462	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3463	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3464		
3465		
3466	.00 .00 .00 .00 0.20 .00 .00 .00 .25 .00 NCK	
346/	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3408	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3469	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
34/0		
34/1		
34/2		
34/3		
34/4		
34/0	00 00 00 00 00 00 00 00 00 00 00 00 00	
34/0		
3477		
34/0	00 00 00 00 00 00 00 00 00 00 00 100 10	١
34/9		<b>`</b>
3400		
3401		
3402		
3403		
3404		
3403		
3400	22 0 13 0 13 0 13 0 13 00 00 00 0 00 00 00 00 00 00 00 00 00	
3407		
3480	a a a a a a a a a a a a a a a a a a a	
3409	1 00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUENT	)
3490	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK	<i>,</i>
3497	00 00 1 00 00 00 00 00 00 00 00 EGR/TNK	
3493	00 00 1 00 00 00 00 00 00 00 00 EGR/CAT/NCK	
3494	00 00 00 1 00 00 00 00 00 00 00 EGR/CAT/TNK	
3495	00 00 00 00 00 1.00 00 00 00 00 00 CAT/NCK	
3496	00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
3497	00 00 00 00 00 00 00 00 00 00 EGR	
3498	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	
3499	00 00 00 00 00 00 00 00 00 00 00 00 NCK	
3500	00 00 00 00 00 00 00 00 00 00 1 00 TNK	

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10/1 4	
3502 *** DIENNIAL - INSPECT CATALYST, FUEL INLET, CANISTER & PCV	
3503 * DILINIAL INSLOT CHURCH COLLECT, CAREAS ONLY)	
3505 0 43 0 44 0 43 0 44 EVAP/PC	1
3507 A A5 AA AA AA AA AA AA AA AA AA AA AA A	(PREVIOUS)
3507 00 0 57 00 0 36 00 00 00 00 00 00 AIR/NCK	<b>、</b>
3500 00 00 1 00 00 95 00 00 00 00 00 AIR/TNK	
3519 00 00 00 00 00 00 00 00 00 AIR/CAT/	/NCK
3510	TNK
3511	
512	
351/	(PREVIOUS)
	(111211000)
	/NCK
	TNK
3523 .00 .00 .00 .00 1.00 .00 .00 .00 .00 .0	
3524 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	
3525 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	
3526 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	
3527 .00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
3528 .00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 INK	
3529 0.05 .00 .00 .00 .00 .00 .00 .00 .00 .0	(SUBSEQUENT)
3530 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
3531 .00 .00 1.00 .00 0.95 .00 .00 .00 .00 .00 AIR/INK	4
3532 .00 .00 .00 0.05 .00 .00 .00 .00 .00 .0	NCK
3533 .00 .00 .00 .00 0.05 .00 .00 .00 .00 .0	TNK
3534 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	
3535 .00 .00 .00 .00 .00 .00 0.05 .00 .00 .	
3536 0.95 0.70 .00 0.70 .00 .00 .00 1.00 .00 .00 AIR	
3537	
3538	
3539 .00 .00 .00 .00 .00 0.95 .00 .00 1.00 TNK	
3540 1.00 .00 .00 .00 .00 .00 .00 .00 .00 .	(SUBSEQUENT)
3541 00 1.00 00 .00 .00 .00 .00 .00 .00 .00	
3542 00 00 1 00 00 00 00 00 00 00 00 EGR/TNK	
3543 00 00 1.00 .00 .00 .00 .00 .00 .00 .00	/NCK
3544	/TNK
3545 .00 .00 .00 .00 1.00 .00 .00 .00 .00 .0	
3546 .00 .00 .00 .00 .00 1.00 .00 .00 .00 CAT/TNK	
3547 00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3548 00 00 00 00 00 00 00 00 00 1.00 00 CAT	
3549 00 00 00 00 00 00 00 00 00 00 100 00 NCK	
3550 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

3551	4
3552	
3553	** BIENNIAL : INSPECT AIR PUMP, CATALYST, FUEL INLET, CANISTER & PCV
3554	•• (I/M AREAS ONLY)
3555	**
3556	0.43 0.44 0.43 0.44 EVAP/PCV
3557	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
3558	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/NCK
3559	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/TNK
3560	.00. 00. 00.05, 00. 00. 00, 00. 00, 00. 00, 00.00 AIR/CAT/NCK
3561	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
3562	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00
3563	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3564	0.25 .00 .00 .00 .00 .00 0.30 .00 .00 .00 AIR
3565	CAT 00. 00. 00. 00. 00. 00. 00. 00. 00. 00
3566	.00 0.37 .00 0.11 .00 0.36 .00 .00 .00 0.67 .00 NCK
3567	.00 .00 0.70 .00 0.70 .00 0.95 .00 .00 .00 1.00 TNK
3568	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3569	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
3570	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
3571	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
3572	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
3573	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
3574	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
3575	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00
3576	.00.00.00.00.00.00.00.00.00.00.00.00.00
3577	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
3578	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3579	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
3580	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/NCK
3581	.00 .00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 AIR/TNK
3582	.00 .00 .00 0.05 .00 .00 .00 .00 .00 .00
3583	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00
3584	.00 .00 .00 00 .00 0.05 .00 .00 .00 .00
3585	.00 .00 .00 .00 .00 <b>.00 .00 .00 .00</b> .00 CAT/TNK
3586	0.25 .00 .00 .00 00 .00 .00 0.30 .00 .00 .00
3587	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
3588	.00 .00 .00 .00 0.25 .00 .00 .00 0.30 .00 NCK
3589	.00 .00 0.70 .00 0 70 .00 0.95 .00 .00 .00 1.00 TNK
3590	1,00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3591	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
3592	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
3593	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
3594	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
3595	.00 .00 .00 .00 1.00 .00 .00 .00 .00 CAT/NCK
3596	
3597	.00 .00 .00 .00 .00 .00 1,00 .00 .00 EGR
3598	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
3599	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00
3600	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00

3602	**
3603	**
3604	** CHNG-OF-OWN : INSPECT AIR PUMP ONLY
3605	**
3606	1.00 1.00 1.00 1.00 EVAP/PCV
3607	0.66 .00 .00 .00 .00 .00 .00 .00 .00 .00
3608	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
3609	.00 .00 0.66 .00 .00 .00 .00 .00 .00 .00
3610	.00 .00 .00 0.66 .00 .00 .00 .00 .00 .00
3611	.00 .00 .00 .00 0.66 .00 .00 .00 .00 .00
3612	.00 .00 .00 0.34 .00 1.00 .00 .00 .00 .00 .00 CAT/NCK
3613	.00 .00 .00 .00 0.34 .00 1.00 .00 .00 .00 .00 CAT/TNK
3614	AIR 00. 00. 00. 00. 00. 00. 00. 00. 00. 00
3615	0.34 .00 .00 .00 .00 .00 .00 1.00 .00 .00 CAT
3616	.00 0.34 .00 .00 .00 .00 .00 .00 .00 1.00 .00 NCK
3617	.00 .00 0.34 .00 .00 .00 .00 .00 .00 1.00 TNK
3618	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3619	00 1 00 00 00 00 .00 .00 .00 .00 .00 EGR/NCK
3620	00 00 1 00 .00 .00 .00 .00 .00 .00 .00 EGR/TNK
3621	00 00 10 100 00 00 00 00 00 00 00 EGR/CAT/NCK
3622	00 00 00 100 00 00 00 00 00 00 EGR/CAT/TNK
3623	00 00 00 00 1 00 00 00 00 00 00 CAT/NCK
3624	99 99 99 99 99 99 199 99 99 99 99 CAT/TNK
3625	66 66 66 60 60 60 100 100 60 60 EGR
3626	00 00 00 00 00 00 00 00 00 00 00 00 00
3627	20 20 20 20 20 20 20 20 20 20 20 10 NCK
3629	
3620	3 3 4 4 4 5 5 5 5 6 7 6 7 6 7 6 7 6 7 6 ATR/CAT (SUBSEQUENT)
3629	
3630	
3630	
3632	
3633	
3634	
3635	
3030	
3637	
3638	
3639	
3640	
3641	
3642	
3643	
3644	
3645	
3646	00 00 00 00 00 00 00 00 00 00 00 00 00
3647	00 00 00 00 00 00 00 00 00 00 00 00 00
3648	
3649	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
3650	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00

3651	4				
3652	••				
3653	••				
3654	++ CHNC	G-OF-OWN : INSPECT	T CATALYST ONLY		
3655	••				
3656	1.00	1.00 1.00 1.00			EVAP/PCV
3657	0.54	.00.00.00.00	00.00.00.00	.00 .00 .00	AIR/CAT (PREVIOUS)
3658	.00 1	1.00 .00 0.46 .0	00.00.00.00	.00 .00 .00	AIR/NCK
3659	. 00	.00 1.00 .00 0.4	46 .00 .00 .00	.00 .00 .00	AIR/TNK
3660	. <b>0</b> 0	.00 .00 0.54 .0	00.00.00.00	.00 .00 .00	AIR/CAT/NCK
3661	. 00	.00 .00 .00 0.5	54 .00 .00 .00	.00 .00 .00	AIR/CAT/TNK
3662	. 00	.00.00.00.00	<b>00 0.54 .00 .00</b>	.00.00.00	CAT/NCK
3663	. 00	.00.00.00.00	30 .00 0.54 .00	.00.00.00	CAT/TNK
3664	0.46	.00.00.00.00	.00 .00 .00 .00	.00 .00 .00	AIR
3665	. 00	.00.00.00.00	00.00.00.00	0.54 .00 .00	CAT
3666	. 00	.00.00.00.00	<b>30 0.46 .00 .00</b>	.00 1.00 .00	NCK
3667	. 00	.00.00.00.00	00 .00 0.46 .00	.00 .00 1.00	TNK
3668	1.00	.00.00.00.00	00.00.000000	.00.00.00	EGR/CAT (PREVIOUS)
3669	. 00 1	1.00 .00 .00 .0	00.00.000.00	.00.00.00	EGR/NCK
3670	. 00	.001.00.00.0	00.00.00.00	.00.00.00	EGR/TNK
3671	. <b>0</b> 0	.00.001.00.0	00.00.00.00	.00.00.00	EGR/CAT/NCK
3672	. 00	.00 .00 .00 1.0	00.00.00	.00.00.00	EGR/CAT/TNK
3673	. 00	.00.00.00.00	00 1.00 .00 .00	.00.00.00	CAT/NCK
3674	. <b>0</b> 0	.00.00.00.00	00 .00 1.00 .00	.00.00.00	CAT/TNK
3675	. <b>0</b> 0	.00.00.00.00	<b>30</b> .00.001.00	.00 .00 .00	EGR
<b>36</b> 76	. 00	.00.00.00.00	<b>00.00</b> .00.00	1.00 .00 .00	CAT
3677	. 00	.00.00.00.00	00.00.00.00	.00 1.00 .00	NCK
3678	. 0 <b>0</b>	.00.00.00.00	00.00.00.00	.00 .0 <b>0 1.00</b>	TNK
3679	0.05	.00.00.00.00	00.00.00.00	.00.00.00	AIR/CAT (SUBSEQUENT)
368 <b>0</b>	. 00 1	1.00 .00 0.95 .0	00.00.000	.00 .00 .00	AIR/NCK
3681	. 00	.00 1.00 .00 0.9	95 .00 .00 .00	.00.0 <b>0</b> .00	AIR/TNK
3682	. <b>0</b> 0	.00 .00 0.05 .0	00.00 00.00	.00.0 <b>0</b> .00	AIR/CAT/NCK
3683	. <b>0</b> 0	.00 .00 .00 .00 .0	35 .00 .00 .00	.00.00.00	AIR/CAT/TNK
3684	. 00	.00.00.00.00	3 <b>0 0</b> .05 .00 .00	.00.00.00	CAT/NCK
3685	.00	.00.00.00.00	3 <b>0</b> .00 0.05 .00	.00.00.00	CAT/TNK
368 <b>6</b>	0.95	.00.00.00.00	30 .00 .00 1.00	.00 .00 .00	AIR
3687	. 00	.00.00.00.00	00.00.00.00	0.05 .00 .0 <b>0</b>	CAT
3688	. 00	.00.00.00.00	30 0.95 .00 .00	.00 1.00 .00	NCK
3689	. 00	.00.00.00.00	30 .0 <b>0</b> 0.95 .00	.00 .00 1. <b>0</b> 0	TNK
369 <b>0</b>	1.00	.00.00.00.00	00.00 00 00	.00.00.00	EGR/CAT (SUBSEQUENT)
3691	.00 1	1.00 .00 .00 .0	00.00.00.00	.00 .00 .00	EGR/NCK
3692	. <b>0</b> 0	.00 1.00 .00 .0	00.00.00.00	.00.00.00	EGR/TNK
3693	. 00	.00 .00 1.00 .0	00.00.00.00	.00 .00 .00	EGR/CAT/NCK
3694	. 00	.00 .00 . <b>00 1</b> .0	00.00.00.00	.00 .00 .00	EGR/CAT/TNK
3695	. 00	.00.00.00.00	00 1.00 .00 .00	.00 .00 .00	CAT/NCK
3696	.00	. 00 . 00 . 00 . 00 .	00 .00 1.00 .00	.00.00.00	CAT/INK
3697	.00	~.0 <b>0</b> .00.00.	0 <b>0 .</b> 00 . <b>0</b> 0 1.00	.00.00.00	EGR •
369 <b>8</b>	. 00	.00.00.00.00	00.00.00.00	1.00 .00 .00	CAT
3699	. 00	. 00. 00. <b>0</b> 0.	00.00.00	.00 1.00 .00	NCK
3700	. 00	.00.00.00.0	00.00.00.00	.00 .00 1.00	TNK

-

3702	**
3703	**
3704	** CHNG-OF-OWN : INSPECT AIR PUMP & CATALYST UNLY
3705	**
3706	1.00 1.00 1.00 1.00 EVAP/PCV
3707	0.54 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAI (PREVIOUS)
370 <b>8</b>	.00 0.66 .00 0.12 .00 .00 .00 .00 .00 .00 .00 AIR/NCK
3709	.00 .00 0.66 .00 0.12 .00 .00 .00 .00 .00 .00 AIR/INK
3710	.00 .00 .00 0.54 .00 .00 .00 .00 .00 .00 AIR/CAI/NCK
3711	.00 .00 .00 .00 0.54 .00 .00 .00 .00 .00 .00 AIR/CAI/INK
3712	.00 .00 .00 .00 .00 0.54 .00 .00 .00 .00 .00 CAT/NCK
3713	.00 .00 .00 .00 .00 .00 0.54 .00 .00 .00 .00 CAT/TNK
3714	0.12 .00 .00 .00 .00 .00 0.66 .00 .00 AIR
3715	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
3716	.00 0.34 .00 0.34 .00 0.46 .00 .00 .00 1.00 .00 NCK
3717	.00 .00 0.34 .00 0.34 .00 0.46 .00 .00 .00 1.00 TNK
3718	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3719	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
3720	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
3721	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
3722	00 00 00 00 1.00 00 00 00 00 00 EGR/CAT/TNK
3723	00 00 00 00 00 00 00 00 00 00 00 00 00
3724	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3725	00 00 00 00 00 00 00 1.00 00 00 00 EGR
3726	00 00 00 00 00 00 00 00 00 00 00 CAT
3727	00 00 00 00 00 00 00 00 100 00 NCK
3728	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
3729	0.05 00 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOUS)
3730	00 0 30 00 0 25 .00 .00 .00 .00 .00 .00 AIR/NCK
3731	00 00 0 30 00 0.25 00 00 00 00 00 00 AIR/TNK
3732	00 00 00 0.05 00 00 00 00 00 00 AIR/CAT/NCK
3733	00 00 00 00 0 05 00 00 00 00 00 00 AIR/CAT/TNK
3734	00 00 00 00 00 0.05 00 00 00 00 00 CAT/NCK
3735	40 40 40 40 40 00 0.05 00 .00 .00 CAT/TNK
3736	A 25 00 00 00 00 00 00 00 00 00 00 AIR
3737	0 00 00 00 00 00 00 00 00 00 00 CAT
3738	00 0 70 00 0 70 00 0 95 00 00 00 1 00 00 NCK
3730	20 00 0 70 00 0 70 00 0 95 00 00 00 1 00 TNK
3740	1 49 49 49 49 49 40 40 40 40 40 40 40 EGR/CAT (SUBSEQUENT)
3740	4 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK
3741	00 100 100 00 00 00 00 00 00 00 00 EGR/TNK
3742	A A A A A A A A A A A A A A A A A A A
3743	00 00 00 00 100 00 00 00 00 00 EGR/CAT/TNK
3744	AG AG AG AG AG 1 AG AG AG AG AG AG AG CAT/NCK
3743	
3/40	
3/4/	
3740	
3/49	
3/30	

3751	4	
3752	••	
3753	•• CHNG-OF-OWN : INSPECT CATALYST & FUEL INLET ONLY	
3754	•• (NON-I/M AREAS ONLY)	
3755	••	
375 <b>6</b>	1.00 1.00 1.00 1.00 EVAP/PCV	
3757	0.54 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)	
375 <b>8</b>	.00 0.92 .00 0.30 00 .00 .00 .00 .00 .00 AIR/NCK	
3759	.00 .00 1.00 .00 0.46 .00 .00 .00 .00 .00 AIR/TNK	
3760	.00 .00 .00 0.54 .00 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
3761	.00 .00 .00 .00 0.54 .00 .00 .00 .00 .00 AIR/CAT/TNK	
3762	.00 .00 .00 .00 .00 0.54 .00 .00 .00 .00 .00 CAT/NCK	
3763	.00 .00 .00 .00 .00 .00 0.54 .00 .00 .00 .00 CAT/TNK	
3764	0.46 0.08 .00 0.16 .00 .00 .00 1.00 .00 .00 .00 AIR	
3765	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3766	.00 .00 .00 .00 .00 0.30 .00 .00 .00 0.92 .00 NCK	
3767	.00 .00 .00 .00 .00 .00 0.46 .00 .00 1.00 TNK	
3768	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3769	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
3770	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
3771	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
3772	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
3773	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
3774	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
3775	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
3776	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3777	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3778	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	
3779	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	IT)
3780	.00 0.70 .00 0.65 .00 .00 .00 .00 .00 .00 AIR/NCK	
3781	.00 .00 1.00 .00 0.95 .00 00 .00 .00 .00 ALR/TNK	
3782	00 00 00 00 00 00 00 00 00 00 00 AIR/CAT/NCK	
3783	.00 .00 .00 .00 0.05 .00 .00 .00 .00 .00	
3784	.00 .00 .00 .00 .00 0.05 .00 .00 .00 .00	
3785	.00 .00 .00 .00 .00 .00 0.05 .00 .00 .00	
3786	0.95 0.30 .00 0.30 .00 .00 1.00 .00 00 00 AIR	
3787	.00 .00 .00 .00 .00 .00 .00 00 0.05 .00 .00	
3788 -	00 00 00 00 00 0.65 00 00 00 0 00 NCK	
3789	00 00 00 00 00 00 00 95 00 00 1.00 INK	ı <del></del> ۱
3790	1.00 .00 .00 .00 .00 .00 .00 .00 .00 EGR/CAT (SUBSEQUER	11)
3791	.00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/NCK	
3792	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
3793		
3794	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
3795	60 60 60 60 60 100 60 60 60 60 60 CAL/NUK	
3796	00 00 00 00 00 00 100 00 00 00 00 CAT/INK	•
3797		
3798		
3799		
3800	ANI 00.100.00.00.00.00.00.00.00.00.00.00	

3801 3802 3803 3804	4 ** ** CHN( **	30F0WN	I : INSPE (NOM	ECT AIR PUM N-I/M AREAS	P, CATALYST & ONLY)	FUEL INLET	ONLY
3003	1 00	1 00 1 0	0 1 00				EVAP/PCV
3000	0.54	00 1.0	0 1.00	aa aa	aa aa aa	00 00	AIR/CAT (PREVIOUS)
7909	0.54	0.00. 0 33 K	A A 12	.00 .00 AA AA	.00 .00 .00 .00 .00 .00	00 00	AIR/NCK
7800	.00	0.00 .0	6 00 0	a 12 00	.00 .00 .00 .00 .00 .00	00 00	AIR/TNK
7910	.00	.00 0.0	0 0 00 C	0.12 .00 00 00		00 00	AIR/CAT/NCK
7911	.00	00 .0	a aa a	3 54 00	.00 .00 .00 .00 .00	00 00	AIR/CAT/TNK
7812	.00	00 .0	a aa	0.04 .00 00 0 54	00 00 00 00 00 00	00 00	CAT/NCK
7917	.00	00 .0	0 00	.00 0.04 .00 .00 A	54 00 00	00 00	CAT/TNK
7914	A 12	00 .0	a aa	.00 .00 U	00 0 66 00	00 00	AIR
7915	0.12	.00 .0	a aa	.00 .00 AA AA	00 0.00 .00	00 00	CAT
7015	.00	.00.00.0	a a 26	00 .00 00 0 30	00 .00 0.04 00 00 00	0 92 .00	NCK
7817	.00 0	00 0 7	A 00.20	3 34 00 0	46 00 00	00 1 00	TNK
301/	1 00	.00 0.3	A 00 0	0.04 .00 0 00 00	00 .00 .00 00 00 00	00 1.00	FGR/CAT (PREVIOUS)
3010	1.00	.00.0	0 .00	.00 .00	. 00 . 00 . 00 . 00 . 00	.00 .00 00 00	FGR/NCK
3013	.00	00 10	0 .00	.00 .00 AA AA		00 00	FGR/TNK
3020	. 00	.00 1.0	0 1 00	00 .00		00 00	FGR/CAT/NCK
3021	.00	.00 .0	0 1.00	1 00 .00	.00 .00 .00 aa aa aa	00 00	FGR/CAT/TNK
3022	.00	.00 .0	0 .00	00 1 00	.00 .00 .00 aa aa aa	00 00	CAT/NCK
3023	.00	.00 .0	0 .00	00 1.00 00 00 1		00 00	CAT/TNK
7024	. 00	.00 .0	0 .00	00 .00 1	00 .00 .00 .00	00 .00	FGR
3023	.00	.00 .0	0 .00	.00 .00	00 1.00 .00 00 00 1 00	.00 .00 00 00	CAT
3020	.00	.00 .0	0 .00	.00 .00	00 .00 1.00 00 00 00	1 00 00	NCK
302/	.00	.00 .0	0 .00	.00 .00 00 00	.00 .00 .00 AA AA AA	00 1 00	TNK
3020	.00	.00.0	0 .00	.00 .00	.00 .00 .00 AA AA AA	00 1.00	AIR/CAT (PREVIOUS)
3029	0.05	.00.0	0 .00	.00 .00	00 .00 .00	.00 .00 00 00	AIR/NCK
2020	.00 6	0.30 .0	0 0.25	2 25 00	.00 .00 .00 00 00 00	.00 .00 AA AA	AIR/TNK
2820	.00	.00 0.3	0 0 0 0	0.23 .00	.00 .00 .00 00 00 00	00 00	AIR/CAT/NCK
3032	.00	.00 .0	0 0.05	.00 .00	00 .00 .00 00 00 00	00 00	AIR/CAT/TNK
3833	. 00	.00 .0	0 .00 0	0.05 .00	.00.00.00.00	.00 .00 .00 .00	
3834	. 00	.00 .0	00.00	.00 0.05	.00 .00 .00	.00 .00	
3835	.00	.00 .0	00.00	.00 .00 0	00 00 00 00 00	.00 .00 00 00	AIR
3838	0.25	.00 .0	00.00	.00 .00	00 0.30 .00 00 0.30 .00	00 .00	CAT
383/	.00	.00.0		.00 .00	.00 .00 0.05	a 7a - aa	NCK
3838	.00 6	0.40 .0	0 0.40	.00 0.05	05 00 .00	0.70 .00	
3839	.00	.00 0.7	0 .00 0	0.70 .00 0	.95 .00 .00	00 1.00	FOR/CAT (SUBSFOLIENT)
3840	1.00	.00.00	00.00	.00.00	.00.00.00	.00 .00	ECR/NCK (SODSEQUEIT)
3841	. 00	00 1 0	0 .00	.00.00	.00.00.00 .00 .00	00 00	FOR /TNK
3842	.00	.00 1.0	0 .00	.00 .00	.00 .00 .00 00 00 00	.00 .00 00 00	FOR /CAT /NCK
3843	. 00	.00 .0	0 1.00		.00 .00 .00 00 00 00	00 00	FOR /CAT / TNK
3844	.00	.00 .0	00.00	00 1 00	.00 .00 .00 00 00 00	.00 .00 00 00	
J04J	. 00	.00 .0	0 .00	AA AA 1		00 00	CAT/TNK
J040 7047	00	.ບບບ ``ດດີ‴ົດ	0 .00	.00 .00 I	00 100 .00 00 100 00	00 00	FGR
J04/ 7040	. 00	.00 .0	0 .00		00 1.00 .00 00 00 1 00	00 00	CAT
J040 7840	. 00	.00 .0	a aa	.00 .00 AA AA	00 .00 1.00 00 00 00	1 00 00	NCK
J049 7950	.00	.00.0	0 .00	.00 .00 00 00	00 00 00	00 1 00	TNK
2020	. 00	.00.0	00.00				

3852	**
3853	••
3854	•• CHNG-OF-OWN : INSPECT CATALYST & FUEL INLET (AND PLUMBTESMO)
3855	•••
3856	1 00 1 00 1 00 1 00 EVAP/PCV
3957	9 54 99 99 99 99 99 99 99 99 99 90 ALR/CAT (PREVIOUS)
3057	
3030	
2828	
3860	.00 .00 .00 0.34 .00 .00 .00 .00 .00 .00 ATR/CAT/NCA
3861	.00 .00 .00 00 0.54 .00 .00 .00 .00 .00 AIR/CAI/INK
3862	.00 .00 .00 .00 .00 0.54 .00 .00 .00 .00 .00 CAT/NCK
3863	.00 .00 .00 .00 .00 .00 0.54 .00 .00 .00 .00 CAT/TNK
3864	0.46 0.36 0.36 0.36 0.36 .00 .00 1.00 .00 .00 .00 AIR
3865	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
3866	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3867	.00 .00 .00 .00 .00 .00 .10 .00 .00 .00
3868	1 00 00 00 00 00 00 00 00 00 00 EGR/CAT (PREVIOUS)
3869	00 1 00 00 00 00 00 00 00 00 00 EGR/NCK
3970	60 60 100 60 60 60 60 60 60 60 FGR/TNK
3070	
3071	
38/2	
3873	
3874	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3875	.00 .00 .00 .00 .00 .00 1.00 .00 .00 EGR
3876	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3877	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3878	.00 .00 .00 .00 .00 .00 .00 .00 .00 I.00 TNK
3879	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00
3880	.00 0.15 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/NCK
3881	.00 .00 0.15 .00 0.10 .00 .00 .00 .00 .00 AIR/TNK
3882	00 00 00 0.05 00 00 00 00 00 00 AIR/CAT/NCK
3883	00 00 00 00 0.5 00 00 00 00 00 AIR/CAT/TNK
3984	20 00 00 00 00 00 00 00 00 00 CAT/NCK
1004	
3003	
3886	
3887	
3888	
3889	
3890	1.00 .00 .00 .00 .00 .00 .00 .00 .00 EGR/CAT (SUBSEQUENT)
3891	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
3892	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
3893	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
3894	.00 .00 .00 .00 1.00 .00 00 .00 .00 .00
3895	00 00 00 00 00 1 00 00 00 00 00 CAT/NCK
3896	_,00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
3897	<b></b>
3898	00 00 00 00 00 00 00 00 00 00 00 CAT
3899	00 00 00 00 00 00 00 00 1 00 NCK
30000	00 00 00 00 00 00 00 00 100 TNK
5500	

3901	4
3902	**
3903	**
3904	** CHNGOF-OWN : INSPECT AIR PUMP, CATALYST & FUEL INLET (AND PLUMBTESMO)
3905	**
3906	1.00 1.00 1.00 1.00 EVAP/PCV
3907	0.54 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0
3908	.00 0.64 .00 0.10 .00 .00 .00 .00 .00 .00 AIR/NCK
3909	.00 .00 0.64 .00 0.10 .00 .00 .00 .00 .00 AIR/TNK
3910	00 .00 .00 0.54 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK
3911	.00 .00 .00 .00 0.54 .00 .00 .00 .00 .00 AIR/CAT/TNK
3912	.00 .00 .00 .00 .00 0.54 .00 .00 .00 .00 .00 CAT/NCK
3913	.00 .00 .00 .00 .00 .00 0.54 .00 .00 .00 .00 CAT/TNK
3914	0.12 0.02 0.02 0.02 0.02 .00 .00 0.66 .00 .00 AIR
3915	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3916	.00 .00 .00 .00 0.10 .00 .00 .00 .64 .00 NCK
3917	.00 .00 .00 .00 .00 0.10 .00 .00 .00 0.64 TNK
3918	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
3919	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
3920	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
3921	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
3922	.00 .00 .00 1.00 .00 .00 .00 .00 .00 EGR/CAT/TNK
3923	.00 00 00 00 1 00 00 00 00 00 00 CAT/NCK
3924	00 00 00 00 00 00 1.00 00 00 00 00 CAT/TNK
3925	00 00 00 00 00 00 00 1 00 00 00 00 EGR
3926	00 00 00 00 00 00 00 00 00 00 00 00 00
3927	00 00 00 00 00 00 00 00 100 00 NCK
3928	00 00 00 00 00 00 00 00 00 1.00 TNK
3929	0 05 00 00 00 00 00 00 00 00 00 AIR/CAT (SUBSEQUENT)
3030	99 9 15 99 9 19 99 99 99 99 90 90 90 80 AIR/NCK
3931	00 00 0 15 00 0 10 00 00 00 00 00 00 AIR/TNK
3932	00 00 00 0 05 00 00 00 00 00 00 00 AIR/CAT/NCK
3932	00 00 00 00 00 00 00 00 00 00 00 AIR/CAT/TNK
3034	40 40 40 40 40 45 40 40 40 40 CAT/NCK
3035	
3036	a 25 a 15 a 15 a 15 a 15 a 15 a 16 a 0 a 0 a 30 a 00 a 00 AIR
3037	A A A A A A A A A A A A A A A A A A A
3937	
3930	
3939	1 ag ag ag ag ag ag ag ag ag ag ag ag ag
3940	
3941	
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3940	
394/	
3940	
3949	
3950	אחו סטיו סט. סט סט, סט סט, טט סט, טט, טע, טע, טע,

3 <b>952</b>		
3953	CHNG-OF-OWN : INSPECT CATALYST & FUEL INLET ONLY	
3954	(I/M AREAS ONLY)	
3955		
39 <b>56</b>	.00 1.00 1.00 EVAP/PCV	
3957	0.54 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS	)
3958	.00 0.84 .00 0.18 .00 .00 .00 .00 .00 .00 AIR/NCK	
3959	.00 .00 1.00 .00 0.46 .00 .00 .00 .00 .00 AIR/TNK	
3960	.00 .00 .00 0.54 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
3961	.00 .00 .00 .00 0.54 .00 .00 .00 .00 .00 AIR/CAT/TNK	
3962	.00 .00 .00 .00 .00 .54 .00 .00 .00 .00 .00 CAT/NCK	
3963	00 00 00 00 00 00 00 0.54 00 00 00 00 CAT/TNK	
3964	45 0 16 00 0 28 .00 .00 .00 1.00 .00 .00 .00 AIR	
3965	00 00 00 00 00 00 00 00 00 0.54 .00 .00 CAT	
3966	00 00 00 00 00 0.18 00 00 00 0.84 .00 NCK	
3967	00 00 00 00 00 00 0.45 00 00 .00 1 00 TNK	
3968	00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (PREVIOUS	)
3969	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK	
3070	00 00 1 00 00 00 00 00 00 00 00 EGR/TNK	
3970	00 00 100 100 00 00 00 00 00 00 EGR/CAT/NCK	
3077	20 00 00 100 100 00 00 00 00 00 00 FGR/CAT/TNK	
3972		
3973		
J9/ <del>4</del> 7075		
3973		
39/0		
39//		
3978	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	NT )
39/9		,
3980	.00 0.30 .00 0.25 .00 .00 .00 .00 .00 .00 .00 ATK/NCK	
3981	.00 .00 1.00 .00 .95 .00 .00 .00 .00 .00 .00 .10 .00	
3982	.00 .00 .00 .05 .00 .00 .00 .00 .00 .00	
3983	.00 .00 00 .00 .05 .00 .00 .00 .00 .00 AIR/CAI/INK	
3984	.00 .00 .00 .00 .00 .05 .00 .00 .00 .00	
3985	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3986	95 0.70 .00 0.70 .00 .00 .00 1.00 .00 .00 AIR	
3987	.00 .00 .00 .00 .00 .00 .00 .05 .00 .00	
3988	.00 .00 .00 .00 00 0.25 .00 .00 .00 0.30 .00 NCK	
3989	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 INK	
399 <b>0</b>	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	NI)
39 <b>9</b> 1	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
3 <b>9</b> 92	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
3993	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
3994	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
3995	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
39 <b>96</b>	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
3997	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3998	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
3999	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
4000	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

4

4002	••
4003	** CHNG-OF-OWN : INSPECT AIR PUMP, CATALYST & FUEL INLET ONLY
4004	** (I/M AREAS ONLY)
4005	••
4006	1.00 1.00 1.00 EVAP/PCV
4007	0.54 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)
4008	.00 0.66 .00 0.12 .00 .00 .00 .00 .00 .00 AIR/NCK
4009	.00 .00 0.66 .00 0.12 .00 .00 .00 .00 .00 .00 AIR/TNK
4010	.00 .00 .00 0.54 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK
4011	.00 .00 .00 .00 0.54 .00 .00 .00 .00 .00 AIR/CAT/TNK
4012	.00 .00 .00 .00 .00 0.54 .00 .00 .00 .00 CAT/NCK
4013	.00 .00 .00 .00 .00 .00 .00 .54 .00 .00 .00 .00 CAT/TNK
4014	0.12 .00 .00 .00 .00 .00 .00 .00 .00 AIR
4015	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4016	.00 0.18 .00 0.06 .00 0.18 .00 .00 .00 .84 .00 NCK
4017	.00 .00 0.34 .00 0.34 .00 0.46 .00 .00 .00 1.00 TNK
4018	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4019	00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
4020	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
4021	00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
4022	00 00 00 00 1.00 00 00 00 00 00 EGR/CAT/TNK
4023	00 00 00 00 00 1.00 00 00 00 00 CAT/NCK
4024	00 00 00 00 00 00 100 00 00 00 00 CAT/TNK
4025	00 00 00 00 00 00 00 1 00 00 00 00 EGR
4025	00 00 00 00 00 00 00 00 00 00 CAT
4027	00 00 00 00 00 00 00 00 100 00 NCK
4028	00 00 00 00 00 00 00 00 00 1.00 TNK
4029	0 05 00 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOUS)
4030	00 0 30 00 0 25 00 00 00 00 00 00 00 AIR/NCK
4031	00 00 0 30 00 0.25 00 00 00 00 00 00 AIR/TNK
4032	00 00 00 0.05 00 00 00 00 00 00 AIR/CAT/NCK
4032	00 00 00 00 0 00 00 00 00 00 00 AIR/CAT/TNK
4034	00 00 00 00 00 0 05 00 00 00 00 00 CAT/NCK
4035	00 00 00 00 00 00 00 00 00 00 00 CAT/TNK
4035	A 25 AA AA AA AA AA AA AA AA AA AA AA AA AA
4037	0 00 00 00 00 00 00 00 00 00 00 05 00 00
4038	60 00 00 00 00 00 00 00 00 00 00 NCK
4030	60 60 70 60 6 70 60 95 60 60 100 100 TNK
4039	1 00 00 00 00 00 00 00 00 00 00 FGR/CAT (SUBSEQUEN
4040	1 00 1 00 00 00 00 00 00 00 00 EGR/NCK
4041	60 00 100 00 00 00 00 00 00 00 00 EGR/TNK
4042	00 00 100 100 00 00 00 00 00 00 00 EGR/CAT/NCK
4043	20 00 00 100 00 00 00 00 00 00 FGR/CAT/TNK
4044	
4045	20 20 20 20 20 100 100 100 20 20 20 20 20 20 20 20 20 20 20 20 2
4040	
404/	AA AA AA AA AA AA AA AA AA AA AA AA AA
4040	
4043	
4000	

4052		
4053		
4054	177 AUDIT : INSPECT AIR PUMP ONLY	
4055		
4056	.00 1.00 1.00 EVAP/PCV	
4057	.97 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)	
4058	.00 0.97 .00 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
4059	.00 .00 0.97 .00 .00 .00 .00 .00 .00 .00 AIR/TNK	
4060	.00 .00 .00 0.97 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
4061	.00 .00 .00 .00 0.97 .00 .00 .00 .00 .00 AIR/CAT/TNK	
4062	.00 .00 .00 0.03 .00 1.00 .00 .00 .00 .00 .00 CAT/NCK	
4063	.00 .00 .00 .00 0.03 .00 1.00 .00 .00 .00 .00 CAT/TNK	
4064	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4065	.03 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4066	.00 0.03 .00 .00 .00 .00 .00 .00 1.00 .00 NCK	
4067	.00 .00 0.03 .00 .00 .00 .00 .00 .00 1.00 TNK	
4068	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4069	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
4070	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
4071	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
4072	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
4073	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4074	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
4075	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
4076	.00.00.00.00.00.00.00.00.00.00.00.00.00	
4077	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
4078	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	
4079	82 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (SUBSEQUEN	IT)
4080	00 0.82 .00 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
4081	00 00 0.82 00 .00 .00 .00 .00 .00 .00 AIR/TNK	
4082	00 00 00 0.82 00 00 00 00 00 00 AIR/CAT/NCK	
4083	00 .00 .00 0.0.82 00 .00 .00 .00 .00 AIR/CAT/TNK	
4084	00 .00 .00 0.18 .00 1.00 .00 .00 .00 .00 CAT/NCK	
4085	00 .00 .00 .00 0.18 .00 1.00 .00 .00 .00 .00 CAT/TNK	
4086	00 00 00 00 00 00 00 00 00 00 AIR	
4087	.18 .00 .00 .00 .00 .00 .00 .00 .00 .00 CAT	
4088	.00 0.18 .00 .00 .00 .00 .00 .00 1.00 .00 NCK	
4089	00 .00 0.18 .00 .00 .00 .00 .00 .00 1.00 TNK	
4090	00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUEN	IT)
4091	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
4092	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
4093	00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
4094	.00 .00 .00 1.00 00 .00 .00 .00 .00 EGR/CAT/TNK	
4095	00 00 00 00 100 00 00 00 00 CAT/NCK	
4096	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4097		
4098	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0	
4099	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK	
4100	.00 .00 .00 .00 .00 .00 .00 .00 .00 TNK	

4101	
4102	•
4103	*
4104	* 1% AUDIT : INSPECT CATALYST ONLY
4105	*
4106	1.00 1.00 1.00 EVAP/PCV
4107	0.96 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)
4108	.00 1.00 .00 0.04 .00 .00 .00 .00 .00 .00 AIR/NCK
4109	.00 .00 1.00 .00 0.04 .00 .00 .00 .00 .00 AIR/TNK
4110	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
4111	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
4112	00 00 00 00 00 00 00 00 00 00 00 00 00
4113	00 00 00 00 00 00 00 00 00 00 00 CAT/TNK
4114	0 04 00 00 00 00 00 00 1.00 00 00 AIR
4115	00 00 00 00 00 00 00 00 00 00 00 00 00
4116	00 00 00 00 00 0.04 00 00 00 1 00 00 NCK
4117	00 00 00 00 00 00 0.04 00 .00 .00 1.00 TNK
4118	1 00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (PREVIOUS)
4110	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK
4120	20 00 100 00 00 00 00 00 00 00 00 EGR/TNK
4121	00 00 100 100 00 00 00 00 00 00 00 EGR/CAT/NCK
4127	00 00 00 100 00 00 00 00 00 00 EGR/CAT/TNK
4123	20 00 00 00 100 100 00 00 00 00 CAT/NCK
4124	20 00 00 00 00 100 00 00 00 00 CAT/TNK
4127	20 20 20 20 20 20 20 20 20 20 20 20 20 2
4126	20 00 00 00 00 00 00 00 100 00 00 CAT
4120	
4127	
4120	275 00 00 100 100 100 100 100 100 100 100
4125	
4130	
4131	
4132	
4133	
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4138	
4139	.00 .00 .00 .00 .00 .00 0.24 .00 .00 .00 .00 .00 .00 .00
4140	
4141	
4142	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
4143	
4144	00 00 00 100 00 00 00 00 00 00 00 00 00
4145	
4146	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
4147	-00-00-00 00 00 00 00 00 00 00 00 CAT
4148	
4149	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0
4150	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00

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4151	4	
4152	••	
4153	**	
4154	** 1% AUDIT : INSPECT AIR PUMP & CATALYST ONLY	
4155	<b>**</b>	
4156	1.00 1.00 1.00 1.00 EVAP/PCV	
4157	0.96 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOU	is)
4158	.00 0.97 .00 0.01 .00 .00 .00 .00 .00 .00 AIR/NCK	
4159	.00 .00 0.97 .00 0.01 .00 .00 .00 .00 .00 AIR/TNK	
4160	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	
4161	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4162	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4163	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4164	0.01 .00 .00 .00 .00 .00 .00 0.97 .00 .00 .00 AIR	
4165	CAT 00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
4166	.00 0.03 .00 0.03 .00 0.04 .00 .00 .00 1.00 .00 NCK	
4167	.00 .00 0.03 .00 0.03 .00 0.04 .00 .00 .00 1.00 TNK	
4168	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	IS)
4169	00 1 00 00 .00 .00 .00 .00 .00 .00 .00 EGR/NCK	
4170	00 00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/TNK	
4171	00 00 1.00 00 .00 .00 .00 .00 .00 EGR/CAT/NCK	
4172	00 00 00 100 00 .00 .00 .00 .00 .00 EGR/CAT/TNK	
4173	00 00 00 00 00 00 00 00 00 00 00 00 00	
4174	00 00 00 00 00 1.00 00 00 00 00 CAT/TNK	
4175	00 00 00 00 00 00 1.00 .00 00 .00 EGR	
4176	00 00 00 00 00 00 00 00 00 00 CAT	
4177	00 00 00 00 00 00 00 00 00 00 NCK	
4178	00 00 00 00 00 00 00 00 00 100 TNK	
4179	0 75 00 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOU	JS)
4180	00 0 82 00 0 06 00 00 00 00 00 00 AIR/NCK	•
4181	00 00 0 82 00 0 06 00 00 00 00 00 AIR/TNK	
4182	00 00 0 076 00 00 00 00 00 00 00 AIR/CAT/NCK	
4183	00 00 00 00 0.75 00 00 00 00 00 00 AIR/CAT/TNK	
4184	00 00 00 00 00 076 00 00 00 00 00 CAT/NCK	
4185	00 00 00 00 00 00 076 00 00 00 00 CAT/TNK	
4186	a as an an an an an an an a b an an an an an an	
4187	00 00 00 00 00 00 00 00 00 00 00 CAT	
4188	00 0 18 00 0 18 00 0 24 00 00 00 1.00 00 NCK	
4189	00 0 0 18 00 0 18 00 0 24 00 00 00 1.00 TNK	
4103	1 00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQU	JENT)
4190	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK	-
4191	00 00 1 00 00 00 00 00 00 00 00 EGR/TNK	
4192	00 00 100 00 00 00 00 00 00 EGR/CAT/NCK	
4195	00 00 00 1 00 00 00 00 00 00 EGR/CAT/TNK	
4195	00 00 00 00 1 00 00 00 00 00 CAT/NCK	
4195	_ 00 00 00 00 00 100 00 00 00 00 CAT/TNK	
4190	00 00 00 00 00 00 00 100 00 00 00 EGR	
4157	20 20 20 20 20 00 00 00 00 100 00 00 CAT	
4130	22 22 22 22 22 22 22 22 22 22 22 22 22	
4133		
4200		

4201		
4202		
4203	17 AUDIT : INSPECT CATALYST & FUEL INLET ONLY	
4204	(NON-I/M AREAS ONLY)	
4205		
4206	.00 1.00 1.00 EVAP/PCV	
4207	.96 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVI	OUS)
4208	.00 0.99 .00 0.03 .00 .00 .00 .00 .00 .00 AIR/NCK	
4209	.00 .00 1.00 .00 0.04 .00 .00 .00 .00 .00 AIR/TNK	
4210	00 00 .00 0.96 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
4211	.00 .00 .00 .00 .96 .00 .00 .00 .00 .00 AIR/CAT/TNK	
4212	00 00 00 00 00 00 00 00 00 00 00 00 00	
4213	00 00 00 00 00 00 00 0.96 00 00 00 CAT/TNK	
4214	.04 0.01 .00 0.01 .00 .00 .00 1.00 .00 .00	
4215	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	
4216	.00 .00 .00 .00 .00 0.03 .00 .00 .00 0.99 .00 NCK	
4217	00 00 00 00 00 00 00 0.04 00 00 00 1.00 TNK	
4218	00 00 00 00 00 00 00 00 00 00 EGR/CAT (PREVIO	OUS)
4219	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK	
4220	00 00 1 00 00 00 00 00 00 00 00 EGR/TNK	
4221	00 00 00 1 00 00 00 00 00 00 00 EGR/CAT/NCK	
4222	00 00 00 100 00 00 00 00 00 00 EGR/CAT/TNK	•
4223	00 00 00 00 00 1 00 00 00 00 00 CAT/NCK	
4224	00 00 00 00 00 00 1.00 00 00 00 00 CAT/TNK	
4225	00 00 00 00 00 00 00 1 00 00 00 00 EGR	
4226	00 00 00 00 00 00 00 00 1.00 .00 CAT	
4220	00 00 00 00 00 00 00 00 00 1.00 00 NCK	
4227	90 00 00 00 00 00 00 00 00 1.00 TNK	
4220	76 00 00 00 00 00 00 00 00 00 00 AIR/CAT (SUBSE	QUENT)
4230	00 0 92 00 0 16 00 00 00 00 00 00 AIR/NCK	
4231	00 00 1 00 00 0.24 00 .00 .00 00 .00 00 AIR/TNK	
4232	00 00 00 0.76 00 00 00 00 00 00 AIR/CAT/NCK	
4233	00 00 00 00 0.75 00 00 00 00 00 AIR/CAT/TNK	
4234	00 00 00 00 00 0 76 00 00 00 00 00 CAT/NCK	
4235	00 00 00 00 00 00 075 00 00 00 CAT/TNK	
4236	24 9 08 99 9 08 00 90 00 1 00 00 00 00 AIR	
4237	AA 00 00 00 00 00 00 00 0.76 .00 .00 CAT	
4238	00 00 00 00 00 0 16 00 00 00 0.92 00 NCK	
4230	00 00 00 00 00 00 024 00 00 00 1.00 TNK	
4240	00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSE	QUENT)
4240	00 1 00 00 00 00 00 00 00 00 00 EGR/NCK	
4242	00 00 100 00 00 00 00 00 00 00 00 EGR/TNK	
4242	00 00 00 1 00 00 00 00 00 00 00 EGR/CAT/NCK	
4245	00 00 00 100 00 00 00 00 00 00 EGR/CAT/TNK	
4244	00 00 00 00 100 00 00 00 00 00 CAT/NCK	
4246	00 00 00 00 00 100 00 00 00 CAT/TNK	
4247	00 00 00 00 00 00 00 1 00 00 00 00 EGR	
4248	00 00 00 00 00 00 00 100 00 CAT	
4249	00 00 00 00 00 00 00 00 1 00 00 NCK	
4250	00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

4251	4		
4252		DUND CATALYST & EUCL INLET ON	<b>v</b>
4253	** 1% AUDIT : INSPECT AIR	ADEAS ONLY)	. 1
4254	** (NUN-1/M	AREAS UNLT)	
4255	**		EVAP /PCV
4200		00 00 00 00 00 00	AIR/CAT (PREVIOUS)
4207			AIR/NCK
4200		00 00 00 00 00 00 00	AIR/TNK
4259		00 00 00 00 00 00 00	ATR/CAT/NCK
4200		00 00 00 00 00 00 00	AIR/CAT/TNK
4201		A 95 AA AA AA AA AA AA	CAT/NCK
4202	00.00.00.00.00.00		CAT/TNK
4203		00 0.30 .00 .00 .00 .00	AIR
4265	0.01 .00 .00 .00 .00	00 00 00 00 00 00 00	CAT
4200	00 .00 .00 .00 .00 .00	A A 3 AA AA AA AA 99 AA	NCK
4267		0 0 0 04 00 00 00 1 00	TNK
4207		00 00 00 00 00 00	EGR/CAT (PREVIOUS)
4260		AA AA AA AA AA AA AA	FGR/NCK
4203	00 1.00 .00 .00 .00	<u>00 00 00 00 00 00</u>	FGR/TNK
4270	00 00 100 00 00 00	AA AA AA AA AA AA AA	EGR/CAT/NCK
4272	00 00 00 00 00 00	00 00 00 00 00 00	EGR/CAT/TNK
4273	00 00 00 00 00 00	1 00 00 00 00 00 00	CAT/NCK
4275	AA AA AA AA AA	<u>00 1 00 00 00 00 00</u>	CAT/TNK
4275	00 00 00 00 00 00	00 00 1 00 00 00 00	EGR
4276	00 00 00 00 00 00	00 .00 .00 1.00 .00 .00	CAT
4277	<u>0</u> 0 00 00 00 00	00 00 00 00 1.00 00	NCK
4278	00 00 00 00 00	00 00 00 00 00 1.00	TNK
4279	0 76 00 00 00 00	00, 00, 00, 00, 00, 00	AIR/CAT (PREVIOUS)
4280	.00 0.82 .00 0.06 .00	00. 00. 00. 00. 00. 00.	AIR/NCK
4281	00 00 0.82 00 0.06	00.00.00.00.00.00.00	AIR/TNK
4282	00 00 00 0.76 .00	00.00.00 00.00.00	AIR/CAT/NCK
4283	.00 .00 .00 .00 0.76	0 <b>0. 00</b> . 00. 00 <b>. 00. 0</b> 0.	AIR/CAT/TNK
4284	00.00.00.00.00.00	0.76 .00 .00 .00 .00 .00	CAT/NCK
4285	.00 .00 .00 .00 00	.00 0.76 .00 .00 .00 .00	CAT/TNK
4286	0.06.00.00.00.00	.00 .00 0.82 .00 .00 .00	AIR
4287	00. 00. 00. 00. 00.	.00 .00 .00 0.76 .00 . <b>0</b> 0	CAT
4288	.00 0.10 .00 0.10 .00	0.16 .00 .00 00 0.92 .00	NCK
4289	.00 .00 0.18 .00 0.18	.00 0.24 .00 .00 .00 1.00	TNK
4290	1.00 .00 .00 .00 .00	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0	EGR/CAT (SUBSEQUENT)
4291	.00 1.00 .00 .00 .00	.00.00.00.00.00.00	EGR/NCK
4292	.00 .00 1.00 .00 .00	.00.00.00.00.00.00	EGR/TNK
4293	.00 .00 .00 .00 .00 .00	00. 00. 00. 00. <b>0</b> 0. 00.	EGR/CAT/NCK
4294	.00 .0 <b>0 .00 .</b> 00 1.00	00.00.00.00.00.00.00.	EGR/CAT/TNK
4295	.00 .00 .00 .00 .00	1.00 .00 .00 .00 .00 .00	CAT/NCK
4296	<u>. 00</u> . 00 . 00 . 00 . 00	.00 1.00 .00 .00 .00 .00	CAT/INK .
4297	.00.00.00.00.00.00	.00 .00 1.00 .00 .00 .00	EGR
4298	.00.00.00.00.00.	.00 .00 .00 1.00 .00 .00	
4299	.00 .00 .00 .00 .00	.00 .00 .00 .00 1.00 .00	NCK
4300	<b>00</b> . <b>0</b> 0. 00. 00. 00.	.00 .00 .00 .00 .00 .00 1.00	TNK

4301	A
4301	
4302	
4303	AN 17 AUDIT - INSPECT CATALYST & FUEL INLET (AND PLIMETESMO)
4304	A ADDIT . INSECT ON ALIST & FOLL THEE, (ADD FLOWER LAWRY
4305	
4300	0 05 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOUS)
4307	
4308	
4310	
4310	
4312	20 20 20 20 20 20 20 20 20 20 20 20 20 2
4312	
4313	
4314	
4315	
4310	
4317	1 00 00 00 00 00 00 00 00 00 00 00 00 00
4310	
4319	
4320	
4321	
4322	
4323	
4324	
4323	
4320	
4327	
4320	0.75 00 00 00 00 00 00 00 00 00 00 00 ATR/CAT (SUBSEQUENT)
4329	
4330	
4332	
4332	
4333	
4334	20 20 20 20 20 20 20 20 20 20 20 20 20 2
4333	
4330	0 2 4 0 2 1 0 2 1 0 2 1 0 0 1 0 0 0 0 0 0 0 0
4337	
4330	
4339	1 00 00 00 00 00 00 00 00 00 00 FGR/CAT (SUBSEQUENT)
4340	40 1 00 00 00 00 00 00 00 00 00 00 00 00
4342	20 20 100 00 00 00 00 00 00 00 00 EGR/TNK
4342	00 00 100 100 00 00 00 00 00 00 00 EGR/CAT/NCK
4343	00 00 00 100 00 00 00 00 00 EGR/CAT/TNK
4345	00 00 00 00 1 00 00 00 00 00 CAT/NCK
4346	- A0 A0 A0 A0 A0 A0 1.00 .00 A0 A0 A0 CAT/TNK
4340	00 00 00 00 00 00 00 1.00 00 00 00 EGR
4348	00 00 00 00 00 00 00 00 100 00 CAT
4349	00 00 00 00 00 00 00 00 00 100 NCK
4350	20 20 20 20 00 00 00 00 00 00 00 100 TNK
4000	

4351	4			
4352	**			
4353	**			
4354	** 1% AUDIT : INSPECT AI	R PUMP, CATALYS	T& FUEL INLET (A	ND PLUMBTESMO)
4355	**			
4356	1.00 1.00 1.00 1.00			EVAP/PCV
4357	0.96 .00 .00 .00 .0	0. 00. 00. 0	00.00.00.00	AIR/CAI (PREVIOUS)
4358	.00 0.97 .00 0.01 .0	0.00.00.00	00.00.00.00	AIR/NCK
4359	.00 .00 0.97 .00 0.0	0 .00 .00 .00	00.00.00	AIR/INK
4360	.00 .00 .00 0.96 .0	0. 00. 00. 00	00.00.00.00	AIR/CAI/NCK
4361	.00 .00 .00 .00 .00	6 .00 .00 .00	00.00.00.00	AIR/CAI/INK
4362	.00 .00 .00 .00 .00	0 0.96 .00 .00	00.00.00.00	CAT/NCK
4363	.00.00.00.00.	00 .00 0.96 .00	00.00.00.00	CAT/INK
4364	0.01 .00 .00 .00 .0	00.00.00.9	/ .00 .00 .00	AIR
436 <b>5</b>	.00.00.00.00.	0. 00. 00. 00	0.96 .00 .00	
436 <b>6</b>	.00.00.00.00.	0 0.01 .00 .00	00 0.9/ .00	NCK
4367	. 00 . 00 . 00 . 00 . 00 .	00 0.00 0.01 .00	00 .00 0.9/	
4368	1.00.00.00.00.00	0.00.00.00	00.00.00.00	EGR/CAI (PREVIOUS)
4369	.00 1.00 .00 .00 .0	0. 00. 00. 00	00.00.00	EGR/NCK
4370	.00 .00 1.00 .00 .0	0.00.00.00	00.00.00.00	EGR/INK
4371	.00 .00 .00 1.00 .0	0.00.00.00	00.00.00.00	EGR/CAT/NCK
4372	.00 .00 .00 .00 1.0	0.00.00.00	00.00.00.00	EGR/CAT/INK
4373	. 00. 00. 00. 00.	0 1.00 .00 .00	00.00.00.00	CAT/NUK
4374	.00.00.00.00.00.	00 .00 1.00 .00	.00.00.00	CAT/INK
4375	. 00. 00. 00. 00.	00.00.001.00	00.00.00.00	EGR
4376	.00.00.00.00.	0.00.00.00	0 1.00 .00 .00	
4377	.00.00.00.00.00.	0.00.00.00	0 .00 1.00 .00	NCK
4378	. 00 . 00 . 00 . 00 .	0.00.00.00	0.00.001.00	INK ALD (CAT (CURSEDUENT)
4379	0.76 .00 .00 .00 .0	0.00.00.00	00.00.00	AIR/CAI (SUBSEQUENT)
4380	.00 0.79 .00 0.03 .0	00.00.00.00	00.00.00	AIR/NCK
4381	.00 .00 0.79 .00 0.0			
4382	.00 .00 .00 0.76 .0	0. 00. 00. 0	00.00.00.00	AIR/CAI/NCK
4383	.00 .00 .00 .00 .00 .	0.00.00.0	.00.00.00	AIR/CAI/INK
4384	.00.00.00.00.00	0 0.76 .00 .00		
4385	. 00. 00. 00. 00.	.000.76.00		
4386	0.06 0.03 0.03 0.03 0.0	03 .00 .00 0.8		
4387	.00.00.00.00.00.			
4388	. 00. 00. 00. 00.			TNK
4389				COD CAT (SUBSEQUENT)
4390		10.00,00.01	00.00.00.00	EGR/CAT (SOUSCOOLIT)
4391				
4392				
4393				FOR /CAT /TNK
4394		00.00.00.00	a aa aa aa	CAT/NCK
4395		0. 00. 00. 0	00.00.00.00 0 00 00 00-	CAT/TNK
4396		00 00 1.00 .01 00 00 1.01	a aa aa aa	FGR
439/		0. 00 .00 .00	0 .00 .00 .00 0 1 00 00 00	CAT
4398		0. 00. 00, 01	0 1.00 .00 .00 0 00 1 00 00	NCK
4399		0. 00. 00. 0	0 .00 I.00 .00	TNK
4400	.00.00.00.00.00	0. 00 00. 01	00.100.00.00	

4401	4			
4402	**			
4403	** 1%	AUDIT : INSPECT CATALYST & FUEL INLET ONLY		
4404	* *	(I/M AREAS ONLY)		
4405	**			
4406	1.00	1.00 1.00 1.00		
4407	0.96	00. 00. 00. 00. 00. 00. 00. 00. 00.	.00 AIR/CAT (PREVIOUS)	
4408	. 00	0.99 .00 0.02 .00 .00 .00 .00 .00 .00		
4409	. 00	.00 1.00 .00 0.04 .00 .00 .00 .00 .00	.00 AIR/INK	
4410	.00	.00 .00 0.95 .00 .00 .00 .00 .00 .00	.00 AIR/CAT/NUK	
4411	. 00	00, 00, 00, 00, 00, 00, 00, 00, 00, 00,	.00 AIR/CAI/INK	
4412	. 00	.00.00.00.00.00.00.00.00.00.00.00.00.		
4413	. 00	.00 .00 .00 .00 .00 0.96 .00 .00 .00	.00 CAT/INK	
4414	0.04	0.01 .00 0.02 .00 .00 .00 1.00 .00 .00	.00 AIR AQ CAT	
4415	. 00	00 00 00 00 00 00 00 00 00 00 00	.00 CAT	
4416	.00	.00.00.00.00.00.00.00.00.00.00.00.00.00	1 00 NUN	
441/	.00	.00.00.00.00.00.00.00.00.00.00.00	AA ECD (CAT (DES)/IOUS)	
4418	1.00	00, 00, 00, 00, 00, 00, 00, 00, 00, 00,	AA ECR/CAT (FREVIOUS)	
4419	. 00		AA FOR/NUK	
4420	. 00		AA COD / CAT / NCK	
4421	. 00		AA FOR/CAT/INCK	
4422	.00		AA CAT /NCK	
4423	. 00			
4424	. 66		00 CAT/THE	
4420	. 00		00 CAT	
4420	. 00		AA NCK	
442/	.00		1 00 NCN	
4420	.00	00, 00, 00, 00, 00, 00, 00, 00, 00, 00,	AA ATR/CAT (SUBSECHENT	5
4429	0.70	00, 00, 00, 00, 00, 00, 00, 00, 00, 00,	ag AIR/NCK (SUBSEQUEIT)	'
44.50	. 00		00 ATR/TNK	
4431	. 00		AA AIR/CAT/NCK	
4432	.00		A AIR/CAT/TNK	
4400	.00		AA CAT/NCK	
4434	.00		00 CAT/INK	
4433	0.00	A 19 AA A 18 AA AA AA AA AA AA AA	00 ATR	
4430	0.24	0.18 .00 0.18 .00 .00 00 1.00 00 .00	00 CAT	
4437	00	00 00 00 00 00 00 00 00 00 00 00 00 00	AA NCK	
4430	.00	00 00 00 00 00 00 00 00 00 00 00 00 00	1 00 TNK	
44.39	1 00	00 00 00 00 00 00 00 00 00 00 00 00	00 FGR/CAT (SUBSEQUENT	٦.
4440	1.00		00 FGR/NCK	1
4441	. 00	AA 1 AA AA AA AA AA AA AA AA AA	00 FGR/TNK	
4442	.00	aa aa 1 aa aa aa aa aa <b>aa aa</b> aa aa	00 EGR/CAT/NCK	
4444	.00	AA AA AA 1 AA AA A <b>A AA AA</b> AA AA AA	.00 EGR/CAT/TNK	
4445	. 00	00 00 00 00 1.00 00 00 00 00	.00 CAT/NCK	
4446	- 00	00 00 00 00 00 1 00 00 00 00	.00 CAT/TNK	
4447	99	00 00 00 00 00 00 100 00 00	.00 EGR *	)
4448	. 00	00 00 00 00 00 00 00 1.00 00	.00 CAT	
4449	.00	00 00 00 00 00 00 00 00 00 100	.00 NCK	
4450	.00	00 00 00 00 00 00 00 00 00	1.00 TNK	

4451	4
4452	**
4453	** 1% AUDIT : INSPECT AIR PUMP, CATALYST & FUEL INLET ONLY
4454	•• (I/M AREAS ONLY)
4455	••
4456	1.00 1.00 1.00 EVAP/PCV
4457	0.95 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)
4458	.00 0.97 .00 0.01 .00 .00 .00 .00 .00 .00 AIR/NCK
4459	.00 .00 .97 .00 .01 .00 .00 .00 .00 .00 AIR/TNK
4460	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
4461	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
4462	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4463	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4464	0.01 .00 .00 .00 .00 .00 .00 .00 .00 .00
4465	AT 00. 00. 00. 00. 00. 00. 00. 00. 00. 00
4466	.00 0.02 .00 0.01 .00 0.02 .00 .00 .00 .99 .00 NCK
4467	.00 .00 0.03 .00 0.03 .00 0.04 .00 .00 .00 1.00 TNK
4468	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4469	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
4470	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
4471	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
4472	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
4473	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4474	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4475	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
4476	00, 00, 00, 00, 00, 00, 00, 00, 00, 00,
4477	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0
4478	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4479	0.75 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)
4480	.00 0.82 .00 0.06 .00 .00 .00 .00 .00 .00 AIR/NCK
4481	00 00 0.82 .00 0.06 .00 .00 .00 .00 .00 AIR/TNK
4482	.00 .00 .00 0.76 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK
4483	.00 .00 .00 0.75 .00 .00 .00 .00 .00 AIR/CAT/TNK
4484	.00 00 .00 .00 .00 0.75 00 .00 .00 .00 .00 CAT/NCK
4485	.00 .00 .00 .00 .00 0.76 .00 .00 .00 .00 CAT/TNK
4486	0.06 .00 .00 .00 .00 .00 .082 .00 .00 .00 AIR
4487	00 00 .00 .00 .00 00 00 00 0.76 .00 .00 CAT
4488	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4489	.00 .00 0.18 .00 0.18 .00 0.24 .00 .00 .00 1.00 TNK
4490	1 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUENT
4491	00 1 00 .00 .00 .00 .00 .00 .00 .00 .00
4492	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
4493	.00 00 .00 1.00 .00 .00 .00 .00 .00 .00
4494	.00 .00 .00 1.00 .00 .00 .00 .00 .00 EGR/CAT/TNK
4495	00 00 00 00 1.00 00 00 00 00 00 CAT/NCK
4496	00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
4497	00 00 00 .00 .00 .00 1.00 .00 .00 EGR
4498	00 00 00 00 00 00 00 00 00 00 00 00 00
4499	.00,00,00,00,00,00,00,00,00,00,00,00,00,

4501	4	
4502	**	
4503	**	
4504	** 2% AUDIT : INSPECT AIR PUMP ONLY	
4505	**	
450 <b>6</b>	1.00 1.00 1.00 1.00 EVAP/PCV	
4507	0.95 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PRE	V1005)
4508	.00 0.95 .00 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
4509	.00 .00 0.95 .00 .00 .00 .00 .00 .00 .00 AIR/INK	
4510	.00 .00 .00 0.95 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
4511	.00 .00 .00 .00 0.95 .00 .00 .00 .00 .00 AIR/CAT/INK	
4512	.00 .00 .00 0.05 .00 1.00 .00 .00 .00 .00 .00 CAT/NCK	
4513	.00 .00 .00 .00 0.05 .00 1.00 .00 .00 .00 .00 CAT/INK	
4514	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4515	0.05 .00 .00 .00 .00 .00 .00 1.00 .00 .00 CAT	
451 <b>6</b>	.00 0.05 .00 .00 .00 .00 .00 .00 .00 1.00 .00 NCK	
4517	.00 .00 0.05 .00 .00 .00 .00 .00 .00 1.00 INK	
4518	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	v1005)
4519	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
4520	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
4521	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
4522	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	•
4523	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4524	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
4525	00 .00 .00 .00 .00 .00 1.00 .00 .00 EGR	
4526	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
4527	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4528	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0	
4529	0.75 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (SUB	SEQUENT)
4530	.00 0.75 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	
4531	.00 .00 0.75 .00 .00 .00 .00 .00 .00 .00 .00 AIR/INK	
4532	. 00 . 00 . 00 0. 75 . 00 . 00 . 00 . 00	
4533	.00 .00 .00 .00 0.75 00 .00 .00 .00 .00 .00 AIR/CAI/INK	
4534	.00 .00 .00 0.25 .00 1.00 .00 .00 .00 .00 .00 CAT/NCK	
4535	.00 .00 .00 .00 0.25 .00 1.00 .00 00 .00 .00 CAT/INK	
4536	.00 .00 .00 .00 .00 .00 0.75 00 00 .00 AIR	
4537	0.25 .00 .00 .00 .00 .00 .00 1.00 .00 CAT	
4538	.00 0.25 .00 .00 .00 00 00 .00 1 00 .00 NCK	
4539	. 00 . 00 0. 25 . 00 . 00 . 00 . 00 . 00	
4540	1.00 .00 .00 .00 .00 00 00 .00 .00 .00 EGR/CAT (SUB	SEQUENT)
4541	.00 1.00 .00 .00 .00 .00 .00 00 00 .00 EGR/NCK	
4542	00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
4543	00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
4544	00 .00 .00 .00 1.00 .00 .00 .00 00 .00 .	
4545	00 00 00 00 00 1.00 00 00 00 00 00 CAT/NCK	
4546	_00_00_00_00_00_00_1.00_00_00_00_00_00_CAT/INK	
4547	-00-00-00 00 00 00 00 100 00 00 EGR	
4548	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4549	00 00 00 00 00 00 00 00 00 1 00 00 NCK	
4550	.00 00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

4661		
4001		
4552		
4555		
4555	ZA ADDITE INSPECT CATACIST ONC	
4556	00 1 00 1 00 EVAP/PCV	
4557	33 00 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOUS	}
4558	00 1 00 00 0 07 00 00 00 00 00 00 00 AIR/NCK	<i>,</i>
4559	00 00 1 00 0 0 0 7 00 00 00 00 00 00 AIR/TNK	
4560	00 00 00 0 03 00 00 00 00 00 00 00 AIR/CAT/NCK	
4561	00 00 00 00 0 93 00 00 00 00 00 00 AIR/CAT/TNK	
4562	00 00 00 00 00 0 03 00 00 00 00 00 CAT/NCK	
4563	00 00 00 00 00 00 00 03 00 00 00 00 CAT/TNK	
4564	07 00 00 00 00 00 100 00 00 AIR	
4565	00 00 00 00 00 00 00 00 00 00 CAT	
4566	00 00 00 00 00 00 0 07 00 00 00 1 00 00 NCK	
4567	00 00 00 00 00 00 00 07 00 00 00 1.00 TNK	
4568	00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (PREVIOUS	)
4569	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK	,
4570	00 00 1 00 00 00 00 00 00 00 00 EGR/TNK	
4571	00 00 100 100 00 00 00 00 00 00 00 EGR/CAT/NCK	
4572	00 00 00 100 100 00 00 00 00 00 00 EGR/CAT/TNK	
4573	00 00 00 00 00 1 00 00 00 00 00 00 CAT/NCK	
4574	00 00 00 00 00 00 100 00 00 00 00 CAT/TNK	
4575	00 00 00 00 00 00 100 00 00 00 EGR	
4576	00 00 00 00 00 00 00 1 00 00 CAT	
4577	00 00 00 00 00 00 00 00 00 1 00 .00 NCK	
4578	00 00 00 00 00 00 00 00 00 1 00 TNK	
4579	67 00 00 00 00 00 00 00 00 00 00 AIR/CAT (SUBSEQUE	NT)
4580	00 1 00 00 0.33 .00 00 .00 .00 .00 .00 AIR/NCK	
4581	00 .00 1 00 .00 0.33 .00 .00 .00 .00 .00 AIR/TNK	
4582	00 00 00 0.67 00 00 00 00 00 00 AIR/CAT/NCK	
4583	00 00 00 00 0.67 00 00 00 00 00 AIR/CAT/TNK	
4584	00 00 00 00 00 0 67 00 00 00 00 00 CAT/NCK	
4585	00 00 00 .00 .00 .00 0.57 .00 .00 .00 .00 CAT/TNK	
4586	.33 00 .00 .00 .00 .00 1.00 .00 .00 AIR	
4587	00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4588	00 .00 .00 .00 .00 0.33 .00 .00 .00 1.00 .00 NCK	
4589	.00 .00 .00 .00 .00 0.33 .00 00 .00 1 00 TNK	
4590	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	NT)
4591	.00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/NCK	
4592	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
4593	00 00 00 1.00 00 00 00 00 00 00 00 EGR/CAT/NCK	
4594	.00 00 .00 .00 1.00 .00 .00 .00 .00 .00	
4595	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
4596	00 00 00 00 00 00 1.00 00 00 00 00 00 CAT/TNK	
4597	.00 00 .00 .00 .00 .00 .00 .00 .00 .00	
4598	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
4599	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK	
4600	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	
4601		
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4602		
4603		
4604	2% AUDIT : INSPECT AIR PUMP & CATALYST ONLY	
4605		
4606	00 1.00 1.00 EVAP/PCV	
4607	93 .00 .00. 00. 00. 00. 00. 00. 00. 00. 0	US)
4608	00 0.95 00 0.02 .00 .00 .00 .00 .00 .00 AIR/NCK	
4609	00 .00 0.95 .00 0.02 .00 .00 .00 .00 .00 AIR/TNK	
4610	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	
4611	00 .00 .00 .00 0.93 .00 .00 .00 .00 .00 AIR/CAT/TNK	
4612	00 00 .00 .00 .00 .93 .00 .00 .00 .00 .00 CAT/NCK	
4613	00 00 00 00 00 00 00 03 00 00 00 CAT/TNK	
4614	02 00 00 00 00 00 00 00 00 00 AIR	
4615	TAD 00, 00, EP, 00, 00, 00, 00, 00, 00, 00	
4616	00 0 05 00 0 05 00 0 07 00 00 00 1.00 .00 NCK	
4617	00 00 0 05 00 0 05 00 0 07 00 00 00 1 00 TNK	
4618	00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (PREVIO	US)
4610	00 1 00 00 00 00 00 00 00 00 00 EGR/NCK	
4670	60 00 1 00 00 00 00 00 00 00 00 00 EGR/TNK	
4621	20 00 100 100 00 00 00 00 00 00 EGR/CAT/NCK	
4622	00 00 00 100 00 00 00 00 00 00 EGR/CAT/TNK	
4623	60 00 00 00 1 00 00 00 00 00 00 CAT/NCK	
4624	20 00 00 00 00 100 00 00 00 00 CAT/TNK	
4675	00 00 00 00 00 00 100 00 00 FGR	
4025	20 00 00 00 00 00 00 100 00 00 00 00 00 CAT	
4620		
4027		
4020	57 00 00 AG 00 00 00 00 00 AG 00 AG ALR/CAT (PREVIO	US)
4029		
4030		
4031		
4632		
4633		
4634		
4635		
4636		
4637		
4638	00 0.25 .00 0.25 .00 0.33 00 .00 .00 .00 .00 NCK	
4639	00 .00 0.25 .00 0.25 .00 0.33 .00 .00 .00 .00 INK	I CALT Y
4640	00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SOBJEW)	DENTY
4641	00 1 00 00 00 00 00 00 00 00 00 00 00 EGR/NCK	
4642	00 00 1 00 00 00 00 00 00 00 00 00 EGR/ INC	
4643	00 00 00 1.00 00 00 00 00 00 00 00 00 EGR/CAT/NCK	
4644	00 00 00 00 1.00 00 00 00 00 00 00 00 CGR/CA//INA	
4645	00 00 00 00 00 1.00 00 00 00 00 00 CAT/NCK	
4646	00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
4647	00 00 00 00 00 00 00 00 00 00 00 00 00	
4648	A 00 00 00 00 00 00 00 00 00 00 00 00	
4649	00 .00 .00 .00 .00 .00 .00 .00 1.00 00 NCK	
4650	00 .00 .00 .00 .00 .00 .00 .00 .00 1 00 INK	

4651	4	
4652	••	
4653	•• 2% AUDIT : INSPECT CATALYST & FUEL INLET ONLY	
4654	•• (NON-I/M AREAS ONLY)	
4655		
4656	1.00 1.00 1.00 1.00 EVAP/PCV	
4657	0.93 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAI (PREVIOU	S)
4658	.00 0.99 .00 0.04 .00 .00 .00 .00 .00 .00 AIR/NCK	
4659	.00 .00 1.00 .00 0.07 .00 .00 .00 .00 .00 .00 AIR/INK	
4660	.00 .00 .00 0.93 .00 .00 .00 .00 .00 .00 AIR/CAI/NCK	
4661	.00 .00 .00 .00 0.93 .00 .00 .00 .00 .00 AIR/CAI/INK	
4662	.00 .00 .00 .00 .03 .00 .00 .00 .00 .00	
4663	.00.00.00.00.00.00.00.00.00.00.00.00.00	
4664	8.07 0.01 .00 0.03 .00 .00 1.00 .00 .00 AIR	
4665	.00 00 00 00 00 00 00 00 93 00 00 CAI	
4666	.00 .00 .00 .00 0.04 .00 .00 0.99 .00 NCK	
400/	.00 00 00 00 00 00 00 00 00 00 00 00 00	ie)
4668	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	5)
4009		
4070		
40/1		
40/2		
40/3		
40/4		
40/0		
40/0		
40//		
40/0		IENT)
40/9		2.007
4000		
4001		
4683		
4684		
4685		
4686	a 33 a 11 aa a 11 aa a 0 a 0 1 aa aa a a a a	
4687	0 0 0 0 0 0 0 0 0 0 0 0 0 0 CAT	
4688	00 00 00 00 00 0.22 00 00 00 0.89 00 NCK	
4689	00 00 00 00 00 00 033 00 00 1 00 TNK	
4690	1 00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQU	JENT)
4691	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK	
4692	00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
4693	00 00 1.00 00 00 00 00 00 00 00 ECR/CAT/NCK	
4694	00 .00 .00 1.00 .00 .00 .00 .00 .00 EGR/CAT/TNK	
4695	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4696	<u>00</u> 0000000000000000	
<b>46</b> 97	00 00 00 .00 .00 .00 1.00 .00 .00 EGR	•
4698	00 00 00 00 00 00 00 00 00 00 00 00 00	
4699	00 00 00 00 00 00 00 00 00 00 00 00 00	
4700	00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

4701	4
4702	
4703	** 2% AUDIT : INSPECT AIR PUMP, CATALYST & FUEL INLET ONLT
4704	** (NON-I/M AREAS ONLY)
4705	**
4706	1.00 1.00 1.00 1.00 EVAP/PCV
4707	0.93 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)
4708	.00 0.95 .00 0.02 .00 .00 .00 .00 .00 .00 AIR/NCK
4709	.00 .00 0.95 .00 0.02 .00 .00 .00 .00 .00 AIR/TNK
4710	.00. 00 .00 .03. 00 .00 .00 .00 .00 .00
4711	.00 .00 .00 .00 .03 .00 .00 .00 .00 .00
4712	.00 .00 .00 .00 .00 .03 .00 .00 .00 .00
4713	.00 .00 .00 .00 .00 .00 .93 .00 .00 .00 .00 CAT/TNK
4714	0.02 .00 .00 .00 .00 .00 .00 .95 .00 .00 .00 AIR
4715	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4716	.00 0.04 .00 0.04 .00 0.04 .00 .00 .00 .
4717	.00 .00 0.05 .00 0.05 .00 0.07 .00 .00 .00 1.00 TNK
4718	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4719	.00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/NCK
4720	00 00 1 00 .00 .00 .00 .00 .00 .00 .00 EGR/TNK
4721	00 00 1.00 .00 .00 .00 .00 .00 .00 .00 EGR/CAT/NCK
4722	00 00 00 00 1 00 00 00 00 00 00 EGR/CAT/TNK
4723	00 00 00 00 1.00 00 00 00 00 CAT/NCK
4724	00 00 00 00 00 00 1.00 00 00 00 00 CAT/TNK
4725	00 00 00 00 00 00 100 00 00 00 EGR
4726	00 00 00 00 00 00 00 00 00 CAT
4727	00 00 00 00 00 00 00 00 00 00 1.00 00 NCK
4728	00 00 00 00 00 00 00 00 00 100 TNK
4729	0 67 00 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOUS)
4730	00 0 75 00 0 08 .00 .00 .00 .00 .00 .00 AIR/NCK
4731	00 00 0 75 00 0 08 .00 .00 .00 .00 .00 AIR/TNK
4732	00 00 0 0 67 00 00 00 00 00 00 AIR/CAT/NCK
4733	00 00 00 00 07 00 00 00 00 00 AIR/CAT/TNK
4734	00 00 00 00 00 0.67 00 00 00 00 00 CAT/NCK
4735	00 00 00 00 00 00 00 00 00 00 00 CAT/TNK
4736	A AB AA AA AA AA AA AA AA AA AA AA AA AA
4737	AA AA AA AA AA AA AA AA AA AA AA AA AA
4738	00 0 14 00 0 14 00 0 22 00 00 00 0.89 00 NCK
4730	00 00 0 25 00 0 25 00 0 33 00 00 00 1.00 TNK
4733	1 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUENT
4740	20 1 00 00 00 00 00 00 00 00 00 EGR/NCK
4741	20 40 1 00 100 100 100 100 100 100 00 00 EGR/TNK
4/42	00 00 1 00 1 00 00 00 00 00 00 00 EGR/CAT/NCK
4743	20 00 00 100 100 00 00 00 00 00 EGR/CAT/TNK
4/44	00 00 00 00 100 00 00 00 00 CAT/NCK
4745	00 00 00 00 00 100 00 00 00 CAT/TNK
4747	00 00 00 00 00 00 00 00 EGR
4748	00 00 00 00 00 00 00 00 00 CAT
4749	00 00 00 00 00 00 00 00 100 00 NCK
4750	00 00 00 00 00 00 00 00 00 1.00 TNK

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4784	
4/31	
4753	
4754	27 AUDIT - INSPECT CATALYST & FUEL INLET (AND PLIMATESMO)
4755	
4756	1 00 1 00 1 00 1 00 EVAP/PCV
4757	93 99 99 99 99 99 90 90 90 90 90 90 90 ALR/CAT (PREVIOUS)
4758	
4750	
4760	
4761	00 00 00 00 0 0 0 00 00 00 00 00 ALR/CAT/TNK
4762	00 00 00 00 00 03 00 00 00 00 00 CAT/NCK
4763	00 00 00 00 00 00 03 00 00 00 00 CAT/TNK
4764	0 07 0 06 0 06 0 06 0 00 1 00 00 00 00 AIR
4765	00 00 00 00 00 00 00 00 00 00 0 0 0 0
4766	00 00 00 00 00 01 00 00 00 0.94 .00 NCK
4767	00 00 00 00 00 00 0 00 00 00 00 00 00 0
4768	1 00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (PREVIOUS)
4769	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK
4770	00 00 1 00 00 00 00 00 00 00 00 00 EGR/TNK
4771	99 99 99 1 99 99 99 99 99 99 99 99 99 EGR/CAT/NCK
4772	00 00 00 00 1 00 00 00 00 00 00 00 EGR/CAT/TNK
4773	00 00 00 00 00 1 00 00 00 00 00 00 CAT/NCK
4774	00 00 00 00 00 00 100 00 00 00 00 CAT/TNK
4775	00 00 00 00 00 00 00 1.00 00 00 EGR
4776	00 00 00 00 00 00 00 00 00 00 00 CAT
4777	00 00 00 00 00 00 00 00 00 00 00 NCK
4778	00 00 00 00 00 00 00 00 00 00 1.00 TNK
4779	0.67 00 00 00 00 00 00 00 00 00 00 AIR/CAT (SUBSEQUENT
4780	00 0 70 00 03 .00 .00 .00 .00 .00 .00 AIR/NCK
4781	00 00 0.70 00 0.03 00 00 .00 .00 .00 .00 AIR/TNK
4782	00 00 00 0 67 00 00 00 00 00 00 AIR/CAT/NCK
4783	.00 .00 .00 .00 0.67 .00 .00 .00 .00 .00 AIR/CAT/TNK
4784	00 00 00 00 00 0.67 00 00 00 00 00 CAT/NCK
4785	00 00 00 00 00 00 00 00 00 00 00 CAT/TNK
4786	0.33 0.30 0.30 0.30 0.30 .00 .00 1.00 .00 .00 .00 AIR
4787	. 00 . 00 . 00 . 00 . 00 . 00 . 00 . 0
4788	.00 .00 .00 .00 .00 0.03 .00 .00 .00 0.70 .00 NCK
4789	.00 .00 .00 00 .00 .00 0.03 .00 .00 .00
4790	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4791	.00 1.00 .00 00 .00 .00 .00 .00 .00 .00
4792	.00 .00 1.00 00 00 .00 .00 .00 .00 .00 EGR/TNK
4793	.00 .00 .00 1.00 00 .00 .00 .00 .00 .00
4794	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
4795	.00 .00 .00 .00 1.00 00 .00 .00 .00 CAT/NCK
4796	0000_00 00 00 00 1.00 .00 .00 .00 CAT/TNK
4797	00 00 00 00 00 00 00 00 00 00 00 EGR
4798	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
4799	.00 .00 .00 .00 .00 00 .00 .00 .00 NCK
4800	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK

4802	••	
4803	••	
4804	** 2% AUDIT : INSPECT AIR PUMP, CATALYST & FUEL INLET (AND PLUMBTESMO)	
4805	**	
4806	1.00 1.00 1.00 1.00 EVAP/PCV	
4807	0.93 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)	)
4808	.00 0.94 .00 0.01 .00 .00 .00 .00 .00 .00 AIR/NCK	
4809	.00 .00 0.94 .00 0.01 .00 .00 .00 .00 .00 AIR/TNK	
4810	.00 .00 .00 0.93 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
4811	.00 .00 .00 .00 0.93 .00 .00 .00 .00 .00 AIR/CAT/TNK	
4812	.00 .00 .00 .00 .00 0.93 .00 .00 .00 .00 .00 CAT/NCK	
4813	.00 .00 .00 .00 .00 .00 0.93 .00 .00 .00 .00 CAT/TNK	
4814	0.02 0.01 0.01 0.01 0.01 .00 .00 0.95 .00 .00 AIR	
4815	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.	
4816	.00 .00 .00 .00 .00 .01 .00 .00 .00 .00	
4817	.00 .00 .00 .00 0.93 .00 0.01 .00 .00 .00 0.94 TNK	
4818	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	)
4819	00 1 00 00 00 00 00 00 00 00 00 00 EGR/NCK	
4820	00 00 1 00 00 00 00 00 00 00 00 00 EGR/TNK	
4821	00 00 100 00 00 00 00 00 00 00 00 EGR/CAT/NCK	
4822	00 00 00 100 100 00 00 00 00 00 00 EGR/CAT/TNK	
4823	00 00 00 00 00 1.00 00 00 00 00 00 CAT/NCK	
4824	00 00 00 00 00 00 1.00 00 00 .00 .00 CAT/TNK	
4825	00 00 00 00 00 00 100 00 00 00 EGR	
4826	00 00 00 00 00 00 00 100 00 00 CAT	
4827	00 00 00 00 00 00 00 00 100 00 NCK	
4828	00 00 00 00 00 00 00 00 00 00 100 TNK	
4829	9 57 99 90 90 90 90 90 90 90 90 90 AIR/CAT (SUBSEQUE	(T
4830	00 0 70 00 0 03 00 00 00 00 00 00 AIR/NCK	,
4831	00 00 0 70 00 0 03 00 00 00 00 00 00 AIR/TNK	
4832	00 00 00 0 57 00 00 00 00 00 00 AIR/CAT/NCK	
4833	00 00 00 00 0 0 0 0 00 00 00 00 AIR/CAT/TNK	
4834	00 00 00 00 00 00 00 00 00 00 CAT/NCK	
4034	20 20 20 20 20 20 20 20 20 20 20 20 20 2	
4836		
4030		
4037		
4030		
4039	1 20 00 00 00 00 00 00 00 00 00 00 FGR/CAT (SUBSEQUE)	(TF
4040		. ,
4841		
4042		
4043		
4044		
4040		
4040		
404/		
4040		
4043		
4000		

4851	4	
4852	••	
4853	•• 2% AUDIT : INSPECT CATALYST & FUEL INLET ONLY	
4854	** (I/M AREAS ONLY)	
4855	**	
4856	1.00 1.00 1.00 1.00 EVAP/PCV	
4857	0.93 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAI (PRE	v1005)
4858	.00 0.97 .00 0.02 .00 .00 .00 .00 .00 .00 ATR/NCK	
4859	.00 .00 1.00 .00 0.07 .00 .00 .00 .00 .00 ATR/INK	
4860	.00 .00 .00 0.93 .00 .00 .00 .00 .00 .00 AIR/CAI/NCK	
4861	.00 .00 .00 .00 0.93 .00 .00 .00 .00 .00 AIR/CAI/INK	
4862	.00 .00 00 00 00 0.93 .00 .00 .00 .00 CAT/NCK	
4863	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4864	0.07 0.03 .00 0.05 .00 .00 .00 1.00 .00 .00 AIR	
4865	.00 .00 .00 .00 .00 .00 .00 0.93 .00 .00 CAT	
4866	.00 .00 .00 .00 .00 0.02 .00 .00 .00 0.97 .00 NCK	
4867	.00 .00 .00 .00 .00 .00 0.07 .00 .00 .00	
4868	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	v100S)
486 <b>9</b>	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
4870	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
4871	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
4872	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	•
4873	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
4874	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
4875	.00 .00 .00 .00 .00 .00 1.00 .00 .00 EGR	
4876	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4877	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
4878	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 INK	
4879	0.67 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAI (SUB	SEQUENT)
4880	.00 0.75 .00 0.08 .00 .00 .00 .00 .00 .00 AIR/NCK	
4881	.00 .00 1.00 .00 0.33 .00 .00 .00 .00 .00 .00 AIR/TNK	
4882	.00 .00 .00 0.67 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
4883	.00 00 .00 .00 0.67 .00 .00 .00 .00 .00 .00 AIR/CAT/TNK	
4884	.00 .00 .00 .00 .00 0.67 .00 .00 .00 .00 .00 CAT/NCK	
4885	.00 .00 .00 .00 .00 .00 0.67 .00 .00 .00 .00 CAT/INK	
4886	0.33 0.25 .00 0.25 .00 .00 .00 1.00 .00 .00 .00 AIR	
4887	.00 .00 .00 .00 .00 .00 .00 00 0.67 .00 .00 CAT	
4888	.00 .00 .00 .00 0.08 .00 .00 .00 0.75 .00 NLK	
4889	.00 .00 .00 .00 .00 00 0.33 .00 .00 1.00 INK	
4890	1.00.00.00.00.00.00.00.00.00.00.00.00.00	SEQUENT)
4891	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
4892	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
4893	00 00 00 1 00 00 00 00 00 00 00 00 ECR/CAT/NCK	
4894	00 00 00 00 1 00 00 00 00 00 00 00 ER/CAT/INK	
4895	00 00 00 00 00 100 00 00 00 00 CAL/NCK	
4896	00 00 00 00 00 00 100 00 00 00 CAT/INK	
4897	-00 00 00 00 00 00 1.00 00 00 EGR	
4898	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4899	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
4900	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

4901	4
4902	**
4903	** 2% AUDIT : INSPECT AIR PUMP, CATALYST & FUEL INLET ONLY
4904	** (I/M AREAS ONLY)
4905	**
4906	1.00 1.00 1.00 1.00 EVAP/PCV
4907	0.93 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)
4908	.00 0.95 .00 0.02 .00 .00 .00 .00 .00 .00 AIR/NCK
4909	.00 .00 0.95 .00 0.02 .00 .00 .00 .00 .00 AIR/INK
4910	.00 .00 .00 0.93 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK
4911	.00 .00 .00 .00 0.93 .00 .00 .00 .00 .00 AIR/CAI/INK
4912	.00 .00 .00 .00 .00 0.93 .00 .00 .00 .00 .00 CAT/NCK
4913	.00 .00 .00 .00 .00 0.93 .00 .00 .00 .00 CAT/INK
4914	0.02 .00 .00 .00 .00 .00 0.95 .00 .00 .00 AIR
4915	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
4916	.00 0.02 .00 .00 0.02 .00 .00 .00 0.97 .00 mck
4917	.00 .00 0.05 .00 0.05 .00 0.07 .00 .00 .00 1.00 INK
4918	1.00 .00 .00 .00 .00 .00 .00 .00 .00 EGR/CAT (FREVIOUS)
4919	00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
4920	
4921	00 00 100 00 00 00 00 00 00 00 00 00 COL CAT / NCK
4922	
4923	
4924	
4925	
4926	
4927	
4928	00 00 00 00 00 00 00 00 00 00 00 00 00
4929	
4930	
4931	
4932	
4933	
4904	
4900	
4930	0 00 00 00 00 00 00 00 00 00 00 CAT
4937	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
4930	a a a 25 a a 25 a a 3 3 a a a 3 a a a a a a a a a a a
4939	1 40 40 40 40 40 40 40 40 00 00 EGR/CAT (SUBSEQUENT)
4940	00 100 00 00 00 00 00 00 00 00 EGR/NCK
4941	00 00 1 00 00 00 00 00 00 00 00 EGR/TNK
4942	00 00 100 00 00 00 00 00 00 00 EGR/CAT/NCK
4940	00 00 00 100 00 00 00 00 00 00 EGR/CAT/TNK
4944	00 00 00 00 100 00 00 00 00 00 CAT/NCK
4946	-00 00 00 00 00 100 00 00 00 00 CAT/TNK
4947	00 00 00 00 00 00 100 00 00 00 EGR
4948	TAT 99. 99. 99. 90. 90. 90. 90. 90. 90. 90.
4949	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
4950	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00

4951		
4952		
4953		
4954	5% AUDIT : INSPECT AIR PUMP ONLY	
4955		
4956	1.00 1.00 1.00 EVAP/PCV	
4957	87 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	0
4958	.00 0.87 .00 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
4959	.00 .00 0.87 .00 .00 .00 .00 .00 .00 .00 AIR/TNK	
4960	.00 .00 .00 0.87 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
4961	.00 .00 .00 .00 0.87 .00 .00 .00 .00 .00 AIR/CAT/TNK	
4962	.00 .00 .00 0.13 .00 1.00 .00 .00 .00 .00 CAT/NCK	
4963	.00 .00 .00 .00 0.13 .00 1.00 .00 .00 .00 .00 CAT/TNK	
4964	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
4965	0.13 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	
4966	.00 0.13 .00 .00 .00 .00 .00 .00 1.00 .00 NCK	
4967	.00 .00 0.13 .00 .00 .00 .00 .00 .00 1.00 TNK	
4968	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	<i>i</i> )
4969	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
4970	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
4971	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
4972	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
4973	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
4974	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00	
4975	.00 .00 .00 .00 .00 .00 .00 1.00 .00 .00	
497 <b>6</b>	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
4977	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK	
4978	.00 .00 .00 .00 .00 .00 .00 00 .00 1.00 TNK	
4979	9.65 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (SUBSEQUE	NT)
4980	.00 0.65 .00 .00 .00 .00 .00 .00 .00 AIR/NCK	
4981	.00 .00 0.65 .00 .00 .00 .00 .00 .00 .00 AIR/TNK	
4982	.00 .00 .00 0.65 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
4983	.00 .00 .00 .00 0.65 .00 .00 .00 .00 .00 AIR/CAT/TNK	
4984	.00 .00 .00 0.35 .00 1.00 .00 .00 .00 .00 .00 .CAT/NCK	
4985	.00 .00 .00 .00 0.35 .00 1.00 .00 .00 .00 .00 CAT/TNK	
4986	.00 .00 .00 .00 .00 .00 .00 0.65 .00 .00 AIR	
4987	.35 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	
4988	.00 0.35 .00 .00 .00 .00 .00 .00 1.00 .00 NCK	
4989	.00 .00 0.35 .00 .00 .00 .00 .00 .00 1.00 TNK	
4990	_0000000000000000000	NT)
4991	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
4992	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
4993	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
4994	.00 .00 .00 1.00 .00 .00 .00 .00 .00 EGR/CAT/TNK	
4995	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
4996	00 00 00 00 00 00 1.00 00 00 00 00 CAT/TNK	
4997	.00 .00 .00 .00 .00 .00 1.00 .00 .00 00 EGR	
4998	.00.00.00.00.00.00.00.00.00.00.00.00.00	
4999	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK	
5000	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	

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5001	4
5002	**
5003	**
5004	** 5% AUDIT : INSPECT CATALYST ONLY
5005	**
5006	1.00 1.00 1.00 EVAP/PCV
5007	0.82 00 00 00 00 00 00 00 00 00 00 AIR/CAT (PREVIOUS)
5008	.00 1.00 .00 0.18 .00 .00 .00 .00 .00 .00 AIR/NCK
5009	.00 .00 1.00 .00 0.18 .00 .00 .00 .00 .00 AIR/TNK
5010	00 00 00 0.82 00 00 00 00 00 00 00 AIR/CAT/NCK
5011	00 .00 .00 00 0.82 .00 .00 .00 .00 .00 AIR/CAT/TNK
5012	.00 .00 .00 .00 0.82 .00 .00 .00 .00 CAT/NCK
5013	.00 .00 .00 .00 .00 0.82 .00 .00 .00 .00 CAT/TNK
5014	0.18 .00 .00 .00 .00 .00 1.00 .00 .00 AIR
5015	.00.00.00.00.00.00.00.00.00.00.00.00.00
5016	.00 .00 .00 .00 .00 0.18 .00 .00 .00 1.00 .00 NCK
5017	.00 .00 .00 .00 .00 0.18 .00 .00 .00 1.00 TNK
5018	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5019	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
5020	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
5021	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
5022	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
5023	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5024	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
5025	.00 .00 .00 .00 .00 .00 1.00 .00 .00 EGR
5026	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
5027	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
5028	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
5029	0.52 00 00 00 00 00 00 00 00 00 AIR/CAT (SUBSEQUENT)
5030	.00 1.00 .00 0.48 .00 .00 .00 .00 .00 .00 AIR/NCK
5031	.00 .00 1.00 .00 0.48 .00 .00 .00 .00 .00 AIR/TNK
5032	.00 .00 .00 0.52 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK
5033	00 00 00 00 0.52 00 00 00 00 00 AIR/CAT/TNK
5034	.00 .00 .00 .00 0.52 .00 .00 00 .00 CAT/NCK
5035	.00 .00 .00 .00 .00 .00 0.52 .00 .00 .00 .00 CAT/TNK
5036	0.48 .00 .00 .00 .00 .00 00 1.00 00 .00 AIR
5037	.00 .00 .00 .00 .00 .00 .00 0.52 .00 .00 CAT
5038	.00 .00 .00 00 .00 0.48 .00 .00 .00 1.00 .00 NCK
5039	.00 .00 .00 .00 00 00 0.48 .00 .00 1.00 TNK
5040	1.00 .00 00 00 .00 .00 .00 .00 .00 .00 EGR/CAT (SUBSEQUENT)
5041	.00 1.00 00 .00 00 .00 .00 .00 .00 .00 EGR/NCK
5042	.00 .00 1 00 .00 .00 .00 .00 .00 .00 .00
5043	.00 .00 1.00 .00 .00 .00 .00 .00 .00 EGR/CAT/NCK
5044	00 .00 .00 00 1.00 .00 .00 .00 .00 .00 EGR/CAT/TNK
5045	.00 00 00 00 1 00 00 00 00 00 00 CAT/NCK
5046	00 00 00 00 00 00 00 00 00 00 00 00 00
5047	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5048	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5049	.00 .00 .00 .00 .00 .00 .00 .00 .00 NCK
5050	. <b>00</b> .00 .00 .00 .00 .00 .00 .00 .00 INK

5852       •••         5854       •••         5855       •••         5856       •••         5857       •••         5858       •••         5859       •••         5859       •••         5859       •••         5859       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••       •••	5051		
5553         **         JUND II         INSPECT AIR         PUMP & CATALYST ONLY           5055         **         EVAP/PCV           5055         **         EVAP/PCV           5055         **         EVAP/PCV           5055         **         EVAP/PCV           5057         0.82         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.01         0.00         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01         0.01	5052	•	
5854       •••       5%       AUDIT       INSPECT AIR PUMP & CATALYST ONLY         5855       •••       •••       EVAP/PCV         5855       1.00       1.00       1.00       •••         5857       0.82       0.90       0.90       0.00       0.00       0.00       0.00       0.01       0.00       AIR/ACK       (PREVIOUS)         5058       0.00       0.00       0.00       0.00       0.00       0.00       0.00       AIR/ACK         5059       0.00       0.00       0.00       0.00       0.00       0.00       0.00       AIR/ACK         5061       0.00       0.00       0.00       0.00       0.00       0.00       AIR/CAT/MCK         5062       0.00       0.00       0.00       0.00       0.00       0.00       0.00       AIR       AIR/CAT         5065       0.00       0.00       0.00       0.00       0.00       0.00       0.00       AIR       AIR         5065       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00	5053	•	
5855         •••         EVAP/PCV           5856         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00         1.00 <td< td=""><td>5054</td><td>• 5% AUDIT : INSPECT AIR PUMP &amp; CATALYST ONLY</td><td></td></td<>	5054	• 5% AUDIT : INSPECT AIR PUMP & CATALYST ONLY	
5955       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00	5055	•	
5857       0.82       .00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00	5056	1.00 1.00 1.00 EVAP/PCV	
5858       .00       0.87       .00       0.80       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <t< td=""><td>5057</td><td>0.82 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREV</td><td>IOUS)</td></t<>	5057	0.82 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREV	IOUS)
5859       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5058	.00 0.87 .00 0.05 .00 .00 .00 .00 .00 .00 AIR/NCK	
5660         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00 <td>5059</td> <td>.00 .00 0.87 .00 0.05 .00 .00 .00 .00 .00 AIR/TNK</td> <td></td>	5059	.00 .00 0.87 .00 0.05 .00 .00 .00 .00 .00 AIR/TNK	
5061         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00 <td>5060</td> <td>.00 .00 .00 0.82 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK</td> <td></td>	5060	.00 .00 .00 0.82 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
5662         .00         .00         .00         .00         .00         .00         .00         .00         .00         CAT/NCK           5063         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00	5061	.00 .00 .00 .00 0.82 .00 .00 .00 .00 .00 AIR/CAT/TNK	
5063       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5062	.00 .00 .00 .00 .00 0.82 .00 .00 .00 .00 CAT/NCK	
5664         6.85         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60         .60 </td <td>5063</td> <td>.00 .00 .00 .00 .00 .00 0.82 .00 .00 .00 .00 CAT/TNK</td> <td></td>	5063	.00 .00 .00 .00 .00 .00 0.82 .00 .00 .00 .00 CAT/TNK	
5065         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00 <td>5064</td> <td>0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00</td> <td></td>	5064	0.05 .00 .00 .00 .00 .00 .00 .00 .00 .00	
5066         .00         0.01         3         .00         0.13         .00         0.13         .00         0.13         .00         0.13         .00         0.13         .00         0.13         .00         0.13         .00         0.13         .00         0.13         .00         0.13         .00         0.13         .00         0.01         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00	5065	.00. 00. 00. 00. 28.0 00. 00. 00. 00. 00. 00. 00. 00.	
5067       00       00       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.	5066	.00 0.13 .00 0.13 .00 0.18 .00 .00 .00 1.00 .00 NCK	
5068       1.00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00	5067	.00 .00 0.13 .00 0.13 .00 0.18 .00 .00 .00 1.00 TNK	
5669       .00       1.00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>5068</td><td>1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00</td><td>IOUS)</td></td<>	5068	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	IOUS)
5070       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5069	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
5071       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5070	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
5072       .00       .00       .00       .00       1.00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>5071</td><td>.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00</td><td></td></td<>	5071	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
5073       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5072	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	-
5074       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5073	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
5075       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5074	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
5076       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5075	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
5077       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5076	.00.00.00.00.00.00.00.00.00.00.00.00.00	
5078       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5077	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	
5079       0.52       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>5078</td><td>.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK</td><td></td></td<>	5078	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	
5080       .00 0.65       .00 0.13       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00       .00 .00	5079	0.52 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREV	(IOUS)
5081       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5080	.00 0.65 .00 0.13 00 .00 .00 .00 .00 .00 AIR/NCK	
5082       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5081	.00 .00 0.65 .00 0.13 .00 .00 .00 .00 .00 AIR/TNK	
5083       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5082	.00 .00 .00 0.52 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK	
5084       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5083	00 00 00 00 0.52 00 00 00 00 00 AIR/CAT/TNK	
5085       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5084	.00 .00 .00 .00 .00 .52 .00 .00 .00 .00 .00 CAT/NCK	
5086       0.13       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00	5085	.00 .00 .00 .00 .00 0.52 .00 .00 .00 .00 CAT/TNK	
5087       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5086	9.13 00 00 00 00 00 00 05 00 00 AIR	
5088       .00 0.35       .00 0.48       .00 0.00       .00 1.00       .00 NCK         5089       .00 0.035       .00 0.35       .00 0.48       .00 0.00       .00 1.00       TNK         5090       1.00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .00 0.00       .	5087	00 00 00 00 00 00 00 00 00 00 00 CAT	
5089       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5088	.00 0.35 .00 0.35 .00 0.48 .00 00 .00 1.00 .00 NCK	
5090       1.00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00	5089	.00 .00 0.35 .00 0.35 .00 0.48 .00 .00 .00 1.00 TNK	
5091       .00 1.00 00 00 00 00 00 00 00 00 00 00 00 00	5090	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00	EQUENT)
5092       .00       .00       1.00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>5091</td><td>.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00</td><td></td></td<>	5091	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00	
5093       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5092	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00	
5094       .00       .00       .00       1.00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>5093</td><td>.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00</td><td></td></td<>	5093	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00	
5095       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5094	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00	
5095       00       00       00       00       00       1.00       00       00       00       CAT/TNK         5097       00       00       00       00       00       00       00       00       00       EGR         5098       00       00       00       00       00       00       00       00       CAT         5099       00       00       00       00       00       00       00       00       CAT         5099       00       00       00       00       00       00       00       00       00       CAT         5100       00       00       00       00       00       00       00       NK	5095	.00 .00 00 .00 1.00 .00 00 .00 .00 CAT/NCK	
5097         60         00         00         00         00         00         00         00         00         00         EGR           5098         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00	5096		
5098         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00         .00 <td>5097</td> <td>.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00</td> <td></td>	5097	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00	
5099	5098	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00	
5100 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	5099	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	
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5102	**																			
5103	** 52	AL	JD I 1	Γ:	INS	PEC	T CAT	AĽ	YST	Ł	FUI	EL I	NL	ET	ON	ILY				
5104	**					(NO	N⊷I/M	A	REA:	sc	NL	()								
5105	**					•														
5106	1.00	31.	<b>00</b>	1.0	31	. 00													EVAP/PCV	
5107	0.8	Ż.	00	. 0	3	. 00	. 00		. 00		00	. 0	0	. 6	90	. 6	90	. 00	AIR/CAT	(PREVIOUS)
5108	. 0(	9 Ø.	97	. 0	0 0	. 12	. 00		. 00		<b>00</b>	. 0	0	. e	90	. e	90	. 00	AIR/NCK	
5109	.0	3	00	1.0	3	. 00	0.18		. 00		00	.0	0	. e	90	. 6	90	. 00	AIR/TNK	
5110	. 00		00	.0	0	.82	.00		. 00		00	. 0	0	. 6	90	. 6	90	. 00	AIR/CAT/	NCK
5111	. 00	5	00	.0	2	. 00	0.82		. 00		<b>00</b>	.0	0	. e	90	. 6	90	.00	AIR/CAT/	TNK
5112	00	- -	00	0	3	.00	. 00	0	. 82		<b>00</b>	.0	0	. e	90	. e	90	. 00	CAT/NCK	
5113		, . ,	00	0	2	.00	.00		.00	ø.	82	.0	0	.e	90	. 6	90	.00	CAT/TNK	
5114	0 1	ຊິດ	03	.0	- 2 0	.06	.00		.00		00	1.0	0	.e	90	. 0	90	. 00	AIR	
5115		3.0.	00	0	2	.00	.00		.00		00	.0	0	0.8	32	. e	90	. 00	CAT	
5116		3	00	. 0	5	.00	.00	0	.12		00	.0	0	. e	90	0.5	7	. 00	NCK	
5117		, .	00		2	. 00	.00	•	.00	Ø.	18	.0	0	.e	90	.e	90	1.00	TNK	
5118	1 00	, .	00	. 0	à	. 00	.00		.00	• :	00	. ø	0	e	90	e	90	. 00	EGR/CAT	(PREVIOUS)
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5131	. 01	, .	88	6	a a	52	0.40		aa		88	ā	â	Ģ	20	Ģ	90	00	ATR/CAT/	NCK
5152	. 01		00	. 0	20	. 52	A 52		. 00		aa	. 0	ā	ē	30	Ģ	90	00	AIR/CAT/	TNK
5133		. v	00	. 0	à	. 00	0.02	a	52		aa	ิด	ā	Ģ	30	Ģ	20	00	CAT/NCK	
5134	. 01	2	00	. 0	à	. 00	.00	Ŭ	. 02 aa	ດ່	52	. 0	a		20	ċ	10	.00	CAT/TNK	
5135	0.49		15	. 0	ລັດ	15	. 00		. 00 aa	0.	aa	1 0	ă	ò	20	ċ	10	.00	AIR	
5130	0.40	. U.	60	. 0	202	60			. 00	•	aa	່ລ	ă i	a =	52	ċ	90	00	CAT	
5137	. 01	. פ ג	00	. 0	à	. 00	. 00	۵		•	aa	้ด	a	0.0	20	0 2	85	.00	NCK	
5136	. 01		00		2	00.	. 00	v	. 33 aa	a	48	.0	ā	. 0	20	6.0	10	1 00	TNK	
5139	1 00		00	. 0	2	.00	.00		00	0.	<b>a</b> a	.0	ä	6	20		ña i	00	FGR/CAT	(SUBSEQUENT)
5140	1.00	· ·	00	. 0	2	.00	.00		.00	•	80	ă	ă		20		20	. 00	FGR /NCK	(
5141	. 01	9 I. 5	00	1 0	2	. 00	. 00		.00		00	.0	ă		20		ña i	. 00	FGR/TNK	
5142	. 0	9. A	00	1.0	2 1	00.	. 00		. 00	•	aa	ā	ă		20	Ċ	10	. 00	FGR/CAT/	NCK
5145		9. 2	00		2	00.	1 00		. 00	•	80	.0	a		20	ġ	30	. 00	EGR/CAT/	TNK
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5140	. 0	-	00	- D	à	00.			. 00	•••	aa	1 0	ā		20		20	.00	EGR	
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5140	. 01	. ע ג	00	. U	à	. 00	. 00		. 00	•	00	.0	0	¢	20	1.0	00	.00	NCK	
5149	. 01	ע. ג	00	. تە م	a	. 00	.00		. 00	•	aa	. J	ñ		20		20	1.00	TNK	
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5151	4														
5152	**	_										* • • •	<b>F</b> T (1)		
5153	**	- 5%	AUDI	T : I	NSPE	CT AIR	PUMP	', CA	TALYST	& F	UEL	IN	LEION	LY	
5154	**				( N	ON-1/N	AREA	S ON	LY)						
5155															
5156	1	. 00	1.00	1.00	1.00	2					-	~~	~~	EVAP/PCV	
5157	0	. 82	. 00	.00	. 00	0.00	.00	.0	0.00	.0	0.	. 00	.00	AIR/CAI	(PREVIOUS)
5158		. 00	0.87	.00	0.0	5.00	. 00	.0	0.00	.0	. 8	. 00	. 66	AIR/NCK	
5159		. 00	. 00	0.87	. 01	0 0.05	. 00	. 0	00.00	. 0	8.	.00	.00	AIR/INK	4.014
5160		. 00	. 00	.00	0.8	2.00	.00	.0	0.00	.0	0.	. 00	.00	AIR/CAI/	
5161		. 00	. 00	.00	. 01	0.82	. 00	.0	0.00	.0	0.	. 00	.00	AIR/CAI/	INK
5162		. 00	.00	.00	. 00	.00	0.82	. 0	0.00		σ.	. 00	.00	CAT/NCK	
5163		. 00	. 00	. 00	. 00		.00	0.8	2.00	.0	0.	. 00	.00	CATZINK	
5164	0	. 05	. 00	.00	. 00	00.6	. 00	.0	0 0.8/	.0	ð.	. 00	.00	AIR	
5165		. 00	. 00	. 00	. 00	.00	. 00	. 0	0.00	0.8	2	. 00	.00	LAI	
5166		. 00	0.10	.00	0.10	.00	0.12	. 0	00.00	. 0	80.	.97	.00	NCK	
5167		.00	. 00	0.13	. 01	9 0.13	.00	0.1	8.00	.0	<u>.</u>	. 00	1.00		
5168	1	.00	.00	.00	. 0(	00.6	.00	. 0	00.00	.0	<u>.</u>	.00	.00	EGR/CAT	(PREVIOUS)
5169		.00	1.00	.00	. 0(	3.00	.00	.0	00.00	. 0	<u>.</u>	. 00	.00	EGR/NCK	
5170		.00	. 00	1.00	. 0(	.00	.00	. 0	00.00	. 0	<u>.</u>	. 00	.00	EGR/INK	100
5171		. 00	. 00	. 00	1.00	3.00	. 00	.0	00.00	.0	ð.	. 00	.00	EGR/CAT/	
5172		. 00	. 00	. 00	. 01	0 1.00	.00	. 0	0.00		. 0	.00	.00	EGR/CAT/	(1NK -
5173		. 00	. 00	. 00	. 01	.00	1.00	. 0	00.00		ð .	. 00	.00	CAT/NCK	
5174		. 00	. 00	. 00	. 0	3.00	.00	1.0	0.00	.0	0.	. 00	.00	CAT/INK	
5175		. 00	. 00	. 00	. 0	3.00	.00	.0	0 1.00	.0	9.	. 00	. 00	EGR	
5176		. 00	. 00	.00	. 0	00. G	.00	.0	0.00	1.0	0.	.00	. 00	CAI	
5177		. 00	. 00	. 00	. 00	9.00	. 00	. 0	0.00	.0	01.	. 00	.00	NCK	
5178		. 00	. 00	. 00	. 0(	3.00	.00	.0	0.00	.0	0.	. 00	1.00	INK	(00000)
5179	0	. 52	. 00	. 00	. 0(	00.6	. 00	. 0	0.00	0. (	0.	. 00	.00	AIR/CAI	(PREVIOUS)
5180		. 00	0.33	. 00	0.1.	3.00	. 00	. 0	0.00	.0	0.	. 00	. 00	AIR/NCK	
5181		. 00	. 00	0.33	. 00	0.13	. 00	. 0	0.00	.0	0.	. 00	. 00	AIR/INK	4.004
5182		. 00	. 00	. 00	0.5	2.00	.00	.0	0.00	) .0	0.	. 00	.00	AIR/CAT/	
5183		.00	. 00	. 00	. 0(	0.52	. 00	. 0	0 00	0	9	. 00	.00	AIR/CAI/	TNK
5184		. 00	. 00	. 00	. 0(	9 .00	0.52	. 0	00.6	) 0	8.	. 00	.00	CAT/NCK	
5185		. 00	. 00	. 00	. 00	00.00	. 00	0.5	2 .00	.0	8.	. 00	.00	CATZINK	
5186	0	.13	. 00	. 00	. 0(	9.00	.00	. 0	0.33	.0	3.	. 00	.00	AIR	
5187		.00	. 00	. 00	. 00	9 00	. 00	. 0	8 .00	0.5	2.	. 00	.00	ÇAT	
5188		. 00	0.20	. 00	0.20	00.00	0.33	. 0	0 .00	0	0.0	. 85	.00	NCK	
5189		. 00	. 00	0.35	. 0	0.35	00	0.4	8.00	0	8.	. 00	1.00	INK	
5190	1	. 00	. 00	.00	. 0(	9 . 00	00	. 0	00.00	. 0	8	. 00	. 00	EGR/CAT	( 2082EQUENT)
5191		. 00	1.00	. 00	. 0	00.6	00	. 0	00.60	.0	0.	. 00	.00	EGR/NCK	
5192		. 00	. 00	1.00	. 01	.00	. 00	. 0	00.60	.0	0.	. 00	. 00	EGRIINK	(10)
5193		. 00	. 00	.00	1.00	00.00	. 00	. 0	00.60	.0	8.	.00	.00	EGR/CAT/	
5194		.00	. 00	. 00	. 0(	0 1.00	.00	. 0	00.00	. 0	0	60	. 00	EGR/CAT/	( LNR
5195		. 00	. 00	. 00	. 00	00.00	1 00	.0	00.00	.0	0	. 60	. 00	CAT/NUK	
5196	-	,00	. 00	. 00	. 00	00	00	10	00.00	.0	0	. 66	00	CATZINK	-
5197		.00	. 00	. 00	. 0	00.00	.00	. 0	0 1.00	.0	0	. 66	. 60	LGK	•
5198		.00	. 00	. 00	. 00	00	.00	.0	00.00	1.0	0	. 60	. 99		
5199		.00	. 00	.00	. 0	00.00	.00	.0	00.00	.0	01	00	. 99	NCK	
5200		- 00	. 00	. 00	. 01	9.00	. 00	. 0	00, 0	.0	0	66	1.00	INK	

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5292       •••         5294       •••       57       AUDIT : INSPECT CATALYST       & FUEL INLET (AND PLUMBTESMO)         5295       •••       5296       •••       5296       •••         5296       •••       60       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0       0.0 <th>5201</th> <th>4</th> <th></th>	5201	4											
5283         ***         5X         AUDIT         INSPECT CATALYST         & FUEL INLET (AND PLUMBTESMO)           5286         ***         EVAP/PCV         EVAP/PCV         EVAP/PCV           5208         ***         EVAP/PCV         EVAP/PCV         EVAP/PCV           5208         ***         EVAP/PCV         EVAP/PCV         EVAP/PCV           5208         ***         ***         EVAP/PCV         EVAP/PCV           5209         ***         ***         ***         EVAP/PCV         EVAP/PCV           5210         ***         ***         ***         ***         ***         ***           5211         ***         ***         ***         ***         ***         ***         ***           5211         ***         ***         ***         ***         ***         ***         ***         ***           5211         ***         ***         ***         ***         ***         ***         ***         ***         ***         ***         ***         ***           5214         ***         ***         ***         ***         ***         ***         ***         ***         ***         ****         ****         ****	5202	**											
5284       ••• 5% AUDIT : INSPECT CATALTSI & FULL INLET (AND FLOWELLEME)         5285       •••         5286       1.00       1.00       1.00         5287       0.82       00       00       00       00       00       00       00       00       00       00       00       00       00       01       R/CAT (PREVIOUS)         5288       00       0.86       00       00       00       00       00       00       00       00       01       R/CAT (PREVIOUS)         5210       00       00       00       00       00       00       00       00       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01       01	5203	**				ALVET	e. 🖆					ESMO)	
5226       1.00       1.00       1.00       1.00       EVAP/PCV         5226       0.82       0.00       0.00       0.00       0.00       0.00       AIR/CAT       (PREVIOUS)         52208       0.00       0.00       0.00       0.00       0.00       0.00       0.00       AIR/ACK         5210       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.01       AIR/ACK         5211       0.00       0.00       0.00       0.00       0.00       0.00       AIR/CAT/NKK         5212       0.00       0.00       0.00       0.00       0.00       AIR/CAT/NKK         5213       0.00       0.00       0.00       0.00       0.00       AIR/CAT/NKK         5214       0.18       0.14       0.14       0.14       0.01       0.00       0.00       0.00       AIR/CAT/NKK         5215       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       AIR/CAT/NKK         5219       0.01       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00	5204	** 5 <b>%</b>	AUDI	I : INSP	PECICAI	ALTSI	62 F	UEL IN	NLEI	(AND )	LOWDI	LSMO)	
5286       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00       1.00	5205	**			••								
5207       0.82       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>520<b>6</b></td><td>1.00</td><td>1.00</td><td>1.00 1</td><td>.00</td><td></td><td>~~</td><td></td><td></td><td>~~</td><td></td><td>EVAP/PCV</td><td></td></td<>	520 <b>6</b>	1.00	1.00	1.00 1	.00		~~			~~		EVAP/PCV	
5288         00         0.8         00         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9         0.9 <th0.9< th=""> <th0.9< th=""></th0.9<></th0.9<>	5207	0.82	. 00	.00 .	.00 .00	.00	. 00	.00	. 00	. 00	. 00	AIR/LAI	(PREVIOUS)
5209       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	520 <b>8</b>	. 00	0.86	.000.	.04 .00	. 00	. 00	. 00	. 00	. 00	.00	AIR/NCK	
5210       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	520 <b>9</b>	. 00	. 00	0.86 .	.00 0.04	.00	. 00	. 00	. 00	. 00	.00	AIR/INK	
5211       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5210	. 00	. 00	.00 0.	.82 .00	.00	. 00	. 00	. 00	. 00	.00	AIR/CAI/M	NCK .
5212       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5211	. 00	. 00	.00.	.00 0.82	. 00	. 00	. 00	. 00	.00	. 00	AIR/CAI/1	<b>NK</b>
5213       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5212	.00	. 00	.00.	.00 .00	0.82	. 00	.00	. 00	. 00	. 00	CAT/NCK	
5214       0.18       0.14       0.14       0.01       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00	5213	. 00	. 00	.00.	.00 .00	. 00	0.82	. 00	. 00	. 00	. 00	CAT/TNK	
5215       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5214	0.18	0.14	0.14 0.	.14 0.14	. 00	. 00	1.00	. 00	. 00	. 00	AIR	
5216       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5215	. 00	.00	. 00 .	. 00 . 00	.00	. 00	. 00	0.82	. 00	. 00	CAT	
5217       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5216	.00	. 00	.00 .	.00 .00	0.04	. 00	. 00	. 00	0.86	. 00	NCK	
5218       1.00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00	5217	. 00	. 00	.00 .	.00 .00	. 00	0.04	. 00	. 00	. 00	0.86	TNK	
5219       .00       1.00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>5218</td><td>1.00</td><td>.00</td><td>.00</td><td>00 .00</td><td>.00</td><td>. 00</td><td>. 00</td><td>. 00</td><td>. 00</td><td>. 00</td><td>EGR/CAT</td><td>(PREVIOUS)</td></td<>	5218	1.00	.00	.00	00 .00	.00	. 00	. 00	. 00	. 00	. 00	EGR/CAT	(PREVIOUS)
5220       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5219	. 00	1 00	00	00 .00	.00	. 00	. 00	. 00	. 00	. 00	EGR/NCK	
5221       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5220	.00		1 00	99 99	.00	. 00	.00	.00	. 00	. 00	EGR/TNK	
5221       .00       .00       .00       1.00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>5221</td><td>. 00</td><td>. 00</td><td>60 1</td><td></td><td>.00</td><td>.00</td><td>.00</td><td>.00</td><td>.00</td><td>. 00</td><td>EGR/CAT/I</td><td><b>NCK</b></td></td<>	5221	. 00	. 00	60 1		.00	.00	.00	.00	.00	. 00	EGR/CAT/I	<b>NCK</b>
3212       .00       .00       .00       .00       1.00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>5227</td><td>.00</td><td>.00</td><td>.00</td><td>00 1 00</td><td>00</td><td>.00</td><td>.00</td><td>. 00</td><td>.00</td><td>.00</td><td>EGR/CAT/</td><td>ΓNK ·</td></td<>	5227	.00	.00	.00	00 1 00	00	.00	.00	. 00	.00	.00	EGR/CAT/	ΓNK ·
3223       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5223	. 00	.00	.00 .	.0000 .0000	1 00		. 00		.00	.00	CAT/NCK	
5225       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5223	.00	.00	.00	.00 .00 .00 .00		1 00			.00	.00	CAT/TNK	
5223       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5005		.00	.00 .	.00 .00 .00 .00		00	1 00			00	EGR	
3226       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5225	.00	.00	.00	00 00		. 00	00	1 00	. 00	. 00	CAT	
5227       .00       .00       .00       .00       .00       1.00       1.00       1.00       1.00         5228       .00       .00       .00       .00       .00       .00       1.00       1.00       TNK         5229       0.52       .00       .00       .00       .00       .00       .00       .00       .00       .00       AIR/CAT       (SUBSEQUENT)         5230       .00       .00       .00       .00       .00       .00       .00       .00       AIR/CK         5231       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5220	.00	.00	.00 .	00 .00		. 00	. 00	00	1 00		NCK	
5228       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5227	.00	.00	00	.00 .00		. 00	.00	. 00	00	1 00	TNK	
5229       0.32       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00       0.00	5228	.00	.00	.00.	.00.00	00	. 00	.00	.00	. 00	00	ATR/CAT	(SUBSEQUENT)
5230       .00       0.7       .00       0.05       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>5229</td><td>0.52</td><td>.00</td><td>.00 .</td><td>.00 00</td><td></td><td>.00</td><td>.00</td><td></td><td>. 00</td><td>. 00</td><td>ATR/NCK</td><td>(00002202111)</td></td<>	5229	0.52	.00	.00 .	.00 00		.00	.00		. 00	. 00	ATR/NCK	(00002202111)
5231       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5230	. 00	0.5/	.00 0.	.05 00	.00	. 00	.00		.00	. 00		
5232       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5231	. 00	. 00	0.5/	.00 0.05	00	. 00	.00	. 00	. 00	.00	ATR/ INK	
5233       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5232	. 00	.00	.00 0	.52 .00	60	. 00	. 00	. 00	. 00	. 00	AIR/CAT/	
5234       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5233	.00	. 00	.00	00 0.52	. 00	. 00	. 00	. 00	. 00	. 00	AIR/CAI/	
5235       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5234	. 00	.00	00	.00 .00	0.52	. 00	. 00	. 00	. 00	. 00	OAT	
5236       0.48       0.43       0.43       0.43       00       00       1.00       .00       .00       AIR         5237       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5235	. 00	. 0 <b>0</b>	.00.	.00 00	. 00	0.52	.00	. 00	.00	. 00	CATZINK	
5237       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5236	0.48	0.43	0.43 0.	.43 0.43	00	. 00	1.00	. 00	. 00	. 00	AIR	
5238       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5237	•.00	. 00	.00.	.00 00	. 00	. 00	. 00	0.52	. 00	. 00	CAT	
5239       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5238 -	. 00	. 00	.00 .	.00 00	0.05	. 00	.00	. 00	0.57	. 00	NCK	
5240       1.00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00	5239	. 00	.00	00 .	.00 .00	. 00	0.05	.00	. 00	. 00	0.57	TNK	
5241       .00 1.00 00 .00 .00 .00 .00 .00 .00 .00	5240	1.00	.00	00	.00.00	.00	. 0 <b>0</b>	. 00	. 00	.00	. 00	EGR/CAT	(SUBSEQUENT)
5242       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5241	. 00	1.00	00 .	.00.00	. 00	. 00	. 00	. 00	. 00	. 00	EGR/NCK	
5243       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5242	. 00	. 00	1.00 .	.00 .00	. 00	. 00	. 00	. 0 <b>0</b>	. <b>0</b> 0	. 00	EGR/TNK	
5244       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5243	. 00	. 00	.00 1.	.00 .00	00	. 00	. 00	. 0 <b>0</b>	.00	. <b>0</b> 0	EGR/CAT/I	NCK
5245       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5244	. 00	. 00	. 00	.00 1.00	. 00	. 0 <b>0</b>	. 00	. 0 <b>0</b>	. 00	. 0 <b>0</b>	EGR/CAT/	TNK
5246       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       00       <	5245	. 00	. 00	.00 .	.00.00	1.00	. 00	. 00	. 00	. 00	. 0 <b>0</b>	CAT/NCK	
5247       .00       .00       .00       .00       1.00       .00       00       EGR         5248       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00 <td< td=""><td>5246</td><td></td><td>. 00</td><td>. 00 .</td><td>.00 .00</td><td>. 00</td><td>1.00</td><td>. 00</td><td>. 00</td><td>. 00</td><td>. 00</td><td>CAT/TNK</td><td>•</td></td<>	5246		. 00	. 00 .	.00 .00	. 00	1.00	. 00	. 00	. 00	. 00	CAT/TNK	•
5248       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00       .00	5247	.00	00	.00	.00 .00	.00	. 00	1.00	. 00	00	. 00	EGR	
5249 .00 .00 .00 .00 .00 .00 .00 .00 1.00 .00	5248	. 00	.00	. 00	.00 .00	. 00	. 00	. <b>0</b> 0	1.00	. 00	. 00	CAT	
5250 .00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK	5249	. 00	. 00	. 00	.00 .00	. 00	. 0 <b>0</b>	. 00	. 00	1.00	. 00	NCK	
	5250	. 00	. 00	. 00	. 00 . 00	. 00	. 00	. 00	. 00	. 00	1.00	TNK	

5251	4																				
5252	**																				
5253	**														_						
5254	**	5%	AUD	( <b>T</b> :	INS	PEC	T AI	RF	PUMP	. (	CAT	ALY	(ST	£	FU	EL	IN	LEI	r (A	ND PLUMBT	ESMO)
5255	**																				
5256	1	. 00	1.00	) 1.0	01	. 00														EVAP/PCV	·
5257	0	. 82	. 06	).0	0	. 00	. 0	0	. 00		. 00		00		. 00		. 00		.00	AIR/CAT	(PREVIOUS)
5258		. 00	0.86	5.0	00	. 04	. 0	0	. 00		. 00		00		. 00		. 00		.00	AIR/NCK	
5259		. 00	. 00	0.8	6	.00	0.0	4	. 00		. 00		00		. 00		. 00		.00	AIR/TNK	
5260		. 00	. 06	.0	00	.82	. 0	0	. 00		. 00		00		. 00		. 00		.00	AIR/CAT/	NCK
5261		. 00	. 06	).0	0	.00	0.8	2	. 00		. 00		00		.00		.00		00	AIR/CAT/	TNK
5262		. 00	. 08	).0	0	.00	. 0	0 0	9.82		. 00		00		00		. 00		00	CAT/NCK	
5263		. 00	. 00	.0	0	.00	. 0	0	. 00	0	. 82		00		.00		. 00		00	CAT/TNK	
5264	0	05	0.01	0.0	10	.01	0.0	1	. 00		. 00	0.	87		.00		.00		00	AIR	
5265	•	00	.00	0	ġ .	00	.0	ø	.00		. 00		00	0.	82		00		00	CAT	
5266		00	00	, a	A	00	ē	õ e	04		.00		00		00	0	86		00	NCK	
5267		. 00 00	a	, a	ā	aa	ด่ล	2		0	94		00		00	-	00	0	86	TNK	
5268	1	. 00 	. 00	, .o	ă	. 00	0.0 A	ā		Ť	àà	•	ãã	•	60		60		00	EGR/CAT	(PREVIOUS)
5260	•	00	1 00	, .u	ă	.00	à	ă	. 00		. 00	•	aa		aa		aa		aa	FGR /NCK	(
5270		00	00	1 0	ă	. 00	à	ă	. 00		. 00	•	aa		. 00	•	aa	•	aa	FGR/TNK	
5270		00	. 00	, I.O	а 1	.00	. 0	ă	. 00		. 00	•	aa		200		aa		aa	FCR/CAT/	NCK
5271		00	. 00		2	.00	1 0	à	. 00		.00	•	00		00		. 00 aa	•	. 00 00	FOR /CAT /	
5272		. 00	. 00		0	.00	1.0	0 0 1	. 00		. 00	•	00		00		00	•	00	CAT /NCK	
52/3		. 60	. 00		0	.00	. 0	0	00.00	4	.00	•	00		00		00	•	00		
52/4		. 00	. 96		0	. 00	. 0	0	. 00	1	. 00		00	•	.00		. 00		00	ECP	
5275		. 00	. 96	.0	0	. 00	. 0	0	. 00		. 00	1.	00		. 00		. 00	•	00	CAT	
5276		. 00	. 06	.0	0	. 00	. 0	0	. 00		. 00	•	00	1.	. 60		. 66		. 00		
5277		. 00	. 00	.0	0	. 00	. 0	0	. 00		. 00	•	00	•	. 00	1.	. 00		. 00	NCK	
5278		. 00	. 00	.0	0	. 00	0	0	. 00		. 00		00		. 00		. 00	1.	. 00	INK	
5279	0.	. 52	. 00	.0	0	. <b>0</b> 0	. 0	0	. 00		. 00		00		. 00		. 00		.00	AIR/CAI	(SUBSEQUENT)
52 <b>80</b>		. 00	0.57	.0	00	. 05	. 0	0	. 00		. 00		00		. 00		. 00		. 00	AIR/NCK	
5281		. 00	. 00	0.5	7	. 00	0.0	5	. 00		. 00		00		. 00		. 00		. 00	AIR/TNK	
5282		.00	. 09	.0	0 O	. 52	. 0	0	. 00		. 00		00		.00		. 00		. 00	AIR/CAT/	NCK
5283		. 00	. 00	0. (	0	. 00	0.5	2	. 00		. 00		00		. 00		. 00		.00	AIR/CAT/	TNK
5284		00	. 08	.0	0	. 00	. 0	0 e	9.52		. 00		00		. 00		. 00		00	CAT/NCK	
5285		00	. 00	. 0	9	. 00	. 0	0	. 00	0	. 52		00		. 00		00		00	CAT/TNK	
5286	0.	.13	0.08	0.0	B Ø	. 08	0.0	8	. 00		. 00	0.	65		00		00		00	AIR	
5287		. 00	1.00	.0	0	. 00	. 0	0	. 00		. 00		00	0.	. 52		. 00		.00	CAT	
5288	-	00	. 00	.0	9	. 00	. 0	0 e	0.05		. 00		00		.00	0.	57		00	NCK	
5289		00	. 00	. 0	9	. 00	.0	0	. 00	0	. 05		00		00		.00	0.	57	TNK	
5290	1.	00	. 06	.0	9	. 00	. 0	0	. 00		. 00		00		00		. 00		00	EGR/CAT	(SUBSEQUENT)
5291		00	1.00	.0	2	. 00	.0	0	. 00		. 00		00		00		00		00	EGR/NCK	
5292		00	. 00	1.0	2	.00	.0	0	.00		. 00		00		.00		00		00	EGR/TNK	
5293		00		. 0	01	.00	Ō	õ	.00		.00		00		00		00		00	EGR/CAT/	NCK
5294		00	90	) a	0	.00	1.0	0	.00		. 00		00		00		. 00		.00	EGR/CAT/	TNK
5295		00		a	ñ	.00	้ด	õ 1	00		.00		00		.00		. 00		00	CAT/NCK	
5296		80	0		ā.	. 00	ā	ด่	.00	1	.00	•	00		00		. 00		00	CAT/TNK	
5297		aa	00	A	a -	aa	ā	õ	. 00	•	.00	1	00	•	00		00		00	EGR	
5208		00	00		ă	. 00	ā	ā	. 00		00	•••	66	1	00		00		00	CAT	
5290		00		, .u	ă	.00	.0	ă	. 00		00	•	aa	• •	00	1	00		00	NCK	
5233		00			a	.00	. 0	ă	. 00		. 00 aa	•	80		ãa			1	aa	TNK	
0000		00			U D		. 0	v				•	50								

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5301	4
5302	••
5303	•• 5% AUDIT : INSPECT CATALYST & FUEL INLET ONLY
5304	•• (I/M AREAS ONLY)
5305	**
5306	1.00 1.00 1.00 1.00 EVAP/PCV
5307	0.82 .00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (PREVIOUS)
5308	.00 0.94 .00 0.07 .00 .00 .00 .00 .00 .00 AIR/NCK
5309	.00 .00 1.00 .00 0.18 .00 .00 .00 .00 .00 AIR/TNK
5310	.00 .00 .00 0.82 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK
5311	.00 .00 .00 .00 0.82 .00 .00 .00 .00 .00 AIR/CAT/TNK
5312	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5313	.00 .00 .00 .00 .00 .00 .82 .00 .00 .00 .00 CAT/TNK
5314	0.18 0.06 .00 .11 .00 .00 .00 1.00 .00 .00 AIR
5315	00. 00. 00. 00. 28.0 00. 00. 00. 00. 00. 00. 00. 00. 00.
5316	.00 .00 .00 .00 .00 0.07 .00 .00 .00 .04 .00 NCK
5317	.00 .00 .00 .00 .00 0.18 .00 .00 .00 1.00 TNK
5318	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5319	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
5320	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
5321	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
5322	00 00 00 00 1.00 .00 .00 .00 .00 .00 EGR/CAT/TNK
5323	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5324	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
5325	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
5326	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5327	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00
5328	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
5329	0.52 00 .00 .00 .00 .00 .00 .00 .00 .00 AIR/CAT (SUBSEQUENT
5330	00 0.65 .00 0.13 .00 .00 .00 .00 .00 .00 AIR/NCK
5331	.00 .00 1.00 .00 0.48 .00 .00 .00 .00 .00 .00 AIR/TNK
5332	00 00 .00 0.52 .00 .00 .00 .00 .00 .00 AIR/CAT/NCK
5333	.00 00 .00 .00 0.52 .00 .00 .00 .00 .00 AIR/CAT/TNK
5334	00 00 00 00 00 0.52 .00 .00 00 00 CAT/NCK
5335	00 00 .00 .00 .00 0.52 .00 .00 .00 .00 CAT/TNK
5336	0.48 0.35 .00 0.35 .00 .00 .00 <b>1.00</b> .00 .00 AIR
5337	.00 00 .00 .00 .00 .00 .00 .00 0.52 .00 .00 CAT
5338	.00 00 .00 .00 0.13 .00 .00 .00 0.65 .00 NCK
5339	.00 .00 .00 .00 .00 .00 0.48 .00 .00 1.00 TNK
5340	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5341	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
5342	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
5343	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
5344	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
5345	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5346	<u>_00</u> _00_00_00 .00 .00 1.00 .00 .00 .00 00 CAT/TNK
5347	-00 00 00 00 00 00 00 00 00 00 00 00 00
5348	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5349	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00
5350	.00 .00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK

5351	4			
5352	**	INCOROT ATO DING		
5353	** 5% AUDII :	INSPECT AIR POM	, CATALIST & FUEL INLET ONE	_ !
5354	**	(I/M AREAS U		
5355	**	0 1 00		EVAR /BCV
5350		0	00 00 00 00 00	ATR/CAT (PREVIOUS)
5357	0.02.00.0	0.00.00.00		ATR/NCK
5358		0 0.05 .00 .00 7 00 0 05 01	00.00.00.00.00.00	
5359		/ .00 0.05 .00 A A A7 AA A		
5360	0.00.00.00.00	0 0.02 .00 .0 0 00 0 97 0	00.00.00.00.00.00	AIR/CAT/TNK
5361		0 00 0.02 .0		
5362	. 00 . 00 . 0	0 00 00 00		
5363		0.00.00.00	A A A B7 AA AA AA	ATR
5364	0.05.00.0	0.00.00.0	3 0000.070000000000000000000000000000000	CAT
5365	.00.007.0	0 00 00 0		NCK
5365		0 0.02 .00 0.0		TNK
5367		0 00 00 00		FOR /CAT (PREVIOUS)
5368		0.00.00.00		FOR /NOK
5359		0.00.00.00		FOR /TNK
5370	.00.00.00.	0.00.00.00	00.00.00.00.00.00	
5371		0 00 1 00 .00	00.00.00.00.00.00	FCR/CAT/TNK
5372	.00.00.0	0 .00 1.00 .00 0 00 00 1 0	00 00 00 00 00 00 00	CAT /NCK
5373	0.00.00.	0 00 00 00		
5374	.00.00.0	0.00.00.0		FCR
5375	.00.00.0	0.00.00.0		CAT
5375	. 00. 00.	0.00.00.0		NCK
53//		0.00.00.0	A AA AA AA AA AA 1 AA	TNK
5378	.00.00.0	0.00.00.0	00 00 00 00 00 00 00	AIR/CAT (PREVIOUS)
53/9	0.52 .00 .0	0.00.00.00	00 00 00 00 00 00	AIR/NCK
5360		5 00 0 13 00	<b>00 00</b> 00 00 00	A TR/TNK
5361	.00.00.0	0 0 5 2 00 0	00 00 00 00 00 00	
5362	.00.00.0	0 0.52 .00 .00 0 00 0 52 01	00 00 00 00 00 00	AIR/CAT/TNK
5384		0 00 0.32 .00	<b>00 00</b> 00 00 00	CAT/NCK
5364		0 00 00 0.J.	A 52 00 00 00 00 00	
5365	0 13 00 0	0 00 00 00 00	0 0 0 65 00 00 00	AIR
5385	0.15.00.0	0 .00 .00 .00 0 00 00 01	a a a a 52 a a a	CAT
5367	.00 .00 .0	a aa aa a a	S 00 00 00 0 0 0 0 00	NCK
5300		5 00 00 00 0.15	A 48 00 00 00 00 100	TNK
5309	1 00 000 00	a aa aa a	00 00 00 00 00 00	FGR/CAT (SUBSEQUENT)
5301	00 1 00 .0	a aa aa aa	00 00 00 00 00	FGR/NCK
5302	00 1.00 10	a aa aa a	00 00 00 00 00 00	EGR/TNK
5303		a 1 00 00 00 00	00 00 00 00 00	EGR/CAT/NCK
5394	.00 .00 .0	<b>a</b> aa 1 aa a	00 00 00 00 00	EGR/CAT/TNK
5395	00 00 0	0 00 00 1 0	00 00 00 00 00	CATINCK
5396	00 -00 0	0_ 00 00 0	1.00 .00 .00 .00 .00	CAT/TNK
5397	00 00 0	0 00 00 0	.00 1.00 .00 .00 .00	EGR
5398	00 00 0	0 00 00 0	00 .00 1.00 .00 .00	CAT
5399	00 00 0	0 00 00 0	00 .00 .00 1.00 .00	NCK
5400	00 00 0	0 .00 .00 .00	00.00.00.00.00	TNK

5401	4
5 <b>40</b> 2	••
5403	••
5404	** NO PROGRAM (UNITY MATRIX)
5405	**
5406	1.00 1.00 1.00 1.00 EVAP/PCV
5407	1.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5408	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
5409	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
5410	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
5411	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
5412	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
5413	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
5414	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
5415	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
5416	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5417	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5418	1.00 00 .00 .00 .00 .00 .00 .00 .00 .00
5419	.00 1.00 .00 .00 .00 .00 .00 .00 .00 .00
5420	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
5421	.00 .00 .00 1.00 .00 .00 .00 .00 .00 .00
5422	.00 .00 .00 .00 1.00 .00 .00 .00 .00 .00
5423	.00 .00 .00 .00 .00 1.00 .00 .00 .00 .00
5424	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
5425	.00 .00 .00 .00 .00 .00 1.00 .00 .00 .00
5426	.00. 00. 00. 00. 00. 00. 00. 00. 00. 00
5427	.00 .00 .00 .00 .00 .00 .00 .00 1.00 .00
5428	.00 00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
5429	1.00 00 .00 .00 .00 .00 .00 .00 .00 .00
5430	.00 1.00 .00 .00 .00 .00 .00 .00 .00 AIR/NCK
5431	.00 00 1.00 00 00 .00 .00 .00 .00 .00 AIR/TNK
5432	.00 00 1.00 00 .00 .00 .00 00 .00 AIR/CAT/NCK
5433	.00 00 00 1.00 00 00 00 00 00 00 AIR/CAT/TNK
5434	00 00 00 00 00 1 00 00 00 00 00 00 CAT/NCK
5435	.00 00 00 .00 .00 .00 1.00 .00 .00 .00 .
5436	00 00 00 00 00 00 00 1.00 00 00 AIR
5437	00 00 00 00 00 00 00 00 100 00 00 CAT
5438	00 00 00 00 00 00 00 00 00 1 00 NCK
5439	.00 .00 .00 .00 .00 .00 .00 .00 1.00 TNK
54 <b>40</b>	1.00 00 00 00 00 00 00 00 00 00 00 00 EGR/CAT (SUBSEQUENT
5441	.00 1 00 .00 .00 .00 .00 .00 .00 .00 .00
5442	.00 .00 1.00 .00 .00 .00 .00 .00 .00 .00
5443	.00 .00 .00 1.00 .00 00 .00 .00 .00 .00
5444	.00 00 .00 1.00 .00 .00 .00 .00 .00 .00
5445	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00
5446	_00 .00 .00 .00 .00 1.00 .00 .00 .00 CAT/TNK
5447	-00-00 00 00 00 00 1.00 00 00 EGR •
5448	00. 00. 00. 00. 00. 00. 00. 00. 00. 00.
5449	.00 .00 .00 .00 .00 .00 .00 .00 1.00 00 NCK
5450	.00 .00 .00 .00 .00 .00 .00 .00 .00 .00

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Appendix C

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## Appendix C

### **Contents of the TEXIN2 Distribution Tape**

This appendix briefly discusses the contents of the TEXIN2 distribution tape. Unless a special request is made, the TEXIN2 tape will contain the files listed in Table C1. The recording characteristics of each file are also presented.

The first file on the tape contains the source code to the TEXIN2 model. Next are the data files for the five examples presented in this User's Guide along with the anti-tampering program data for Examples 2, 3 and 6. The results from each example follows the last example data file. The last file on the tape contains the anti-tampering programs supplied by the EPA with MOBILE3. These programs are presented in Appendix B for convenience. The user should first verify that the results presented on the tape can be obtained using the example data files on the tape before attempting any actual simulations.

Unless a special request is made, all files on the tape are coded in EBCDIC (Extended Binary-Coded-Decimal Interchange Code). All data files and the program source code record lengths are 80 bytes with block sizes of 4000 bytes. The output files from the model (14-19) have record lengths of 133 bytes and block sizes of 1330 bytes.

# Table C1

# Texas Intersection Model (TEXIN2)

Texas Transportation Institute Texas A&M University System College Station, Texas 77843 (409) 845-3361

File	Version	Contents	RECFM	LRECL	BLKSIZE	Code
01	2	TEXIN2 FOR 77	FB	80	4000	EBCDIC
0 <b>2</b>	2	Example 1	FB	80	4000	EBCDIC
03	2	Example 2	FB	80	4000	EBCDIC
04	2	Example 2 LUN49	<sup>·</sup> FB	80	4000	EBCDIC
05	2	Example 2 LUN51	FB	80	4000	EBCDIC
06	2	Example 3	FB	80	4000	EBCDIC
07	2	Example 3 LUN49	FB	80	4000	EBCDIC
08	2	Example 3 LUN51	FB	80	4000	EBCDIC
0 <b>9</b>	2	Example 4	FB	80	4000	EBCDIC
10	2	Example 5	FB	80	4000	EBCDIC
11	2 .	Example 6	FB	80	4000	EBCDIC
12	2	Example 6 LUN49	FB	80	4000	EBCDIC
13	2	Example 6 LUN51	FB	80	4000	EBCDIC
14	2	Result 1	FBA	133	1330	EBCDIC
15	2	Result 2	FBA	133	1330	EBCDIC
16	2	Result 3	FBA	133	1330	EBCDIC
17	2	Result 4	FBA	133	1330	EBCDIC
18	2	Result 5	FBA	133	1330	EBCDIC
19	2	Result 6	FBA	133	1330	EBCDIC
20	2	ATP Data	FB	80	4000	EBCDIC

NOTE: Tape is unlabelled at 1600 bpi

Appendix D

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## Appendix D

#### **TEXIN2 Diagnostic Messages**

This appendix lists the various diagnostic messages that may be printed by TEXIN2. A brief description of the message is also given in most cases.

#### Flags Card Diagnostic Messages

\*\*ERROR\*\* FLAGS MUST HAVE VALUE OF ZERO, ONE, TWO, THREE, OR FOUR

All flags read by the program must be in the range of zero through four, inclusive. This error could also be due to a value of LTFLG on the Link Description Cards greater than one.

#### **\*\*ERROR\*\*** CYCLE LENGTH MUST BE GREATER THAN ZERO

The signal cycle length must be greater than zero for a signalized intersection.

# \*\*WARNING\*\* Too many links inputted

The model is currently capable of handling up to 40 links. These 40 links include the four major intersection links, all NNDL and NDL links, and four pseudolinks that are internally constructed by the model.

# \*\*WARNING\*\* Number of receptors must not be greater than 20

The value assigned to NP on the flags card is greater than 20. The program is currently dimensioned to handle up to 20 receptors.

## Link Description Cards Diagnostic Messages

\*\*ERROR\*\* SUM OF LEFT AND RIGHT TURNING VEHICLE FRACTIONS CANNOT BE GREATER THAN ONE

The sum of the left end-right turn fractions on one of the inputted links is greater than one.

# **\*\*ERROR\*\*** ALL VEHICLES IN T-SECTION ARE NOT TURNING

The sum of the left and right turn fractions for the leg opposite of the missing leg of a T-intersection is not equal to one.

\*\*ERROR\*\* LANE ASSOCIATION NUMBER IS INCORRECT- MUST BE BETWEEN ONE THROUGH FOUR, INCLUSIVE

The value of LA for a link is not in the range between one and four, inclusive.

**\*\*ERROR\*\*** INCORRECT LINK TYPE

The type of link on a link description card is not one of the following: AG (at-grade), DP (depressed section), FL (fill section), or BR (bridge).

\*\*WARNING\*\* Mixing width should be greater than 10 meters

The value of WL for one of the links is less than 4 m. TEXIN2 automatically adds six meters to each link width to account for shoulder width.

\*\*WARNING\*\* Vehicle speed must be between 5 and 55 mph

The value entered for vehicle speed on a link is not between 5 and 55 mph.

### Meteorological Conditions Diagnostic Messages

\*\*ERROR\*\* WIND SPEED MUST BE GREATER THAN ZERO

The wind speed must be greater than 0 m/sec.

\*\*ERROR\*\* WIND ANGLE INCREMENT IS INVALID FOR WORST CASE WIND ANGLE SEARCH

The value of BRG on the meteorological conditions card must be greater than zero when a worst case wind angle search is invoked.

\*\*ERROR\*\* WIND DIRECTION MUST BE BETWEEN 0 AND 360 DEG

The wind direction must be between  $0^{\circ}$  and  $360^{\circ}$ .

\*\*WARNING\*\* Stability class must be between 1 and 6

The Pasquill stability class entered is not between 1 (A) and 6 (F).

\*\*WARNING\*\* Mixing height = 'value of MIXH' m

The mixing height inputted into the model is less than 10 m.

\*\*WARNING\*\* Surface roughness should be between 3 and 400 cm The surface roughness should be between 3 and 400 cm, inclusive.

\*\*WARNING\*\* Averaging time should be between 3 and 120 minutes The averaging time should be between 3 and 120 minutes, inclusive.

\*\*WARNING\*\* Ambient CO concentration is less than zero

The value entered for the background CO concentration is less than zero.

COMMENT: Wind angle will be incremented from 0 to 360 deg by 'value of BRG' deg for worst case analysis

A worst case wind angle analysis has been invoked and the search will proceed at the stated wind angle increment.

#### Mileage/Registration Distribution Diagnostic Messages

# \*\*ERROR\*\* 'value of AMAR(JDX,IV)' NEGATIVE MODEL YEAR MILEAGE

User supplied mileage accrual data for model year JDX and vehicle type IV is negative.

## \*\*ERROR\*\* 'value of JULMYR(JDX,IV)' NEGATIVE MODEL YEAR REGISTRATION

The model year registration fraction is negative. This number should be between zero and one, inclusive, since it represents the fraction of all vehicles in the fleet of a given age.

# \*\*ERROR\*\* MYR OF LDDV NOT EQUAL TO LDGV FOR JDX 'value of JDX' \*\*ERROR\*\* MYR OF LDDT NOT EQUAL TO LDGV FOR JDX 'value of JDX'

The user has entered a different registration distribution for LDGV's than for LDDV's or for LDGT1's than LDDT's. The registration mix for the total LDV (or LDT) fleet is to be input twice for the gasoline powered and diesel powered vehicles (or trucks). MOBILE3 has an internal function that apportions total registrations into the separate gasoline and diesel powered groups. Thus, it is assumed that in MOBILE3 (and TEXIN2) that LDDV's will replace some of their LDG counterparts and will be used in the same way.

# WARNING: 'value of CHKMYR' MYR sum not = 1. (will normalize)

Sum of the model year registration fractions for a given vehicle type do not sum to one. If the model year age registration fractions do not sum to one, TEXIN2 will normalize the fractions accordingly.

WARNING: 'value of JULMYR(JDX,IV)' registration with zero mileage WARNING: 'value of AMAR(JDX,IV)' mileage with zero registration

For a given vehicle age, vehicles either do not accumulate mileage, yet make up a fraction of the fleet, or do not make up a fraction of the fleet but accumulate mileage. If a mileage accrual rate or a registration fraction is zero, both should be zero.

## Vehicle Scenario Card Diagnostic Messages

# \*\*ERROR\*\* REGION MUST BE BETWEEN 1 AND 3, INCLUSIVE

The value placed on the vehicle scenario card for IREJN is not between one and three, inclusive.

\*\*ERROR\*\* PCHC + PCCC (= 'value of PCHC + PCCC') MUST BE BETWEEN 0 AND 100

The sum of the hot/cold starts for vehicles equipped with catalysts must be in the range of 0-100%.

\*\*ERROR\*\* PCHC+PCCC-PCCN (= 'value of PCHC+PCCC-PCCN') MUST BE BETWEEN 0 AND 100

The sum of hot/cold starts for vehicles equipped with catalysts less those without catalysts must be in the 0-100% range.

\*\*ERROR\*\* VEHICLE MIX DOES NOT SUM TO 1.000

The sum of the VMT entered when VMFLAG = 1 is not equal to one.

## **Optional Correction Factors Diagnostic Messages**

WARNING: 'value of AC' out of bounds for AC (0. to 1.)

The value entered for AC on the optional correction factors card is not between zero to one, inclusive.

WARNING: 'value of XLOAD' out of bounds for extra load (0. to 1.)

A value entered for the fraction of vehicles carrying an extra 500 lb load is not in the range of zero to one, inclusive.

WARNING: 'value of TRAILR' out of bounds for trailers (0. to 1.)

A trailer towing fraction is not in the range of zero to one, inclusive.

WARNING: 'value of temperature' valid temperature is 0-110 deg.

The wet and dry bulb temperatures must be between 0°F and 110°F, inclusive.

WARNING: WB temp cannot be greater than DB temp.

The value entered for the wet bulb temperature is greater than the value entered for the dry bulb temperature.

COMMENT: A/C correction factor will be calculated. Value of inputted AC usage parameter is ignored.

This message appears if a value for air conditioning usage other than zero is entered. The air conditioning usage is a function of the temperature. Therefore, the A/C usage calculated in MOBILE3 may vary from the value read.

#### Traffic Algorithm Diagnostic Messages

\*\*WARNING\*\* CMA Planning Procedure will be used to reduce V/C = 'value of V/C'

The CMA Operations and Design Procedure has calculated that the volume to capacity ratio, V/C, is greater than one for a signalized intersection. Since the CMA Planning Procedure is not as stringent, it will be used in an attempt to lower the ratio.

\*\*WARNING\*\* According to the CMA Planning Procedure, intersection volume greater than capacity, V/C = 'value of V/C'

The CMA Planning Procedure has calculated that the volume to capacity ratio, V/C, is greater than one for a signalized intersection. Stopped delay is calculated depending on the value of V/Cin this case.

\*\*WARNING\*\* Link 'link number' is over capacity

The traffic algorithm has calculated that the given link is over capacity. This link may be a part of the major intersection if the intersection is unsignalized. If the major intersection is signalized, this link is one of the NDL links.

#### **Tampering Data Diagnostic Messages**

WARNING: 'value of ZEROML' out of bounds for tampering rate intercept (up to 1.0)

The zero-mileage level of tampering cannot exceed 100% (1.0 as a fraction) of the fleet, for each tampering type and vehicle type.

# Inspection/Maintenance Program Diagnostic Messages

# \*\*ERROR\*\* ISTRIN IS OUT OF RANGE 10 TO 50

The stringency of the I/M program for 1980 and earlier LDV's is not between 10 and 50, inclusive.

# \*\*ERROR\*\* IMTFLG IS OUT OF RANGE 1 TO 2

The mechanics training flag must be equal to 1 or 2.

## \*\*ERROR\*\* MODYR1 CANNOT BE GREATER THAN MODYR2

According the the I/M parameters card, the first model year in an I/M program is greater than the last model year in an I/M program.

## ILDT IS OUT OF RANGE 1 TO 4

Value for the vehicle types to which the I/M is applied is not between 1 and 4.

### **ITEST IS OUT OF RANGE 1 TO 3**

Value of the I/M Technology IV+ short test type flag is not 1, 2, or 3.

## ICUTS IS OUT OF RANGE 1 TO 3

Value of the I/M Technology IV+ cutpoint flag is not 1, 2, or 3.

#### Anti-Tampering Program Diagnostic Messages

\*\*ERROR\*\* COULD NOT OPEN FILE FOR LUN 'value of LUN'

An error occurred when the program attempted to open the ATP credits file associated with logical unit number LUN.

\*\*ERROR\*\* LVT IS OUT OF RANGE 1 TO 2

A value entered for the ATP vehicle class inclusion flag is not 1 or 2.

\*\*ERROR\*\* RATE IS OUT OF RANGE 0 TO 1

Value entered as an exhaust ATP effectiveness rate is not in the range 0.0 to 1.0. These rates act as percentage credits, an hence must be nonnegative and not exceed unity.

\*\*ERROR\*\* AER MATRIX FILE COLUMN SUM OUT OF RANGE 0 TO 1

Each column of both of the exhaust ATP effectiveness rate matrices in the ATP data file must sum to a nonnegative value not greater than one.

END-OF-FILE RETURN ON READ OF UNIT 'unit number' (ATP EFFECTIVENESS RATES). RUN ABORTED.

An end-of-file condition was encountered while reading the ATP credit matrices before all needed data were read. The logical unit number corresponding to the error is listed in the diagnostic message.

ERROR RETURN ON READ OF UNIT 'unit number' (ATP EFFECTIVENESS RATES). RUN ABORTED.

An error was encounted while attempting to read the ATP credit matrices. The error was encountered on the indicated logical unit number.

#### Miscellaneous MOBILE3 Diagnostic Messages

\*\*ERROR\*\* EFFTP>=0 AND GSFRAC=0 FOR VEHICLE TYPE 'value of IV'

Vehicle type described by IV has a positive FTP emission factor and a zero fleet sales fraction.

\*\*ERROR\*\* EFFTP<=0 AND VMTMIX>0 FOR VEHICLE TYPE 'value of IV'

No exhaust emissions exist for the vehicle type described by IV, but vehicles of that type have accumulated a nonzero fraction of the total vehicle fleet mileage.

#### \*\*ERROR\*\* EFIDLE>=0 AND GSFRAC=0 FOR VEHICLE TYPE 'value of IV'

The vehicle type described by IV has a positive idle emission factor and a zero fleet sales fraction.

#### \*\*ERROR\*\* EFIDLE<=0 AND VMTMIX>0 FOR VEHICLE TYPE 'value of IV'

No idle emissions exist for the vehicle type referred to by IV, but the vehicles of that type have accumulated a nonzero fraction of the total vehicle fleet mileage.

## \*\*ERROR\*\* 'year' NOT IN RANGE OF YEARS 'year1' TO 'year2'

A year used internally by TEXIN2 is not in the range of year1 to year2, inclusive.

## \*\*\* Default used for 'year' in index function 'function name'

This message indicates a default exit has been taken from an index function. One or more of the associated year/year's position pairs is in error. The program must be corrected and recompiled before another run.

#### PROGRAM TERMINATING DUE TO ERROR

This message is written any time the program is about to abnormally terminate. The diagnostic messages that precede this message will normally indicate the problem.