

ELECTRICAL/ELECTRONIC SYSTEMS DIAGNOSTIC TERMS, DEFINITIONS, ABBREVIATIONS, AND ACRONYMS— EQUIVALENT TO ISO/TR 15031-2:APRIL 30, 2002 SAE J1930 APR2002

SAE Recommended Practice

Report of the SAE Vehicle E/E Systems Diagnostics Standards Committee approved June 1988, and completely revised September 1991 and June 1993. Revised by the SAE J1930 Task Force of the SAE Vehicle E/E Systems Diagnostics Standards Committee September 1995. Completely revised by the SAE J1930 Electrical/Electronic Systems Diagnostic Terms, Definitions, Abbreviations, and Acronyms Task Force of the SAE Vehicle E/E Systems Diagnostics Standards Committee May 1998 and revised April 2002.

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This SAE Recommended Practice supersedes SAE J1930 MAY1998 and is technically equivalent to ISO/TR 15031-2: April 30, 2002.

Foreword—As the number of sophisticated electrical and electronic (E/E) systems on motor vehicles has increased, the number of terms, abbreviations, and acronyms which describe various components of these systems has increased enormously. To bring some order to the proliferation of such terms, abbreviations, and acronyms, the Vehicle E/E Diagnostic Systems Committee has prepared this document. ាន។ បន្ទាប់ការការការ៉ា ឧប្ប័ប្រ

The nomenclature used to convey automotive service information is being standardized in order to more accurately convey information to technicians faced with the diagnosis and repair of increasingly complex vehicles.

To be properly descriptive, each type of automotive nomenclature requires a consistent methodology. This document is concerned with a methodology for naming objects and systems and with the set of words from which names are

The methodology allows objects and systems to be completely described without ambiguity. It also is able to generate names which distinguish among similar objects or systems without confusion but with brevity. Using terms which are well-defined within the context of the automotive service industry, the methodology allows already existing imprecise names to be suitably changed and future names to be assigned in a predictable way which will reliably convey meaning to

The structure of this SAE document is open-ended by design. As the need arises, additional entries can be added. Because of this flexibility, particular attention should be paid to the month and year publishing code contained in the full "J" number designation.

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1. Scope—This SAE Recommended Practice is applicable to all light-duty gasoline and diesel passenger vehicles and trucks, and to heavy-duty gasoline vehicles. Specific applications of this document include diagnostic, service and repair manuals, bulletins and updates, training manuals, repair data bases, underhood emission labels, and emission certification applications.

This document focuses on diagnostic terms applicable to electrical/electronic systems, and therefore also contains related mechanical terms, definitions, abbreviations, and acronyms. 2222

Even though the use and appropriate updating of this document is strongly encouraged, nothing in this document should be construed as prohibiting the introduction of a term, abbreviation, or acronym not covered by this document.

Certain terms have already been in common use and are readily understood by manufacturers and technicians, but do not follow the methodology of this document. To preserve this understanding, these terms were included and have been identified with the footnote (2), "historically acceptable common usage", so they

will not erroneously serve as a precedent in the construction of new names. These terms fall into three categories:

- a. Acronyms that do not logically fit the term.
- b. Acronyms existing at the component level, i.e., their terms contain the base word or noun that describes the generic item that is being further defined.
- Acronyms for terms that appear to contain the base word, but are frequently used as a modifier to another base word. (This use may possibly be thought of as following the methodology since the acronym is normally used as a modifier.) Private and a series of a
- 2. References—There are no referenced publications specified herein.
- 3. How to Use This Document-To find the recommended term corresponding to an existing term, abbreviation, or acronym; see Table 1, Cross-Reference and Look-Up. See Table 2, Recommended Terms, and Table 3, Glossary of Terms, for definitions of the recommended terms. Use Section 4, Methodology, to construct a new name. Appropriate acceptable usages of Recommended Terms and Acronyms are contained in Table 1.
- 4. Methodology—This naming methodology of describing objects and systems uses modifiers attached to base words. Appropriate modifiers are added to a base word until an object or system is uniquely specified within its context.
- 4.1 Naming Objects—When building names, select the most descriptive base word from the Glossary of Terms (see Table 3). Add modifiers as necessary or as desirable within the context, in the order of most significance to least significance. The most significant word will be the base word, which denotes the basic function of the object. The most significant modifier will be adjacent to the base word, the second most significant will be next to that modifier, and so on until the least significant modifier is added. For the sake of future clarity, an additional modifier can be added to a name at any time, even if there is no present conflict with another object name. Figure 1 illustrates how modifiers can be added to build the name, "Instrumentation Engine Coolant Temperature Sensor."

When naming an object, it is tempting to choose the first modifiers according to the initial purpose for which the object was designed, but this will not always result in the name which is most helpful in the long run to a service technician. The information a technician needs is most often supplied by a term which describes a functional attribute, not purpose.

To ensure accuracy, always check the Glossary definitions of base words and modifiers before including them in a name. The Glossary is intended for diagnostic purposes, but provides only electrical/electronic terms for base words. Base words which describe non-electrical objects (e.g. bolt, screw, bumper) should be used as in the past. Often, names for these objects are created by attaching the appropriate electrical/electronic object name to the mechanical base word. When using a common multiple word modifier, see Tables 1 and 2 to be sure that the modifier is acceptable or if it should be replaced with a more precise term.

- 4.1.1 Base Words—The base word is the most generic term in a name. Simply stated, it answers the question, "What is this object?" In answering this question, the base word does not include information about the location or function of an object within a particular system. Specific information like this is provided by modifiers that are added to the base word. The following are examples of base words: diode, engine, module, motor, pump, relay, sensor, solenoid, switch, valve. The base word is always a noun and the last term in a name as the same as the
- 4.1.2 MODIFIERS—Modifiers provide functional/applicational meaning, system differentiation, and locational/directional information. Modifiers usually express non-electrical ideas to describe base words which, in turn, convey electrical/electronic meaning. The range of modifiers is not limited and is used as necessary to uniquely describe an object in light of present knowledge, past experience, and potential future conflicts. In the ball Advance of the ball and the

Although modifiers are used as adjectives; they are not necessarily terms which would normally be classified as adjectives. While neither "Air" or "Flow" are adjectives, the meaning of "Airflow Valve" is clear to technicians; it is the name of a valve which regulates the flow of air. Both modifiers are nouns functioning as adjectives because of their position, at first an engineering and the second equilibrium

MODIFIERS			#*	BASE WORD	
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* -	n de la companya de La companya de la co	Coolant	Temperature	Sensor	
:	Engine	Coolant	Temperature	Sensor	Most specific
Instrumentation	Engine	Coolant	Temperature	Sensor	-
Least <	·······	SIGNIFIC	ANCE		> Most

FIGURE 1-MODIFIER USAGE EXAMPLE

System modifiers can be added to object names to describe an object's purpose. When using a system name as a modifier in an object name, the word "System" is not included. For example, the device that directs the exhaust gases in the Exhaust Gas Recirculation (EGR) System is named "Exhaust Gas Recirculation (EGR) Valve."

4.1.3 TECHNOLOGICAL TERMS—Technologically specific terms tend to lengthen names without adding a corresponding level of useful service information about the function of an object. Add an appropriate technological modifier to a name only when it describes the primary difference between two objects. For example, the "thick film" technology used to construct the internal circuit of an Airflow Sensor should not be identified in the object's name. However, if necessary for clarity, it would be appropriate to differentiate the relation to a specific external provision by adding "Hot Wire" to "Airflow Sensor."

A technological term should be the first modifier conversationally (farthest from the base word, the position of least significance), unless a directional modifier is also present.

- 4.2 Naming Systems—When constructing a name for a system, consider it to be a combination of a "concept" and the word "System." Develop the concept name according to the rules for object naming and add the word "System." Keep in mind that a concept's most basic attribute is its purpose and that this attribute is described by the term closest to the word "System." For example, "recirculation" is the basic attribute of the Exhaust Gas Recirculation (EGR) concept. The group of components that embody the concept are together named the "EGR System."
- 4.3 Shortened Names—Techniques of shortening, including acronyms and abbreviations, are often necessary when space is limited and when names become awkwardly long. It is preferable to create a name first and its shortened form later, rather than the other way around.
- Abbreviations and acronyms may be constructed not only of the letters of the alphabet, but of numbers, space characters; punctuation marks (such as "I" and "-"), subscripts and any other ASCII characters. Treat the individual acronyms, modifier abbreviations, and base word abbreviations as words, separating them by space characters.
- 4.3.1 ACRONYMS—Specific definitions of acronyms vary, but for the purpose of this document, an acronym is a memorable combination of the first letters of the words of a name. While abbreviations are useful in text where space is limited, acronyms are particularly convenient for shortening verbal communication in addition to written materials. For this reason, acronyms are often pronounceable, which also makes them easy to remember. They are especially useful if a name is long and bulky both on paper and in conversation.

Use acronyms as modifiers or base words within names, such as "EGR System" and "Primary ECM." Do not use them as entire names, like "EGRS." Acronyms and other modifiers may be combined in any meaningful order to modify a base word. The following are examples of acceptable uses of acronyms:

EGR System EGRT Sensore Low Speed FC Switch. High Speed FC Switch at the sensore and utilises it.

Because there are a limited number of useful letter combinations for acronyms, new acronyms should be created for only the most commonly used terms. Also, avoid creating new acronyms by adding letters to those that already exist. For example, when using the acronym "FC" (Fan Control), do not add: "H" or "L" to indicate "High Speed" or "Low Speed." Instead, use additional modifiers.

Usually, the first letters of each word of a name are used to build an acronym, but if a particular word is of little significance, it may be omitted ("United States of America" becomes "USA"). Also, more than the first letter of each word may be used ("Radio Detecting And Ranging" becomes "RADAR"). An acronym like "USA" which contains three letters or fewer may have its letters spoken separately, but a longer acronym such as "RADAR" must be pronounceable or its purpose will be defeated.

All of the letters of an acronym should be capitalized. Acronyms should not contain periods. Until an acronym is widely well-known, it should be accompa-

nied by the spelled-out form when necessary for accurate reader comprehension in any given context.

In the very rare cases of strong historical meaning across all manufacturers, the rules for naming and acronym usage may be broken. For example, "AIR" is the approved acronym for "Secondary Air Injection", instead of "SAI." In fact, because there is no approved name "Primary Air Injection," the term "Secondary Air Injection" would be considered inappropriate. Despite this, historical precedent renders "AIR" and "Secondary Air Injection" the most easily understood terms. "AIR" originally meant "Air Injection Reactor". However, vehicles no longer necessarily use a separate air injector reactor, but instead might have additional air injected to the catalytic converter. Because of the similarity to the prévious system, technicians have expressed a strong desire to retain "AIR" rather than "SAI".

Before using a new acronym, be sure to check Tables 1 and 2 for any conflicts with acronyms already in use.

- 4.3.2 ABBREVIATIONS—Use abbreviations to shorten base words and directional modifiers in written materials. Unlike an acronym, an abbreviation should have only its first letter capitalized and should end with a period. Wire colors are an exception to the rules of capitalization and punctuation. As in the past, they should continue to be completely capitalized in text and not followed by a period (for example, "a BLK wire"). Currently identified abbreviations for base words and modifiers are found in Table 1.
- 4.4 Indexing of Name—Service information index designers consider the importance of each term in a name, and select the most appropriate word(s) to index. They most frequently index base words; following each by its modifier(s) to enhance users retrieval. This document allows the designer flexibility to choose the indexed word(s); while it describes, in detail, the methodology for the conversational word order in text and illustrations. For example, the designer can conform to the methodology of this document and provide the user with the effective retrieval of the conversational name "Left Front Wheel Speed Sensor" by indexing it as "Sensor, Left Front Wheel Speed."
- 4.5 Alphanumeric Descriptors—4.1, 4.2, and 4.3 describe the appropriate methodology to completely describe objects and systems without ambiguity. This section includes naming objects (with base words, modifiers, and technological terms), naming systems and building shortened names.

An "alphanumeric descriptor" can be used in information delivered to the end-user of a scan tool having an 8-character display limitation. An alphanumeric descriptor is not recommended for general use, but can be built from a Recommended Term by replacing position modifier words with numeric digits, and omitting certain self-evident letters.

Alphanumeric position modifiers in an alphanumeric descriptor should be positioned to follow the base word, rather than the conversational practice of preceding the base word.

Figure 2 illustrates how several Recommended Terms and Acronyms can be further shortened into alphanumeric descriptors. The following guidelines should be followed when using or developing alphanumeric descriptors:

- a. First consult Table 2, Recommended Terms in the Acronyms column.
- b. If the term is not included, build a suitable term using 4.1 Naming Object or 4.2 Naming System. Then shorten the term using 4.3 Shortened Names.
- c. If the resultant term is too long for a scan tool with an 8-character display limitation, build an Alphanumeric Descriptor for electronic delivery according to the pattern shown in Figure 2:
- d. Delete or replace characters as required.
- e. Omit spaces depending on the display limitation

EXAMPLE—FUEL PRES becomes FUELPRES

- f. Consult Table 4 for a matching Alphanumeric Descriptor.
- g. If Table 4 does not contain a matching Alphanumeric Descriptor, request an addition, using the Request for Revision form in Appendix A.

Recommended	Acceptable Acronized	Alphanumeric	The left column lists	existing terms, acre	onyms, and abbreviations. The
Term	Usage	Descriptor	column provides the	corresponding acce	ptable usages constructed of r
Diagnostic Trouble Code	DTC Freeze Fame	DTC FRZF	mended terms combine	d with other modifie	ers and/or base words. The acce
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•	₹ ₁ **			<u>3GR</u>	
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A4WD (Automatic 4 Wheel Drive)	130	Automatic 4 Wheel Drive		S4WD	*
,,	an and the trans			A4WD	
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TATE OF THE SUPERIOR OF THE SECOND STREET	TABLE 1—CROSS-REFERENCE AND LOOK-Up ⁽¹⁾⁽²⁾ (continued	
EXISTING USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
Air Cleaner Housing Cover	Air Cleaner Housing Cover	ACL Housing Cover
Air Conditioning	Air Conditioning	A/C
Air Conditioning Sensor	Air Conditioning Sensor	A/C Sensor
Air Control Valve	Secondary Air Injection Control Valve	AIR Control Valve
	70	
Air Fuel Ratio Sensor	Air Fuel Ratio Sensor	A/F Sensor
Air Intake System	Intake Air System	IA System
, iii iiida Oyotom	iiiiaiiv.tiii ojotoiii	
AIRB (Secondary Air Injection Bypass)	Secondary Air Injection Bypass	AIR Bypass
AIRD (Secondary Air Injection Diverter)	Secondary Air Injection Diverter	AIR Diverter
		MAE Sensor
Airflow Meter	Mass Airflow Sensor	VAF Sensor
Airflow Meter	Volume Airflow Sensor	-
Airflow Sensor	Mass Airflow Sensor	MAE Sensor
No. of the Control of	40 . 40 0 . 452	AID D
Air Management	Secondary Air Injection Bypass	AIR Bypass
Air Management 2	Secondary Air Injection Diverter	AIR Diverter
Air Temperature Sensor	Intake Air Temperature Sensor	IAT Sensor
Air Valve	Idle Air Control Valve	IAC Valve
AIV (Air Injection Valve)	Pulsed Secondary Air Injection	PAIR
ALCL (Assembly Line Communication Link)	Data Link Connector	DLC
Alcohol Concentration Sensor	Flexible Fuel Sensor	FF Sensor
ALDL (Assembly Line Diagnostic Link)	Data Link Connector	DLC
ALT (Alternator)	Generator	GEN
Alternator	Generator	GEN
AM (Air Management)	Secondary Air Injection Bypass	AIR Bypass
AM2 (Air Management 2)	Secondary Air Injection Diverter	AIR Diverter
		AAT
Ambient Air Temperature	Ambient Air Temperature	APP
APP (Accelerator Pedal Position)	Accelerator Pedal Position	55.13
APS (Absolute Pressure Sensor)	Barometric Pressure Sensor	BARO Sensor
ATO (At Tanana and Inc. Common)	totals National Observations Comment	IAT Comment
ATS (Air Temperature Sensor)	Intake Air Temperature Sensor	IAT Sensor
Automatic 4 Wheel Drive	Automatic 4 Wheel Drive	A4WD
Automatic Temperature Control	Climate Control	CC
Automatic Transaxle	Automatic Transaxle	<u>A/T</u>
Automatic Transmission	Automatic Transmission	<u>A/T</u>
B+ (Battery Positive Voltage)	Battery Positive Voltage	<u>B+</u>
The state of the s		the state of the s
Backpressure Transducer	Exhaust Gas Recirculation	EGR Backpressure Transducer
	Backpressure Transducer	
BARO (Barometric Pressure)	Barometric Pressure	BARO
Barometric Pressure Sensor	Barometric Pressure Sensor	BARO Sensor
Battery Positive Voltage	Battery Positive Voltage	<u>B+</u>
BC (Blower Control)	Blower Control	<u>BC</u>
BLM (Block Learn Matrix)	Long Term Fuel Trim	Long Term <u>F</u> T
BLM (Block Learn Memory)	Long Term <u>Fuel Trim</u>	Long Term <u>FT</u>
BLM (Block Learn Mutiplier)	Long Term <u>Fuel Trim</u>	Long Term <u>FT</u>
Block Learn Integrator	Long Term Fuel Trim	Long Term <u>FT</u>
Block Learn Matrix	Long Term Fuel Trim	Long Term FT
		•
Block Learn Memory	Long Term <u>Fuel Trim</u>	Long Term EX
Block Learn Multiplier	Long Term Fuel Trim	Long Term FI
Blower Control	Blower Control	BC
Blower Control Module	Blower Control Module	BC Module
Blower Motor Speed Controller	Blower Control Module	BC Module
PD (Perometria Pressure) C	Parametria Progruma Con	BABO Conner
BP (Barometric Pressure) Sensor	Barometric Pressure Sensor	BARO Sensor
BPP (Brake Pedal Position)	Brake Pedal Position	BPP
Brake Pedal Position	Brake Pedal Position	<u>BPP</u>
Brake Pressure	Brake Pressure	Brake Pressure
BUS Negative :	Bus Negative	BUS N
BUS Positive	Bus Positive	BUS P
BUS N	Bus Negative	BUS N
RUS D	Puo Positivo	DITO

Bus Positive

BUS P

ļ

BUS P

Calculated Load Value	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
Calculated Load Value	Calculated Load Value	Load (Apro 1950) and Green with
C ³ I(Computer Controlled Coil Ignition)	Electronic Ignition	夏 (se losid m ガル _c とかった。取る
2 25 2 2 3	modern on the training to the	from eight to eff that great the security is self-
CAC (Charge Air Cooler)	Charge Air Cooler	CAC
Camshaft Position	Camshaft Position (1.1 English From 1)	
Camshaft Position Actuator		CMP (no da 3 da 15 um 15
Ones had Davids and All H	Camshaft Position Actuator 11 - 2 45- 4- 4- 4- 10	CMP Actuator 109/98 (Actual of Supervisibility
Camshaft Position Controller	Camshaft Position Actuator	CMP Actuator Garage Annual Company
Camshaft Position Sensor	Camshaft Position Sensor	CMP Sensor(\$15776) A (1951 A 211196) Finanti (1961)
MAN.	5.75	្រស់ នៃក្រុ
Camshaft Sensor	Camshaft Position Sensor	CMP Sensor
Camshaft Timing Actuator	Camshaft Position Actuator	CMP Actuator Promoted accept Texts
Canister	Canister	
Canister Say Ago		Canister (tardateO modul ti O ascars 0.00
Canister Purge Add and Age	Evaporative Emission Canister	EVAP Canister Ships of the Ships Ships
-	Evaporative Emission Canister Purge	EVAP Canister Purge
• 1	nge MELLING	student in List of Medicine
Canister Purge Vacuum Switching Valve	Evaporative Emission Canister Purge Valve	EVAP Canister Purge Valve
Canister Purge Valve	Evaporative Emission Canister Purge Valve	EVAP Canister Purge Valve 1 34 00 020 14 02000
Canister Purge VSV	Evaporative Emission Canister Purge Valve	
(Vacuum Switching Valve)	Exaporative Emission Callister Furge valve	EVAP Canister Purge Valve and the about the Control of the Control
CANP (Canister Purge)	Evaporative Emission Canister Purge	FVAP Cenister Purce
CARR (O-thursten)	Conhunates	EVAP Canister Purge stage on section occurrend
CARB (Carburetor)	Carburetor professional and the state of the	CARB SUPPLY FOR THE SECOND SECOND
Onder Divide		
Carbon Dioxide	Carbon Dioxide prepared throughways and	CO2 697 and one fall yate unbuict
Carbon Monoxide	Carbon Monoxide	CO manager that the first and the con-
Carburetor	Carburetor	CARB
Catalytic Converter Heater		
00 (011- 0	Catalytic Converter Heater	Catalytic Converter Heater
in the second	Climate Control	📿 🔾 Rodišak) 🔾 🔾
	Starfall Alaifean	(horeon tuen at 10) 4-0
CCC (Converter Clutch Control)	Torque Converter Clutch	TCC house 8 sections of the Picture of the
CCO (Converter Clutch Override)	Torque Converter Clutch	TCC (Approximate the Market Consult) UNIC
CCRM (Constant Control Relay Module)	Relay Mode	BM
CCS (Coast Clutch Solenoid)	· · · · · · · · · · · · · · · · · · ·	
CCC (Carest Chatch Colors 1934)	Coast Clutch Solenoid	CCS Appeared a size Time and warry 870
CCS (Coast Clutch Sciencia) Valve	Coast Clutch Solenoid Valve, 28 and 19 (Solenoid 1997)	CCS Valve
	60 전화를 받는 하고 있다.	กราง เมือง เมือ
CDI (Capacitive Discharge Ignition)	Distributor Ignition has a sale notice of the result in the	DI State Die Green Anderbook
CDROM (Compact Disc Read Only Memory)	Compact Disc Read Only Memory	CDROM ps. 2 trans trans
Central Multiport Fuel Injection	Central Multiport Fuel Injection	Central MFI
Central Sequential Multiport Fuel Injection	Control Multinost Fuel Injection	01-051
CES (Clutch Engage Switch)	Object Building M. C. H. I.	000 0 11 1
(Clutch Pedal Position Switch	CPP Switch But 157 / DF 856 NO
OFI (Ohad Facel below)		nadist - of stall not end
CFI (Central Fuel Injection	Throttle Body Fuel Injection	TBI Fabrica Conto, KOTO
CFI (Continuous Fuel Injection)	Continuous Fuel Injection	CFI (notices) constituting the
CFV (Critical Flow Venturi)	Critical Flow Venturi	CFV
Charcoal Canister	Evaporativa Emission Conjetes	
Charge Air Cooler	0	EVAP Canister (theres 0 or early sep 20 tenues () 320
	Charge Air Cooler	CAC yf:MWS states, inv. if aller on 800
Charle France	the same for the Section 1999	Artisanis — Literaturatura
Check Engine	Service Reminder Indicator	SRI (excentrificate augus estimation) 1990
Check Engine	Malfunction Indicator Lamp	MIL (1.54m kell all anvelaumeren) 1777
CID (Cylinder Identification) Sensor	Camshaft Position Sensor	CMP Sensor Regres 3 (popular la 1997) (Al actividad
CIS-E (Continuous Injection System Electronic)	Continuous Fuel Injection	OF
CIS (Continuous Injection System)	the state of the s	9 372
olo (commudus injection dystem)	Continuous Fuel Injection	<u>CFI</u>
S	Var di 1918 (1918)	egyption of well-suit
CKP (Cranksahft Position)	Crankshaft Position 2000 Surrent	CKP 12 March day
CKP (Crankshaft Position) Sensor	Crankshaft Position sensor	CKP Sensor (Application of the Application of the A
CL (Ciosed Loop)	Olerant Land	
Climate Control	Climate Control	
Closed Bowl Distributor	afficial care in a set of the	The state of the s
	Distributor Ignition	<u>Dl</u>
Olegand Thurstella Decition	(2) 基本 (ණ. සම්ක්ර වැට
Closed Throttle Position	Closed Throttle Position	CTP reduced Longith 100 Cont
Closed Throttle Switch	Closed Throttle Position Switch	CTP Switch
CLS (Closed Loop System)	Closed Loop	and the anti-
Clutch Engage Puitch	Objects Design Co. 10.1	ODD O 11
Clutch Pedal Position Switch	The Control of the Co	CPP Switch deadG—make spat rounting of
	Clutch Pedal Position Switch	CPP Switch
AD FOR SPECIAL POLICE OF THE CONTROL	A professional and the second	RATINSSA SER LUM LANG TELEPO A
Clutch Start Switch and out The Line	Clutch Pedal Position Switch	CPP Switch Insurance (needed to use the entitlement of
Clutch Switch	Clutch Pedal Position Switch	CPP Switch I favor a Librar State but 41 Bibling
Cidion Cirilon	Oldicit Coal Fosition Switch	

14.74. P.A.C. EXISTING USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
CLV (Calculated Load Value)	Calculated Load Value	Load
CMFI (Central Multiport Fuel Injection)	Central Multiport Fuel Injection	Central MFI
CMFI (Central Multiport Fuel Injection)	Central <u>Multiport Fuel Injection</u>	See Table 4
CMP (Camshaft Position)	Camshaft Position	CMP
CMP (Camshaft Position) Sensor	Camshaft Position Sensor	CMP Sensor
CO (Carbon Monoxide)	Carbon Monoxide	<u>CO</u>
CO (Carbon Monoxide) Potentiometer	Carbon Monoxide Potentionmeter	CO Potentionmeter
CO2 (Carbon Dioxide)	Carbon Dioxide	CO2
CO2 (Carbon bloxide)	<u> </u>	117.6
Coast Clutch Solenoid	Coast Clutch Solenoid	CCS
COC (Continuous Oxidation Catalyst)	Oxidation Catalytic Converter	OC .
Onest Obstate Onlaw and Makes	Coast Clutch Solenoid Valve	CCS Valve
Condenser	Distributor Ignition Capacitor	DI Capacitor
Constant Control Relay Module	Relay Module	BM
Constant Control Helay Woulde	Here's Module	Lina
Constant Volume Complex	Canatant Valuma Samplar	CVC
Constant Volume Sampler	Constant Volume Sampler	CVS CONTRACTOR
Continuous Fuel Injection	Continuous Fuel Injection	<u>CFI</u>
Continuous Injection System	Continuous Fuel Injection System	<u>CFI</u> System
Continuous Injection System-E	Electronic Continuous Fuel Injection System	Electronic <u>CFI</u> System
Continuous Trap Oxidizer	Continous Trap Oxidizer	CTOX
Continuously Variable Transaxle	Continuously Variable Transaxle	CVT
Continuously Variable Transmission	Continuously Variable Transmission	<u>CVT</u>
		$\sim - c_0 p_{\rm deg} 1$
Coolant Temperture Sensor	Engine Coolant Temperature Sensor	ECT Sensor
CP (Crankshaft Position)	Crankshaft Position	СКР
CPP (Clutch Pedal Position)	Clutch Pedal Position	CPP
CPP (Clutch Pedal Position) Switch	Clutch Pedal Position Switch	CPP Switch
CPS (Camshaft Position Sensor)	Camshaft Position Sensor	CMP Sensor
or o (barranari rosmon densor)	<u>Cernalidit i Califori</u> Geraci	<u>givi</u> delisti
CPS (Crankshaft Position Sensor)	Crankshaft Position Sensor	CKP Sensor
Crank Angle Sensor	Crankshaft Position Sensor	CKP Sensor
Crankshaft Position	Crankshaft Position	<u>CKP</u>
Crankshaft Position Sensor	Crankshaft Position Sensor	CKP Sensor
Crankshaft Speed	Engine Speed	RPM
	1 4 1 M	the property of the second
Crankshaft Speed Sensor	Engine Speed Sensor	RPM Sensor
Critical Flow Venturi	Critical Flow Venturi	<u>CFV</u>
CTO (Continuous Trap Oxidizer)	Continuous Trap Oxidizer	CTOX
CTOX (Continuous Trap Oxidizer)	Continuous Trap Oxidizer	CTOX
CTP (Closed Throttle Position)	Closed Throttle Position	CTP
		$\mathcal{L} = \mathcal{R}$
CTS (Coolant Temperature Sensor)	Engine Coolant Temperature Sensor	ECT Sensor
CTS (Coolant Temperature Switch)	Engine Coolant Temperature Switch	ECT Switch
CVS (Constant Volume Sampler)	Constant Volume Sampler	<u>CVS</u>
CVT (Continuously Variable Transaxle)	Continuously Variable Transaxle	CVT
CVT (Continuously Variable Transmission)	Continuously Variable Transmission	CVT
Cylinder ID (Identification) Sensor	Camshaft Position Sensor	CMP Sensor
D-Jetronic	Multiport Fuel Injection	MEI
Data Link Connector	Data Link Connector	DLC
Detonation Sensor	Knock Sensor	KS .
DFI (Digital Fuel Injection)	Multiport Fuel Injection	MFI
DFI (Direct Fuel Injection)	Throttle Body Fuel Injection	TBI
DI (Direct Injection)		DFI
	<u>Direct Fuel Injection</u>	घर
DI (Distributor Ignition)	Distributor Ignition	<u>DI</u>
DI (Distributor Ignition) Capacitor	<u>Distributor Ignition</u> Capacitor	DI Capacitor
Diagnostic Test Mode	Diagnostic Test Mode	<u>DTM</u>
Diagnostic Trouble Code	Diagnostic Trouble Code	<u>DTC</u>
DID (Direct Injection—Diesel)	Direct Fuel Injection	<u>DFI</u>
Differential Pressure Foodback FCD	Differential Brossum Foodback Fulcture	Differential Procesure Feedback
Differential Pressure Feedback EGR (Exhaust Gas Recirculation) System	Differential Pressure Feedback Exhaust Gas Recirculation System	Differential Pressure Feedback <u>EGR</u> System
Digital EGR (Exhaust Gas Recirculation)	Exhaust Gas Recirculation	EGR
Direct Fuel Injection	Direct Fuel Injection	DEL

DLI (Distributoriess Ignition) Drive Motor) Drive Motor Control Module) Drive Motor Control Module) Drive Motor Control Module Drive Motor Power Inverter) Drive Motor Control Module Drive Motor Cover Inverter Module Drive Motor Drive Motor Power Inverter Module Drive Motor Drive Motor Drive Motor Power Inverter Module Drive Motor Drive M	TO THE STATE OF TH
DIS (Distributoriess Ignition System) Electronic Ignition System) Janition Control Module DIS (Distributoriess Ignition System) Module Distributor Ignition Distributoriess Ignition Distributoriess Ignition Distributoriess Ignition DIC (Data Link Connector) DIC (Data Motor Control Module) Dire Motor Control Module Dire Motor Control Module Dire Motor Power Inverter Module Dire Motor Control Module Dire Motor	Light TAGE THE TOTAL TAGE THE TAGE TO THE THE THE TAGE TO THE THE THE THE THE THE THE THE
Distributoriese Ignition System) Module Distributoriese Ignition Distributoriese Ignition Distributoriese Ignition Distributoriese Ignition Distributoriese Ignition Distributoriese Ignition Dit. (Data Link Connector) DLC (Data	STATE OF THE STATE
DIS (Distributoriess ignition System) Module Distance Sensor Vehicle Speed Sensor Vehicle Speed Sensor Vehicle Speed Sensor Distributor ignition Distributor ignition Distributor ignition Distributor ignition Distributor ignition DLC (Data Link Connector) DLC (Data Module) DLC (Data Link Connector) DLC (Data Module) DLC (Data Link Connector) DLC (Data M	AL TOTAL THE TOTAL THE THE THE TOTAL THE THE THE THE THE THE THE THE
Module Season Module M	THE TOURS OF THE T
Distributor (gration platform) DMC (Diver Motor) DMC (Diver Motor) DMC (Diver Motor Control Module) DMC (Diver Motor Control Module) DMC (Diver Motor Control Temperature) DMC (Diver Motor Power Inverter) DMC (Diver Motor Power Inverter) DMC (Diver Motor Control Module) Drive Motor Control Module Drive Motor Control Sensor) Drive Motor Control Sensor Drive Motor Control Module Drive D	TOTAL BE TO SEED TO SE
Distributor Ignition Distributor Ignition Dic (Potal Link Connector) Distributoriess Ignition Dic (Potal Link Connector) Data Link Connector) Data Link Connector Did (Distributoriess Ignition) Did (Dive Motor) Dive Motor DMCM (Dive Motor Control Module) DMCM (Dive Motor Control Module) DMCM (Dive Motor Control Module) DMCT (Drive Motor Coolean Temperature) DMCT (Drive Motor Power Inverter) DMCT (Drive Motor Power Inverter) DMPI (Motor Motor Power Inverter) DMPI (Drive Motor Power Inverter) Drive Motor Control Module Drive Motor Control Module Drive Motor Control Module Drive Motor Power Inverter Module Drive Mo	CONTROL TO THE CONTROL OF THE CONTRO
Distributoriess Ignition DLG (Data Link Connector) DLG (Distributoriess Ignition) Electronic Ignition DLG (Dive Motor) DLG (Dive Motor Control Module) DLG (Dive Motor Power Inverter) DLG (Dive Motor Power Inverter) DLG (Dive Motor Power Inverter) DLG (Dive Motor Control Module) Drive Motor Control Module Drive Motor Power Inverter Module Drive Driver Drive Motor Power Inverter Module Driver Driver Driver Drive Motor Power Inverter Module Driver D	COM BOTH TO SERVE TO
Data Link Connector Data Link Connector DLC (Distributoriess Ignition) DLC (Distributoriess Ignition) DMC (Dive Motor) DMCM (Drive Motor Control Module) DMCM (Drive Motor Coolant Temperature) DMCM (Drive Motor Coolant Temperature) DMCD (Drive Motor Power Inverter) DMCD (Drive Motor Coolant Temperature) DMCD (Drive Motor Power Inverter Module) DMCD (Drive Motor Power Inverter Mod	TURNET OF THE STATE OF THE STAT
DLI (Distributoriess Ignition) Electronic Ignition El DMC (Drive Motor) Drive Motor Control Module) Drive Motor Control Module Drive Motor Control Module Drive Motor Control Module Drive Motor Control Module Drive Motor Power Inverter) Drive Motor Power Inverter Module Drive Motor Control Module Drive Motor Power Inverter Module Drive Drive Motor Power Inverter Module Drive Module Drive Module Drive Module Drive Motor Power Inverter Module Drive Module Drive Module Drive Module Drive Module Drive Module Drive	CONTROL OF STATE OF THE STATE O
DIL (Dierrbutoriess Ignition) Dive Motor DM (Drive Motor) DM (Drive Motor Control Module) Dive Motor DMCT (Drive Motor Coolant Temperature) Drive Motor Coolant Temperature) Drive Motor Coolant Temperature) Drive Motor Coolant Temperature Drive Motor Coolant Temperature Drive Motor Control Module Drive Motor Coolant Temperature Electrolic Module Drive Motor Coolant Temperature Electrolic Module Electro	COLUMN TO SERVICE TO S
Diffye Motor Diffye Diffye	PUR BUSSELLE STREET, TO VIEW T
DMCM (Drive Motor Control Module) DMCT (Drive Motor Coolant Temperature) DMCT (Drive Motor Coolant Temperature) DMCT (Drive Motor Coolant Temperature) DMCT (Drive Motor Power Inverter) Module Drive Motor Drive Motor Drive Motor Drive Motor Control Module Drive Motor Coolant Temperature Drive Motor Power Inverter Module Drive Motor Coolant Temperature Drive Motor Power Inverter Module Drive Motor Coolant Temperature Drive Motor Coolant Tem	O PERSONAL PROPERTY OF THE PRO
DMCT (Drive Motor Coolant Temperature) DMPI (Drive Motor Power Inverter) Module Drive Motor Drive Motor Drive Motor Drive Motor Drive Motor Control Module Drive Motor Coolant Temperature Drive Motor Power Inverter Module Drive Motor Power Inverter Mod	2) . 154 47 20.09 70 02 31 70
DMPI (Crive Motor Power Inverter) Drive Motor Drive Motor Drive Motor Drive Motor Control Module Drive Motor Control Module Drive Motor Coolant Temperature Drive Motor Coolant Temperature Drive Motor Coolant Temperature Drive Motor Power Inverter Module Drive Motor Power Inverter Module Drive Motor Power Inverter Module Driver Driver Drive Motor Power Inverter Module Driver Driver Drive Motor Power Inverter Module Driver Module Differ Module Driver Driver Driver Driver Driver Module Differ Module Driver Module Driver MSS DTC (Diagnostic Test Module DTC (Diagnostic Test Mode) DITC (Diagnostic Test Mode) Diagnostic Test Mode DTM Threa Way + Oxidation Catalytic Conventiar Duty Solenoid for Purge Valve Drynamic Pressure Control Solenoid Dynamic	2) (10 4 47) 20 (49) 70 723 31 70 (10 7) 31 70 (10 7) 31 80 7) 31 70 70 70 31 40 40 70 31 40 40 70
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Drive Motor Drive Motor Control Module Drive Motor Control Module Drive Motor Control Module Drive Motor Coolant Temperature Drive Motor Power Inverter Module Driver Driver Driver Driver Driver Driver DS (Detonation Sensor) Knock Sensor KS DTC (Diagnostic Trouble Code) Diagnostic Trouble Code DTG (Diagnostic Trouble Code) Diagnostic Test Mode DTM (Diagnostic Test Mode) Dual Bed Three Way + Oxidation Catalytic Converter Duty Solenoid for Purge Valve Dynamic Pressure Control Solenoid Dynamic Pressure Control Solenoid Valve Dynamic Pressure Control Solenoid Valve E2PROM (Electrically Erasable Programmable Read Only Memory) Early Fuel Evaporation EFE EATX (Electronic Automatic Transmission/Transacke) EATI (Electronic Automatic Transmission/Transacke) EC (Engine Coolant Level) ECM (Electronic Module) Engine Coolant Level ECM (Engine Coolant Temperature) ECT	STEEL AF EURES STULL LINES ERVES LINES ERVES ER ERRES LINES ERRES LINES
Drive Motor Control Module Drive Motor Coolant Temperature Drive Motor Coolant Temperature Drive Motor Power Inverter Module Drive Motor Power Inverter Module Drive Motor Power Inverter Module Driver Driver Driver Driver Driver Driver Stage Motor Power Inverter Module Driver Driver Driver Driver Driver Minock Sensor Stage Driver Knock Sensor Michael Code Driver Driver Driver Michael Code Driver Driver Dynamic Pressure Control Dynamic Pressure Control Dynamic Pressure Control Solenoid Dynamic Pressure Control S	ELEVERYALI I B. VALRE HAMBER LID HAMBER
Drive Motor Coolant Temperature Drive Motor Coolant Temperature Drive Motor Power Inverter Module Driver Drive Motor Power Inverter Module Driver Driver Drive Motor Power Inverter Module Driver KS Corporation Driver Driver Driver Driver KS DTC (Diagnostic Trouble Code) Diagnostic Test Mode Driver KS Driver Driv	ELEVERYALI I B. VALRE HAMBER LID HAMBER
Drive Motor Power Inverter Module Driver DS (Detonation Sensor) Knock Sensor KS DTC (Diagnostic Trouble Code) Dlagnostic Trouble Code DTC DTM (Diagnostic Test Mode) Diagnostic Test Mode DIM Dual Bed Driver KS DTC (Diagnostic Trouble Code) DTC DTM Driver Drive	man Chin I II manada
Driver Dr	751 h.g.(g)
DS (Detonation Sensor) Knock Sensor KS DTC (Diagnostic Trouble Code) Diagnostic Trouble Code DTM (Diagnostic Test Mode) Dual Bed Three Way + Oxidation Catalytic Converter Duty Solenoid for Purge Valve Evaporative Emission Canister Purge Valve Dynamic Pressure Control Dynamic Pressure Control Dynamic Pressure Control Solenoid Dynamic Pressure Control S	
DTC (Diagnostic Trouble Code) Diagnostic Trouble Code DTM (Diagnostic Trouble Code) Diagnostic Test Mode Dual Bed Three Way + Oxidation Catalytic Converter Duty Solenoid for Purge Valve Evaporative Emission Canister Purge Valve Dynamic Pressure Control Dynamic Pressure Control Dynamic Pressure Control Solenoid Dynamic Pressure Control Soleno	err 87,858
DTC (Diagnostic Trouble Code) Diagnostic Trouble Code DTM (Diagnostic Trouble Code) Diagnostic Test Mode Dual Bed Three Way + Oxidation Catalytic Converter Duty Solenoid for Purge Valve Evaporative Emission Canister Purge Valve Dynamic Pressure Control Dynamic Pressure Control Dynamic Pressure Control Solenoid Dynamic Pressure Control Soleno	ani, pulkanana
DTM (Diagnostic Test Mode) Diagnostic Test Mode) Diagnostic Test Mode Dual Bed Three Way + Oxidation Catalytic Converter Duty Solenoid for Purge Valve Evaporative Emission Canister Purge Valve Dynamic Pressure Control Dynamic Pressure Control Dynamic Pressure Control Solenoid Dynamic Pressure Control Memory Early Fuel Evaporation Erproductive Transmission Art	
Dual Bed Three Way + Oxidation Catalytic Converter Duty Solencid for Purge Valve Evaporative Emission Canister Purge Valve Dynamic Pressure Control Dynamic Pressure Control Dynamic Pressure Control Solencid Valve E2PROM (Electrically Erasable Programmable Read Only Memory) Early Fuel Evaporation Early Fuel Evaporation EFE EATX (Electronic Automatic Transmission/Transaxle) EC (Engine Control) Engine Coolant EC (Engine Control) Engine Coolant Level) Engine Coolant Level ECI (Engine Control Module) ECI (Engine Coolant Temperature)	
Duty Solenoid for Purge Valve Converter Evaporative Emission Canister Purge EVAP Canister Purge Valve	
Duty Solenoid for Purge Valve Evaporative Emission Canister Purge Valve Dynamic Pressure Control Dynamic Pressure Control Dynamic Pressure Control Dynamic Pressure Control Dynamic Pressure Control Solenoid Dynamic Pressure Control Memory EEPROM EEPROM EEPROM EEPROM EFE EATX (Electronic Automatic Transmission/Transaxie) EATY (Electronic Automatic Transmission/Transaxie) EATY (Electronic Automatic Transmission/Transaxie) ECE EATX (Electronic Automatic Transmission/Transaxie) ECE EATX (Electronic Control Assembly) Engine Coolant ECI ECI ECI ECI ECI ECI ECI EC	
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EATX (Electronic Automatic Transmission A/T Transmission/Transaxle) EC (Engine Control) ECA (Electronic Control Assembly) ECA (Electronic Control Assembly) ECA (Electronic Control Assembly) ECA (Engine Coolant Level) ECA (Engine Coolant Level) ECA (Engine Control Module) ECA (Engine Control Module) ECA (Engine Coolant Temperature) ECT (Engine Coolant Temperature) ECT (Engine Coolant Temperature)	15118
Transmission/Transaxle) EC (Engine Control) Engine Coolant EC (Engine Control Assembly) ECL (Engine Coolant Level) ECL (Engine Coolant Level) ECM (Engine Control Module) ECT (Engine Coolant Temperature) Engine Coolant Temperature ECT (Engine Coolant Temperature)	e charitet.
EC (Engine Control) Engine Coolant EC ECA (Electronic Control Assembly) ECL (Engine Coolant Level) ECL (Engine Control Module) ECL (Engine Control Module) ECL (Engine Control Module) ECT (Engine Coolant Temperature) ECT (Engine Coolant Temperature)	i di pubbli.
ECA (Electronic Control Assembly) Powertrain Control Module ECL (Engine Coolant Level) ECM (Engine Control Module) ECM (Engine Control Module) ECT (Engine Coolant Temperature) ECT (Engine Coolant Temperature) ECT (Engine Coolant Temperature)	27 : 0; W S
ECL (Engine Coolant Level) Engine Coolant Level ECM (Engine Control Module) Engine Control Module Engine Control Module ECT (Engine Coolant Temperature) Engine Coolant Temperature ECT (Engine Coolant Temperature)	
ECM (Engine Control Module) Engine Control Module Engine Control Module ECM ECM ECM ECM ECM ECM ECM EC	
ECT (Engine Coolant Temperature) SEE Engine Coolant Temperature SEE Engine Coolant Temperature ECT (Engine Coolant Temperature SEE Engine Coolant Temperature SEE ENGINE ECT SECURITIES SEE ENGINE ECT SECURITIES SEE ENGINE ECT SECURITIES SEE ENGINE ECT SECURITIES SE	
ECT (Engine Coolant Temperature) Engine Coolant Temperature ECT Is come.	noonii ja
ECT/Francisco Content Towns when A Content	ಚಾರಿ ಚ್ರಾ
	600 HB (1
ECT (Engine Coolant Temperature) Sender Engine Coolant Temperature Sensor ECT Sensor	
ECT (Engine Coolant Temperature) Sensor	10-75
ECT (Engine Coolant Temperature) Switch Section 1981 Engine Coolant Temperature Switch Section 1981 ECT Switch Section 1981	೦ ಆಟ್ಬರಕ
ECU4 (Electronic Control Unit 4) *** *** *** *** *** *** *** *** ***	` <=:::.£
wing2主: No National Windows (Management of State of the Conference of the Conferen	
EDF (Electro-Drive Fan) Control 6000000000000000000000000000000000000	transfer to
EDIS (Electronic Distributor Ignition Distributor Ignition System DI System System)	
EDIS (Electronic Distributor Ignition Distributor Ignition Control Module Distributor Ignition Control Module	
System) Module	
EDIS (Electronic Distributorless Ignition Electronic Ignition System EI System	
System) Suffered G.S.R. Service Gallery Street (Street	
EC	
FEO (Flatter) Francisco (Barro Chillian	9 No. 1, 40N
EEC (Electronic Engine Control) Processor Powertrain Control Module PCM	ค.ศ. 140) - พ.ศ. (ค.ศ.)
EECS (Evaporative Emission Control Evaporative Emission System EVAP System	9 % (140) 1525, % 58
Evaporative Emission System	리 (s. 1940) - Tuby (s. 17년 아이아는 (s. 1949)
EEPROM (Electrically Erasable Electrically Erasable Programmable EEPROM	리 (s. 1940) - Tuby (s. 17년 아이아는 (s. 1949)
Programmable Read Only Memory) Read Only Memory FEE (Forth End Disposation)	현실 (1435) - 124, 현실 2005, 원인 현 - 1210/14 - 1210/141
EFI (Electronic Fuel Injection) ** The Free State Stat	River (1990) Tuby feetig Stones Selve B Tuby Selve B Selve Selve Selve Belle Selve B

EXISTING USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
EFI (Electronic Fuel Injection)	Throttle Body Fuel Injection	IBI
FT (Engine Fuel Temperature)	Engine Fuel Temperature	<u>EFT</u>
FT (Engine Fuel Temperature) Sensor	Engine Fuel Temperature Sensor	EFT Sensor
GO (Exhaust Gas Oxygen) Sensor	Oxygen Sensor	O2S
GOS (Exhaust Gas Oxygen Sensor)	Oxygen Sensor	O2S
COO (Extrador das Oxygen denies)	SATISTI SATISTI	30.532
GR (Exhaust Gas Recirculation)	Exhaust Gas Recirculation	EGR
GR (Exhaust Gas Recirculation)	Exhaust Gas Recirculation Diagnostic	EGR Diagnostic Valve
Diagnostic Valve	Valve	3
GR (Exhaust Gas Recirculation) System	Exhaust Gas Recirculation System	EGR System
GR (Exhaust Gas Recirculation) Thermal	Exhaust Gas Recirculation Thermal	EGR TVV
Vacuum Valve	Vacuum Valve	
GR (Exhaust Gas Recirculation) Valve	Exhaust Gas Recirculation Valve	EGR Valve
GR TVV (Exhaust Gas Recirculation	Exhaust Gas Recirculation Thermal	EGR TVV
Thermal Vacuum Valve)	Vacuum Valve	×.
GRT (Exhaust Gas Recirculation Temperature)	Exhaust Gas Recirculation Temperature	EGRT
GRT (Exhaust Gas Recirculation	Exhaust Gas Recirculation Temperature	EGRT Sensor
Temperature) Sensor	Sensor	•
GRV (Exhaust Gas Recirculation Valve)	Exhaust Gas Recirculation Valve	EGR Valve
GRVC (Exhaust Gas Recirculation Valve	Exhaust Gas Recirculation Valve	EGR Valve Control
Control)	Control	
GS (Exhaust Gas Sensor)	Osygen Sensor	Q2S
GT (Exhaust Gas Temperature)	Exhaust Gas Temperature	EGT
HOC (Exhaust Heated Oxidation Catalyst)	Heated Oxidation Catalyst	HOC
HTWC (Exhaust Heated 3-Way Catalyst)	Heated 3-Way Catalyst	HTWC
(Electronic Ignition) (With Distributor)	Distributor Ignition	DI
(Electronic Ignition) (Without Distributor)	Electronic Ignition	<u>El</u>
	-	HTWC
ectrically Heated 3-Way Catalyst	Heated 3-Way Catalyst	
ectrically Heated Oxidation Catalyst	Heated Oxidation Catalyst	HOC
ectrically Erasable Programmable Read Only Memory	Electrically Erasable Programmable Read Only Memory	EEPROM
lectronic Automatic Temperature Control	Read Only Memory	<u>CC</u>
lectronic Engine Control	Electronic Engine Control	Electronic <u>EC</u>
lectronic Ingition	Electronic Ignition	
lectronic Spark Advance	Ignition Control	<u>IC</u>
electronic Spark Timing	Ignition Control	IC
M (Engine Modification)	Engine Modification	EM
		0.71
VIR (Engine Maintenance Reminder)	Service Reminder Indicator	SRI
ngine Control	Engine Control	<u>EC</u>
ngine Control Module	Engine Control Module	ECM .
ngine Coolant Fan Control	Fan Control	<u>FC</u>
ngine Coolant Level	Engine Coolant Level	ECL &
• .	engling was a first	A Property of the Control of the Con
ngine Coolant Level Indicator	Engine Coolant Level Indicator	ECL Indicator
ngine Coolant Temperature	Engine Coolant Temperature	ECT
ngine Coolant Temperature Sender	Engine Coolant Temperature Sensor	ECT Sensor
ngine Coolant Temperature Sensor	Engine Coolant Temperature Sensor	ECT Sensor
egine Coolant Temperature Switch	Engine Coolant Temperature Switch	ECT Switch
ignic coolant temperature cwitch	Engine Coolaire Temperature Conten	<u>LOT</u> OWIGH
ngine Fuel Temperature	Engine Fuel Temperature	<u>EFT</u>
ngine Fuel Temperature Sensor	Engine Fuel Temperature Sensor	EFT Sensor
PR (Exhaust Pressure Regulator)	Exhaust Pressure Regulator	EPR
/AP (Evaporate Emission) CANP	Evaporative Emission Canister Purge	EVAP Canister Purge
Canister Purge)		in the present of the
VAP (Evaporative Emission) VAP (Evaporative Emission) Canister	Evaporative Emission	EVAP Canister
voi (Evaporative Effilssion) Canister	Evaporative Emission Canister	EAUL CAMPIEL
VAP (Evaporative Emission) Purge Valve	Evaporative Emission Canister Purge Valve	EVAP Canister Purge Valve
aporative Emission	Evaporative Emission	EVAP
aporative Emission Canister	Evaporative Emission Canister	EVAP Canister
	Take and a surrection southway	THE CAME OF THE PARTY OF THE PA
·	Exhaust Gas Regiroulation Value	ECR Value Position Concer
VP (Exhaust Gas Recirculation Valve Position) Sensor	Exhaust Gas Recirculation Valve Position Sensor	EGR Valve Position Sensor

the state of the s	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
Tillian Tillian		San San Carlot
EVRV (Exhaust Gas Recirculation Vacuum	Exhaust Gas Recirculation Vacuum	
Regulator Valve)	Regulator Valve	EGR Vacuum Regulator Valve
EXC (Exhaust Control)	Exhaust Control a of Class 1 though	EXC
EXC (Exhaust Control) Valve	Exhaust Control Makes	500 a 7 30 b a 7
EXC (Exhaust Control) Valve Actuator		and the second of the second o
EXC (Exhaust Control) Valve Cable	The state of the s	EXC Valve
Exhaust Control	Exhaust Control Valve	 EXC Valve (, without sext his in the late.)
Francisco de la companya de la comp	Exhaust Control applied to property of the control	EXC Linear Street and Carting of the control of the
Exhaust Control Valve	Exhaust Control Valve	EXC Valve
Exhaust Control Valve Actuator	Exhaust Control Valve	EXC Valve
Exhaust Control Valve Cable	Exhaust Control Valve	EXC Valve
Exhaust Gas Recirculation	Exhaust Gas Recirculation proceeding Tigs P	FOR
Exhaust Gas Recirculation Temperature	Fuhamat One Burtan L. V. T.	COST
	Exhaust Gas Recirculation Temperature Exhaust Gas Recirculation Temperature	1 0 man men or 5 mm or 5 mm of 5 mm of 5 mm or 5
Exhaust Gas Recirculation Temperature Sensor	Sensor	EGRT Sensor pattern 6 and To coll lookly TV
Exhaust Gas Recirculation Vacuum	Exhaust Gas Recirculation Vacuum	ECR Vogues Deputator Value
Regulator Valve	Exhaust Gas Recirculation Vacuum Regulator Valve	EGR Vacuum Regulator Valve
	1996 : 1891	STATE BOOK TO A
Exhaust Gas Recirculation Vacuum	Exhaust Gas Rericulation Vacuum	•
Solenoid Valve Regulator	Regulator Solenoid Valve	Esalt vacadim regulator colenola
Exhaust Gas Recirculation Vavle	Exhaust Gas Recirculation Valve	
Exhaust Gas Temperature		EGR Valve
Exhaust Gas Temperature	Exhaust Gas Temperature	<u>EGT</u>
The state of the s	Exhaust Temperature	E/T
Exhaust Gas Temperature Sensor	Exhaust Gas Temperature Sensor	EGT Sensor net as just the
Exhaust Pressure	Exhaust Pressure 1225 Special 1	EP tropically
Exhaust Pressure Regulator	Exhaust Pressure Regulator	
Exhaust Pressure Regulator Valve	Exhaust Pressure Regulator Valve	
		EPR Valve modes 1.
F4WD (Full Time Four Wheel Drive) Fan Control	Full Time Four Wheel Drive	E4WD commed remognitude
	Fan Control	EC
scone() (Sv. 11 / v. 1)	тория 2 (1, 11 <u>11, 13</u>)	ಗರಣಗಾರೆ ಅವಾರ ಕ
Fan Control Module	Fan Control Module Saud Margara FL 44 FL	FC Module
Fan Control Relay	Fan Control Relay	EC Relay am unHitte
Fan Motor Control Relay	Fan Control Relay	
Fast Idle Thermo Valve		
FBC (Feed Back Carburetor)		IAC Thermal Valve States as the state of the
. Do (1 ood back dalbaretor)	Carburetor	CARB
EBC (Food Book Control)	nul in the second of the secon	สุรเหลื สน
FBC (Feed Back Control)	Mixture Control Notice 1 to 19	MC gritis pulses
FC (Fan Control)	Fan Control In the Part of the	FC Hotan (Alignes), 1994
FC (Fan Control) Relay	Fan Control Relay	EC Relay 45 0 0 45 1.5 Le
FEEPROM (Flash Electrically Erasable	Elash Electrically Erasable Programmable	FEEPROM too set on the set of the
Programmable Read Only Memory)	Read Only Memory	TEMPTON AND STREET
FEPROM (Flash Erasable Programmable Read Only Memory)		FEPROM
than (12 g)	Memory This Charles and the control of the control	make a company of the
		ಇ್. ಆದಿಗಳು ೧೯೩೯-೨
FF (Flexible Fuel)	Flexible Fuel	EE 가격기계요
FI (Fuel Injection)	Central Multiport Fuel Injection	Central MFI Val. 1981 Test
FI (Fuel Injection)	Continuous Fuel Injection	Octival Mil I
FI (Fuel Injection)		MI
	Direct Fuel Injection	<u>DFI</u>
	Indirect Fuel Injection	
FI (Fuel Injection)	manocr deriniection	
FI (Fuel Injection)	wide and the control	Militar a Language Constitution
FI (Fuel Injection) FI (Fuel Injection)	manocr deriniection	Militar a Language Constitution
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection)	Multiport Fuel Injection	Miles Medical Market State (Market State)
FI (Fuel Injection) FI (Fuel Injection)	Multiport Fuel Injection Sequential Multiport Fuel Injection	MEI 18 200 (18 18 18 18 18 18 18 18 18 18 18 18 18 1
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection)	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection	MEL
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control)	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Euel Injector Control	MEI DE ROUT PARE DE LE CONTRACT DE L
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control) Flame Ionization Detector	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Fuel Injector Control Elame Ionization Detector	MFI
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Fuel Injector Control Elame Ionization Detector Flash Electrically Erasable Programmable	MFI
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory)	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Fuel Injector Control Elame Ionization Detector Flash Electrically Erasable Programmable Read Only Memory	MFI
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory)	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Fuel Injector Control Elame Ionization Detector Flash Electrically Erasable Programmable	MEI DE ROUT DE RESIDENTE SEI MARTE DE ROUT DE RESIDENTE TBI SERVITA DE ROUT DE RESIDENTE EIC EID MOSTRES DE ROUT DE ROUT DE RESIDENTE EEEPROM 2007 MARTE DE ROUT
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory)	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Euel Injector Control Elame Ionization Detector Flash Electrically Erasable Programmable Read Only Memory Flash Erasable Programmable	MFI 15 B F C C F D M M M M M M M M M M M M M M M M M M
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory) Flash EPROM (Erasable Programmable Read Only Memory)	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Euel Injector Control Elame Ionization Detector Flash Electrically Erasable Programmable Read Only Memory Flash Erasable Programmable Read Only Memory	MFI 19 BE FOR THE PROOF TO THE
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory) Flash EPROM (Erasable Programmable Read Only Memory)	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Fuel Injector Control Flame Ionization Detector Flash Electrically Erasable Programmable Read Only Memory Flash Erasable Programmable	MFI DE POUT DE
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory) Flash EPROM (Erasable Programmable Read Only Memory) Flexible Fuel Flexible Fuel	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Fuel Injector Control Elame Ionization Detector Flash Electrically Erasable Programmable Bead Only Memory Flash Erasable Programmable Read Only Memory Flexible Fuel	MEI DE POUR PORTE DE PROPERTIES DE PROPERTIE
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory) Flash EPROM (Erasable Programmable Read Only Memory) Flexible Fuel Flexible Fuel Sensor	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Fuel Injector Control Elame Ionization Detector Flash Electrically Erasable Programmable Bead Only Memory Flash Erasable Programmable Read Only Memory Flexible Fuel Flexible Fuel Sensor	MEI DE ROUT DESCRICTOR DE SEI DE ROUT DE SEI DE ROUT DE SEI DE ROUT DE SEI DE SEI DE ROUT DE SEI DE
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FIC (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory) Flash EPROM (Erasable Programmable Read Only Memory) Flexible Fuel Flexible Fuel Sensor Four Wheel Drive	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Fuel Injector Control Flame Ionization Detector Flash Electrically Erasable Programmable Read Only Memory Flash Erasable Programmable Read Only Memory Flexible Fuel Flexible Fuel Flexible Fuel Sensor Automatic 4 Wheel Drive	MEI DE ROUT DISCRETARIO SEI STREET DISCRETARIO DE ROUT DISCRETARIO TRI STREET DISCRETARIO DE ROUT DE
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory) Flash EPROM (Erasable Programmable Read Only Memory) Flexible Fuel Flexible Fuel Sensor Four Wheel Drive Four Wheel Drive	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Euel Injector Control Elame Ionization Detector Flash Electrically Erasable Programmable Read Only Memory Flash Erasable Programmable Read Only Memory Flexible Fuel Flexible Fuel Sensor Automatic 4 Wheel Drive Four Wheel Drive	MEI DE ROUT DER ROUT DE ROUT D
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injector Control) FI (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory) Flash EPROM (Erasable Programmable Read Only Memory) Flexible Fuel Flexible Fuel Sensor Four Wheel Drive Four Wheel Drive Four Wheel Drive	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Fuel Injector Control Flame Ionization Detector Flash Electrically Erasable Programmable Read Only Memory Flash Erasable Programmable Read Only Memory Flexible Fuel Flexible Fuel Flexible Fuel Sensor Automatic 4 Wheel Drive	MEI DE ROTTO MERCES. SEL MONTEO DE ROSE. CONTOUR TBL SCOTTO MERCES. CONTOUR EIC EID MONTEO DE ROSE. DE ROSE. EEEPROM DANS DE ROSE. DE ROSE. EEPROM DANS DE ROSE. DE ROSE. EEPROM DANS DE ROSE. DE ROSE. EEE SENSOR AAWD MEL CONTOURS DE ROSE. EE SENSOR AAWD MEL CONTOURS DE ROSE. TO DE ROSE. DE ROSE. DE ROSE. EAWD MEL CONTOURS DE
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory) Flash EPROM (Erasable Programmable Read Only Memory) Flexible Fuel Flexible Fuel Sensor Four Wheel Drive Four Wheel Drive Four Wheel Drive	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Euel Injector Control Elame Ionization Detector Flash Electrically Erasable Programmable Read Only Memory Flash Erasable Programmable Read Only Memory Flexible Fuel Flexible Fuel Sensor Automatic 4 Wheel Drive Eour Wheel Drive Full Time Four Wheel Drive	MEI DE ROUT DE RESERVA DE LE COMMENTANTE DE LA C
FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injection) FI (Fuel Injector Control) FI (Fuel Injector Control) Flame Ionization Detector Flash EEPROM (Electrically Erasable Programmable Read Only Memory) Flash EPROM (Erasable Programmable Read Only Memory) Flexible Fuel Flexible Fuel Sensor Four Wheel Drive	Multiport Fuel Injection Sequential Multiport Fuel Injection Throttle Body Fuel Injection Euel Injector Control Elame Ionization Detector Flash Electrically Erasable Programmable Read Only Memory Flash Erasable Programmable Read Only Memory Flexible Fuel Flexible Fuel Sensor Automatic 4 Wheel Drive Four Wheel Drive	MEI DE ROUT DE

EXISTING USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
P (Fuel Pump) Module	Fuel Pump Module	FP Module
Freeze Frame	Freeze Frame	See Table 4
g gr		
Front Wheel Drive	Front Wheel Drive	<u>FWD</u>
FRP (Fuel Rail Pressure)	Fuel Rail Pressure	FRP
RP (Fuel Rail Pressure) Sensor	Fuel Rail Pressure Sensor	FRP Sensor
RT (Fuel Rail Temperature)	Fuel Rail Temperature	FRI
RT (Fuel Rail Temperature) Sensor	Fuel Rail Temperature Sensor	FRT Sensor
TH (Fuel Hall Temperature) Cortos	1 Mai Flat Taringa Mail 2 College	<u> </u>
RZF (Freeze Frame)	Freeze Frame	See Table 4
T (Fuel Trim)	Fuel Trim	EI.
TP (Fuel Tank Pressure)	Fuel Tank Pressure	FTP
TP (Fuel Tank Pressure) Sensor	Fuel Tank Pressure Sensor	FTP Sensor
TT (Fuel Tank Temperature)	Fuel Tank Temperature	EII of a
, ,	-	
TT (Fuel Tank Temperature) Sensor	Fuel Tank Temperature Sensor	FTT Sensor
uel Charging Station	Throttle Body	TB
uel Concentration Sensor.	Flexible Fuel Sensor	FF Sensor
uel Injection	Central Multiport Fuel Injection	Central MFI
uel Injection	Continuous Fuel Injection	CFI
	and the second s	
uel Injection	Direct Fuel Injection	DFI
uel Injection	Indirect Fuel Injection	IEL.
uel Injection uel Injection	Multiport Fuel Injection	MFL
•	Sequential Multiport Fuel Injection	<u>Mr.</u> SEI
uel Injection		
uel Injection	Throttle Body Fuel Injection	TBI
uel Injector Control	Fuel Injector Control	FIC
roll aval Canaar	Fuel Level Sensor	Fuel Level Sensor
uel Level Sensor		
uel Module	Fuel Pump Module	FP Module
uel Pressure	Fuel Pressure	Fuel Pressure
uel Pressure	Fuel Pressure	See Table 4
uel Pressure Regulator	Fuei Pressure Regulator	Fuel Pressure Regulator
uel Pump	Fuel Pump	EP.
uel Pump Relay	Fuel Pump Relay	<u>FP</u> Relay
Fuel Quality Sensor	Flexible Fuel Sensor	FF Sensor
uel Rail Pressure	Fuel Rail Pressure	FRP
uel Rail Pressure Sensor	Fuel Rail Pressure Sensor	FRP Sensor
uel Rail Temperature	Fuel Rail Temperature	ERT
uel Rail Temperature Sensor	Fuel Rail Temperature Sensor	FRT Sensor
uel Regulator	Fuel Pressure Regulator	Fuel Pressure Regulator
uel Sender	Fuel Pump Module	<u>FP</u> Module
uel Sensor	Fuel Level Sensor	Fuel Level Sensor
	· · · · · · · · · · · · · · · · · · ·	**************************************
UEL SYS (Fuel System Status)	Fuel System Status	See Table 4
uel System Status	Fuel System Status	See Table 4
uel Tank Pressure	Fuel Tank Pressure	<u>FTP</u>
uel Tank Pressure Sensor	Fuel Tank Pressure Sensor	FTP Sensor
uel Tank Temperature	Fuel Tank Temperature	FII
4		
uel Tank Temperature Sensor	Fuel Tank Temperature Sensor	FTT Sensor
uel Tank Unit	Fuel Pump Module	FP Module
uel Trim	Fuel Trim	<u>ET</u>
ull Throttle	Wide Open Throttle	WOT
ull Time Four Wheel Drive	Automatic 4 Wheel Drive	A4WD
ull Time Four Wheel Drive	Full Time Four Wheel Drive	F4WD
	· · · · · · · · · · · · · · · · · · ·	<u></u>
WD (Front Wheel Drive)	Front Wheel Drive	<u>FWD</u>
GCM (Governor Control Module)	Governor Control Module	GCM
GEM (Governor Electronic Module)	Governor Control Module	GCM
(Generator Generator	GEN
GEN (Generator)		
GEN (Generator) Glow Plug		
iEN (Generator) ilow Plug	Glow Plug	Glow Plug

EXISTING USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
Governor	Governor Land World High	Governor Null Black Dis Novi 50 pt
Governor Control Module	Governor Control Module	GCM
Governor Electronic Module	Governor Control Module	
GPM (Gram Per Mile)		GCM doing the start given
,		GPM ALLS DE
Gram Per Mile	Mark Constants and Anti-	ನಿಯ ಆರ್. ಹಿ. . ್ ಕ ರ್ನೆ ಸ್ಥಾ
7 *** ** ** **	Gram Per Mile	GPM ขนาวน้องขนามคือวัตถุด
GRD (Ground)	Ground see the filling to	GND CASTA CAST
Ground	Ground	GND
HC (Hydrocarbon)	Hydrocarbon 5 6 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
HCDS (High Clutch Drum Speed)	High Clutch Drum Speed	
i i i i i i i i i i i i i i i i i i i		HCDS submitted to the submitted
HCDS (High Clutch Drum Speed) Sensor	(Control Days Control	(Tital) Lain (
1	High Clutch Drum Speed Sensor	HCDS Sensor
	Heated Oxygen Sensor Jou Contact in	HO2S BAG 44 GA
HEDF (High Electro-Drive Fan) Control	Fan Control	<u>FC</u>
HEGO (Heated Exhaust Gas Oxygen) Sensor	Heated Oxygen Sensor	HO2S
HEI (High Energy Ignition)	Distributor Ignition	DI 15-763 atm size of Task up a
\$15 g *** 11	FIRST CARRY, MENUT A RIVE	
ligh Clutch Drum Speed	High Clutch Drum Speed	ಾರವನಾಡಿ ರಾಣ ನರ್ಗಳಿ ಪ್ರಮುಖ್ಯ ಕ್ಷಾನ್ ಗಳು
ligh Clutch Drum Speed Sensor		HCDS CodneCherta(Feffichage)
High Pressure Cutoff Switch	High Clutch Drum Speed Sensor	HCDS Sensor EVEN CONTROL (1997)
" I O I == #	High Pressure Cutoff Switch	HPC Switch
ligh Speed FC (Fan Control) Switch	High Speed Fan Control Switch	High Speed FC Switch Short of western dear
HO2S (Heated Oxygen Sensor)	Heated Oxygen Sensor	HO2S SURVEY.
. z '.	TORREST ALL THE OF THE	
IOC (Heated Oxidation Catalyst)	Heated Oxidation Catalyst	HOC State Desired 68,90
IOS (Heated Oxygen Sensor)	Heated Oxygen Sensor	
lot Wire Anemometer	Mass Airflow Sensor	HO2S (Marcul beaching tro)
PC (High Pressure Cutoff) Switch		MAE Sensor
	High Pressure Cutoff Switch and Application of the second	HPC Switch refactive (from 40 ben in a lift full
ITWC (Heated 3-Way Catalyst)	Heated 3-Way Catalyst in the control of the second of the	HTWC or recall to mefull from hit belogs attached
lydrocarbon	Hydrocarbon	HC + tol.
M (Inspection and Maintenance)	Inspection and Maintenance	I/M (654 au deptile in lead 0 begannet all each
# Y	that the first the second	
A (Intake Air)	Intake Air this term heta? 4 Hon.	1A (9. %)
A (Intake Air) Duct		111
AC (Idle Air Control)	Intake Air Control	IA Duct
the transfer of the same of	Taro var gorialos	IAC
to (tale / iii control) Thermal valve	Idle Air Control Thermal Valve	IAC Thermal Valve
AC (Idle Air Control) Valve	Idle Air Control Valve	IAC Valve
	na raja kata memeri	Set A. Tele
ACV (Idle Air Control Valve)	Idle Air Control Valve	IAC Valve
AT (Intake Air Temperature)	Intake Air Temperature	IAT
AT (Intake Air Temperature) Sensor	Intake Air Temperature Sensor	· · · · · · · · · · · · · · · · · · ·
ATS (Intake Air Temperature Sensor)		IN COURT
	TABLE TO	IAT Sensor
C (Ignition Control)	Ignition Control	<u>IC</u>
	新进作用相关的企业的企业。	of the state
CM (Ignition Control Module)	Ignition Control Module	ICM CENTURY TO BEY
CP (Injection Control Pressure)	Injection Control Pressure	ICP
OF! (Indirect Fuel Injection)	Indirect Fuel Injection	and the second s
Ol (Indirect Diesel Injection)	Indirect Fuel Injection	and the first and the second
Ol (Integrated Direct Ignition)		H-1
or (integrated birect ignition)	Electronic Ignition	EL (The Six County Liberty Lib
		tal Tolland
dle Air Bypass Control	Idle Air Control	IAC (Januari guy Mirin
ile Air Control	Idle Air Control	IAC
fle Air Control Valve	Idle Air Control Valve	IAC Valve
dle Speed Control	Idle Air Control	WIN TOUTE
dle Speed Control	Idle Speed Control	H 102
se opeed control	Idle Speed Control	ISC 4.4463 (fault00 157) 17 (1353 15
	un bereit der Greifer der Greifer der State in der	say (the end to be edded)
ile Speed Control Actuator	Idle Speed Control Actuator	ISC Actuator (LOVING TRAINS) C.1
Fl (Indirect Fuel Injection)	Indirect Fuel Injection	IFI
S (Inertia Fuel Shutoff)	Inertia Fuel Shutoff YATE A	## ### ### ### ### ### ### ### ########
nition Coil	Ignition Coil Goods 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	n o
gnition Control	Ignition Con	Igrinion con
	-Brunott-Solutol	שנו
gnition Control Module	Ignition Control Module	ICM LEAGUE TO THE LEAGUE TO TH
	purport i Enforce in the all Light Shing R tail	១ល់ខែ ខេត្ត នៃក្រុមប្រជាធិបាន បាន ប្រធានាក្រុមប្រជាធិបាន ប្រជាធិបាន ប្រធានាក្រុមប្រជាធិបាន ប្រធានាក្រុមប្រជាធិបាន
MRC (Intake Manifold Runner Control)	Intake Manifold Runner Control	IMRC : hearest so retriber over the control
	Intake Manifold Tuning Valve	
MT (Intake Manifold Tuning) Valve	inake Manifold furling valve	
n-Tank Module		IMT Valve
MT (Intake Manifold Tuning) Valve n-Tank Module ndirect Fuel Injection	· · · · · · · · · · · · · · · · · · ·	EP Module SEAL LIFE TO MODELLE

TABLE 1—CROSS-REFERENCE AND LOOK-Up(1)(2) (continued)

EXISTING USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
nertia Fuel - Shutoff Switch	Inertia Fuel Shutoff Switch	<u>IFS</u> Switch
w.		
nertia Fuel Shutoff	Inertia Fuel Shutoff	IFS .
nertia Switch	Inertia Fuel Shutoff Switch	IFS Switch
njection Control Pressure	Injection Control Pressure	<u>ICP</u>
njector Pressure Sensor	Fuel Rail Pressure Sensor	FRP Sensor
nput Shaft Speed	Input Shaft Speed	ISS
		100
nput Shaft Speed	Input Shaft Speed	ISS
spection and Maintenance	Inspection and Maintenance	I/M
NT (Integrator)	Short Term <u>Fuel Trim</u>	Short Term ET
ntake Air	Intake Air	<u>IA</u>
take Air Duct	Intake Air Duct	IA Duct
ntake Air Temperature	Intake Air Temperature	IAT.
ntake Air Temperature Sensor	Intake Air Temperature Sensor	IAT Sensor
ntake Manifold Absolute Pressure Sensor	Manifold Absolute Pressure Sensor	MAP Sensor
ntake Manifold Runner Control	Intake Manifold Runner Control	<u>IMRC</u>
ntake Manifold Tuning Valve	Intake Manifold Tuning Valve	IMT Valve
		the state of the s
ntegrated Relay Module	Relay Module	<u>BM</u>
ntegrator	Short Term Fuel Trim	Short Term ET
nter Cooler	Charge Air Cooler	CAC
SC (Idle Speed Control)	idle Air Control	IAC
SC (Idle Speed Control)	Idle Speed Control	ISC 5 5
		100 1 100 100
SC (Idle Speed Control) Actuator	idle Speed Control Actuator	ISC Actuator
SC (Idle Speed Control) Solenoid Vacuum Valve	Idle Speed Control Solenoid Vacuum Valve	ISC_Solenoid Vacuum Valve
		IAC
SC BPA (Idle Speed Control Bypass Air)	Idle Air Control	IAC
SS (Input Shaft Speed)	Input Shaft Speed	ISS
C-Jetronic	Continuous Fuel Injection	ÇEL A A A A A A A A A A A A A A A A A A A
KAM (Keep Alive Memory)	Nonvolatile Random Access Memory	NVRAM
CAM (Keep Alive Memory)	Keep Alive Random Access Memory	Keep Alive RAM
Œ-Jetronic	Continuous Fuel Injection	<u>CFI</u>
KE-Motronic	Continuous Fuel Injection	CEI
Knock Sensor	Knock Sensor	KS. Waster Spr
70 1 14 .	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	e tare of per on the
(S (Knock Sensor)	Knock Sensor	KS.
-Jetronic	Multiport Fuel Injection	MFL South
ambda	Oxygen Sensor	<u>02\$</u>
.H-Jetronic	Multiport Fuel Injection	<u>MFI</u>
ight Off Catalyst	Warm Up Three Way Catalytic Converter	WU-TWC
ight Off Catalyst	Warm Up Three Way Catalytic Converter	WU-OC
ine Pressure Control Solenoid Valve	Line Pressure Control Solenoid Valve	Line PC Solenoid Valve
OAD (Calculated Load Value)	Calculated Load Value	LOAD
	Torque Converter Clutch Relay	TCC Relay
ock Up Relay	-	See Table 4
ONG FT (Long Term Fuel Trim)	Long Term <u>Fuel Trim</u>	Gee Table 4
ong Term FT (Fuel Trim)	Long Term <u>Fuel Trim</u>	Long Term <u>FT</u>
ong Term Fuel Trim	Long Term Fuel Trim	Long Term FT
ow Speed FC (Fan Control) Switch	Low Speed Fan Control Switch	Low Speed FC Switch
US (Lock Up Solenoid) Valve	Torque Converter Clutch Solenoid Valve	TCC Solenoid Valve
M/C (Mixture Control)	Mixture Control	MC
MAF (Mass Airflow)	Mass Airflow	MAE
·		MAE Sensor
MAF (Mass Airflow) Sensor	Mass Airflow Sensor	
Malfunction Indicator Lamp	Malfunction Indicator Lamp	MIL
fanifold Absolute Pressure	Manifold Absolute Pressure	MAP
Manifold Absolute Pressure and Temperature	Manifold Absolute Pressure and Temperature	MAPT
Manifold Absolute Pressure Sensor	Manifold Absolute Pressure Sensor	MAP Sensor
fanifold Differential Pressure	Manifold Differential Pressure	MDP
Ianifold Surface Temperature	Manifold Surface Temperature	MST
Manilolu Sunace Temperature		

EXISTING USAGE.	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
Manual Lever Position Sensor	Transmission Range Sensor	IR Sensor
Manual/Transaxle	Manual/Transaxle	M/T (57.5% - 47.5)
Manual/Transmission	Manual/Transmission	M/T Class Standard
Manuai Transaxle	Manual Transaxle	M/I yawaasi ar waa at ar a aa daa
Manual Transmission	Manual Transmission	M/T
M/T (Manual/Transaxie)	Manual Transaxle	
M/T (Manual/Transmission)	Manual Transmission	M/T read + . mi
MAP (Manifold Absolute Pressure)		M/T (Verticoe) a negatilitaria (Metabusa) and jili a a
THE WATER OF THE SECOND TO THE WATER OF THE SECOND THE WATER OF THE SECOND TH	Manifold Absolute Pressure	MAP
	Moster 自動をで発わる。 ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	veluce€ colorad from , tepet e ≥ 10
MAPS (Manifold Absolute Pressure) Sensor	Manifold Absolute Pressure Sensor	MAP Sensor 1946 August
MAPS (Manifold Absolute Pressure Sensor)	Manifold Absolute Pressure Sensor	MAP Sensor http://www.http://www.
MAPT (Manifold Absolute Pressure and Temperature)	Manifold Absolute Pressure and Temperature	<u>MAPT</u>
Mass Airflow	Mass Airflow	<u>MAE</u> real 25 bar gC hill 36 akir a 520
Mass Airflow Sensor	Mass Airflow Sensor	MAE Sensor
MAT (Manifold Air Temperature)	Intake Air Temperature	IAT ଅଟେଲ୍ଡିଅଟରେଖ ଅନ୍ତି ଅନୁସ
		MARY SHAPE MAY A PARTY OF THE
MATS (Manifold Air Temperature Sensor)	Intake Air Temperature Sensor Section 1994 (1994)	IAT Sensor Whatsit (in the set of 20) 319
MC (Mixture Control)	Mixture Control	MC .
MCS (Mixture Control Solenoid)	Mixture Control Solenoid	MC Solenoid
MCU (Microprocessor Control Unit)	Powertrain Control Module	PCM the Gruphic
MDP (Manifold Differential Pressure)	Manifold Differential Pressure	MDP #61/200_11/201 2 / 201
teronor_ N.	The American Country of the Country	MDE SERVICE SERVICES
MFI (Multiport Fuel Injection)	Multiport Fuel Injection	MEL 1928 1931
MIL (Malfunction Indicator Lamp)	Malfunction Indicator Lamp	
Mixture Control	Mixture Control 187 (March 1975), garden Signard	MIL
MLPS (Manual Lever Position Sensor)	Transmission Range Sensor	MC 144 7 mensari (pratau sime de 245
Modes		TR Sensor (**1998) and spectros (1.2 token) / 3
		DTM G Strate (Strate Strate St
Mono-Jetronic		Wellington and I in Sputs in Sputs in Sputs
	Throttle Body Fuel Injection	TBL BAR STANDARD
Mono-Motronic	Throttle Body Fuel Injection	TBI_
Monotronic & Berghard Ag	Throttle Body Fuel Injection	TBL on few Windows Constitution (1990)
Motronic	Multiport Fuel Injection And This Provides The Article	MFI Gueboli baimo altri e FI A C.S.
Motronic-Pressure	Multiport Fuel Injection	MEL CONTROL OF CANADA
1 ANV 1 TO		way feethala HT corpae Sigit of livid
MPI (Multipoint Injection)	Multiport Fuel Injection	MEI transfilia
MPI (Multiport Injection)	Multiport Fuel Injection	<u>MEI</u>
MRPS (Manual Range Position Switch)	Transmission Range Switch	TR Switch
MST (Manifold Surface Temperature)	Manifold Surface Temperature	MST SUPPLIED BY HISTSTONE HER RESERVE
Multiport Fuel Injection	Multiport Fuel Injection	MFL 184 (164 LL 164)
	on which the Bartell works in	(constant) the constant
MVZ (Manifold Vacuum Zone)	Manifold Vacuum Zone	MVZ
NDS (Neutral Drive Switch)	Park/Neutral Position Switch	PNP Switch
Neutral Safety Switch	Park/Neutral Position Switch	PNP Switch
NGS (Neutral Gear Switch)	Park/Neutral Position Switch	PNP Switch
Nitrogen Oxides	Nitrogen Oxides	NOX
		But the district of the total production of the second sec
Non Dispersive Infrared	Account to the second of the s	and the second
Non Volatile Random Access Memory	Horr Dispersive Itiliared	NOIN
NOX (Nitrogen Oxides)	Non Volatile Random Access Memory	INVERM
and the contract of the contra	Nitrogen Oxides	NOX
NPS (Neutral Position Switch)	Park/Neutral Position Switch	PNP SWIICH
NVM (Non Volatile Memory)	Non Volatile Random Access Memory	NVRAM
%		ela a Maria de La proposición de la confessiona della confessiona
NVRAM (Non Volatile Random Access Memory)	Non Volatile Random Access Memory	NVRAM
O2 (Oxygen)	Oxygen Std. Wigher step in the Court of the	02 ാണ്ടെട്ടായുന്ന വുത്തും
O2 (Oxygen) Sensor	Oxygen Sensor	O2S Technical
O2S (Oxygen Sensor)	Oxygen Sensor	<u>02S</u>
OBD (On Board Diagnostic)	On Board Diagnostic	OBD 41 to 1,5 to the Legues 4.5
E.	father all the	em sali sa tega iyi is
OBD (On Board Diagnostic) STAT	On Board Diagnostic Status	See Table 4
OBD (On Board Diagnostic) Status	On Board Diagnostic Status	See Table 4
OC (Oxidation Catalyst)	Oxidation Catalytic Converter	See lable 4
ODS (Overdrive Drum Speed)	Overdrive Drum Speed	Codes Co.
ODS (Overdrive Drum Speed) Sensor	_ - -	ODS
	Overdrive Drum Speed Sensor	ODS Sensor
Oil Processes Conde	が終った。 せいが	า เกินโปโกรสนาย เมษิ
Oil Pressure Sender	Engine Oil Pressure Sensor	EOP Sensor
Oil Pressure Sensor	Engine Oil Pressure Sensor	EOP Sensor

TABLE 1—CROSS-REFERENCE AND LOOK-Up(1)(2) (continued)

で、現るで、EXISTING USAGE。	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED US
Oil Pressure Switch	Engine Oil Pressure Switch	EOP Switch
OL (Open Loop)	Open Loop	<u>QL</u>
On Board Diagnostic	On Board Diagnostic	OBD
On-Board Refueling Vapor Recovery	On-Board Refueling Vapor Recovery	ORVR
Open Loop	Open Loop	<u>OL</u>
ORVR (On-Board Refueling Vapor Recovery)	On-Board Refueling Vapor Recovery	ORVR
OS (Oxygen Sensor)	Oxygen Sensor	<u>02S</u>
OSS (Output Shaft Speed) Sensor	Output Shaft Speed Sensor	OSS Sensor
Output Driver	Driver	Driver
Overdrive Drum Speed	Overdrive Drum Speed	<u>ODS</u>
Overdrive Drum Speed Sensor	Overdrive Drum Speed Sensor	ODS Sensor
Output Shaft Speed	Output Shaft Speed	OSS
		
Output Shaft Speed Sensor	Output Shaft Speed Sensor	OSS Sensor
Oxidation Catalytic Converter	Oxidation Catalytic Converter	<u>oc</u>
OXS (Oxygen Sensor) Indicator	Service Reminder Indicator	SRL
Oxygen	Oxygen	<u>Q2</u>
Oxygen Sensor	Oxygen Sensor	<u>028</u>
Oxygen Sensor Location	Oxygen Sensor Location	See Table 4
P- (Pressure) Sensor	Manifold Absolute Pressure Sensor	MAP Sensor
P/N (Park/Neutral)	Park/Neutral Position	PNP.
(. a.ro.140a.a.a.)	T CITAL ACTUAL 1 CONTOUT	1171
DIS (Payer Steering) Pressure Curisti	Power Steering Procesure Coulteb	DCD Cyritah
P/S (Power Steering) Pressure Switch	Power Steering Pressure Switch	PSP Switch
PAIR (Pulsed Secondary Air Injection)	Pulsed Secondary Air Injection	PAIR
Parameter Identification	Parameter Identification	<u>PID</u>
Parameter Identification Supported	Parameter Identification Supported	See Table 4
Park/Neutral Position	Park/Neutral Position	<u>PNP</u>
	v	
PC (Pressure Control) Solenoid Valve	Pressure Control Solenoid Valve	PC Solenoid Valve
PCM (Powertrain Control Module)	Powertrain Control Module	PCM
PCV (Positive Crankcase Ventilation)	Positive Crankcase Ventilation	PCV
PCV (Positive Crankcase Ventilation) Valve	Positive Crankcase Ventilation Valve	PCV Valve
Percent Alcohol Sensor	Flexible Fuel Sensor	EE Sensor
Periodic Trap Oxidizer	Periodic Trap Oxidizer	PTOX.
PFE (Pressure Feedback Exhaust) Gas	Feedback Pressure Exhaust Gas	Feedback Pressure EGR Sensor
Recirculation Sensor	Recirculation Sensor	
PFI (Port Fuel Injection)	Multiport Fuel Injection	MEI
PG (Pulse Generator)	Vehicle Speed Sensor	<u>VSS</u>
PGM-FI (Programmed Fuel Injection)	Multiport Fuel Injection	<u>MFI</u>
PID (Parameter Identification)	Parameter Identification	PID
PID SUP (Parameter Identification Supported)	Parameter Identification Supported	See Table 4
PIP (Position Indicator Pulse)	Crankshaft Position	<u>CKP</u>
PNP (Park/Neutral Position)	Park/Neutral Position	PNP
Positive Crankcase Ventilation	Positive Crankcase Ventilation	PCV
	1. South S. State Broke S. T. State Broke Broke State Broke State Broke State Broke State Broke State Broke Broke Broke State Broke	
Positive Crankcase Ventilation Valve	Positive Crankcase Ventilation Valve	PCV Valve
Power Steering Control	Power Steering Control	PSC
Power Steering Control Module	Power Steering Control Module	PSC Module
•		
Power Steering Pressure	Power Steering Pressure	PSP Switch
Power Steering Pressure Switch	Power Steering Pressure Switch	PSP Switch
Power Takeoff	Power Takeoff	PTO
	· · · · · · · · · · · · · · · · · · ·	
Powertrain Control Module	Powertrain Control Module	<u>PCM</u>
PR (Pressure Relief)	Pressure Relief	<u>PR</u>
PR (Pressure Relief) Valve	Pressure Relief Valve	PR Valve
Pressure Control Solenoid Valve	Pressure Control Solenoid Valve	PC Solenoid Valve
Pressure Feedback EGR (Exhaust Gas	Feedback Pressure Exhaust Gas	Feedback Pressure EGR
Recirculation)	Recirculation	
Pressure Relief	Pressure Relief	PR

A4WD

TABLE 1—CROSS-REFERENCE AND LOOK-Up(1)(2) (continued)

EXISTING USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
Selectable Four Wheel Drive	Selectable Four Wheel Drive	S4WD
		the state of the s
Self Test	On Board Diagnostic	OBD
elf Test Codes	Diagnostic Trouble Code	DTC
elf Test Connector	Data Link Connector	DLC
iemi-Automatic Temperature Control	Climate Control	CC
equential Multiport Fuel Injection	Sequential Multiport Fuel Injection	<u>SEI</u>
		ODI
Service Engine Soon	Service Reminder Indicator	SRI
Service Engine Soon	Malfunction Indicator Lamp	MIL
ervice Reminder Indicator	Service Reminder Indicator	SRI
FI (Sequential Fuel Injection)	Sequential Multiport Fuel Injection	<u>SFI</u>
hift Solenoid	Shift Solenoid	<u>ss</u>
nift Solenoid Valve	Shift Solenoid Valve	SS Valve
hort Term FT (Fuel Trim)	Short Term Fuel Trim	Short Term <u>FT</u>
hort Term Fuel Trim	Short Term Fuel Trim	Short Term EI
HRT FT (Short Term Fuel Trim)	Short Term <u>Fuel Trim</u>	See Table 4
LP (Selection Lever Position)	Transmission Range	IB
MEC (Single Module Engine Control)	Powertrain Control Module	<u>PCM</u>
moke Puff Limiter	Smoke Puff Limiter	SPL
PARK ADV (Spark Advance)	Spark Advance	See Table 4
•	•	See Table 4
park Advance	Spark Advance	
oark Plug	Spark Plug	Spark Plug
PI (Single Point Injection)	Throttle Body Fuel Injection	<u>TBI</u>
PL (Smoke Puff Limiter)	Smoke Puff Limiter	SPL
RI (Service Reminder Indicator)	Service Reminder Indicator	SRI
RT (System Readiness Test)	System Readiness Test	SRT
S (Shift Solenoid)	Shift Solenoid	SS
o (Silin Goleriold)	Sint Goleroid	
T (Scan Tool)	Scan Tool	ST
upercharger	<u>Supercharger</u>	<u>SC</u>
upercharger Bypass	Supercharger Bypass	SCB
ync Pickup	Camshaft Position	<u>CMP</u>
ystem Readiness Test	System Readiness Test	SRT
AB (Theymaster Air Dynase)	Secondary Air Injection Bypass	AIR Bypass
AB (Thermactor Air Bypass)		
AC (Throttle Actuator Control)	Throttle Actuator Control	102
AC (Throttle Actuator Control) Module	Throttle Actuator Control Module	TAC Module
AD (Thermactor Air Diverter)	Secondary Air Injection Diverter	AIR Diverter
B (Throttle Body)	Throttle Body	IB
3i (Throttle Body Fuel Injection)	Throttle Body Fuel Injection	TBI
3T (Throttle Body Temperature)	Intake Air Temperature	LAT
, , ,	•	911
C (Turbocharger)	Turbocharger #8" See See Selection 19	<u>TC</u> (9.
C (Turbocharger) Wastegate	Turbocharger Wastegate	TC Wastegate
C (Turbocharger) Wastegate Regulating Valve	Turbocharger Wastegate Regulating Valve	TC Wastegate Regulating Valve
CC (Torque Converter Clutch)	Torque Converter Clutch	TCC
, ,	Torque Converter Clutch Torque Converter Clutch Relay	TCC TCC Relay
CC (Torque Converter Clutch) Relay	•	
CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid	Torque Converter Clutch Relay Torque Converter Clutch Solenoid	TCC Relay
CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid CC (Torque Converter Clutch) Solenoid Valve	Torque Converter Clutch Relay	TCC Refay TCC Solenoid
CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid CC (Torque Converter Clutch) Solenoid Valve CCP (Torque Converter Clutch Pressure)	Torque Converter Clutch Relay Torque Converter Clutch Solenoid Torque Converter Clutch Solenoid Valve Torque Converter Clutch Pressure	TCC Relay TCC Solenoid TCC Solenoid Valve TCCP
CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid CC (Torque Converter Clutch) Solenoid Valve CCP (Torque Converter Clutch Pressure) CM (Transmission Control Module)	Torque Converter Clutch Relay Torque Converter Clutch Solenoid Torque Converter Clutch Solenoid Valve Torque Converter Clutch Pressure Transmission Control Module	ICC Relay ICC Solenoid ICC Solenoid Valve ICCP
CC (Torque Converter Clutch) CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid CC (Torque Converter Clutch) Solenoid Valve CCP (Torque Converter Clutch Pressure) CM (Transmission Control Module) E (Thermal Expansion)	Torque Converter Clutch Relay Torque Converter Clutch Solenoid Torque Converter Clutch Solenoid Valve Torque Converter Clutch Pressure Transmission Control Module Thermal Expansion	ICC Relay ICC Solenoid ICC Solenoid Valve ICCP ICM IE
CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid CC (Torque Converter Clutch) Solenoid Valve CCP (Torque Converter Clutch Pressure) CM (Transmission Control Module)	Torque Converter Clutch Relay Torque Converter Clutch Solenoid Torque Converter Clutch Solenoid Valve Torque Converter Clutch Pressure Transmission Control Module	TCC Relay TCC Solenoid TCC Solenoid Valve TCCP
CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid CC (Torque Converter Clutch) Solenoid Valve CCP (Torque Converter Clutch Pressure) CM (Transmission Control Module) E (Thermal Expansion)	Torque Converter Clutch Relay Torque Converter Clutch Solenoid Torque Converter Clutch Solenoid Valve Torque Converter Clutch Pressure Transmission Control Module Thermal Expansion	ICC Relay ICC Solenoid ICC Solenoid Valve ICCP ICM IE
CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid CC (Torque Converter Clutch) Solenoid Valve CCP (Torque Converter Clutch Pressure) CM (Transmission Control Module) E (Thermal Expansion) E (Thermal Expansion) Valve FI (Thick Film Ignition)	Torque Converter Clutch Relay Torque Converter Clutch Solenoid Torque Converter Clutch Solenoid Valve Torque Converter Clutch Pressure Transmission Control Module Thermal Expansion Thermal Expansion Valve	TCC Relay TCC Solenoid TCC Solenoid Valve TCCP TCM TE TE Valve
CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid CC (Torque Converter Clutch) Solenoid Valve CCP (Torque Converter Clutch Pressure) CM (Transmission Control Module) E (Thermal Expansion) E (Thermal Expansion) Valve FI (Thick Film Ignition) FI (Thick Film Ignition) Module	Torque Converter Clutch Relay Torque Converter Clutch Solenoid Torque Converter Clutch Solenoid Valve Torque Converter Clutch Pressure Transmission Control Module Thermal Expansion Thermal Expansion Valve Distributor Ignition Ignition Control Module	ICC Relay ICC Solenoid ICC Solenoid Valve ICCP ICM IE IE Valve DL ICM
CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid CC (Torque Converter Clutch) Solenoid Valve CCP (Torque Converter Clutch Pressure) CM (Transmission Control Module) E (Thermal Expansion) E (Thermal Expansion) Valve FI (Thick Film Ignition) FI (Thick Film Ignition) Module FP (Transmission Fluid Pressure)	Torque Converter Clutch Relay Torque Converter Clutch Solenoid Torque Converter Clutch Solenoid Valve Torque Converter Clutch Pressure Transmission Control Module Thermal Expansion Thermal Expansion Valve Distributor Ignition Ignition Control Module Transmission Fluid Pressure	ICC Relay ICC Solenoid ICC Solenoid Valve ICCP ICM IE IE Valve DL ICM IFP
CC (Torque Converter Clutch) Relay CC (Torque Converter Clutch) Solenoid CC (Torque Converter Clutch) Solenoid Valve CCP (Torque Converter Clutch Pressure) CM (Transmission Control Module) E (Thermal Expansion) E (Thermal Expansion) Valve	Torque Converter Clutch Relay Torque Converter Clutch Solenoid Torque Converter Clutch Solenoid Valve Torque Converter Clutch Pressure Transmission Control Module Thermal Expansion Thermal Expansion Valve Distributor Ignition Ignition Control Module	ICC Relay ICC Solenoid ICC Solenoid Valve ICCP ICM IE IE Valve DL ICM

EXISTING USAGE	STATE ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
Thermac Air Cleaner		
Thermactor Programme 2.5		
େମ୍ବର୍ଷ (ମହିମ ବୃକ୍ତି । ବୃକ୍ତି । ବୃକ୍ତି । ଆସ୍ଟର୍ଷ (ମହିମ ବୃକ୍ତି । ବୃକ୍ତି । ବୃକ୍ତି ।	Secondary Air Injection	
Thermactor Air Bypass	odski gili oni ndi i da i nas kingi ndegje	
	Secondary Air Injection Bypass	AIR Bypass
Thermactor Air Diverter Thermactor II	Secondary Air Injection Diverter	
	Pulsed Secondary Air Injection	(2000)
Thermal Expansion	Thermal Expansion	at 🗷 file fath vasO i light to death from 1, 51.00
Thermal Expansion Valve	Thermal Expansion Valve 1 r.	
Thermal Vacuum Switch	Thermal Vacuum Valve	ears to describe the control of the
Thermal Vacuum Valve	Thermal Vacuum Valve	
Third Gear	Third Gear	TVV.
Three Way + Oxidation Catalytic Converter	Three Way + Oxidation Catalytic Converter	<u>907n</u>
hree Way Catalytic Converter	Three Way Catalytic Converter	110100
	Trice way Catalytic Converter	
Throttle Actuator	Throttle Actuator	Vana Cara.
Throttle Actuator Control	Throttle Actuator Control	
hrottie Actuator Control Module		TAC
Throttle Body	Throttle Actuator Control Module	ত্র TAC Module nuan- এ texil skinnek
Throttle Body Fuel Injection	THIOUE BOOV	Su TB // / / / / / / / / / / / / / / / / /
Throttle Body Fuel Injection	Throttle Body Fuel Injection	75 IBI (FAMOD natrayaco y prim 7 u by
Throttle Opener	and the state of t	TV PROPERTY OF THE PROPERTY CONTRACTOR OF THE PR
Throttle Opener	Idle Speed Control	100
Firetile Opener Vacuum Switching Valve	Idle Speed Control Solenoid Vacuum Valve	ISC Solenoid Vacuum Valve
Throttle Opener VSV (Vacuum Switching Valve)	Idle Speed Control Solenoid Vacuum Valve	ISC Solenoid Vacuum Valve
Throttle Position	Throttle Position	The state of the s
hrottle Position Sensor	Throttle Position Sensor	TP Sensor
	nterneties of the sector sector of the sector of the sector secto	
hrottle Position Switch	Throttle Position Switch	TD Switch
hrottle Potentiometer	Throttle Position Sensor	TEL Switch syndermack (make, singlet halv) PIV
MAP (Temperature and Manifold Absolute Pressure)	Manifold Absolute Pressure and Temperature	MAPT
OC (Trap Oxidizer - Continuous)	Continuous Trap Oxidizer	CTOX 00 THE BEAUTY DOZIEW
OP (Iran Oxidizer - Periodic)	Periodic Trap Oxidizer	91 PTOX
Forque Converter Clutch	Torque Converter Clutch	TCC
	Taraba Santa S	MI HEROTE & SQUEEN AND A
orque Converter Clutch Pressure	Torque Converter Clutch Pressure	15 (houre to be a fault out of 1974 of the fault out of 1974 of 1974 of the fault out of 1974 of 1974 of the fault out of 1974 of 1974 of the fault out of 1974 of 1974 of the fault out of 1974 of 1974 of the fault out of 1974 of the fault out of 1974 of the 1974 of the fault out of 1974 of 1974 of the fault out of 1974 of 1974 of the fault out of 1974 of the fault out
orque Converter Clutch Relay	Torque Converter Clutch Relay	TCC Belov
orque Converter Clutch Solenoid	Torque Converter Clutch Solenoid	
orque Converter Clutch Solenoid Valve	Torque Converter Clutch Solenoid Valve	TCC Solenoid TCC Solenoid Valve
P (Throttle Position)	Throttle Decition	TE TO THE REPORT OF THE PROPERTY OF THE PROPER
AC-01	THIORIE FOSIKOTI	ಚಿ 🔭 ಗಾಕಗಳಲ್ಲೂದರಿ ಈ ತನ್ನ ಚಿತ್ರ
P (Throttle Position) Sensor	Throttle Position Sensor	M consideration of the care
P (Throttle Position) Switch	Throttle Position Switch	TP Sensor
PI (Tuned Port Injection)		TP Switch electrification of the
PNP (Transmission Park Neutral Position)	Multiport Fuel Injection	TO MEI CONTRACT CONTRACTOR
PS (Throttle Pecition Conses)	Park/Neutral Position	SS PNP GRADE STANDING AND STANDING
TO (Thous Position Sensor)	Throttle Position Sensor	TP Sensor Serjious First Entry Sent (1) of First AV Sent (1) Aff
PS (Throttle Position Switch)	Throttle Position Switch	TD Custob
R (Transmission Range)	Transmission Range	
rack Road Load Horsepower		TRANSPORT
ransmission Control Module	Track Road Load Horsepower	anthribed mi TREHP at the Line of withdrawer are egened in the
ransmission Fluid Pressure		Flasher where TCM of the medians were trained assistant and the
ransmission ridio Flessule	Transmission Fluid Pressure	<u>IFP</u>
ranemicsion Eluid Tompombuse Conses		Reserved a time for the property of the contraction of the backers.
ransmission Fluid Temperature Sensor	Transmission Fluid Temperature Sensor	IEI Sensor Simor and Albert Substitution of
ransmission Park Neutral Position	Park/Neutral Position	PNP
ransmission Position Switch	Transmission Range Switch	TR Switch
ransmission Range Selection	Transmission Range	A IR REPORT OF COLUMN ASSAULT
ransmission Range Sensor	Transmission Range Sensor	IR Sensor
and the same and t	Coperation of the Coperation of the Coperation	RTS 9 Bitashi year V 9-8
· III (// Idok rioda Loda rioraepower)	Track Road Load Horsepower	TRLHP by State that
RS (Transmission Range Selection)	Transmission Range	TR positive united to see wear.
RSS (Transmission Range Selection Switch)	<u>Transmission Range</u> Switch	(S) IR Switch md-GabA
SS (Turbine Snart Speed) Sensor	Turbine Shaft Speed Sensor	TSS Sensor
uned Port Injection	Multiport Fuel Injection	Alf Croams
navalito y m	Supple the Contract of Contract EF 世語学	DM prisonal
urbine Shaft Speed Sensor	Turbine Shaft Speed Sensor	写名 TSS Sensor
.000		The American State of the Contract of the Cont

TABLE 1—CROSS-REFERENCE AND LOOK-Up⁽¹⁾⁽²⁾ (continued)

EXISTING USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONIZED USAGE
Turbocharger 301	Turbocharger	TC 2.:
Turbocharger Wastegate	Turbocharger Wastegate	TC Wastegate
Turbocharger Wastegate Regulating Valve	Turbocharger Wastegate Regulating Valve	TC Wastegate Regulating Valve
TVS (Thermal Vacuum Switch)	Thermal Vacuum Valve	<u>TVV</u>
TVV (Thermal Vacuum Valve)	Thermal Vacuum Valve	<u>TVV</u>
TWC (Three Way Catalytic Converter)	Three Way Catalytic Converter	TWC
TWC + OC (Three Way + Oxidation Catalytic Converter)	Three Way + Oxidation Catalytic Converter	TWC+OC
VAC (Vacuum) Sensor	Manifold Differential Pressure Sensor	MDP Sensor
Vacuum Switches	Manifold Vacuum Zone Switch	MVZ Switch
VAF (Volume Airflow)	Volume Airflow	<u>VAF</u>
Valve Position EGR (Exhaust Gas Recirculation) System	Valve Position <u>Exhaust Gas Recirculation</u> System	Valve Position EGR System
Vane Airflow	Volume Airflow	VAE
Variable Control Relay Module	Variable Control Relay Module	VCRM
Variable Fuel Sensor	Elexible Fuel Sensor	EE Sensor
VAT (Vane Air Temperature)	Intake Air Temperature	IAT
VCC (Viscous Converter Clutch)	Torque Converter Clutch	TCC
VCM (Vehicle Control Module)	Vehicle Control Module	VCM
VCRM (Variable Control Relay Module)	Variable Control Relay Module	VCRM
g stale of the second		
Vehicle Control Module	Vehicle Control Module	VCM_
Vehicle Identification Number	Vehicle Identification Number	<u>VIN</u>
Vehicle Speed Sensor	Vehicle Speed Sensor	<u>VSS</u>
VIN (Vehicle Identification Number)	Vehicle Identification Number	VIN
VIP (Vehicle In Process) Connector	Data Link Connector	DLC
Viscous Converter Clutch	Torque Converter Clutch	TCC
Voltage Regulator	Voltage Regulator	¥R
Volume Airflow	Volume Airflow	VAE
VR (Voltage Regulator)	Voltage Regulator	VR 10 1121
VSS (Vehicle Speed Sensor)	Vehicle Speed Sensor	VSS_
,		± 1 mg −
VSV (Vacuum Solenoid Valve) (Canister)	Evaporative Emission Canister Purge Valve	EVAP Canister Purge Valve
VSV (Vacuum Solenoid Valve) (EVAP)	Evaporative Emission Canister Purge Valve	EVAP Canister Purge Valve
VSV (Vacuum Solenoid Valve) (Throttle)	Idle Speed Control Solenoid Vacuum Valve	ISC Solenoid Vacuum Valve
Warm Up Oxidation Catalytic Converter	Warm Up Oxidation Catalytic Converter	wu-oc
Warm Up Three Way Catalytic Converter	Warm Up Three Way Catalytic Converter	WU-QC
Wide Open Throttle	Wide Open Throttle	WOT
WOT (Wide Open Throttle)	Wide Open Throttle	WOT
WOTS (Wide Open Throttle Switch)	Wide Open Throttle Switch	WOT Switch
WU-TWC (Warm Up Three Way Catalytic Converter)	Warm Up Three Way Catalytic Converter	<u>wu-rwc</u>
WU-OC (Warm Up Oxidation Catalytic Converter)	Warm Up Oxidation Catalytic Converter	WU-OC

- Change bars to the left of the row indicates new/revised entry.
 <u>Underlining</u> indicates as referenced in Table 2—Recommended Terms and Recommended Acronyms

6. Recommended Terms—Table 2 is an alphabetical listing of modifiers to be used in combination with base words.

TABLE 2—RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM	DEFINITION	6A
3-2 Timing Solenoid	3-2TS	A device that controls the "third to second" timing valve.	
Accelerator Pedal	AP ⁽¹⁾	SEE GLOSSARY ENTRY "ACCELERATOR PEDAL."	
Accelerator Pedal Position	APP	SEE GLOSSARY ENTRY "ACCELERATOR PEDAL."	
Adsorber	(2)	A system device which stores hydrocarbons upon engine startup then later burned by the TWC down the line. Used only in conjunction with a standar	
Air Cleaner	ACL	SEE GLOSSARY ENTRY "CLEANER."	
Air Conditioning	A/C	SEE GLOSSARY ENTRY "AIR CONDITIONING."	
Air Fuel Ratio	A/F	A proportion of air to fuel.	
Ambient Air Temperature	AAT	Air temperature surrounding the vehicle.	
Automatic 4 Wheel Drive	A4WD	Automatic engagement or disengagement of 4 wheel drive based on need.	i silitiisi

RECOMMENDED TERM	ACRONYM	DEFINITION ES	CROTEGO DE SE
Automatic Transaxle	Colombia de la comparción de		575-2 (r, m² e.c⊇ sman.
Automatic Transmission	HAMTMED BERTHER ST	SEE GLOSSARY ENTRY "TRANSMISSION."	กษา แห่งได้รับบริสาส
Barometric Pressure	BARO ⁽¹⁾	SEE GLOSSARY ENTRY "PRESSURE."	r a nder of a nd one seem af
Battery Positive Voltage	B+(1)	SEE GLOSSARY ENTRY "BATTERY."	staten graff toes fill
Blower Control	вс	SEE GLOSSARY ENTRIES "BLOWER" and "CONTROL."	ರಾಗಡೆ ಸಂತನ್ನ ⊹್ಯ
Brake Pedal Position	BPP ***	SEE GLOSSARY ENTRY "BRAKE."	ଯହ ଅଭି ଏହି
Brake Pressure	(2) (2)	Positive pressure in the brake system.	್ಯಾಕ್ 237 ಪ್ರಕ್ರಾಮಕ
Bus Negative	BUS N		Trung <mark>ar4 si</mark> neuerkeen in dus 155
Bus Positive	, ABUS Parangas a	The positive side of a high aureant conductor	, the confidence of the control of the
Calculated Load Value	LOAD	Percent of engine capacity being used.	in e in deutsche George vorschied Beauti Nache er
Camshaft Position 30 Peter up 30 for 10 c.	na C MP on a chico le s		losti, sed
Canister (1904) 4 (1907) 10 (1907) 5 to disposit more escab	A (2) The best of the	SEE GLOSSARY ENTRY "CANISTER."	91 Tub.
Carbon Dioxide	CO2	SEE GLOSSARY ENTRY "CARBON DIOXIDE."	
Carbon Monoxide	CO CO	SEE GLOSSARY ENTRY "CARBON MONOXIDE."	
Carburetor	CARB ⁽¹⁾	SEE GLOSSARY ENTRY "CARBURETOR."	# HE 1 AS VC1
Catalytic Converter Heater			port light for the
THE CONTRACTOR OF THE CONTRACTOR	(2)	A device to quickly heat a catalytic converter.	lours village for greaters
Charge Air Cooler		A device which lowers the temperature of the pressurized intake	air. "Gent. 3 la multicus"
	Procedure Frances	SEE GLOSSARY ENTRIES "CLIMATE" and "CONTROL."	CA PG. 1 Teach
Closed Loop	re Cu nta e assumbas		
Closed Throttle Position		SEE GLOSSARY ENTRY "THROTTLE."	5 (28 t \$ do 11 to)
Clutch Pedal Position	CPR	SEE GLOSSARY ENTRY "CLUTCH."	e i dilagnatica di
coast Clutch Solenoid		A device that controls the coast clutch valve.	au siâ și siir ii l
constant Volume Sampler	cvs	An exhaust sampling system that provides a flow of a constant a	
continuous Fuel Injection	CFI	A fuel injection system with the injector flow controlled by fuel pro-	
continuous Trap Oxidizer	CTOX	A system for lowering diesel engine particulate emissions by coll continuously burning them through oxidation.	lecting exhaust particulates and
ontinuously Variable Transaxle	CVT	An automatic transaxle that operates at an infinite number of gea	ar ration (sylid in a Windowski construction
ontinuously Variable Transmission	CVT	An automatic transmission that operates at an infinite number of	
rankshaft Position	СКР	SEE GLOSSARY ENTRY "CRANKSHAFT."	gear ratios.
ritical Flow Venturi	CFV	An air flow regulating device which uses a sonic wave to limit air	flow guilla ii
ata Link Connector	DLC ⁽¹⁾	Connector providing access and/or control of the vehicle informa	
	in 4 Paul de la Laure	diagnostic information.	
Diagnostic Test Mode	DTM 1.16 A.1 LATE AND ALE CONTROL TO BE THE CONTR	A level of diagnostic capability in an On Board Diagnostic (OBD) functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis.	tic trouble codes, a monitor level
Diagnostic Test Mode Diagnostic Trouble Code	DTM 1.1541 And	functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis.	stic trouble codes, a monitor level with on/off board aids, and the ability
Diagnostic Trouble Code		functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis. An alphanumeric identifier for a fault condition identified by the C	stic trouble codes, a monitor level with on/off board aids, and the abilit on Board Diagnostic System.
	DTC 14 DTC 14 DTC 15 DT	functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis. An alphanumeric identifier for a faulticondition identified by the C Fuel injection system that supplies fuel directly into the combusti A system in which the ignition coil secondary circuit is switched by	stic trouble codes, a monitor level with on/off board aids, and the abilit on Board Diagnostic System. on chamber.
Diagnostic Trouble Code Direct Fuel Injection	DTC the DTL control of the DTL c	functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis. An alphanumeric identifier for a faulticondition identified by the C Fuel injection system that supplies fuel directly into the combusti A system in which the ignition coil secondary circuit is switched by various spark plugs.	stic trouble codes, a monitor level with on/off board aids, and the abilit on Board Diagnostic System. on chamber.
Diagnostic Trouble Code Direct Fuel Injection Distributor Ignition Drive Motor	DTC Till DTC Till DFI. 1000 200 000 000 DFI. 1000 200 DFI. 1000 200 DFI. 1000 200 DFI. 1000 200 DFI. 1000 20	functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis. An alphanumeric identifier for a fault condition identified by the C Fuel injection system that supplies fuel directly into the combusti A system in which the ignition coil secondary circuit is switched b various spark plugs. SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR."	stic trouble codes, a monitor level with on/off board aids, and the abilition Board Diagnostic System. on chamber. by a distributor in proper sequence to
piagnostic Trouble Code pirect Fuel Injection pistributor Ignition prive Motor prive Motor Control Module	DTC distribution of the control of t	functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis. An alphanumeric identifier for a fault condition identified by the C Fuel injection system that supplies fuel directly into the combusti A system in which the ignition coil secondary circuit is switched b various spark plugs. SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR." SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR" and "MODU	stic trouble codes, a monitor level with on/off board aids, and the abilit on Board Diagnostic System. on chamber. by a distributor in proper sequence to the control of th
iagnostic Trouble Code irect Fuel Injection istributor Ignition rive Motor rive Motor Control Module rive Motor Coolant Temperature	DTC DFI.	functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis. An alphanumeric identifier for a fault condition identified by the C Fuel injection system that supplies fuel directly into the combusti A system in which the ignition coil secondary circuit is switched b various spark plugs. SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR." SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR" and "MODU SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR" and "COOL	stic trouble codes, a monitor level with on/off board aids, and the abilit on Board Diagnostic System. on chamber. y a distributor in proper sequence to the comment of th
Diagnostic Trouble Code Direct Fuel Injection	DTC DFI DI DM DMCM DMCT DMPI	functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis. An alphanumeric identifier for a fault condition identified by the C Fuel injection system that supplies fuel directly into the combusti A system in which the ignition coil secondary circuit is switched b various spark plugs. SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR." SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR" and "MODU SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR" and "COOL SEE GLOSSARY ENTRIES "DRIVE", "MOTOR", and "INVERTE	stic trouble codes, a monitor level with on/off board aids, and the abilit on Board Diagnostic System. on chamber. ya distributor in proper sequence to the company and the co
piagnostic Trouble Code pirect Fuel Injection pistributor Ignition prive Motor prive Motor Control Module prive Motor Coolant Temperature prive Motor Power Inverter priver	DTC DFI. DI DM DMCM DMCT DMPI (2)	functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis. An alphanumeric identifier for a faulticondition identified by the C Fuel injection system that supplies fuel directly into the combustif A system in which the ignition coil secondary circuit is switched b various spark plugs. SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR." SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR" and "MODU SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR" and "COOL SEE GLOSSARY ENTRIES "DRIVE", "MOTOR", and "INVERTE SEE GLOSSARY ENTRY "DRIVER."	stic trouble codes, a monitor level with on/off board aids, and the abilit on Board Diagnostic System. on chamber. by a distributor in proper sequence to the company and the
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iagnostic Trouble Code irrect Fuel Injection istributor Ignition rive Motor rive Motor Control Module rive Motor Coolant Temperature rive Motor Power Inverter river arly Fuel Evaporation lectrically Erasable Programmable Read Only Memory	DTC DFI DI DM DMCM DMCT DMPI (2)	functional states to observe signals, a base level to read diagnos which includes information on signal levels, bi-directional control to interface with remote diagnosis. An alphanumeric identifier for a fault condition identified by the C Fuel injection system that supplies fuel directly into the combusti A system in which the ignition coil secondary circuit is switched b various spark plugs. SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR." SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR" and "MODU SEE GLOSSARY ENTRIES "DRIVE" and "MOTOR", and "INVERTE SEE GLOSSARY ENTRIES "DRIVE", "MOTOR", and "INVERTE SEE GLOSSARY ENTRY "DRIVER." Enhancing air/fuel vaporization during engine warm up. An electronic device named electrically erasable programmable in	stic trouble codes, a monitor level with on/off board aids, and the abilit on Board Diagnostic System. on chamber. by a distributor in proper sequence to the state of the sta
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RECOMMENDED TERM		ACRONYM	DEFINITION AND ADDRESS OF THE PROPERTY OF THE
Exhaust Gas Temperature		EGT .	Monitor/measure the high temperature of the exhaust gas/catalyst system.
Exhaust Pressure		EPART TO BE A	SEE GLOSSARY ENTRIES "EXHAUST" and "PRESSURE."
Exhaust Pressure Regulator		EPR at 7 10%	SEE GLOSSARY ENTRY "REGULATOR."
Exhaust Temperature		E/T	SEE GLOSSARY ENTRY "EXHAUST."
Four Wheel Drive		4WD	May or may not be driver selectable.
Fan Control		FC .	SEE GLOSSARY ENTRIES "FAN" and "CONTROL."
Flame Ionization Detector		FID	A device used to measure hydrocarbon concentrations.
Flash Electrically Erasable Programmable		FEEPROM	An electronic device named flash electrically erasable programmable read only memory.
Read Only Memory			Line Supplier Control of the S
Flash Erasable Programmable Read Only Memory		FEPROM * 1	An electronic device named flash erasable programmable read only memory.
Flexible Fuel		FF	A system capable of using a variety of fuels for vehicle operation.
Fourth Gear		-4 GR⁽¹⁾: 3™3 ¥	Identifies the gear in which the transmission is operating in at a particular moment (e.g., the Transmission Range [TR] switch may indicate that "drive" was selected but the transmission is operating in 4th gear as indicated by the 4GR switch).
Freeze Frame	and the	(2), (3)	A block of memory containing the vehicle operating conditions for a specific time.
Front Wheel Drive		FWD	A driveline configuration that transmits motive power only through the front axle.
Fuel Injector Control		FIC	SEE GLOSSARY ENTRIES "FUEL," "INJECTOR," AND "CONTROL."
Fuel Level Sensor		(2)	SEE GLOSSARY ENTRIES "FUEL" and "SENSOR."
Fuel Pressure		(2)	SEE GLOSSARY ENTRIES "FUEL" and "PRESSURE."
Fuel Pump		FP(1)	SEE-GLOSSARY ENTRIES "FUEL" and "PUMP."
Fuel Rail Pressure		FRP	SEE GLOSSARY ENTRIES "FUEL," "RAIL" and "PRESSURE."
Fuel Rail Temperature		FRT	The temperature of fuel in the fuel rail.
Fuel System Status		(2), (3)	Information describing operation of the fuel control.
The Control of the Co			
Fuel Tank Pressure	· ·	FTP	SEE GLOSSARY ENTRIES "FUEL," "TANK" and "PRESSURE."
Fuel Tank Temperature		FTT	The temperature of fuel in the fuel tank.
Fuel Trim		ो । 	A fuel correction term.
Full Time Four Wheel Drive	11	F4WD	A driveline configuration that transmits motive power to both axles. The system does not allow the driver to select between one axle and two operation.
Generator		GEN ⁽¹⁾	SEE GLOSSARY ENTRY "GENERATOR."
Glow Plug		(2) STAVE GRID	SEE GLOSSARY ENTRY "GLOW PLUG."
Governor		(2)	SEE GLOSSARY ENTRY "GOVERNOR."
Governor Control Module		GCM ⁽¹⁾	SEE GLOSSARY ENTRIES "GOVERNOR," "CONTROL" and "MODULE."
Grams Per Mile	e Zasanja sek	GPM SVITA	Grams of pollutant emitted per mile.
Ground		GND	SEE GLOSSARY ENTRY "GROUND."
Heated Oxygen Sensor		HO2S(1)	An oxygen sensor (02S) that is electrically heated.
44.1			
Heated 3-Way Catalyst		HTWC	3-way catalyst which is designed to be quickly heated in order to reduce cold start emissions.
High Clutch:Drum Speed		HCDS no	The high-clutch drum rotational speed.
High Pressure Cutoff		HPC	A method or device for limiting high pressure to a specified value.
Hydrocarbon .		HC	SEE GLOSSARY ENTRY "HYDROCARBON."
die Air Control		IAC	Electrical or mechanical control of throttle bypass air.
idle Speed Control	M :	ISC The state of t	Electronic control of minimum throttle position.
gnition Coil		(2)	A device which increases the voltage in an ignition circuit providing a spark to ignite a fuel/air mixt in an engine.
Ignition Control		IÇ	SEE GLOSSARY ENTRIES "IGNITION" and "CONTROL."
gnition Control Module	A 19	ICM ⁽¹⁾	SEE GLOSSARY ENTRIES " IGNITION," "CONTROL" and "MODULE."
ndirect-Fuel Injection		alei -	An injection system that supplies fuel into a combustion pre-chamber (Diesel).
•			
nertia Fuel Shutoff	. W	IFS	An inertia system that shuts off the fuel delivery system when activated by predetermined force lin
njection Control Pressure		ICP	Injection control pressure for hydraulically actuated injectors.
nput Shaft Speed		ISS	SEE GLOSSARY ENTRIES "INPUT SHAFT" and "SPEED."
ntake Manifold Tuning		IMT	Controls air flow by changing the resonant frequency in the intake manifold.
nspection and Maintenance		I/M ⁽¹⁾	An emission control program.
ntake Air		ΊÀ.	SEE GLOSSARY ENTRY "INTAKE AIR."
ntake Air Temperature		IAT	SÉÉ GLOSSARY ENTRY "INTAKE AIR."
ntake Manifold Runner Control	. :	IMRC	Controls air flow through runners in the intake manifold.
Knock Sensor		KS ⁽¹⁾	SEE GLOSSARY ENTRIES "KNOCK" and "SENSOR."
Malfunction Indicator Lamp	F 17 497	MIL ⁽¹⁾	्र A required on board indicator to alert the driver of an emission-related malfunction.
Manifold Absolute Pressure		MAP	SEE GLOSSARY ENTRIES "MANIFOLD" and "PRESSURE."
Manifold Absolute Pressure and Temperature		MAPT	See glossary entry MANIFOLD, PRESSURE and TEMPERATURE.
Manifold Differential Pressure		MDP	SEE GLOSSARY ENTRIES "MANIFOLD" and "PRESSURE."
Manifold Surface Temperature		MST	SEE GLOSSARY ENTRY "MANIFOLD."
Manifold Vacuum Zone		MVZ	SEE GLOSSARY ENTRIES "MANIFOLD" and "VACUUM."
Manual Transaxle		M/T	SEE GLOSSARY ENTRY "TRANSAXLE."
Manual Transmission		M/T	SEE GLOSSARY ENTRY "TRANSMISSION."
Mass Airflow		MAF	A system which provides information on the mass flow rate of the intake air to the engine.

RECOMMENDED TERM	ACRONYM	DEFINITION	(E)
Mixture Control	MC	A device which regulates bleed air, fuel, or both, on carbureted vehicles.	Value 1 a
Multiport Fuel Injection	MFI	A fuel-delivery system in which each cylinder is individually fueled.	the transfer to the second
Non Dispersive Infra Red	NDIR	An emission measuring technique typically used for measuring carbon monoconcentrations.	a Acceptance
Non-Volatile Random Access Memory	NVRAN.	An electronic device named non-volatile random access memory.	TOOK HIMOTER DIEW!
Nitrogen Oxides	NOX	SEE GLOSSARY ENTRY "NITROGEN OXIDES".	
On Board Diagnostic	OBD	A system that monitors some or all computer input and control signals. Signals	al(s) outside of the
On-Board Refueling Vapor Recovery	ORVR	predetermined limits imply a fault in the system or in a related system.	Marie Caracter of Artist Co.
Open Loop	OL	A system incorporated into a vehicle fuel system designed to collect fuel vap SEE GLOSSARY ENTRY "OPEN LOOP."	ors during refueling.
Overdrive Drum Speed	ODS	The overdrive drum rotational speed.	The bide to
Output Shaft Speed	O\$S	SEE GLOSSARY ENTRY "OUTPUT SHAFT" and "SPEED."	11. 149.
Oxidation Catalytic Converter	000	A catalytic converter system that reduces levels of HC and CO.	
Oxygen	O2 * 2 *** 2 **	SEE GLOSSARY ENTRY "OXYGEN."	
Oxygen Sensor	O2S ⁽¹⁾	A sensor which detects oxygen (O2) content in the exhaust gases.	n i Arabah Cilili sisev
Park/Neutral Position	PNP	SEE GLOSSARY ENTRY "PARK/NEUTRAL."	The street street is a major recognity.
Parameter Identification	PID	Identifies an address in memory which contains vehicle operating information	Charles Carlos I
Periodic Trap Oxidizer	PTOX	A system for lowering diesel engine particulate emissions by collecting exhau periodically burning them through oxidation.	
Positive Crankcase Ventilation	PCV	Positive ventilation of crankcase emissions.	e salada 1
Power Steering Pressure	PSP	SEE GLOSSARY ENTRY "POWER STEERING."	
Power Steering Control	PSC	SEE GLOSSARY ENTRY "POWER STEERING" and "CONTROL."	of the Contract of
Power Takeoff	PTO	A supplementary mechanism (as on a truck) enabling the engine power to be	used to operate non-
Powertrain Control Module	Dan (4)	automotive apparatus (such as a pump).	
Pressure Control	PCM ⁽¹⁾	SEE GLOSSARY ENTRIES "POWERTRAIN" "CONTROL" and "MODULE."	
Pressure Relief	PC	SEE GLOSSARY ENTRIES "PRESSURE" and "CONTROL."	g for the activities about
Programmable Read Only Memory	PR	Limits excess pressure in a controlled system.	
Pulsed Secondary Air Injection	PROM	An electronic device named programmable (by the manufacturer) read only m	nemory.
	PAIR ⁽¹⁾	A pulse driven system for providing secondary air without an air pump by usir system pressure fluctuations or pulses.	ng the engine exhaust
Pulse Width Modulation	PWM	A rectangular wave with a variable on-off time.	45 - A - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
Random Access Memory	RAM	An electronic device named random access memory.	The House expec
Read Only Memory	ROM	An electronic device named read only memory.	95% 90%, 2%
Rear Wheel Drive	RWD	A driveline configuration that transmits motive power only through the rear axi	*: 69/67 l e.
Relay Module	- RM ⁽¹⁾ - 150 - 151 - 151 - 151	SEE GLOSSARY ENTRIES "RELAY" and "MODULE."	
Scan Tool	ST ⁽¹⁾	SEE GLOSSARY ENTRY "SCAN TOOL."	arta eddhaoth dA robhairth
Secondary Air Injection	CAIR(1)	A pump-driven system for providing secondary air.	resulted
Selectable Four Wheel Drive linged as to explain on the second and the second s		A driveline configuration that allows the driver to select the option to transmit both axles or only to one axle (front or rear).	
Sequential Multiport Fuel Injection	SFI undisula	A multiport fuel delivery system in which each injector is individually energized its cylinder intake event. Normally fuel is delivered to each cylinder once per	
Service Reminder Indicator	SRI ⁽¹⁾	revolutions in four cycle engines and once per crankshaft revolution in two cycle indicator used to identify a service requirement.	cie engines. Vino()
Shift Solenoid	SS	SEE GLOSSARY ENTRY "SHIFT SOLENOID."	
Smoke Puff Limiter Spark Advance	SPL	A system to reduce discal experience during a system to	es sovel
Spark Advance	(2), (3)	A system to reduce diesel exhaust smoke during vehicle acceleration or gear The relationship between the ignition timing and top dead center.	changes.
Spark Plug and a Lifety critition are of either for a north which are		A device for producing an electrical spark inside the cylinder of an internal cor-	mbustion engine to
Supercharger	SC(1)Devri ut egrodi	ignite the identifixture.	
Supercharger Bypass 3377	SCB - Incasce of	SEE GLOSSARY ENTRY "SUPERCHARGER "	io Parg. Di
System Readiness Test and Land	SRT	SEE GLOSSARY ENTRY "SUPERCHARGER."	- Afrika tangga ay Tangga kangga kang
Thermal Expansion and fulled toward based to obvious of sec. If	TENTO	System readiness test as applicable to OBDII scan tool communications.	Description of the same of the
Thermal Vacuum Valve	TVV ⁽¹⁾	SEE GLOSSARY ENTRY "THERMAL EXPANSION."	Taba 41.
SAM A BANGGARD grés à lutrit en constitute et annuel de r. Third Gear	te a remain e la su	A valve that controls vacuum levels or routing based on temperature.	16 (189.CE)
the Control of the Co	3GR⁽¹⁾	Identifies the gear in which the transmission is operating in at a particular mon Transmission Range [TR] switch may indicate that "drive" was selected, but the operating in 3rd gear as indicated by the 3GR switch).	nent (e.g., the e transmission is
Three Way + Oxidation Catalytic Converter	TWC+OC	A catalytic converter system that has both Three Way Catalyst (TWC) and Oxi Usually secondary air is introduced between the two catalysts.	dation Catalyst (OC).
Three Way Catalytic Converter	TWC	A catalytic converter system that reduces levels of HC, CO, and NOX.	Tue drawning
Throttle Actuator	(2)	SEE GLOSSARY ENTRIES "THROTTLE" and "ACTUATOR."	
Throttle Actuator Control of Access of a necessary section real for	TAC	SEE GLOSSARY ENTRIES "THROTTLE," "ACTUATOR" and "CONTROL"	Cliffons 2
Throttle Body	TB(t)	SEE GLOSSARY ENTRIES "THROTTLE" and "BODY."	
Throttle Body Fred Internation	ТВІ	An electronically controlled fuel injection system in which one or more fuel injection	Value)
Mádána filitir og tar þei	o international	tirotte poav	ctors are located in a
Throttle Position that of countries being equalities as a countries of Lag.	JIRC's German a carba	SEE GLOSSARY ENTRY "THROTTLE."	consingt) (ic0
Torque Converter Clutch	TCC ⁽¹⁾	SEE GLOSSARY ENTRIES "CONVERTER" and "CLUTCH."	
Torque Converter Clutch Pressure	TCCP	A positive pressure in a torque converter clutch hydraulic circuit.	
	TRLHP	The power required for a vehicle to maintain a constant speed taking into acco	unt power losses due
** ***********************************	and the second of the second o	to such things as wind resistance, tire losses, bearing friction, etc.	un power losses due

RECOMMENDED TERM	ACRONYM	DEFINITION
Transmission Control Module	TCM ⁽¹⁾	SEE GLOSSARY ENTRIES "TRANSMISSION," "CONTROL," and "MODULE."
Transmission Fluid Pressure	TEP	Positive pressure in a transmission hydraulic system.
Transmission Fluid Temperature	TFT	Temperature of transmission fluid.
Transmission Range	TR	SEE GLOSSARY ENTRIES "TRANSMISSION," and "RANGE."
Turbine Shaft Speed	TSS	SEE GLOSSARY ENTRIES "TURBINE SHAFT," and "SPEED."
Turbocharger	TC ⁽¹⁾	SEE GLOSSARY ENTRY "TURBOCHARGER."
Variable Control Relay Module	VCRM	A module that variably controls engine cooling fan speed, operates the A/C compressor clutch, and controls some of the non-A/C functions.
Vehicle Control Module	VCM ⁽¹⁾	An electronic module that controls the powertrain plus chassis and/or body related functions.
Vehicle Identification Number	VIN	A unique number on the vehicle used for identification.
Vehicle Speed Sensor	VSS ⁽¹⁾	A sensor which provides vehicle speed information.
Voltage Regulator	VR ⁽¹⁾	SEE GLOSSARY ENTRY "REGULATOR."
Volume Airflow	VAF	A system which provides information on the volume flow rate of the intake air to the engine.
Warm Up Oxidation Catalytic Converter (1000 0000 0000 0000000000000000000000	WU-OC -	A catalytic converter system designed to lower HC and CO emissions during engine warm up. Usually located in or near the exhaust manifold.
Warm Up Three Way Catalytic Converter	WU-TWC	A catalytic converter system designed to lower HC, CO, & NOX emissions during engine warm up. Usually located in or near the exhaust manifold.
Wide Open Throttle	WOT	SEE GLOSSARY ENTRY "THROTTLE."

- 1. Historically acceptable common usage
- 2. Use recommended term only
- For alphanumeric descriptor, see Table 4.
 Change Bar to the left of the row indicates new/revised entry

7. Glossary of Terms—Table 3 is an alphabetical listing of base words and single word modifiers, together with their definitions.

TABLE 3—GLOSSARY OF TERMs(1)

man or the street of the street	TABLE 3 - GLOGSATT OF TETRIS	
BASE WORD/SINGLE WORD MODIFIER	Congress Congress of Congress	programme to the
Accelerator Pedal	A foot operated device which, directly or indirectly, controls the flow of fuel and/or air to the engine,	controlling engine speed.
	A vessel in which liquid or gas is stored, usually at greater than atmospheric pressure.	gasta est de tradiciones de la companya del companya del companya de la companya
Accumulator	A mechanism for moving or controlling something indirectly instead of by hand.	
Actuator Leikertooners Long Leighning	Compare: Solenoid, Relay, and Valve.	
Ale Conditioning	A vehicular accessory system that modifies the passenger compartment air by cooling and drying	the air.
Air Conditioning	See Generator.	$ \mathbf{C}_{k} \mathbf{C}_{k} $
Alternator Battery	An electrical storage device designed to produce a DC voltage by means of an electrochemical re-	action.
Blower agent are the send of wift in Class	A device designed to supply a current of air at a moderate pressure. A blower usually consists of and a suitable case. The blower case is usually designed as part of a ventilation system. Compare: Fan.	an impeller assembly, a motor,
ng the problem by region on a constitution.	A device for retarding motion, usually by means of friction.	11.7
Brake year take and not cerean standing station Body increase elega and at mit devot the fu	 (1) The assembly of components, windows; doors, seats, etc., that provide enclosures for passent vehicle. It may or may not include the hood and fenders. (2) The primary, central, or key part of a feature. 	gers and/or cargo in a motor
Bypass	Providing a secondary path to relieve pressure in the primary passage.	and the second of the second o
Camshaft Consists and you neither that a deli-	A shaft on which phased cams are mounted. The camshaft is used to regulate the opening and convalves.	
Canister noticed more intractal in the title its	(¿) An evaporative emission canister contains activated charcoal which absorbs fuel vapors and hold purged at an appropriate time. Patron of which	s them until the vapors can be
Capacitor	An electrical device for accumulating and holding a charge of electricity.	All there is
Carbon Dioxide	A heavy colorless gas that can be found as a product of complete combustion.	the military weeks
Carbon Monoxide	A colorless odorless gas that can be found as a product of incomplete combustion.	
Carburetor	A mechanism which automatically mixes fuel with air in the proper proportions to provide a desire ignition internal combustion engine.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Catalyst Unit and some of the Catalyst Catalyst (Catalyst (See) year was a report of the Catalyst (See).	A substance that can increase or decrease the rate of a chemical reaction between substances very process.	vithout being consumed in the
Chassis forms are test industrial countries.	The suspension, steering, and braking elements of a vehicle.	also describe the electrical path
Circuit Consequence and consequences (CVC) region (C	A complete electrical path or channel, usually includes the source of electric energy. Circuit may between two or more components. May also be used with fluids, air, or liquid.	
Cleaner	A device used in the intake system of parts that require clean air. An air cleaner usually has a filte pass clean air through.	ا الله الله (hap particulates and only have
Climate	The temperature/ventilation in the passenger compartment.	
Closed Loop (Engine)	An operating condition or mode which enables modification of programmed instructions based o	n a reedback system:
Clutch	A mechanical device which uses mechanical, magnetic, or friction type connections to facilitate can shafts or rotating members.	engaging or disengaging of two-
in missessi ora erofecjai last atta the into full Code	A system of symbols (as letters, numbers, or words) used to represent meaning of information.	
Coil (Ignition)	A device consisting of windings of conductors around an iron core, designed to increase the voltage system.	15 MARTIN A JAMENA
Control	A means or a device to direct and regulate a process or guide the operation of a machine, appa	ratus, or system.
Converter (Catalytic)	An in-line, exhaust system device used to reduce the level of engine exhaust emissions.	e liberalis estábal fila
Converter (Torque)	A device which by its design multiplies the torque in a fluid coupling between an engine and tran	smission/transaxle.

TABLE 3—GLOSSARY OF TERMs⁽¹⁾ (continued)

BASE WORD/SINGLE WORD MODIFIER	DEFNITION DEFNITION DESCRIPTION DESCRIPTIO	
Coolant	A fluid used for heat transfer. Coolants usually contain additives such as rust inhibitors and antifreeze.	
Cooler	A heat exchanger that reduces the temperature of the named medium.	
Crankshaft	The part of an engine which converts the reciprocating motion of the pistons to rotary motion.	en.caH
Data (CDR) beach and result of the con-	General term for information, usually represented by numbers, letters, symbols.	MigN. II
Device	A piece of equipment or a mechanism designed for a specific purpose or function. DO NOT use "Device" as a Base Word.	ii nosiii
Diagnostics	The process of identifying the cause or nature of a condition, situation, or problem. To determine corrective action in repair of	of
Differential	automotive systems. (1) A device with an arrangement of gears designed to permit the division of power to two shafts. (2) See Pressure.	achi (3
Distributor unolities to	A mechanical device designed to switch a high voltage secondary circuit from an ignition coil to spark plugs in the proper firi	
Driverse a satisfied of Colore periods in Local	A desire which wouldn't find be well as the desired by	
Driver	A switched electronic device that controls output state.	ionsice:
Electrical professional situation or accom-	A type of device or system using resistors, motors, generators, incandescent lamps, switches, capacitors, batteries, inductor wires. Compare: Electronic.	rs, or
Electronic	(1) A type of device or system using solid state devices or thermionic elements such as diodes, transistors, integrated circuit	di nes
n vina en especialiste en escende e la electrica (il il i	(1) A type of vervie of system using solid state devices of trienfinding elements such as glodes, transistors, integrated circuit vacuum fluorescent displays, and liquid crystal displays. (2) The storage, retrieval, and display of information through media such as magnetic tape, laser disc, electronic read only mit (ROM), and random access memory (RAM). Compare: Electrical.	100 2 10
Engine	A machine designed to convert thermal energy into mechanical energy to produce force or motion.	
Exhaust	Gaseous by-products of combustion emitted from an engine.	r editoria
Fan c:	A device designed to supply a current of air. A fan may also have a frame, motor, wiring harness, and the like. Compare: Blower.	Ard" No. 1
Fuel ·	Any combustible substance burned to provide heat or power. Typical fuels include gasoline and diesel fuel. Other types of f	uel
		or out i
		ecourt?
Glow Plug Consultation of the Vertical Group Control of the American Control of the Control of	A combustion chamber heat generating device to aid starting diesel engines.	Aysur, Af
egorges, cest, hit to decide a cosen.	A device designed to automatically little engine speed.	8399°, 71
Ground	An electrical conductor used as a common return for an electric circuit(s) and with a relative zero potential.	
Hydrocarbon នៅខេត្តទី២៩៤៣០ ខែបានកម្មាននៅ	An organic compound containing various carbon and hydrogen molecules which occur in fuel.	ar an W
Idle	Rotational speed of an engine with vehicle at rest and accelerator pedal not depressed.	
Ignition .	System used to provide high voltage spark for internal combustion engines.	213475.1
Indicator	A device which visually presents vehicle condition information transmitted or relayed from some other source.	int M
Injector has we objects to globab out gainer	A device for delivering metered pressurized fuel to the intake system or the cylinders.	parti
Input Shaft	A shaft in a device that is "driven" by the previous element in the powertrain.	
Intake Air	Air drawn through a cleaner and distributed to each cylinder for use in combustion.	ober 11
Inverter	A device which converts direct current to alternating current.	na an a
Knock (Engine)	The sharp, metallic sound produced when two pressure fronts collide in the combustion chamber of an engine.	
Level	The magnitude of a quantity considered in relation to an arbitrary reference value.	
Line	A generic service term used to describe a system of pipes, tubes, and hoses.	and the second
Link (Electrical/Electronic)	General term used to indicate the existence of communication facilities between two points.	Question in
Manifold 3.0	A device designed to collect or distribute fluid, air, or the like, in some distribute fluid, air, or the like, in some distribute fluid, air, or the like, in some distribute fluid fluid from the fluid fl	\$ 1817W
Memory	A daying in which data can be stored and used when needed	
Mode	One of several alternative conditions or methods of operating a device or control module.	option of
Module (Electrical/Electronic)	A self-contained group of electrical/electronic components, which is designed as a single replaceable unit.	
Motor	A machine that converts kinetic energy, such as electricity, into mechanical energy. Compare: Actuator.	
Nitrogen Oxides	Various combinations of nitrogen and oxygen atoms which can be a product of incomplete combustion.	
Open Loop	An operating condition or mode based on programmed instructions and not modified by a feedback system.	
Output Shaft Opposition As JOHA	A shaft in a device that drives the next element in the powertrain.	
Oxygen 11000 11000	A colorless, tasteless, odorless gas that supports combustion.	
Park/Neutral	The selected non-drive modes of the transmission.	7.5
Power Steering	A system which provides additional force to the steering mechanism, reducing the driver's steering effort.	4.4
Powertrain	The elements of a vehicle by which motive power is generated and transmitted to the driven axles.	
Pressure	Unless otherwise noted, is gage pressure.	
Pressure (Absolute)	The pressure referenced to a perfect vacuum.	
Pressure (Atmospheric)	The pressure of the surrounding air at any given temperature and altitude. Sometimes called barometric pressure.	· · · · · · ·
Pressure (Barometric)	Pertaining to atmospheric pressure or the results obtained by using a barometer.	
Pressure (Differential)	The pressure difference between two regions, such as between the intake manifold and the atmospheric pressures.	
Pressure (Gage)	The amount by which the total absolute pressure exceeds the ambient atmospheric pressure.	. 15
Pump	A device used to raise, transfer, or compress fluids by suction, pressure, or both.	internal Guardia
Radiator	A radiator is a liquid to air heat transfer device having a tank(s) and core(s) specifically designed to reduce the temperature of	of the
Rail	coolant in an internal combustion engine cooling system.	
	Compare: Manifold	
Range	The detent position of the transmission manual valve.	

TABLE 3—GLOSSARY OF TERMs⁽¹⁾ (continued)

BASE WORD/SINGLE WORD MODIFIER	Similar is established	DEFNITION	STANK TO CHECK MEDITS MENTER STANKS SANT
Relay South America	A generally electromechanical device in which connections in one circuit are opened or closed by changes in another circuit. Compare: Actuator, Solenoid, and Switch.		
Regulator (Mechanical)	A mechanism for controlling the flow or p		
Regulator (Voltage)	A device that automatically controls the	functional output of another device by adjusting the	voltage to meet a specified value.
Scan Tool	A device that interfaces with and commu	inicates information on a data link.	
Secondary Air	Air provided to the exhaust system.	a, and the one of the second s	ecura.
Sensor	The generic name for a device that sens	es either the absolute value or a change in a physic erts that change into an electrical quantity signal.	
Shift Solenoid	A device that controls shifting in an auto	matic transmission.	wer avial
Signal (Electrical/Electronic)	A fluctuating electric quantity, such as ve	oltage or current, whose variations represent inform	
Solenoid Sign of continuous Copy.	A device consisting of an electrical coil or position. A solenoid may be used as an Compare: Actuator, Relay, and Switch.	which when energized, produces a magnetic field in actuator in a valve or switch.	6900
Solid State	Crystalline circuit structures used to per integrated circuits, and other semicondu	form electronic functions. Examples of such structuctors.	ires include transistors, diodes,
Speed - Laboury purchase valvatives of courts	The magnitude of velocity (regardless of	direction).	el. (cr.)
Supercharger your remains the fact of the memorial position which is	A mechanically driven device that pressu	rizes the intake air, thereby increasing the density of	of charge air and the consequent power
Switch	Compare: Relay, Solenoid, and Valve.	ing the connections in an electrical circuit.	
System unalibrary	A group of interacting mechanical of ele	ctrical components serving a common purpose.	€60 mm
Tank	A storage device for liquid or gas.	rie Brigaria del da la Compty recombi	was at H
Test Je Dienvibna jaar 4.1	A procedure whereby the performance of	of a product is measured under various conditions.	25°4
Thermal Expansion	The expansion of a solid, liquid, or gas of	lue to a change in temperature.	H-97
Throttle		d, usually air or a fuel/air mix, to an engine:	
Transaxle	Campaga Transmission	id axle drive gears assembled in the same case.	MGC All
Transducer Islandea equals.	A device that receives energy from one example, the cruise control transducer of	system and retransmits (transfers) it, often in a difference onverts a vehicle speed signal to a modulated vacu	
Transmission	Onnanana, Transacula	decreases the ratio of relative rotation between its in an elementary of the content of the con	nput and output shafts. 600040040491
Troubleshooting	O Di	us the as a man of the sulvance of the at mesey?	earth of
Turbine Shaft .egreps no disconnect	A aboft in a daylog that is driven by a tur		West and the
Turbocharger	A centrifugal device driven by exhaust g consequent	ases that pressurize the intake air, thereby increasi	
I Days de Lea		icement: 75 F. San Francisco (Company)	rija da sama
Ultraviolet		trum between violet visible light and x-rays.	Drymage
Vacuum Valve (ndigrap and to not here)		luced below the ambient atmospheric pressure.	and the second s
Vapor	reaction by times the new or a negata, g	as, vacuum, or loose material in bulk may be started inguished from the liquid or solid state.	a. Kovad
Volatile		inguished from the liquid of solid state. (**	ent.
		en e	ydding o diffingul wilder the i
Wastegate		llowing exhaust gases to bypass the turbocharger	teoth of
Wheel		ay be solid, partially solid, or spoked and capable of	

^{1.} Change bar to the left of the row indicates new/revised entry

8. Alphanumeric Descriptor Table—Table 4 is an alphabetical listing of alphanumeric descriptors to be used when required due to limited display sizes.

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TABLE 4—ALPHANUMERIC DESCRIPTOR TABLE		9 (166sg)
RECOMMENDED	TERM ACCEPTABLE ACRONIZED USAGE LIBERTY ASSETS AS	ALPHANUMERIC DESCRIPTOR
Central Multiport Fuel Injection	Central MFI promise a supplied to the CMFI mail	. a - 3x 1.21
Diagnostic Trouble Code Freeze Fran	ne valuatio ello allo allo acontro Freeze Frame allo finationo eccelibro ello colo dello colo ello ello ello ello ello ello	grant (Aphroxevi).
Freeze Frame	en la nome como la lifreeze Frame i como Basana provide de la life de la FRZF e di	6(5.4h.) sin
Fuel Pressure	Fuel Pressure	2 + 1000009
Fuel System Status	Fuel System Status	with the second
Long Term Fuel Trim	of sentings, course the Long Term FT to the least of personal types at the first LONG FT	Fig. 19.2 (23%)
OBD Status	OBD Status 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Service of Captures
Oxygen Sensor Location (1996) 7 (19	migrando están la cultura O2S Docation internada a facilitar en el production de Arcelon de Arcelon de Arcelon	(f - 1887) - 400,000 S
Parameter Identification Supported	prent in place of PID Supported a recommend in seal of predebath in all PID SUP	filigatin or resent.
Short Term Fuel Trim bp	Short.Term FT bp	ME, JC
Spark Advance and not the confi		Finalister
b = numeric indication of bank p = numeric indication of position Bold indicates new/revised entry	i da la completa de la completa del completa de la completa del completa de la completa del la completa de la completa del la completa de la completa de la completa del la completa de la completa de la completa del la comple	he/C
	and the large of the state of t	-9.5

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9. Revision Procedures—It will be appropriate to revise the published SAE J1930 on an ongoing basis. Requested revisions and updates will be controlled by the SAE Vehicle E/E Systems Diagnostics Standards Committee using the normal Recommended Practice Ballot process. This will ensure proper distribution of the changes.

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racina de la coming<mark>ión deben basaque</mark>rol do discusadanços discibilida

As required by SAE standards, the SAE J1930 document will be formally updated and balloted at least once every five years. When warranted by the number of requested modifications, SAE J1930 will be updated as often as every three months.

TREE OF CONTRACTOR

Use Appendix A for submission of new information.

APPENDIX A REQUEST FOR REVISION TO SAE J1930 ELECTRICAL/ELECTRONIC SYSTEMS DIAGNOSTIC TERMS, DEFINITIONS, ABREVIATIONS & ACRONYMS

วงที่ได้ พระเหมือนสรีใหญ่ได้ autholigqa. Athroni, die 1840 To insure that your request is accepted for ballot and incorporation into J1930, please supply the following information consistent with the methodology of Section 4: s valterary Chillis Please send completed form to: SAE Task Force, 755 West Big Beaver Rd., Suite 1600, Troy, MI 48084-4093 USA. ELECTRICAL PROPERTY FAX # (248) 273-2494 PURPOSE or RATIONAL FOR REQUEST: • SECTION 5.0 (Table 1.0) EXISTING USAGE(S) **RECOMMENDED TERMS:** • SECTION 6.0 (Table 2.0) **RECOMMENDED TERMS:** Delete Change Existing: Engaled of the same Accidentation (Accidentation and Accidentation) Suggested: ACRONYM/ABBREVIATIONS Existing: Suggested: **DEFINITION:** Existing: partial _allertial W Suggested :: • SECTION 7.0 (Table 3.0) GLOSSARY of TERMS • SECTION 8.0 (Table 4.0) ALPHANUMERIC DESCRIPTOR DESIRED REQUESTOR: Phone: and the supposition and successive Jega<mark>e expálit i "ve</mark>rchaga de millistrica a Signature Date COMMITTEE USE ONLY Recommended for ballot? YES NO **Ballot Target Date** Comments: J1930 Chairperson that the part of the part was Date:

edited to a little of edites of FIGURE A1—REQUEST FOR REVISION FORM

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