	<b>SURFACE VEHICLE RECOMMENDED PRACTICE</b>	
	<b>SAE</b>	<b>J2403 JUN2012</b>
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Superseding J2403 SEP2011		
(R) Medium/Heavy-Duty E/E Systems Diagnosis Nomenclature		

## RATIONALE

SAE J2403 has been updated with new terms for 2013 applications. Additionally, some existing terms have been updated to be more consistent with similar terms, and known typographical errors have been corrected.

## FOREWORD

The nomenclature consisting of terms, definitions, abbreviations, and acronyms describing various components of the EPA defined heavy duty (HD), including CARB defined medium duty (MD), compression ignition and spark ignited engine systems has increased enormously due to the number of sophisticated electrical and electronic (E/E) systems. To bring some order to the proliferation of such nomenclature, the Electrical and Electronics Committee of the SAE Truck and Bus Council has prepared this document. This document was developed using the SAE J1930 Vehicle E/E Systems Diagnostic Committee's document as a starting point.

The nomenclature used to convey MD and HD service information is being standardized in order to more accurately convey information to technicians faced with the diagnosis and repair of increasingly complex electronically controlled engine and vehicle systems. This includes many types and configurations of conventional mechanically controlled engines.

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 utilizing a set of words upon which names are built.

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 technician.

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## 1. SCOPE

This SAE Recommended Practice is applicable to all E/E systems on MD and HD vehicles. The terms defined are largely focused on compression-ignited and spark-ignited engines. Specific applications of this document include diagnostic, service and repair manuals, bulletins and updates, training manuals, repair data bases, under-hood emission labels, and emission certification applications.

This document focuses on diagnostic terms, definitions, abbreviations, and acronyms applicable to E/E systems. It also covers mechanical systems which require definition.

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

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), "previous 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.
- c. 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.)

## 2. REFERENCES

### 2.1 Applicable Documents

The following publications form a part of this specification to the extent specified herein. Unless otherwise indicated, the latest issue of SAE publications shall apply.

#### 2.1.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), [www.sae.org](http://www.sae.org).

SAE J1587 Electronic Data Interchange Between Microcomputer Systems in Heavy-Duty Vehicle Applications

SAE J1930 Electrical/Electronic Systems Diagnostic Terms, Definitions, Abbreviations, and Acronyms - Equivalent to ISO/TR 15031-2

SAE J1939-71 Vehicle Application Layer

SAE J1939-73 Application Layer - Diagnostics

SAE J2403DA Digital Annex for Medium/Heavy-Duty E/E Systems Diagnosis Nomenclature

## 3. HOW TO USE THIS DOCUMENT

To find the recommended term corresponding to a previously used term, abbreviation, or acronym, see Section 6, Cross Reference and Look Up and Section 8, Recommended Terms.

Section 7, Recommended Terms and Usage and Section 0, need to be used to pick the recommended term that precisely defines the parameter. The parameter names sometimes convey location in addition to the signal being defined (e.g., Intake Air Temperature, Intake Manifold Air Temperature, Ambient Air Temperature).

Use Section 4, Methodology to construct a new name.

### 3.1 Definitions

#### 3.1.1 Recommended Term

The Recommended Term is the approved terminology that is the basis for constructing an Acceptable Usage term. A Recommended Term generally refers to a specific component, property, system, or sub-system, and it is the basis for constructing the terms that describe associated component, properties, or sub-systems.

#### 3.1.2 Previous Usage

The Previous Usage shows different terminology known to have been used at some time in the past. The Recommended Term and the Acceptable Usage text should be used in place of the text listed as Previous Usage.

#### 3.1.3 Acceptable Usage

This is the preferred terminology that should be used in place of the Previous Usage text. The Acceptable Usage uses or is derived from a Recommended Term. The capitalized text in the Acceptable Usage highlights the Recommended Term text.

#### 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 (Table 4). 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.

Modifiers				Base Word	
What is the purpose?	Where is it?	Which Temperature?	What does it sense?	What is it?	
				Sensor	Most Generic
			Temperature	Sensor	
		Coolant	Temperature	Sensor	
	Engine	Coolant	Temperature	Sensor	Most Specific
Instrumentation	Engine	Coolant	Temperature	Sensor	
Least <----- Significance -----> Most					

FIGURE 1 - MODIFIER USAGE EXAMPLE

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 E/E 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 E/E object name to the mechanical base word. When using a common multiple word modifier, see Table 1 and Table 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.

#### 4.1.2 Modifiers

Modifiers provide functional/application meaning, system differentiation, and location/direction information. Modifiers usually express non-electrical ideas to describe base words which, in turn, convey E/E 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.

Although modifiers are used as adjectives, they are not necessarily terms which would normally be classified as adjectives. While neither "Air" nor "Flow" are adjectives, the meaning of "Air Flow 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.

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 Air Flow 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 "Air Flow 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 "/" 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 Sensor   Low Speed FC Switch   High Speed FC Switch

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 it's desirable for longer acronyms such as "RADAR" to 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 accompanied 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 catalyst. Because of the similarity to the previous system, technicians have expressed a strong desire to retain "AIR" rather than "SAI."

Before using a new acronym, be sure to check Sections 6 and 8 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 Section 6.

#### 4.4 Indexing of Names

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 through 4.4 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 Objects or 4.2 Naming Systems. 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 PRESS becomes FUELPRESS)

If Section 1 does not contain a matching Alphanumeric Descriptor, request an addition, using the request for Revision form in Appendix A.

Recommended Terms	Acceptable Acronized Usage	Alphanumeric Descriptors
Diagnostic Trouble Code Freeze Frame	<u>DTC</u> Freeze Frame	DTC FRZF
Engine Coolant Temperature	<u>ECT</u>	None Required
Flexible Fuel	<u>FF</u>	None Required
Freeze Frame	Freeze Frame	FRZF
Fuel Pressure	Fuel Pressure	FUEL PRESS
Fuel System 1 Status	Fuel System 1 Status	FUEL STS1
Long Term Fuel Trim Bank 2	Long Term <u>FT</u> Bank 2	LONG FT2
Oxygen Sensor Location Bank 1 Position 1	<u>O2S</u> Bank 1 Position 1	O2SLOC11

FIGURE 2 - SHORTENING WITH ALPHANUMERIC DESCRIPTORS EXAMPLE

## 5. NAMING OF MULTIPLE BANKS AND MULTIPLE DEVICES

For vehicles that have multiple banks, or multiple systems, the parameter names in those systems shall be distinguished by a numerical identifier after the appropriate modifier. For example, if there are two exhaust banks and each one has its own aftertreatment system, then the aftertreatment parameters in exhaust bank 1 would be named "Aftertreatment 1 (*other modifiers and base word*)". The aftertreatment parameters in exhaust bank 2 would be named "Aftertreatment 2 (*other modifiers and base word*)".

Multiple devices in the same system will either be distinguished by a numerical identifier or a unique name which describes the device sufficiently that a numerical identifier is unnecessary. If multiple devices in the same system are named using the numerical identifier, then the numerical identifier will be after the base word. The numerical identifier would increase as the location of the devices increase, as determined by the direction of the circuit, from the point of reference. The one closest to the point of reference would have a numerical identifier of 1. The one farthest would have the largest numerical identifier. For example, if the aftertreatment system in exhaust bank 1 has multiple temperature sensors, then the name for the temperature sensor closest to the engine in the aftertreatment system would be Aftertreatment 1 Exhaust Temperature 1. The next one would be Aftertreatment 1 Exhaust Temperature 2. The temperature sensor farthest away from the engine in the exhaust stream would be Aftertreatment 1 Exhaust Temperature *n*, where *n* is the number of exhaust temperature sensors in the aftertreatment system.



If a unique name is used to name multiple devices in the same system on a vehicle configuration, then those devices will be called by the intake of the component. When two sensors are located between devices, the sensor upstream in the exhaust stream would be named by the outlet of the device it follows. The next sensor downstream would be named by the intake of the device following it in the exhaust stream. The last sensor in the exhaust stream will be named by the outlet of the last device in the system. For example, if the aftertreatment system in exhaust bank 1 contains a Diesel Oxidation Catalyst, Diesel Particulate Filter, and SCR Catalyst in series. The temperature sensor entering the Diesel Oxidation Catalyst would be called Aftertreatment 1 Diesel Oxidation Catalyst Intake Temperature. If only one temperature sensor is located between the Diesel Oxidation Catalyst and the Diesel Particulate Filter, it would be named Aftertreatment 1 Diesel Particulate Filter Intake Temperature. If two sensors exist between the Diesel Particulate Filter and the SCR Catalyst, the sensor at the outlet of the Diesel Particulate filter would be named Aftertreatment 1 Diesel Particulate Filter Outlet Temperature and the sensor before the SCR Catalyst would be named Aftertreatment 1 SCR Catalyst Intake Temperature. The sensor at the outlet of the SCR Catalyst would be named Aftertreatment 1 SCR Catalyst Outlet Temperature since it is the last sensor in the exhaust stream. See the figures in Section 11.

For engine components, such as cylinders or exhaust ports, the point of reference is the left front of the engine and the numerical identifiers increase moving toward the right rear of the engine, i.e., the numerical identifiers on engines increase moving front to back and left to right. The rear/back of the engine is the end containing the flywheel housing and the left bank of the engine is the left hand side of the engine when facing the engine from the flywheel housing.

This document does not include names that include numerical identifiers as described above. The exception to this is if the numerical identifier denotes a term that serves a different purpose.

## 6. CROSS REFERENCE AND LOOK UP

See Table 1. This table is sorted alphabetically by the previously used term, with the current acceptable usage also listed for each term. See Table 2 for a list of terms sorted by the recommended usage. The left column lists previously used terms, acronyms, and abbreviations. The center column provides the corresponding acceptable usage constructed of recommended terms combined with other modifiers and/or base words. The recommended terms are shown in capitalized letters for highlighting purposes only. It is not intended to require the use of capitalized letters in when using recommended terms. The acceptable acronym usage is shown in the right column.

For information about using acronyms and abbreviations, see 4.3.1 (Acronyms) and 4.3.2 (Abbreviations). For additional information about Recommended Terms, see Table 1, Table 2, and Table 3.

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
A/T (Automatic Transaxle)	AUTOMATIC TRANSAXLE	A/T
A/T (Automatic Transmission)	AUTOMATIC TRANSMISSION	A/T
Accelerator	ACCELERATOR	Accel
Accelerator Interlock Switch	ACCELERATOR Interlock Switch	Accel Interlock Sw
Accelerator Pedal	ACCELERATOR PEDAL	AP
Accelerator Pedal Channel	ACCELERATOR PEDAL Channel	AP Channel
Accelerator Pedal Kickdown Switch	ACCELERATOR PEDAL KICKDOWN SWITCH	APK SWITCH
Accelerator Pedal Low Idle Switch	ACCELERATOR PEDAL Low Idle Switch	AP Low Idle Sw
Accelerator Pedal Position	ACCELERATOR PEDAL POSITION	APP
Accelerator Pedal Position Output	ACCELERATOR PEDAL Position Output	AP Position Output
Accelerator Pedal Sensor	ACCELERATOR PEDAL Sensor	AP Sensor
ACH (Air Cleaner Housing)	AIR CLEANER Housing	ACL Housing
ACL (Air Cleaner)	AIR CLEANER	ACL
ACL (Air Cleaner) Element	AIR CLEANER Element	ACL Element
ACL (Air Cleaner) Housing	AIR CLEANER Housing	ACL Housing
ACL (Air Cleaner) Housing Cover	AIR CLEANER Housing Cover	ACL Housing Cover
ACT (Air Charge Temperature)	INTAKE AIR TEMPERATURE	IAT
ACT (Air Charge Temperature)	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
Actual Engine - Percent Torque	Actual Engine - Percent TORQUE	AEPT
Actual Engine - Percent Torque High Resolution	Actual Engine - Percent TORQUE High Resolution	AEPT Hi Res
Actual Retarder - Percent Torque	Actual Retarder - Percent TORQUE	ARPT
Adaptive Fuel Strategy	FUEL TRIM	FT
AdBlue ®	AFTERTREATMENT DIESEL EXHAUST FLUID	DEF
AFC (Air Flow Control)	MASS AIR FLOW	MAF
AFC (Air Flow Control)	VOLUME AIR FLOW	VAF
AFC (Air Fuel Control)	AIR FUEL RATIO CONTROL	AFRC
AFS (Air Flow Sensor)	MASS AIR FLOW Sensor	MAF Sensor
AFS (Air Flow Sensor)	VOLUME AIR FLOW Sensor	VAF Sensor
Aftercooler	ENGINE CHARGE AIR COOLER	CAC
Aftercooler Coolant Thermostat Mode	AFTERCOOLER COOLANT Thermostat Mode	Aftercooler Coolant Thermostat Mode
Aftertreatment	AFTERTREATMENT	AFT
Aftertreatment Air Enable Actuator	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Enable Actuator	DPF Air En Actuator
Aftertreatment Air Pressure Actuator Position	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Pressure Actuator Position	DPF Air Press Actuator Pos
Aftertreatment Air Pressure Control	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Pressure Control	DPF Air Press Ctrl
Aftertreatment Air Pressure Control Actuator	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Pressure Control Actuator	DPF Air Press Ctrl Actuator

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Air System Relay	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR System Relay	DPF Air Sys Rly
Aftertreatment Atomization Air Actuator	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Atomization Actuator	DPF Atomized Air Actuator
Aftertreatment Average Time Between Active Regenerations	AFTERTREATMENT Average Time Between Active Regenerations	Avg Time Between Active Regens
Aftertreatment Burner Unit Combustion Chamber Temperature	AFTERTREATMENT Burner Unit Combustion Chamber Temperature	AFT Burner Unit Combustion Chamber Temp
Aftertreatment Control Module	AFTERTREATMENT CONTROL MODULE	AFTCM
Aftertreatment Diesel Exhaust Fluid Consumption Malfunction	AFTERTREATMENT DIESEL EXHAUST FLUID Consumption Malfunction	DEF Consumption Malfunction
Aftertreatment Diesel Exhaust Fluid Controller	AFTERTREATMENT DIESEL EXHAUST FLUID Controller	DEF Controller
Aftertreatment Diesel Exhaust Fluid Controller Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID Controller Temperature	DEF Controller Temp
Aftertreatment Diesel Exhaust Fluid Dosing Absolute Pressure	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Absolute Pressure	DEF Dosing Abs Press
Aftertreatment Diesel Exhaust Fluid Dosing Malfunction	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Malfunction	DEF Dosing Malfunction
Aftertreatment Diesel Exhaust Fluid Dosing Requested Quantity	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Requested Quantity	DEF Dosing Requested Quantity
Aftertreatment Diesel Exhaust Fluid Dosing Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Temperature	DEF Dosing Temp
Aftertreatment Diesel Exhaust Fluid Dosing Unit Loss of Prime	AFTERTREATMENT DIESEL EXHAUST FLUID DOSING UNIT Loss of Prime	DEF Dosing Unit Loss of Prime
Aftertreatment Diesel Exhaust Fluid Dosing Valve	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Valve	DEF Dosing Valve
Aftertreatment Diesel Exhaust Fluid Lamp	AFTERTREATMENT DIESEL EXHAUST FLUID Lamp	DEF Lamp
Aftertreatment Diesel Exhaust Fluid Line Heater	AFTERTREATMENT DIESEL EXHAUST FLUID LINE HEATER	DEF Line Htr
Aftertreatment Diesel Exhaust Fluid Line Heater Relay	AFTERTREATMENT DIESEL EXHAUST FLUID LINE HEATER Relay	DEF Line Htr Rly
Aftertreatment Diesel Exhaust Fluid Line Heater State	AFTERTREATMENT DIESEL EXHAUST FLUID LINE HEATER State	DEF Line Htr St
Aftertreatment Diesel Exhaust Fluid Pump Command	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Command	DEF Pump Cmd
Aftertreatment Diesel Exhaust Fluid Pump Drive Percentage	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Drive Percentage	DEF Pump Drv %
Aftertreatment Diesel Exhaust Fluid Pump Heater	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Heater	DEF Pump Htr
Aftertreatment Diesel Exhaust Fluid Pump Heater Command	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Heater Command	DEF Pump Htr Cmd
Aftertreatment Diesel Exhaust Fluid Pump Motor Speed	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Motor Speed	DEF Pump Mtr Spd
Aftertreatment Diesel Exhaust Fluid Pump Orifice Flow	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Orifice Flow	DEF Pump Orifice Flow

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Diesel Exhaust Fluid Quality Malfunction	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Quality Malfunction	
Aftertreatment Diesel Exhaust Fluid Requested Quantity for Integrator	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Req Fluid Qty for Integrator Requested Fluid Quantity for Integrator	
Aftertreatment Diesel Exhaust Fluid Return Valve	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Return Vlv Return Valve	
Aftertreatment Diesel Exhaust Fluid Tank 2 Heater	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank 2 Htr TANK 2 Heater	
Aftertreatment Diesel Exhaust Fluid Tank 2 Level	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank 2 Lvl TANK 2 Level	
Aftertreatment Diesel Exhaust Fluid Tank 2 Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank 2 Temp TANK 2 Temperature	
Aftertreatment Diesel Exhaust Fluid Tank Controller	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Ctrllr TANK Controller	
Aftertreatment Diesel Exhaust Fluid Tank Heater	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Htr TANK Heater	
Aftertreatment Diesel Exhaust Fluid Tank Heater Valve	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Htr Vlv TANK Heater Valve	
Aftertreatment Diesel Exhaust Fluid Tank Level	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Lvl TANK Level	
Aftertreatment Diesel Exhaust Fluid Tank Low Level Indicator	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Operator Inducement Active	SCR Op Indcmnt Active
Aftertreatment Diesel Exhaust Fluid Tank Low Level Indicator Traveled Distance	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Operator Inducement Active Traveled Distance	SCR Op Indcmnt Active Traveled Dist
Aftertreatment Diesel Exhaust Fluid Tank Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Temp TANK Temperature	
Aftertreatment Diesel Exhaust Fluid Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Temp Temperature	
Aftertreatment Diesel Exhaust Fluid Type	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Property Property	
Aftertreatment Diesel Oxidation Catalyst	AFTERTREATMENT DIESEL OXIDATION CATALYST System	DOC Sys
Aftertreatment Diesel Oxidation Catalyst Conversion Efficiency	AFTERTREATMENT DIESEL OXIDATION CATALYST Conversion Efficiency	DOC Conv Effic
Aftertreatment Diesel Oxidation Catalyst Differential Pressure	AFTERTREATMENT DIESEL OXIDATION CATALYST Differential Pressure	DOC Differential Press
Aftertreatment Diesel Oxidation Catalyst Inlet Pressure	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Pressure	DOC In Press
Aftertreatment Diesel Oxidation Catalyst Inlet Pressure Sensor	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Pressure Sensor	DOC In Press Sensor
Aftertreatment Diesel Oxidation Catalyst Inlet Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Gas Temperature	DOC In Temp
Aftertreatment Diesel Oxidation Catalyst Inlet Temperature Sensor	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Gas Temperature Sensor	DOC In Temp Sensor
Aftertreatment Diesel Oxidation Catalyst Insufficient NO2 Conversion	AFTERTREATMENT DIESEL OXIDATION CATALYST Insufficient NO2 Conversion	DOC Insufficient NO2 Conv

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Diesel Oxidation Catalyst Intake Gas Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Gas Temperature	DOC In Temp
Aftertreatment Diesel Oxidation Catalyst Missing	AFTERTREATMENT DIESEL OXIDATION CATALYST Missing	DOC Missing
Aftertreatment Diesel Oxidation Catalyst Outlet Gas Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Gas Temperature	DOC Out Temp
Aftertreatment Diesel Oxidation Catalyst Outlet Pressure	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Pressure	DOC Outlet Press
Aftertreatment Diesel Oxidation Catalyst Outlet Pressure Sensor	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Pressure Sensor	DOC Outlet Press Sensor
Aftertreatment Diesel Oxidation Catalyst Outlet Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Gas Temperature	DOC Outlet Temp
Aftertreatment Diesel Oxidation Catalyst Outlet Temperature Sensor	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Gas Temperature Sensor	DOC Outlet Temp Sensor
Aftertreatment Diesel Oxidation Catalyst Reagent	AFTERTREATMENT DIESEL EXHAUST FLUID DEF	
Aftertreatment Diesel Oxidation Catalyst System	AFTERTREATMENT DIESEL OXIDATION CATALYST System	DOC Sys
Aftertreatment Diesel Particulate Filter	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
Aftertreatment Diesel Particulate Filter Air Shutoff Valve	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Shutoff Valve	DPF Air Shutoff Vlv
Aftertreatment Diesel Particulate Filter Ash Fill Percentage	AFTERTREATMENT DIESEL PARTICULATE FILTER Ash Fill Percentage	DPF Ash Fill %
Aftertreatment Diesel Particulate Filter Atomization Air Pressure Sensor	AFTERTREATMENT DIESEL PARTICULATE FILTER Atomization Air Pressure Sensor	DPF Atomization Air Press Sensor
Aftertreatment Diesel Particulate Filter Atomization Air Valve	AFTERTREATMENT DIESEL PARTICULATE FILTER Atomization Air Valve	DPF Atomization Air Valve
Aftertreatment Diesel Particulate Filter Atomization Fuel Solenoid Valve	AFTERTREATMENT DIESEL PARTICULATE FILTER Atomization Fuel Solenoid Valve	DPF Atomization Fuel Solenoid Valve
Aftertreatment Diesel Particulate Filter Atomization Module	AFTERTREATMENT DIESEL PARTICULATE FILTER Atomization Module	DPF Atomization Module
Aftertreatment Diesel Particulate Filter Combustion Air Valve	AFTERTREATMENT DIESEL PARTICULATE FILTER Combustion Air Valve	DPF Combustion Air Vlv
Aftertreatment Diesel Particulate Filter Differential Pressure	AFTERTREATMENT DIESEL PARTICULATE FILTER DIFFERENTIAL PRESSURE	DPF Diff Press
Aftertreatment Diesel Particulate Filter Fuel Control Valve	AFTERTREATMENT DIESEL PARTICULATE FILTER FUEL CONTROL VALVE	DPF Fuel Ctrl Vlv
Aftertreatment Diesel Particulate Filter Fuel System	AFTERTREATMENT DIESEL PARTICULATE FILTER FUEL SYSTEM	DPF Fuel Sys
Aftertreatment Diesel Particulate Filter Ignition Coil	AFTERTREATMENT DIESEL PARTICULATE FILTER IGNITION Coil	DPF Ign Coil
Aftertreatment Diesel Particulate Filter Ignition Electrode	AFTERTREATMENT DIESEL PARTICULATE FILTER IGNITION Electrode	DPF Ign Electrode
Aftertreatment Diesel Particulate Filter Incomplete Regeneration	AFTERTREATMENT DIESEL PARTICULATE FILTER Incomplete Regeneration	DPF Incomplete Regen
Aftertreatment Diesel Particulate Filter Inlet Pressure	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Pressure	DPF In Press

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Diesel Particulate Filter Inlet Pressure Sensor	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Pressure Sensor	DPF In Press Sensor
Aftertreatment Diesel Particulate Filter Inlet Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Temperature	DPF In Temp
Aftertreatment Diesel Particulate Filter Inlet Temperature Sensor	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Temperature Sensor	DPF In Temp Sensor
Aftertreatment Diesel Particulate Filter Intake Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Temperature	DPF In Temp
Aftertreatment Diesel Particulate Filter Intermediate Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Intermediate Gas Temperature	DPF Intmd Temp
Aftertreatment Diesel Particulate Filter Missing	AFTERTREATMENT DIESEL PARTICULATE FILTER Missing	DPF Missing
Aftertreatment Diesel Particulate Filter NMHC Conversion Efficiency	AFTERTREATMENT DIESEL PARTICULATE FILTER NMHC Conversion Efficiency	DPF NMHC Conv Effic
Aftertreatment Diesel Particulate Filter Outlet Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Gas Temperature	DPF Out Temp
Aftertreatment Diesel Particulate Filter Outlet Pressure	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Gas Pressure	DPF Out Press
Aftertreatment Diesel Particulate Filter Outlet Pressure Sensor	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Gas Pressure Sensor	DPF Out Press Sensor
Aftertreatment Diesel Particulate Filter Outlet Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Exhaust Gas Temperature	DPF Out Temp
Aftertreatment Diesel Particulate Filter Outlet Temperature Sensor	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Gas Temperature Sensor	DPF Out Temp Sensor
Aftertreatment Diesel Particulate Filter Regeneration	AFTERTREATMENT DIESEL PARTICULATE FILTER REGENERATION	DPF Regen
Aftertreatment Diesel Particulate Filter Regeneration too Frequent	AFTERTREATMENT DIESEL PARTICULATE FILTER Regeneration Too Frequent	DPF Regen too Frequent
Aftertreatment Diesel Particulate Filter Soot Load	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Load	DPF Soot Ld
Aftertreatment Diesel Particulate Filter Soot Load Regeneration Threshold	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Load Regeneration Threshold	DPF Soot Ld Regen Threshold
Aftertreatment Diesel Particulate Filter Soot Mean Calibration Offset	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Mean Calibration Offset	DPF Soot Mean Cal Offset
Aftertreatment Diesel Particulate Filter Soot Sensor Analysis Frequency	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Sensor Analysis Frequency	DPF Soot Sensor Analysis Freq
Aftertreatment Diesel Particulate Filter Soot Sensor Analysis Request Frequency	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Sensor Analysis Request Frequency	DPF Soot Sensor Analysis Req Freq
Aftertreatment Diesel Particulate Filter Soot Sensor Frequency Soot Signal	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Sensor Frequency Soot Signal	DPF Soot Sensor Freq Soot Signal
Aftertreatment Diesel Particulate Filter Soot Standard Deviation Calibration Offset	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Standard Deviation Calibration Offset	DPF Soot Std Deviation Cal Offset
Aftertreatment Diesel Particulate Filter Spark Assisted System	AFTERTREATMENT DIESEL PARTICULATE FILTER SPARK ASSISTED SYSTEM	DPF Spark Assist Sys
Aftertreatment Diesel Particulate Filter System	AFTERTREATMENT DIESEL PARTICULATE FILTER System	DPF Sys

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Diesel Particulate Filter System Monitor	AFTERTREATMENT DIESEL PARTICULATE FILTER System Monitor	DPF Sys Mon
Aftertreatment Diesel Particulate Filter Temperature Sensor Module	AFTERTREATMENT DIESEL PARTICULATE FILTER TEMPERATURE SENSOR MODULE	DPF Temp Snsr Module
Aftertreatment Diesel Particulate Trap	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
Aftertreatment Doser	AFTERTREATMENT DIESEL EXHAUST FLUID DEF DOSER	DEF Doser
Aftertreatment Doser	AFTERTREATMENT HYDROCARBON DOSER	HC Doser
Aftertreatment Doser Heater Control	AFTERTREATMENT DIESEL EXHAUST FLUID DEF DOSER Heater Control	DEF Doser Htr Ctrl
Aftertreatment Doser Heater Control	AFTERTREATMENT HYDROCARBON DOSER Heater Control	HC Doser Htr Ctrl
Aftertreatment Doser Purging Needed	AFTERTREATMENT HYDROCARBON DOSER Purging Required	HC Doser Purging Needed
Aftertreatment Exhaust Gas Dew Point	AFTERTREATMENT EXHAUST GAS Dew Point	Exh Gas Dew Point
Aftertreatment Exhaust Gas Mass Flow	AFTERTREATMENT EXHAUST GAS Mass Flow Rate	Exh Gas Mass Flow Rate
Aftertreatment Exhaust Gas Sensor System Monitor	AFTERTREATMENT EXHAUST GAS Sensor System Monitor	Exh Gas Sensor Sys Mon
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Gas Temperature	DOC In Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Gas Temperature	DOC Outlet Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Temperature	DPF In Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Intermediate Gas Temperature	DPF Intmd Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Gas Temperature	DPF Out Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Intake Gas Temperature	GOC In Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Gas Temperature	GOC Out Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT NOX ADSORBER CATALYST Intake Gas Temperature	NAC In Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT NOX ADSORBER CATALYST Outlet Gas Temperature	NAC Out Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake Gas Temperature	SCR In Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet Gas Temperature	SCR Out Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT THREE WAY CATALYST Intake Gas Temperature	TWC In Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT THREE WAY CATALYST Outlet Gas Temperature	TWC Out Temp



TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Gas Temperature	WU DOC In Temp
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Gas Temperature Sensor	WU DOC In Temp Sensor
Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Temperature	WU DOC Out Temp
Aftertreatment Failed to Ignite	AFTERTREATMENT Failed to Ignite	AFT Failed to Ignite
Aftertreatment Fuel Drain Actuator	AFTERTREATMENT Fuel Drain Actuator	AFT Fuel Drain Actuator
Aftertreatment Fuel Enable Actuator	AFTERTREATMENT FUEL Enable Actuator	AFT Fuel Enable Actuator
Aftertreatment Fuel Flow Diverter Valve Control	AFTERTREATMENT FUEL Flow Diverter Valve Control	AFT Fuel Flow Diverter Valve Ctrl
Aftertreatment Fuel Mass Rate	AFTERTREATMENT FUEL Mass Rate	AFT Fuel Mass Rate
Aftertreatment Fuel Pressure	AFTERTREATMENT FUEL PRESSURE	AFT Fuel Press
Aftertreatment Fuel Pressure Actuator Control	AFTERTREATMENT FUEL PRESSURE Actuator Control	AFT Fuel Press Actuator Ctrl
Aftertreatment Fuel Pressure Control	AFTERTREATMENT FUEL PRESSURE Control	AFT Fuel Press Ctrl
Aftertreatment Fuel Pressure Control Actuator	AFTERTREATMENT FUEL PRESSURE Control Actuator	AFT Fuel Press Ctrl Actuator
Aftertreatment Fuel Pump Relay Control	AFTERTREATMENT FUEL PUMP Relay Control	AFT Fuel Pump Rly Ctrl
Aftertreatment Fuel Rate	AFTERTREATMENT FUEL Rate	AFT Fuel Rate
Aftertreatment Fuel Shutoff Valve	AFTERTREATMENT FUEL SHUTOFF Valve	AFT Fuel Shutoff Vlv
Aftertreatment Gas Oxidation Catalyst	AFTERTREATMENT GAS OXIDATION CATALYST	GOC
Aftertreatment Gas Oxidation Catalyst Differential Gas Pressure	AFTERTREATMENT GAS OXIDATION CATALYST Differential Gas Pressure	GOC Diff Press
Aftertreatment Gas Oxidation Catalyst Differential Gas Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Differential Gas Temperature	GOC Diff Temp
Aftertreatment Gas Oxidation Catalyst Inlet Pressure	AFTERTREATMENT GAS OXIDATION CATALYST Intake Pressure	GOC In Press
Aftertreatment Gas Oxidation Catalyst Inlet Pressure Sensor	AFTERTREATMENT GAS OXIDATION CATALYST Intake Pressure Sensor	GOC In Press Sensor
Aftertreatment Gas Oxidation Catalyst Inlet Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Intake Gas Temperature	GOC In Temp
Aftertreatment Gas Oxidation Catalyst Inlet Temperature Sensor	AFTERTREATMENT GAS OXIDATION CATALYST Intake Gas Temperature Sensor	GOC In Temp Sensor
Aftertreatment Gas Oxidation Catalyst Intake Gas Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Intake Gas Temperature	GOC In Temp
Aftertreatment Gas Oxidation Catalyst Outlet Gas Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Gas Temperature	GOC Out Temp
Aftertreatment Gas Oxidation Catalyst Outlet Pressure	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Pressure	GOC Out Press
Aftertreatment Gas Oxidation Catalyst Outlet Pressure Sensor	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Pressure Sensor	GOC Out Press Sensor

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Gas Oxidation Catalyst Outlet Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Gas Temperature	GOC Out Temp
Aftertreatment Gas Oxidation Catalyst Outlet Temperature Sensor	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Gas Temperature Sensor	GOC Out Temp Sensor
Aftertreatment Hydrocarbon Doser	AFTERTREATMENT HYDROCARBON DOSER	HC Doser
Aftertreatment Hydrocarbon Doser Intake Fuel Temperature	AFTERTREATMENT HYDROCARBON DOSER Intake Fuel Temperature	HC Doser In Fuel Temp
Aftertreatment Hydrocarbon Doser Purging Needed	AFTERTREATMENT HYDROCARBON DOSER Purging Required	HC Doser Purging Needed
Aftertreatment Hydrocarbon Dosing System	AFTERTREATMENT HYDROCARBON DOSING SYSTEM	HC Dosing Sys
Aftertreatment Ignition	AFTERTREATMENT IGNITION	AFT IGN
Aftertreatment Ignition Coil Secondary Output	AFTERTREATMENT IGNITION Coil Secondary Output	AFT IGN Coil Secondary Output
Aftertreatment Ignition Transformer Secondary Output	AFTERTREATMENT IGNITION Transformer Secondary Output	AFT IGN Transformer Secondary Output
Aftertreatment Injector	AFTERTREATMENT DIESEL EXHAUST FLUID DOSER	DEF Doser
Aftertreatment Injector	AFTERTREATMENT HYDROCARBON DOSER	HC Doser
Aftertreatment Inlet Gas NOx Sensor Heater Ratio	AFTERTREATMENT INTAKE NOX SENSOR Heater Ratio	AFT In NOx Sensor Htr Ratio
Aftertreatment Inlet Gas NOx Sensor New part deviation NOx Gain	AFTERTREATMENT INTAKE NOX SENSOR New Part Deviation NOX Gain	AFT In NOx Sensor New Part Deviation NOx Gain
Aftertreatment Inlet Gas NOx Sensor New part deviation NOx Offset	AFTERTREATMENT INTAKE NOX SENSOR New Part Deviation NOX Offset	AFT In NOx Sensor New Part Deviation NOx Offset
Aftertreatment Inlet Gas NOx Sensor NH3 Correction	AFTERTREATMENT INTAKE NOX SENSOR NH3 Correction	AFT In NOx Sensor NH3 Correction
Aftertreatment Inlet Gas NOx Sensor NO2 Correction	AFTERTREATMENT INTAKE NOX SENSOR NO2 Correction	AFT In NOx Sensor NO2 Correction
Aftertreatment Intake %O2	AFTERTREATMENT INTAKE Percent O2	AFT In %O2
Aftertreatment Intake Dew Point	AFTERTREATMENT INTAKE NOX SENSOR Dew Point	AFT In NOx Sensor Dew Point
Aftertreatment Intake Gas NOx Sensor Correction of pressure Lambda	AFTERTREATMENT INTAKE NOX SENSOR O2 Pressure Correction	AFT In NOx Sensor O2 Press Correction
Aftertreatment Intake Gas NOx Sensor Correction of pressure NOx	AFTERTREATMENT INTAKE NOX SENSOR NOX Pressure Correction	AFT In NOx Sensor NOx Press Correction
Aftertreatment Intake Gas Sensor at Temperature	AFTERTREATMENT INTAKE GAS SENSOR At Temperature	AFT In Gas Sensor at Temp
Aftertreatment Intake Gas Sensor Heater Control	AFTERTREATMENT INTAKE GAS SENSOR Heater Control	AFT In Gas Sensor Htr Ctrl
Aftertreatment Intake Gas Sensor Power Status	AFTERTREATMENT INTAKE GAS SENSOR Power In Range	AFT In Gas Sensor Pwr In Range
Aftertreatment Intake Gas Sensor Power Supply	AFTERTREATMENT INTAKE GAS SENSOR Power Supply	AFT In Gas Sensor Pwr Supply
Aftertreatment Intake NOx	AFTERTREATMENT INTAKE NOX	AFT In NOx
Aftertreatment Intake NOx Reading Stable	AFTERTREATMENT INTAKE NOX Reading Stable	AFT In NOx Reading Stable

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Intake Wide-Range Percent O2 Reading Stable	AFTERTREATMENT INTAKE Wide-range Percent O2 Reading Stable	AFT In Wide-range %O2 Reading Stable
Aftertreatment Loss of Combustion	AFTERTREATMENT DIESEL PARTICULATE FILTER Loss of Combustion	DPF Loss of Combustion
Aftertreatment Maximum Speed High Exhaust System Temperature Lamp	HIGH EXHAUST SYSTEM TEMPERATURE LAMP Maximum Vehicle Speed	HEST Lamp Max Veh Spd
Aftertreatment NMHC Converting Catalyst Monitor	AFTERTREATMENT NMHC CONVERTING CATALYST Monitor	NHMC Converting Cat Mon
Aftertreatment NMHC Converting Catalyst System Monitor	AFTERTREATMENT NMHC CONVERTING CATALYST System Monitor	NHMC Converting Cat Sys Mon
Aftertreatment NOx Adsorber Catalyst	AFTERTREATMENT NOX ADSORBER CATALYST	NAC
Aftertreatment NOx Adsorber Catalyst Differential Pressure	AFTERTREATMENT NOX ADSORBER CATALYST Differential Pressure	NCA Diff Press
Aftertreatment NOx Adsorber Catalyst Inlet Pressure	AFTERTREATMENT NOX ADSORBER CATALYST Intake Pressure	NAC In Press
Aftertreatment NOx Adsorber Catalyst Inlet Pressure Sensor	AFTERTREATMENT NOX ADSORBER CATALYST Intake Pressure Sensor	NAC In Press Sensor
Aftertreatment NOx Adsorber Catalyst Inlet Temperature	AFTERTREATMENT NOX ADSORBER CATALYST Intake Gas Temperature	NAC In Temp
Aftertreatment NOx Adsorber Catalyst Inlet Temperature Sensor	AFTERTREATMENT NOX ADSORBER CATALYST Intake Gas Temperature Sensor	NAC In Temp Sensor
Aftertreatment NOx Adsorber Catalyst Outlet Pressure	AFTERTREATMENT NOX ADSORBER CATALYST Outlet Pressure	NAC Out Press
Aftertreatment NOx Adsorber Catalyst Outlet Pressure Sensor	AFTERTREATMENT NOX ADSORBER CATALYST Outlet Pressure Sensor	NAC Out Press Sensor
Aftertreatment NOx Adsorber Catalyst Outlet Temperature	AFTERTREATMENT NOX ADSORBER CATALYST Outlet Gas Temperature	NAC Out Temp
Aftertreatment NOx Adsorber Catalyst Outlet Temperature Sensor	AFTERTREATMENT NOX ADSORBER CATALYST Outlet Gas Temperature Sensor	NAC Out Temp Sensor
Aftertreatment NOx Adsorber deNOx Regeneration Status	AFTERTREATMENT NOX ADSORBER deNOx Regeneration Status	NOx Adsorber deNOx Regen Status
Aftertreatment NOx Adsorber deSOx Regeneration Status	AFTERTREATMENT NOX ADSORBER deSOx Regeneration Status	NOx Adsorber deSOx Regen Status
Aftertreatment NOx Adsorbing Catalyst Conversion Efficiency	AFTERTREATMENT NOX ADSORBING CATALYST Conversion Efficiency	NAC Conv Effic
Aftertreatment NOx Adsorbing Catalyst Dosing System	AFTERTREATMENT NOX ADSORBING CATALYST Dosing System	NAC Dosing Sys
Aftertreatment NOx Adsorbing Catalyst Missing	AFTERTREATMENT NOX ADSORBING CATALYST Missing	NAC Missing
Aftertreatment NOx Adsorbing Catalyst System	AFTERTREATMENT NOX ADSORBING CATALYST System	NAC Sys
Aftertreatment NOx Adsorbing Catalyst System Monitor	AFTERTREATMENT NOX ADSORBING CATALYST System Monitor	NAC Sys Mon
Aftertreatment Outlet %O2	AFTERTREATMENT OUTLET PERCENT O2	AFT Out %O2
Aftertreatment Outlet Gas Sensor at Temperature	AFTERTREATMENT OUTLET GAS SENSOR At Temperature	AFT Out Gas Sensor At Temp

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Outlet Gas Sensor Heater Control	AFTERTREATMENT OUTLET GAS SENSOR Heater Control	AFT Out Gas Sensor Htr Ctrl
Aftertreatment Outlet Gas Sensor Power Status	AFTERTREATMENT OUTLET GAS SENSOR Power In Range	AFT Out Gas Sensor Pwr In Range
Aftertreatment Outlet Gas Sensor Power Supply	AFTERTREATMENT OUTLET GAS SENSOR Power Supply	AFT Out Gas Sensor Pwr Supply
Aftertreatment Outlet NH3	AFTERTREATMENT OUTLET NH3	AFT Out NH3
Aftertreatment Outlet NH3 Gas Sensor at Temperature	AFTERTREATMENT OUTLET NH3 GAS SENSOR At Temperature	AFT Out NH3 Sensor At Temp
Aftertreatment Outlet NH3 Gas Sensor Heater Control	AFTERTREATMENT OUTLET NH3 GAS SENSOR Heater Control	AFT Out NH3 Sensor Htr Ctrl
Aftertreatment Outlet NH3 Gas Sensor Power In Range	AFTERTREATMENT OUTLET NH3 GAS SENSOR Power In Range	AFT Out NH3 Sensor Pwr In Range
Aftertreatment Outlet NH3 Reading Stable	AFTERTREATMENT OUTLET NH3 Reading Stable	AFT Out NH3 Reading Stable
Aftertreatment Outlet NOx	AFTERTREATMENT OUTLET NOX	AFTONOX
Aftertreatment Outlet NOx Reading Stable	AFTERTREATMENT OUTLET NOX Reading Stable	AFT Out NOx Reading Stable
Aftertreatment Outlet NOx Sensor Correction of pressure Lambda	AFTERTREATMENT OUTLET NOX SENSOR O2 Pressure Correction	AFT Out NOx Sensor O2 Press Correction
Aftertreatment Outlet NOx Sensor Correction of pressure NOx	AFTERTREATMENT OUTLET NOX SENSOR NOX Pressure Correction	AFT Out NOx Sensor NOx Press Correction
Aftertreatment Outlet NOx Sensor Heater Ratio	AFTERTREATMENT OUTLET NOX SENSOR Heater Ratio	AFT Out NOx Sensor Htr Ratio
Aftertreatment Outlet NOx Sensor New part deviation NOx Gain	AFTERTREATMENT OUTLET NOX SENSOR New Part Deviation NOX Gain	AFT Out NOx Sensor New Part Deviation NOx Gain
Aftertreatment Outlet NOx Sensor New part deviation NOx Offset	AFTERTREATMENT OUTLET NOX SENSOR New Part Deviation NOX Offset	AFT Out NOx Sensor New Part Deviation NOx Offset
Aftertreatment Outlet NOx Sensor NH3 Correction	AFTERTREATMENT OUTLET NOX SENSOR NH3 Correction	AFT Out NOx Sensor NH3 Correction
Aftertreatment Outlet NOx Sensor NO2 Correction	AFTERTREATMENT OUTLET NOX SENSOR NO2 Correction	AFT Out NOx Sensor NO2 Correction
Aftertreatment Outlet Soot	AFTERTREATMENT OUTLET Soot	AFT Out Soot
Aftertreatment Outlet Soot Sensor Heater	AFTERTREATMENT OUTLET Soot Sensor Heater	AFT Out Soot Snsr Htr
Aftertreatment Outlet Wide-Range %O2 Reading Stable	AFTERTREATMENT OUTLET Wide-range Percent O2 Reading Stable	AFT Out Wide-range %O2 Reading Stable
Aftertreatment Particulate Sensor	AFTERTREATMENT Particulate Sensor	AFT Particulate Snsr
Aftertreatment Post SCR Catalyst NH3 Conversion Efficiency	AFTERTREATMENT POST SCR NH3 Conversion Efficiency	Post SCR NH3 Conv Effic
Aftertreatment Purge Air Actuator	AFTERTREATMENT PURGE AIR Actuator	AFT Purge Air Actuator
Aftertreatment Purge Air Pressure	AFTERTREATMENT PURGE AIR Pressure	AFT Purge Air Press
Aftertreatment Regeneration High Exhaust System Temperature Lamp	HIGH EXHAUST SYSTEM TEMPERATURE LAMP	HEST Lamp
Aftertreatment Regeneration Manually Disabled	AFTERTREATMENT REGENERATION Manually Disabled	Regen Manually Disabled
Aftertreatment Regeneration Status	AFTERTREATMENT REGENERATION Status	Regen Status

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment SCR Actual Dosing Reagent Quantity	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Act Dosing Qty Actual Dosing Quantity	
Aftertreatment SCR Actual Reagent Quantity of Integrator	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Act Qty of Integrator Actual Quantity of Integrator	
Aftertreatment SCR Average Catalyst Reagent Consumption	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Avg Consumption Average Consumption	
Aftertreatment SCR Catalyst Conversion Efficiency	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Conversion Efficiency	SCR Conv Effic
Aftertreatment SCR Catalyst Dosing Unit	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Dosing Unit DOSING UNIT	
Aftertreatment SCR Catalyst Dosing Unit Heater	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Dosing Unit Htr DOSING UNIT Heater	
Aftertreatment SCR Catalyst Dosing Unit Heater Relay	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Dosing Unit Htr Rly DOSING UNIT Heater Relay	
Aftertreatment SCR Catalyst Dosing Unit Heater Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Dosing Unit Htr Temp DOSING UNIT Heater Temperature	
Aftertreatment SCR Catalyst Dosing Unit Input Lines	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Dosing Unit Input Lines DOSING UNIT Input Lines	
Aftertreatment SCR Catalyst Reagent Conductivity	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Conductivity Conductivity	
Aftertreatment SCR Catalyst Reagent Line Heater	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Line Htr LINE HEATER	
Aftertreatment SCR Catalyst Reagent Line Heater State	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Line Htr State LINE HEATER State	
Aftertreatment SCR Catalyst Reagent Pump State	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Pump State PUMP State	
Aftertreatment SCR Catalyst Reagent Tank Drain Valve Command	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Drain Vlv Cmd TANK Drain Valve Command	
Aftertreatment SCR Catalyst Reagent Tank Fill Valve Command	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Fill Vlv Cmd TANK Fill Valve Command	
Aftertreatment SCR Catalyst Reagent Type	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Property Property	
Aftertreatment SCR Catalyst System	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION System	SCR Sys
Aftertreatment SCR Catalyst System Missing	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION System Missing	SCR Sys Missing
Aftertreatment SCR Catalyst Tank 2 Heater Command	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank 2 Htr Cmd TANK 2 Heater Command	
Aftertreatment SCR Catalyst Tank Heater	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Htr TANK Heater	
Aftertreatment SCR Catalyst Tank Heater Command	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Htr Cmd TANK Heater Command	
Aftertreatment SCR Catalyst Tank Level	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Lvl TANK Level	
Aftertreatment SCR Catalyst Tank Reagent Quality	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Qlty TANK Quality	
Aftertreatment SCR Catalyst Tank Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Temp TANK Temperature	

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment SCR Commanded Catalyst Reagent Consumption	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Commanded DIESEL EXHAUST FLUID Consumption	DEF Cmd Cons
Aftertreatment SCR Doser Fault Suppression Request	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION DOSER Fault Suppression Request	DEFD Fault Suppression Req
Aftertreatment SCR Doser Heating Mode Request	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION DOSER Heating Mode Request	DEFD Htg Mode Req
Aftertreatment SCR Dosing Air Assist Absolute Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Air Assist Absolute Pressure	DEF Dosing Air Assist Abs Press
Aftertreatment SCR Dosing Air Assist Pump	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Air Assist Pump	SCR Dosing Air Assist Pump
Aftertreatment SCR Dosing Air Assist Pump Relay	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Air Assist Pump Relay	SCR Dosing Air Assist Pump Rly
Aftertreatment SCR Dosing Air Assist Valve	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Air Assist Valve	SCR Dosing Air Assist Vlv
Aftertreatment SCR Dosing Reagent Absolute Pressure	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Absolute Pressure	DEF Dosing Abs Press
Aftertreatment SCR Dosing Reagent Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Temperature	DEF Dosing Temp
Aftertreatment SCR Dosing Valve Exhaust Temp. Reduction Request	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Valve Exhaust Temperature Reduction Request	SCR Dosing Vlv Exh Temp Reduction Req
Aftertreatment SCR Feedback Control Status	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Feedback Control Status	SCR Fdbk Ctrl Status
Aftertreatment SCR Intermediate Gas Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Gas Temperature	SCR Intmd Gas Temp
Aftertreatment SCR Intermediate NH3 Sensor Heater Control	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3 Sensor Heater Control	SCR Intmd NH3 Snsr Htr Ctrl
Aftertreatment SCR Monitoring System Malfunction	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Monitoring System Malfunction	SCR Monitoring Sys Malfunction
Aftertreatment SCR Operator Inducement Severity	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Operator Inducement Severity	SCR Op Indcmnt Severity
Aftertreatment SCR System Requested State	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION System Requested State	SCR Sys Req State
Aftertreatment SCR System State	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION System State	SCR Sys State
AFTERTREATMENT SECONDARY AIR Differential Pressure	AFTERTREATMENT SECONDARY AIR Differential Pressure	AFT Secondary Air Diff Press
AFTERTREATMENT SECONDARY AIR Mass Flow	AFTERTREATMENT SECONDARY AIR Mass Flow	AFT Secondary Air Mass Flow
AFTERTREATMENT SECONDARY AIR Pressure	AFTERTREATMENT SECONDARY AIR Pressure	AFT Secondary Air Press
AFTERTREATMENT SECONDARY AIR Temperature	AFTERTREATMENT SECONDARY AIR Temperature	AFT Secondary Air Temp
Aftertreatment Selective Catalytic Reduction	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION	SCR



TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Selective Catalytic Reduction Diesel Exhaust Fluid Dosing Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Temperature	DEF Dosing Temp
Aftertreatment Selective Catalytic Reduction Differential Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Differential Pressure	SCR Diff Press
Aftertreatment Selective Catalytic Reduction Doser	AFTERTREATMENT DIESEL EXHAUST FLUID DOSER	DEF Doser
Aftertreatment Selective Catalytic Reduction Dosing Air Assist Absolute Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Air Assist Absolute Pressure	SCR Dosing Air Assist Abs Press
Aftertreatment Selective Catalytic Reduction Exhaust Gas Differential Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Exhaust Gas Differential Pressure	SCR Diff Pres
Aftertreatment Selective Catalytic Reduction Inlet Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake Gas Pressure	SCR In Press
Aftertreatment Selective Catalytic Reduction Inlet Pressure Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake Gas Pressure Sensor	SCR In Press Sensor
Aftertreatment Selective Catalytic Reduction Inlet Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake Gas Temperature	SCR In Temp
Aftertreatment Selective Catalytic Reduction Inlet Temperature Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake Gas Temperature Sensor	SCR In Temp Sensor
Aftertreatment Selective Catalytic Reduction Intake NOx Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake NOx Sensor	SCR In NOx Sensor
Aftertreatment Selective Catalytic Reduction Intermediate NH3	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3	SCR Intmd NH3
Aftertreatment Selective Catalytic Reduction Intermediate NH3 Reading Stable	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3 Reading Stable	SCR Intmd NH3 Reading Stable
Aftertreatment Selective Catalytic Reduction Intermediate NH3 Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3 Sensor	SCR Intmd NH3 Snsr
Aftertreatment Selective Catalytic Reduction Intermediate NH3 Sensor at Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3 Sensor at Temperature	SCR Intmd NH3 Snsr at Temperature
Aftertreatment Selective Catalytic Reduction Intermediate NH3 Sensor Power In Range	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3 Sensor Power In Range	SCR Intmd NH3 Snsr Power In Range
Aftertreatment Selective Catalytic Reduction Outlet NOx Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet NOx Sensor	SCR Out NOx Sensor
Aftertreatment Selective Catalytic Reduction Outlet Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet Gas Pressure	SCR Out Press
Aftertreatment Selective Catalytic Reduction Outlet Pressure Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet Gas Pressure Sensor	SCR Out Press Snsr
Aftertreatment Selective Catalytic Reduction Outlet Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet Gas Temperature	SCR Out Temp
Aftertreatment Selective Catalytic Reduction Outlet Temperature Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet Gas Temperature Sensor	SCR Out Temp Snsr
Aftertreatment Selective Catalytic Reduction Reagent	AFTERTREATMENT DIESEL EXHAUST FLUID DEF	
Aftertreatment Selective Catalytic Reduction Tank Diesel Exhaust Fluid Quality	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Quality	DEF Tank Qlty



TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Selective Catalytic Reduction Temperature Sensor Module	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION TEMPERATURE SENSOR MODULE	SCR Temp Snr Module
Aftertreatment Supply Air Pressure	AFTERTREATMENT Supply Air Pressure	AFT Supply Air Press
Aftertreatment System	AFTERTREATMENT System	AFT Sys
Aftertreatment Three Way Catalyst Differential Gas Temperature	AFTERTREATMENT THREE WAY CATALYST Differential Gas Temperature	TWC Diff Temp
Aftertreatment Three Way Catalytic Converter Differential Pressure	AFTERTREATMENT THREE WAY CATALYST Differential Gas Pressure	TWC Diff Press
Aftertreatment Three Way Catalytic Converter Intake Gas Temperature	AFTERTREATMENT THREE WAY CATALYST Intake Gas Temperature	TWC In Temp
Aftertreatment Three Way Catalytic Converter Outlet Gas Temperature	AFTERTREATMENT THREE WAY CATALYST Outlet Gas Temperature	TWC Out Temp
Aftertreatment Total Disabled Time	AFTERTREATMENT Total Disabled Time	AFT Total Disabled Time
Aftertreatment Total Fuel Used	AFTERTREATMENT Total Fuel Used	AFT Total Fuel Used
Aftertreatment Total Number of Active Regeneration Inhibit Requests	AFTERTREATMENT Total Number of Active Regeneration Inhibit Requests	Total Number of Active Regen Inhibit Req
Aftertreatment Total Number of Active Regeneration Manual Requests	AFTERTREATMENT Total Number of Active Regeneration Manual Requests	Total Number of Active Regen Manual Req
Aftertreatment Total Number of Active Regenerations	AFTERTREATMENT Total Number of Active Regenerations	Total Number of Active Regens
Aftertreatment Total Number of Passive Regenerations	AFTERTREATMENT Total Number of Passive Regenerations	Total Number of Passive Regens
Aftertreatment Total Passive Regeneration Time	AFTERTREATMENT Total Passive Regeneration Time	Total Passive Regen Time
Aftertreatment Total Regeneration Time	AFTERTREATMENT Total Regeneration Time	Total Regen Time
Aftertreatment Trip Number of Active Regeneration Inhibit Requests	AFTERTREATMENT Trip Number of Active Regeneration Inhibit Requests	Trip Number of Active Regen Inhibit Req
Aftertreatment Trip Number of Active Regeneration Manual Requests	AFTERTREATMENT Trip Number of Active Regeneration Manual Requests	Trip Number of Active Regen Manual Req
Aftertreatment Trip Number of Active Regenerations	AFTERTREATMENT Trip Number of Active Regenerations	Trip Number of Active Regens
Aftertreatment Trip Number of Passive Regenerations	AFTERTREATMENT Trip Number of Passive Regenerations	Trip Number of Passive Regens
Aftertreatment Warm Up Diesel Oxidation Catalyst	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST	WU DOC
Aftertreatment Warm Up Diesel Oxidation Catalyst Conversion Efficiency	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Conversion Efficiency	WU DOC Conv Effic
Aftertreatment Warm Up Diesel Oxidation Catalyst Differential Pressure	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Differential Pressure	WU DOC Diff Press
Aftertreatment Warm Up Diesel Oxidation Catalyst Inlet Pressure	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Pressure	WU DOC In Press
Aftertreatment Warm Up Diesel Oxidation Catalyst Inlet Pressure Sensor	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Pressure Sensor	WU DOC In Press Sensor
Aftertreatment Warm Up Diesel Oxidation Catalyst Inlet Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Temperature	WU DOC In Temp

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Aftertreatment Warm Up Diesel Oxidation Catalyst Inlet Temperature Sensor	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Temperature Sensor	WU DOC In Temp Sensor
Aftertreatment Warm Up Diesel Oxidation Catalyst Intake Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Temperature	WU DOC In Temp
Aftertreatment Warm Up Diesel Oxidation Catalyst Intake Gas Temperature Sensor	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Temperature Sensor	WU DOC In Temp Sensor
Aftertreatment Warm Up Diesel Oxidation Catalyst Missing	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Missing	WU DOC Missing
Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Temperature	WU DOC Out Temp
Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Temperature	WU DOC Out Temp
Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Gas Temperature Sensor	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Temperature Sensor	WU DOC Out Temp Sensor
Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Pressure	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Pressure	WU DOC Out Press
Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Pressure Sensor	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Pressure Sensor	WU DOC Out Press Sensor
Aftertreatment Warm Up Diesel Oxidation Catalyst Temperature Sensor Module	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST TEMPERATURE SENSOR MODULE	WU DOC Temp Snr Module
AI (Air Injection)	SECONDARY AIR INJECTION	AIR
AIP (Air Injection Pump)	SECONDARY AIR INJECTION Pump	AIR Pump
AIR (Air Injection Reactor)	PULSED SECONDARY AIR INJECTION	PAIR
AIR (Air Injection Reactor)	SECONDARY AIR INJECTION	AIR
Air Cleaner	AIR CLEANER	ACL
Air Cleaner Element	AIR CLEANER Element	ACL Element
Air Cleaner Housing	AIR CLEANER Housing	ACL Housing
Air Cleaner Housing Cover	AIR CLEANER Housing Cover	ACL Housing Cover
Air Conditioning System Component Monitor	AIR CONDITIONING SYSTEM Component Monitor	AC Sys Component Monitor
Air Control Valve	SECONDARY AIR INJECTION Control Valve	AIR Control Valve
Air Filter Differential Pressure	AIR CLEANER DIFFERENTIAL PRESSURE	ACL DIFFERENTIAL PRESSURE
Air Flow Meter	MASS AIR FLOW Sensor	MAF Sensor
Air Flow Meter	VOLUME AIR FLOW Sensor	VAF Sensor
Air Flow Sensor	MASS AIR FLOW Sensor	MAF Sensor
Air Flow Sensor	VOLUME AIR FLOW Sensor	VAF Sensor
Air Fuel Control	AIR FUEL RATIO CONTROL	AFRC
Air Fuel Ratio	AIR FUEL RATIO	AFR
Air Fuel Ratio Control	AIR FUEL RATIO CONTROL	AFRC
Air Inlet Pressure	MANIFOLD ABSOLUTE PRESSURE	MAP

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Air Inlet Temperature	AMBIENT AIR TEMPERATURE	AAT
Air Intake System	INTAKE AIR System	IA System
Air Management 1	SECONDARY AIR INJECTION Bypass	AIR Bypass
Air Management 2	SECONDARY AIR INJECTION Diverter	AIR Diverter
Air Mass Sensor	MASS AIR FLOW Sensor	MAF Sensor
Air Mass Sensor	VOLUME AIR FLOW Sensor	VAF Sensor
Air Temperature Sensor	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
Air Temperature Sensor	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
Air to Air Aftercooled	ENGINE CHARGE AIR COOLER	CAC
Air Valve	IDLE AIR CONTROL Valve	IAC Valve
AIRB (Secondary Air Injection Bypass)	SECONDARY AIR INJECTION BYPASS	AIR Bypass
AIRD (Secondary Air Injection Diverter)	SECONDARY AIR INJECTION DIVERTER	AIR Diverter
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
All Speed Governor	VARIABLE SPEED GOVERNOR	VSG
Alternator Current	ALTERNATOR Current	AC
AM1 (Air Management 1)	SECONDARY AIR INJECTION Bypass	AIR Bypass
AM2 (Air Management 2)	SECONDARY AIR INJECTION Diverter	AIR Diverter
Ambient Air Pressure	BAROMETRIC PRESSURE	BARO
Ambient Air Pressure Sensor	BAROMETRIC PRESSURE Sensor	BARO Sensor
Ambient Air Temperature	AMBIENT AIR TEMPERATURE	AAT
Ambient Air Temperature	INTAKE AIR TEMPERATURE	IAT
Ambient Air Temperature Sensor	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
Ambient Air Temperature Sensor	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
Analog Barometric Air Pressure	BAROMETRIC PRESSURE	BARO
APP (Accelerator Pedal Position)	ACCELERATOR PEDAL POSITION	APP
Applicable System Monitor Denominator	APPLICABLE SYSTEM MONITOR DENOMINATOR	Applicable Sys Monitor Denominator
Applicable System Monitor Numerator	APPLICABLE SYSTEM MONITOR NUMERATOR	Applicable Sys Monitor Numerator
APS (Absolute Pressure Sensor)	BAROMETRIC PRESSURE Sensor	BARO Sensor
APS (Accelerator Pedal Sensor)	ACCELERATOR PEDAL Sensor	AP Sensor
Atmospheric Air Pressure	BAROMETRIC PRESSURE	BARO
ATS (Air Temperature Sensor)	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
ATS (Air Temperature Sensor)	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
Automatic Transaxle	AUTOMATIC TRANSAXLE	A/T
Automatic Transmission	AUTOMATIC TRANSMISSION	A/T
Automotive Governor	AUTOMOTIVE LIMITING SPEED GOVERNOR	ALSG

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Auxiliary Emissions Control Device Engine Hours Timer	AUXILIARY EMISSIONS CONTROL DEVICE Engine Hours Timer	AECD Eng Hr Timer
Auxiliary Emissions Control Device Number	AUXILIARY EMISSIONS CONTROL DEVICE Number	AECD Number
Auxiliary Heater Coolant Pump Request	AUXILIARY HEATER COOLANT PUMP Request	AUX Htr Coolant Pump Req
Auxiliary Pressure Sensor	AUXILIARY PRESSURE Sensor	AUXP Sensor
Auxiliary Temperature Sensor	AUXILIARY TEMPERATURE Sensor	AUXT Sensor
Backpressure Transducer	EXHAUST GAS RECIRCULATION Backpressure Transducer	EGR Backpressure Transducer
BARO (Barometric Pressure)	BAROMETRIC PRESSURE	BARO
Barometric Absolute Pressure	BAROMETRIC PRESSURE	BARO
Barometric Pressure Sensor	BAROMETRIC PRESSURE Sensor	BARO Sensor
Battery Potential / Power Input	BATTERY POTENTIAL Power Input	Battery Potential Pwr Input
BLM (Block Learn Matrix)	Long Term FUEL TRIM	Long Term FT
BLM (Block Learn Memory)	Long Term FUEL TRIM	Long Term FT
BLM (Block Learn Multiplier)	Long Term FUEL TRIM	Long Term FT
Block Learn Matrix	Long Term FUEL TRIM	Long Term FT
Block Learn Memory	Long Term FUEL TRIM	Long Term FT
Block Learn Multiplier	Long Term FUEL TRIM	Long Term FT
Boost Pressure	INTAKE MANIFOLD PRESSURE	IMP
Boost Pressure Sensor	INTAKE MANIFOLD PRESSURE Sensor	IMP Sensor
BP (Barometric Pressure) Sensor	BAROMETRIC PRESSURE Sensor	BARO Sensor
BPP (Brake Pedal Position)	BRAKE PEDAL POSITION	BPP
Brake Pedal Position	BRAKE PEDAL POSITION	BPP
Brake Switch	BRAKE SWITCH	Brk Sw
C3I (Computer Controlled Coil Ignition)	ELECTRONIC IGNITION	EI
Cab Interior Temperature Thermostat	CAB INTERIOR Temperature Thermostat	Cab Interior Temp Thermostat
CAC (Charge Air Cooler)	ENGINE CHARGE AIR COOLER	CAC
Calculated Load Value	CALCULATED LOAD VALUE	LOAD
Calibration Identification	CALIBRATION Identification	CAL ID
Calibration Memory	CALIBRATION Memory	CAL Memory
Calibration Module	CALIBRATION Module	CAL Module
Calibration Verification Number	CALIBRATION Verification Number	CVN
Camshaft Position	CAMSHAFT POSITION	CMP
Camshaft Position Actuator	CAMSHAFT POSITION Actuator	CMP Actuator
Camshaft Position Controller	CAMSHAFT POSITION Controller	CMP Controller
Camshaft Position Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
Camshaft Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
Camshaft Timing Actuator	CAMSHAFT POSITION Actuator	CMP Actuator
Canister	CANISTER	CANISTER
Canister	EVAPORATIVE EMISSION Canister	EVAP Canister

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Canister Purge	EVAPORATIVE EMISSION Canister Purge	EVAP Canister Purge
Canister Purge Vacuum Switch Valve	EVAPORATIVE EMISSION Canister Purge Valve	EVAP Canister Purge Valve
Canister Purge Valve	EVAPORATIVE EMISSION Canister Purge Valve	EVAP Canister Purge Valve
Canister Purge VSV (Vacuum Switching Valve)	EVAPORATIVE EMISSION Canister Purge Valve	EVAP Canister Purge Valve
CANP (Canister Purge)	EVAPORATIVE EMISSION Canister Purge	EVAP Canister Purge
CARB (Carburetor)	CARBURETOR	CARB
Carburetor	CARBURETOR	CARB
Catalyst Bank System Monitor	CATALYST BANK System Monitor	Catalyst Bank Sys Monitor
Catalytic Converter Heater	CATALYST HEATER	CATALYST HEATER
CCC (Converter Clutch Control)	TORQUE CONVERTER CLUTCH	TCC
CCO (Converter Clutch Override)	TORQUE CONVERTER CLUTCH	TCC
CCS (Coast Clutch Solenoid)	COAST CLUTCH SOLENOID	CCS
CCS (Coast Clutch Solenoid) Valve	COAST CLUTCH SOLENOID Valve	CCS Valve
CDI (Capacitive Discharge Ignition)	DISTRIBUTOR IGNITION	DI
CDROM (Compact Disc Read Only Memory)	COMPACT DISC READ ONLY MEMORY	CDROM
Central Multiport Fuel Injection	Central MULTIPORT FUEL INJECTION	Central MFI
Certification Engine Family Name	CERTIFICATION ENGINE FAMILY NAME	Cert Eng Fam Nm
Certification Word Code	ELECTRONIC CALIBRATION CODE	ECC
CFI (Central Fuel Injection)	THROTTLE BODY FUEL INJECTION	TBI
CFI (Continuous Fuel Injection)	CONTINUOUS FUEL INJECTION	CFI
Charcoal Canister	EVAPORATIVE EMISSION Canister	EVAP Canister
Charge Air Cooler	ENGINE CHARGE AIR COOLER	CAC
Charging System Potential Voltage	CHARGING SYSTEM Potential Voltage	Charging Sys Potential V
Check Engine	MALFUNCTION INDICATOR LAMP	MIL
Check Engine	SERVICE REMINDER INDICATOR	SRI
Check Engine Light	AMBER WARNING LAMP	AWL
CID (Cylinder Identification) Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
CIS (Continuous Injection System)	CONTINUOUS FUEL INJECTION	CFI
CIS-E (Continuous Injection System Electronic)	CONTINUOUS FUEL INJECTION	CFI
CKP (Crank Position) Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
CKP (Crankshaft Position)	CRANKSHAFT POSITION	CKP
CL (Closed Loop)	CLOSED LOOP	CL
Closed Bowl Distributor	DISTRIBUTOR IGNITION	DI
Closed Throttle Position	CLOSED THROTTLE POSITION	CTP
Closed Throttle Switch	CLOSED THROTTLE POSITION Switch	CTP Switch
CLS (Closed Loop System)	CLOSED LOOP	CL
Clutch Engage Switch	CLUTCH PEDAL POSITION Switch	CPP Switch
Clutch Pedal Position Switch	CLUTCH PEDAL POSITION Switch	CPP Switch

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Clutch Start Switch	CLUTCH PEDAL POSITION Switch	CPP Switch
Clutch Switch	CLUTCH PEDAL POSITION Switch	CPP Switch
CMFI (Central Multiport Fuel Injection)	Central MULTIPORT FUEL INJECTION	Central MFI
CMP (Camshaft Position)	CAMSHAFT POSITION	CMP
CMP (Camshaft Position) Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
COC (Continuous Oxidation Catalyst)[1]	AFTERTREATMENT DIESEL OXIDATION CATALYST	DOC
COC (Continuous Oxidation Catalyst)[2]	AFTERTREATMENT GAS OXIDATION CATALYST	GOC
Cold Junction Block	AFTERTREATMENT DIESEL PARTICULATE FILTER Cold Junction Block	DPF Cold Jctn Blk
Cold Junction Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Cold Junction Temperature	DPF Cold Jctn Temp
Cold Mode	COLD MODE	CM
Combined Circuit Aftercooler	ENGINE CHARGE AIR COOLER	CAC
Commanded Engine Fuel Injection Control Pressure	Commanded ENGINE FUEL INJECTION Control Pressure	Cmd Eng Fuel Inj Ctrl Press
Commanded Engine Fuel Rail Pressure	Commanded ENGINE FUEL RAIL PRESSURE	Cmd Eng Fuel Rail Press
Commanded Engine Intake Manifold Pressure	Commanded Engine INTAKE MANIFOLD PRESSURE	Cmd IMP
Comprehensive Component Monitor	COMPREHENSIVE COMPONENT MONITOR	CCM
Compression Ratio	COMPRESSION RATIO	CR
Condenser	DISTRIBUTOR IGNITION Capacitor	DI Capacitor
Continuous Fuel Injection	CONTINUOUS FUEL INJECTION	CFI
Continuous Injection System	CONTINUOUS FUEL INJECTION System	CFI System
Continuous Injection System - E	Electronic CONTINUOUS FUEL INJECTION System	Electronic CFI System
Continuous Trap Oxidizer	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
Continuous Trap Oxidizer	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
Controller	ELECTRONIC CONTROL UNIT	ECU
Controller #	ENGINE CONTROL MODULE	ECM
Coolant Level Sensor	ENGINE COOLANT LEVEL Sensor	ECL Sensor
Coolant Pressure	ENGINE COOLANT PRESSURE	ECP
Coolant Pressure Sensor	COOLANT PRESSURE Sensor	CP Sensor
Coolant Temperature Sensor	ENGINE COOLANT TEMPERATURE Sensor	ECT Sensor
Cooling Fan Drive Output	ENGINE COOLING FAN Drive Output	Eng Cooling Fan Drv Out
CP (Crankshaft Position)	CRANKSHAFT POSITION	CKP
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
CPS (Crankshaft Position Sensor)	CRANKSHAFT POSITION Sensor	CKP Sensor

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Crank Angle Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
Crankcase Breather	CRANKCASE BREATHER	CCB
Crankcase Pressure	Engine CRANKCASE PRESSURE	CCP
Crankshaft Position	CRANKSHAFT POSITION	CKP
Crankshaft Position Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
Crankshaft Speed	ENGINE SPEED	RPM
Crankshaft Speed Sensor	ENGINE SPEED Sensor	RPM Sensor
Cruise Control Accelerate Switch	CRUISE CONTROL Accelerate Switch	CC Accel Sw
Cruise Control Active	CRUISE CONTROL Active	CC Active
Cruise Control Coast (Decelerate) Switch	CRUISE CONTROL Coast (Decelerate) Switch	CC Decel SW
Cruise Control Enable Switch	CRUISE CONTROL Enable Switch	CC Enable Sw
Cruise Control Resume Switch	CRUISE CONTROL Resume Switch	CC Resume Sw
Cruise Control Set Speed	CRUISE CONTROL Set Speed	CC Set Spd
Cruise Control Set Switch	CRUISE CONTROL Set Switch	CC Set Sw
Cruise Control States	CRUISE CONTROL States	CC States
CTO (Continuous Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
CTO (Continuous Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
CTOX (Continuous Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
CTOX(Continuous Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
CTP (Closed Throttle Position)	CLOSED THROTTLE POSITION	CTP
CTS (Coolant Temperature Sensor)	ENGINE COOLANT TEMPERATURE Sensor	ECT Sensor
CTS (Coolant Temperature Switch)	ENGINE COOLANT TEMPERATURE Switch	ECT Switch
Cylinder ID (Identification) Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
Data File P/N	ELECTRONIC CALIBRATION CODE	ECC
Data Link Connector	DATA LINK CONNECTOR	DLC
Desired Aftercooler Coolant Intake Temperature	Desired ENGINE AFTERCOOLER COOLANT Intake Temperature	Desired Eng Aftercooler Coolant In Temp
Desired Aftercooler Coolant Thermostat Opening	Desired ENGINE AFTERCOOLER COOLANT Thermostat Opening	Desired Aftercooler Coolant Thermostat Opening
Desired Engine Coolant Pump Outlet Temperature	Desired ENGINE COOLANT PUMP OUTLET Temperature	Desired Engine Coolant Pump Outlet Temp
Desired Engine Coolant Thermostat Opening	Desired ENGINE COOLANT THERMOSTAT Opening	Desired EC Thermostat Opening
Desired Engine Fueling State	Desired Engine FUELING State	Des Eng Fuel State
Deterioration Factor	DETERIORATION FACTOR	DF
Detonation Sensitive Timing	DETONATION SENSITIVE TIMING	DST
Detonation Sensor	Engine KNOCK SENSOR	KS
DFI (Digital Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
DFI (Direct Fuel Injection)	DIRECT FUEL INJECTION	DFI



TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
DI (Direct Injection)	DIRECT FUEL INJECTION	DFI
DI (Distributor Ignition)	DISTRIBUTOR IGNITION	DI
DI (Distributor Ignition) Capacitor	DISTRIBUTOR IGNITION Capacitor	DI Capacitor
Diagnostic Connector	DIAGNOSTIC CONNECTOR, CAB	DCC
Diagnostic Connector	DIAGNOSTIC CONNECTOR, UNDERHOOD	DCU
Diagnostic Data Link	SAE J1587 DATA LINK	SAE J1587 DL
Diagnostic Data Link	SAE J1922 DATA LINK	SAE J1922 DL
Diagnostic Data Link Negative Side	SAE J1587 DATA LINK NEGATIVE	SAE J1587 DL-
Diagnostic Data Link Negative Side	SAE J1939 DATA LINK NEGATIVE	SAE J1939 DL-
Diagnostic Data Link Positive Side	SAE J1587 DATA LINK POSITIVE	SAE J1587 DL+
Diagnostic Data Link Positive Side	SAE J1939 DATA LINK POSITIVE	SAE J1939 DL+
Diagnostic Data Link Shield	SAE J1939 DATA LINK SHIELD	SAE J1939 SHLD
Diagnostic Data Reader	SCAN TOOL	ST
Diagnostic Fault Code	DIAGNOSTIC TROUBLE CODE	DTC
Diagnostic Switch	DIAGNOSTIC TEST MODE Switch	DTM Switch
Diagnostic Test Mode	DIAGNOSTIC TEST MODE	DTM
Diagnostic Trouble Code	DIAGNOSTIC TROUBLE CODE	DTC
DID (Direct Injection - Diesel)	DIRECT FUEL INJECTION	DFI
Diesel Particulate Filter	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
Diesel Particulate Filter Active Regeneration Forced Status	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Forced Status	DPF Active Regen Forced Status
Diesel Particulate Filter Active Regeneration Inhibited Due to Accelerator Pedal Off Idle	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Accelerator Pedal Off Idle	DPF Active Regen Inhibited Due to Acc Pedal Off Idle
Diesel Particulate Filter Active Regeneration Inhibited Due to Clutch Disengaged	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Clutch Disengaged	DPF Active Regen Inhibited Due to Clutch Disengaged
Diesel Particulate Filter Active Regeneration Inhibited Due to Engine Not Warmed Up	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Engine Not Warmed Up	DPF Active Regen Inhibited Due to Eng Not Warmed Up
Diesel Particulate Filter Active Regeneration Inhibited Due to Inhibit Switch	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Inhibit Switch	DPF Active Regen Inhibited Due to Inhibit Sw
Diesel Particulate Filter Active Regeneration Inhibited Due to Low Exhaust Gas Temperature	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Low Exhaust Gas Temperature	DPF Active Regen Inhibited Due to Low Exh Temp
Diesel Particulate Filter Active Regeneration Inhibited Due to Out of Neutral	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Out of Neutral	DPF Active Regen Inhibited Due to Out of Neutral
Diesel Particulate Filter Active Regeneration Inhibited Due to Parking Brake Not Set	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Parking Brake Not Set	DPF Active Regen Inhibited Due to Parking Brk Not Set
Diesel Particulate Filter Active Regeneration Inhibited Due to Permanent System Lockout	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Permanent System Lockout	DPF Active Regen Inhibited Due to Permanent Sys Lockout

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Diesel Particulate Filter Active Regeneration Inhibited Due to PTO Active	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to PTO Active	DPF Active Regen Inhibited Due to PTO Active
Diesel Particulate Filter Active Regeneration Inhibited Due to Service Brake Active	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Service Brake Active	DPF Active Regen Inhibited Due to Svc Brk Active
Diesel Particulate Filter Active Regeneration Inhibited Due to System Fault Active	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to System Fault Active	DPF Active Regen Inhibited Due to Sys Fault Active
Diesel Particulate Filter Active Regeneration Inhibited Due to System Timeout	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to System Timeout	DPF Active Regen Inhibited Due to Sys Timeout
Diesel Particulate Filter Active Regeneration Inhibited Due to Temporary System Lockout	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Temporary System Lockout	DPF Active Regen Inhibited Due to Temporary Sys Lockout
Diesel Particulate Filter Active Regeneration Inhibited Due to Vehicle Speed Above Allowed Speed	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Vehicle Speed Above Allowed Speed	DPF Active Regen Inhibited Due to VehSpd Above Allowed Spd
Diesel Particulate Filter Active Regeneration Inhibited Due to Vehicle Speed Below Allowed Speed	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Vehicle Speed Below Allowed Speed	DPF Active Regen Inhibited Due to VehSpd Below Allowed Spd
Diesel Particulate Filter Active Regeneration Inhibited Status	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Status	DPF Active Regen Inhibited Status
Diesel Particulate Filter Active Regeneration Status	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Status	DPF Active Regen Status
Diesel Particulate Filter Ash Load Percent	AFTERTREATMENT DIESEL PARTICULATE FILTER Ash Load Percent	DPF Ash Ld %
Diesel Particulate Filter Conditions Not Met for Active Regeneration	AFTERTREATMENT DIESEL PARTICULATE FILTER Conditions Not Met For Active Regeneration	DPF Conditions Not Met For Active Regen
Diesel Particulate Filter Intake Pressure	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Pressure	DPF In Press
Diesel Particulate Filter Mean Soot Signal	AFTERTREATMENT DIESEL PARTICULATE FILTER Mean Soot Signal	DPF Mean Soot Signal
Diesel Particulate Filter Median Soot Signal	AFTERTREATMENT DIESEL PARTICULATE FILTER Median Soot Signal	DPF Median Soot Signal
Diesel Particulate Filter Passive Regeneration Status	AFTERTREATMENT DIESEL PARTICULATE FILTER Passive Regeneration Status	DPF Passive Regen Status
Diesel Particulate Filter Regeneration Force Switch	AFTERTREATMENT DIESEL PARTICULATE FILTER Regeneration Force Switch	DPF Regen Force Sw
Diesel Particulate Filter Regeneration Inhibit Switch	AFTERTREATMENT DIESEL PARTICULATE FILTER Regeneration Inhibit Switch	DPF Regen Inhibit Sw
Diesel Particulate Filter Soot Density	AFTERTREATMENT DIESEL PARTICULATE FILTER Soot Density	DPF Soot Density
Diesel Particulate Filter Soot Load Percent	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Load Percent	DPF Soot Ld %
Diesel Particulate Filter Soot Mass	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Mass	DPF Soot Mass
Diesel Particulate Filter Soot Signal Maximum	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Signal Maximum	DPF Soot Signal Max

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Diesel Particulate Filter Soot Signal Minimum	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Signal Minimum	DPF Soot Signal Min
Diesel Particulate Filter Soot Signal Standard Deviation	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Signal Standard Deviation	DPF Soot Signal Std Deviation
Diesel Particulate Filter Status	AFTERTREATMENT DIESEL PARTICULATE FILTER Status	DPF Status
Diesel Particulate Filter Time Since Last Active Regeneration	AFTERTREATMENT DIESEL PARTICULATE FILTER Time Since Last Active Regeneration	DPF Time Since Last Active Regen
Diesel Particulate Trap	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
Differential Pressure Feedback EGR System	Differential Pressure Feedback EXHAUST GAS RECIRCULATION System	Differential Pressure Feedback EGR System
Digital Communication Link	SAE J1587 DATA LINK	SAE J1587 DL
Digital Communication Link	SAE J1939 DATA LINK	SAE J1939 DL
Digital Communication Link Negative Side	SAE J1587 DATA LINK NEGATIVE	SAE J1587 DL-
Digital Communication Link Negative Side	SAE J1939 DATA LINK NEGATIVE	SAE J1939 DL-
Digital Communication Link Positive Side	SAE J1587 DATA LINK POSITIVE	SAE J1587 DL+
Digital Communication Link Positive Side	SAE J1939 DATA LINK POSITIVE	SAE J1939 DL+
Digital Communication Link Shield	SAE J1939 DATA LINK SHIELD	SAE J1939 SHLD
Digital Diagnostic Tool	SCAN TOOL	ST
Digital EGR (Exhaust Gas Recirculation)	EXHAUST GAS RECIRCULATION	EGR
Direct Fuel Injection	DIRECT FUEL INJECTION	DFI
Direct Ignition System	ELECTRONIC IGNITION System	EI System
Direct Ozone Reduction Monitor	DIRECT OZONE REDUCTION MONITOR	DOR Monitor
DIS (Distributorless Ignition System)	ELECTRONIC IGNITION System	EI System
DIS (Distributorless Ignition System) Module	Engine IGNITION CONTROL MODULE	ICM
Distance Sensor	VEHICLE SPEED SENSOR	VSS
Distance Since Diagnostic Trouble Codes Cleared	DISTANCE Since Diagnostic Trouble Codes Cleared	DIST Since DTCs Cleared
Distance Travelled While MIL is Activated	DISTANCE Travelled While MIL is Activated	DIST Travelled While MIL is Activated
Distributor Ignition	DISTRIBUTOR IGNITION	DI
Distributorless Ignition	ELECTRONIC IGNITION	EI
D-Jetronic	MULTIPOINT FUEL INJECTION	MFI
DLC (Data Link Connector)	DATA LINK CONNECTOR	DLC
DLI (Distributorless Ignition)	ELECTRONIC IGNITION	EI
Doser	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Doser DOSER	
Doser	AFTERTREATMENT HYDROCARBON DOSER HC Doser	
Doser Pump	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Doser Pump DOSER Pump	
Doser Pump	AFTERTREATMENT HYDROCARBON DOSER HC Doser Pump Pump	
DPF Thermal Management Active	AFTERTREATMENT DIESEL PARTICULATE FILTER Thermal Management Active	DPF Thermal Mgt Active

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Driver	DRIVER	DRIVER
DS (Detonation Sensor)	Engine KNOCK SENSOR	KS
DTC (Diagnostic Trouble Code)	DIAGNOSTIC TROUBLE CODE	DTC
DTM (Diagnostic Test Mode)	DIAGNOSTIC TEST MODE	DTM
Dual Bed	THREE WAY + OXIDATION CATALYST	TWC+OC
Duty Solenoid for Purge Valve	EVAPORATIVE EMISSION Canister Purge Valve	EVAP Canister Purge Valve
Dynamic Pressure Control Solenoid	Dynamic PRESSURE CONTROL Solenoid	Dynamic PC Solenoid
Dynamic Pressure Control Solenoid Valve	Dynamic PRESSURE CONTROL Solenoid Valve	Dynamic PC Solenoid Valve
E2PROM (Electrically Erasable Programmable Read Only Memory)	ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	EEPROM
Early Fuel Evaporation	EARLY FUEL EVAPORIZATION	EFE
EATX (Electronic Automatic Transmission / Transaxle)	AUTOMATIC TRANSMISSION	A/T
EC (Engine Control)	ENGINE CONTROL	EC
ECA (Electronic Control Assembly)	POWERTRAIN CONTROL MODULE	PCM
ECL (Engine Coolant Level)	ENGINE COOLANT LEVEL	ECL
ECM (Engine Control Module)	ENGINE CONTROL MODULE	ECM
ECM Calibration	ELECTRONIC CALIBRATION CODE	ECC
ECM Calibration Codes	ELECTRONIC CALIBRATION CODE	ECC
ECM External Data Plate	ECM EXTERNAL IDENTIFICATION PLATE	ECM EIDP
ECM Internal Data Plate	ECM INTERNAL IDENTIFICATION PLATE	ECM IIDP
ECM Main Relay	ELECTRONIC CONTROL UNIT Main Relay	ECU Main Rly
ECT (Engine Coolant Temperature)	ENGINE COOLANT TEMPERATURE	ECT
ECT (Engine Coolant Temperature) Sensor	ENGINE COOLANT TEMPERATURE Sensor	ECT Sensor
ECT (Engine Coolant Temperature) Switch	ENGINE COOLANT TEMPERATURE Switch	ECT Switch
ECU 8 Volts DC Supply	ELECTRONIC CONTROL UNIT 8 Volts DC Supply	ECU 8 VDC Supply
ECU Power Output Supply Voltage	ELECTRONIC CONTROL UNIT Power Output Supply Voltage	ECU Pwr Out Supply Voltage
ECU4 (Electronic Control Unit 4)	POWERTRAIN CONTROL MODULE	PCM
EDF (Electro-Drive Fan) Control	FAN CONTROL	FC
EDIS (Electronic Distributor Ignition System)	DISTRIBUTOR IGNITION System	DI System
EDIS (Electronic Distributor Ignition System) Module	Distributor IGNITION CONTROL MODULE	Distributor ICM
EDIS (Electronic Distributorless Ignition System)	ELECTRONIC IGNITION System	EI System
EEC (Electronic Engine Control ) Processor	POWERTRAIN CONTROL MODULE	PCM
EEC (Electronic Engine Control)	ENGINE CONTROL	EC
EECS (Evaporative Emission Control System)	EVAPORATIVE EMISSION System	EVAP System
EEPROM (Electrically Erasable Programmable Read Only Memory)	ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	EEPROM

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
EFE (Early Fuel Evaporation)	EARLY FUEL EVAPORIZATION	EFE
EFI (Electronic Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
EFI (Electronic Fuel Injection)	THROTTLE BODY FUEL INJECTION	TBI
EGO (Exhaust Gas Oxygen) Sensor	OXYGEN SENSOR	O2S
EGOS (Exhaust Gas Oxygen Sensor)	OXYGEN SENSOR	O2S
EGR (Exhaust Gas Recirculation)	EXHAUST GAS RECIRCULATION	EGR
EGR (Exhaust Gas Recirculation) Diagnostic Valve	EXHAUST GAS RECIRCULATION Diagnostic Valve	EGR Diagnostic Valve
EGR (Exhaust Gas Recirculation) System	EXHAUST GAS RECIRCULATION System	EGR System
EGR (Exhaust Gas Recirculation) Thermal Vacuum Valve	Engine EXHAUST GAS RECIRCULATION THERMAL VACUUM VALVE	EGR TVV
EGR (Exhaust Gas Recirculation) Valve	EXHAUST GAS RECIRCULATION Valve	EGR Valve
EGR Cooler Bypass Actuator	EXHAUST GAS RECIRCULATION Cooler Bypass Actuator	EGR Cooler Bypass Actuator
EGR Cooler Bypass Actuator Position	EXHAUST GAS RECIRCULATION Cooler Bypass Actuator Position	EGR Cooler Bypass Actuator Position
EGR System Monitor	EXHAUST GAS RECIRCULATION System Monitor	EGR Sys Mon
EGR TVV (Exhaust Gas Recirculation Thermal Vacuum Valve)	Engine EXHAUST GAS RECIRCULATION THERMAL VACUUM VALVE	EGR TVV
EGRT (Exhaust Gas Recirculation Temperature)	Engine EXHAUST GAS RECIRCULATION TEMPERATURE	EGRT
EGRT (Exhaust Gas Recirculation Temperature) Sensor	Engine EXHAUST GAS RECIRCULATION TEMPERATURE Sensor	EGRT Sensor
EGRV (Exhaust Gas Recirculation Valve)	EXHAUST GAS RECIRCULATION Valve	EGR Valve
EGRVC (Exhaust Gas Recirculation Valve Control)	EXHAUST GAS RECIRCULATION Valve Control	EGR Valve Control
EGS (Exhaust Gas Sensor)	OXYGEN SENSOR	O2S
EI (Electronic Ignition) (With Distributor)	DISTRIBUTOR IGNITION	DI
EI (Electronic Ignition) (Without Distributor)	ELECTRONIC IGNITION	EI
Electrically Erasable Programmable Read Only Memory	ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	EEPROM
Electronic Calibration Code	ELECTRONIC CALIBRATION CODE	ECC
Electronic Control Module	ELECTRONIC CONTROL UNIT	ECU
Electronic Control Module	ENGINE CONTROL MODULE	ECM
Electronic Drive Unit	Engine INJECTOR DRIVE MODULE	IDM
Electronic Drive Unit Feedback	Feedback INJECTOR DRIVE MODULE	FIDM
Electronic Engine Control	Electronic ENGINE CONTROL	Electronic EC
Electronic Foot Pedal Assembly	ACCELERATOR PEDAL	AP
Electronic Fuel Control	ELECTRONIC FUEL CONTROL	EFC
Electronic Fuel Control Valve	ELECTRONIC FUEL CONTROL Valve	EFC Valve
Electronic Ignition	ELECTRONIC IGNITION	EI
Electronic Service Tool	SCAN TOOL	ST

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Electronic Spark Advance	Engine IGNITION CONTROL	IC
Electronic Spark Timing	Engine IGNITION CONTROL	IC
Electronic Speed Switch	ENGINE OVERSPEED Switch	EO Switch
Electronic Unit Injector (EUI)	Engine INJECTOR	INJ
EM (Engine Modification)	ENGINE MODIFICATION	EM
EMR (Engine Maint Reminder)	SERVICE REMINDER INDICATOR	SRI
Engine (Compression) Brake Output	ENGINE COMPRESSION BRAKE Output	Eng Compression Brk Out
Engine (Exhaust) Brake Output	ENGINE EXHAUST BRAKE Output	Eng Exh Brk Out
Engine Actual Exhaust Oxygen	ENGINE ACTUAL EXHAUST OXYGEN	ENG ACT EXH OXYGEN
Engine Actual Ignition Timing	ENGINE Actual Ignition TIMING	Eng Act Ign Timing
Engine Aftercooler Coolant Level	ENGINE AFTERCOOLER COOLANT Level	Eng Aftercooler Coolant Lvl
Engine Aftercooler Oil Cooler Coolant Temperature	ENGINE AFTERCOOLER Oil Cooler COOLANT Temperature	Eng Aftercooler Oil Cooler Coolant Temp
Engine Air Filter Differential Pressure	ENGINE AIR FILTER Differential Pressure	Eng Air Filter Diff Press
Engine Air Intake Pressure	ENGINE INTAKE AIR Pressure	Eng Intake Air Press
Engine Air Intake Temperature	ENGINE INTAKE AIR Temperature	Eng Intake Air Temp
Engine Air to Fuel Differential Pressure	ENGINE AIR TO FUEL Differential Pressure	Eng Air to Fuel Diff Press
Engine Alternate Droop Accelerator Select	Accelerator ENGINE DROOP Select	Accel Droop Selection
Engine Alternate Droop Accelerator Select State	Accelerator ENGINE DROOP Selected Mode	Accel Droop Selected Mode
Engine Alternate Droop Auxiliary Input Select	Auxiliary Input ENGINE DROOP Select	Aux Input Droop Selection
Engine Alternate Droop Remote Accelerator Select	Remote Accelerator ENGINE DROOP Select	Remote Accel Droop Selection
Engine Alternate Droop Remote Accelerator Select State	Remote Accelerator ENGINE DROOP Selected Mode	Remote Accel Droop Selected Mode
Engine Alternate Low Idle Select State	Engine Alternate Low IDLE Select State	Alternate Low Idle
Engine Alternate Low Idle Switch	Engine Alternate Low IDLE Switch	Alternate Low Idle Switch
Engine Alternate Rating Select	Alternate ENGINE RATING Select	Alternate Eng Rating Select
Engine Alternate Rating Select State	Alternate ENGINE RATING Selected Mode	Alternate Eng Rating Selected Mode
Engine Automatic Start Alarm	ENGINE AUTOMATIC START Alarm	Auto Start Alarm
Engine Automatic Start Lamp	ENGINE AUTOMATIC START Lamp	Auto Start Lamp
Engine Auxiliary Coolant Pressure	Auxiliary ENGINE COOLANT PRESSURE	Aux ECP
Engine Auxiliary Coolant Temperature	Auxiliary ENGINE COOLANT TEMPERATURE	Aux ECT
Engine Auxiliary Cooling System	Auxiliary ENGINE COOLING SYSTEM	Aux Eng Cool Sys
Engine Auxiliary Shutdown Switch	Auxiliary ENGINE SHUTDOWN Switch	Aux Eng Shutdown Sw
Engine Average Combustion Time	Engine Average COMBUSTION Time	Avg Combustion Time
Engine Average Fuel Economy (Gaseous)	Engine Average FUEL ECONOMY	Fuel Economy
Engine Average Fuel Rate	Engine Average FUEL RATE	Fuel Rate
Engine Block / Coolant Pre-heater Control	ENGINE Pre-HEATER Control	Eng Preheater
Engine Centrifugal Oil Filter Speed	Engine Centrifugal OIL FILTER Speed	Centrifugal OIL FILTER Spd
Engine Certification Plate	ENGINE CERTIFICATION PLATE	ECP



TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Charge Air Cooler Ambient Air Temperature	ENGINE CHARGE AIR COOLER Ambient Air Temperature	CAC AAT
Engine Charge Air Cooler Bypass	ENGINE CHARGE AIR COOLER Bypass	CAC Bypass
Engine Charge Air Cooler Differential Pressure	ENGINE CHARGE AIR COOLER Differential Pressure	CAC Diff Pres
Engine Charge Air Cooler Efficiency	ENGINE CHARGE AIR COOLER Efficiency	CAC Effic
Engine Charge Air Cooler Intake Pressure	ENGINE CHARGE AIR COOLER Intake Pressure	CAC In Pres
Engine Charge Air Cooler Intake Temperature	ENGINE CHARGE AIR COOLER Intake Temperature	CAC In Temp
Engine Charge Air Cooler Outlet Pressure	ENGINE CHARGE AIR COOLER Outlet Pressure	CAC Outlet Pres
Engine Charge Air Cooler Outlet Temperature	ENGINE CHARGE AIR COOLER Outlet Temperature	CAC Outlet Temp
Engine Charge Air Cooler Precooler Efficiency	ENGINE CHARGE AIR COOLER Precooler Efficiency	CAC Precooler Effic
Engine Charge Air Cooler Precooler Intake Temperature	ENGINE CHARGE AIR COOLER Precooler Intake Temperature	CAC Precooler In Temp
Engine Charge Air Cooler Precooler Outlet Temperature	ENGINE CHARGE AIR COOLER Precooler Outlet Temperature	CAC Precooler Outlet Temp
Engine Cold Start Emission Reduction Strategy System Monitor	Engine COLD START Emission Reduction Strategy System Monitor	Eng Cold Start Emission Reduction Strategy System Monitor
Engine Configuration	INTERNAL IDENTIFICATION DATA	IIDD
Engine Control	ENGINE CONTROL	EC
Engine Control Module	ENGINE CONTROL MODULE	ECM
Engine Coolant Circulating Pump Control	Engine COOLANT PUMP Control	Eng Cool Pump Ctrl
Engine Coolant Diverter Valve	Engine COOLANT DIVERTER VALVE	Eng Coolant Diverter Valve
Engine Coolant Fan Control	FAN CONTROL	FC
Engine Coolant Filter Differential Pressure	ENGINE COOLANT FILTER Differential Pressure	Eng Coolant Filter Diff Press
Engine Coolant Intake Temperature	ENGINE COOLANT INTAKE TEMPERATURE	ECIT
Engine Coolant Level	ENGINE COOLANT LEVEL	ECL
Engine Coolant Level - Main Radiator	ENGINE COOLANT LEVEL - Main Radiator	ECL - Main Radiator
Engine Coolant Level Indicator	ENGINE COOLANT LEVEL Indicator	ECL Indicator
Engine Coolant Loop Pressure	Engine Secondary Coolant Circuit COOLANT PRESSURE	Secondary Circuit ECP
Engine Coolant Loop Temperature	ENGINE Secondary Coolant Circuit COOLANT TEMPERATURE	Secondary Circuit ECT
Engine Coolant Outlet Temperature	ENGINE COOLANT Outlet TEMPERATURE	ECOT
Engine Coolant Pre-heated State	ENGINE COOLANT TEMPERATURE Status	ECT Status
Engine Coolant Pressure	Engine COOLANT PRESSURE	ECP
Engine Coolant Pump Command	Engine COOLANT PUMP Command	Eng Cool Pump Cmd
Engine Coolant Pump Differential Pressure	Engine COOLANT PUMP Differential Pressure	Eng Cool Pump Diff Pres
Engine Coolant Pump Outlet Temperature	Engine COOLANT PUMP Outlet Temperature	Eng Cool Pump Outlet Temp



TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Coolant System Thermostat	Engine COOLANT THERMOSTAT	Eng Cool Thermostat
Engine Coolant Temp Sender	ENGINE COOLANT TEMPERATURE Sensor	ECT Sensor
Engine Coolant Temp Sensor	ENGINE COOLANT TEMPERATURE Sensor	ECT Sensor
Engine Coolant Temp Switch	ENGINE COOLANT TEMPERATURE Switch	ECT Switch
Engine Coolant Temperature	ENGINE COOLANT TEMPERATURE	ECT
Engine Coolant Temperature (High Resolution)	ENGINE COOLANT TEMPERATURE	ECT
Engine Coolant Thermostat Mode	Engine COOLANT THERMOSTAT Mode	Eng Cool Thermostat Mode
Engine Coolant Thermostat Opening	Engine COOLANT THERMOSTAT Opening	Eng Cool Thermostat Opening
Engine Cooling Fan Thermal Switch Position	ENGINE FAN Temperature Switch	Fan Temp Sw
Engine Cooling System Monitor	ENGINE COOLING SYSTEM Monitor	Eng Cool Sys
Engine Crankcase Breather Oil Separator	ENGINE CRANKCASE BREATHER OIL SEPARATOR	CCB Oil Separator
Engine Crankcase Breather Oil Separator Speed	ENGINE CRANKCASE BREATHER OIL SEPARATOR SPEED	ECBOSS
Engine Crankcase Pressure	Engine CRANKCASE PRESSURE	CCP
Engine Crankcase Ventilation Hose Disconnected	Engine POSITIVE CRANKCASE VENTILATION Hose Disconnected	PCV Hose Disconnected
Engine Cylinder Combustion Status	Engine Cylinder COMBUSTION Status	Cyl Combustion
Engine Cylinder Combustion Time	Engine Cylinder COMBUSTION Time	Cyl Combustion Time
Engine Cylinder Exhaust Valve Actuator	Engine Cylinder EXHAUST VALVE Actuator	EXH VALVE Actuator
Engine Cylinder Fuel Injection Quantity	Engine Cylinder FUEL INJECTION Quantity	Cyl FI Quantity
Engine Cylinder Ignition Timing	Engine Cylinder IGNITION TIMING	Cyl Ignition Timing
Engine Cylinder Ignition Transformer Secondary Output	Engine Cylinder IGNITION TRANSFORMER SECONDARY OUTPUT	Ignition Transformer Secondary Output
Engine Cylinder Knock Level	Engine Cylinder KNOCK Level	Cyl Knock Lvl
Engine Data Plate	ENGINE CERTIFICATION PLATE	ECP
Engine Default Torque Limit	Default ENGINE TORQUE Limit	ENGINE TORQUE LIMIT
Engine Demand – Percent Torque	Engine Demand – Percent TORQUE	Demand Engine Torque
Engine Derate Switch	ENGINE DERATE Switch	Engine Derate Sw
Engine Desired Absolute Intake Manifold Pressure (Turbo Boost Limit)	Engine Desired INTAKE MANIFOLD PRESSURE	Desired IMP
Engine Desired Combustion Time	Engine Desired Cylinder COMBUSTION Time	Desired Cyl Combustion Time
Engine Desired Exhaust Oxygen	Engine Desired EXHAUST O2	Desired EXH O2
Engine Desired Ignition Timing	Engine Desired IGNITION TIMING	IGNITION TIMING
Engine Desired Rated Exhaust Oxygen	Engine Desired Rated EXHAUST O2	Desired Rated EXH O2
Engine Desired Throttle Valve Position	Engine Desired THROTTLE VALVE Position	Desired Throttle Valve Position
Engine Desired Turbocharger Compressor Bypass Actuator Position	Desired ENGINE TURBOCHARGER COMPRESSOR BYPASS VALVE Actuator Position	Desired ETCBPV Actuator Position
Engine Desired Turbocharger Wastegate Actuator Position	Engine Desired TURBOCHARGER Wastegate Actuator Position	Desired Turbo Wastegate Act Position
Engine ECU Temperature	ENGINE CONTROL MODULE Temperature	ECM Temp

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Electric Lift Pump for Engine Fuel Supply	Supply FUEL LIFT PUMP	Supply FL Pump
Engine Evaporative System Monitor	Engine EVAPORATIVE EMISSION System Monitor	EVAP System Monitor
Engine Exhaust Back Pressure Regulator Solenoid	Engine EXHAUST BACK PRESSURE Regulator Solenoid	EBP Regulator
Engine Exhaust Back Pressure Sensor	Engine EXHAUST BACK PRESSURE Sensor	EBP Sensor
Engine Exhaust Brake Enable Switch	Engine EXHAUST BRAKE Enable Switch	EXH BRK Switch
Engine Exhaust Brake Enable Switch Indicator	Engine EXHAUST BRAKE Enable Switch Indicator	EXH BRK Switch Indicator
Engine Exhaust Gas Oxygen Sensor Closed Loop Operation	Engine EXHAUST O2 Sensor Closed Loop Operation	EXH O2 Sensor Closed Loop Operation
Engine Exhaust Gas Oxygen Sensor Closed Loop Operation, Bank	Engine EXHAUST O2 Sensor Closed Loop Operation	EXH O2 Sensor Closed Loop Operation
Engine Exhaust Gas Oxygen Sensor Fueling Correction	Engine EXHAUST O2 Sensor Fueling Correction	EXH O2 Sensor Fueling Correction
Engine Exhaust Gas Port Difference from Average Temperature	Engine EXHAUST GAS PORT Difference from Average Temperature	EXH PORT Diff from AvgTemp
Engine Exhaust Gas Port Temperature	Engine EXHAUST GAS PORT Temperature	EXH PORT Temp
Engine Exhaust Gas Pressure	Engine EXHAUST GAS PRESSURE	Exh Press
Engine Exhaust Gas Recirculation (EGR) Cooler Efficiency	Engine EXHAUST GAS RECIRCULATION COOLER Efficiency	EGR Cooler Effic
Engine Exhaust Gas Recirculation (EGR) Cooler Intake Gas Absolute Pressure	Engine EXHAUST GAS RECIRCULATION COOLER Intake Gas Absolute Pressure	EGR Cooler In Abs Press
Engine Exhaust Gas Recirculation (EGR) Cooler Intake Temperature	Engine EXHAUST GAS RECIRCULATION COOLER Intake Temperature	EGR Cooler In Temp
Engine Exhaust Gas Recirculation (EGR) Mass Flow Rate	Engine EXHAUST GAS RECIRCULATION Mass Flow Rate	EGR Mass Flow
Engine Exhaust Gas Recirculation (EGR) Valve Control	Engine EXHAUST GAS RECIRCULATION VALVE Control	EGR Valve Control
Engine Exhaust Gas Recirculation Actuator Desired Position	Engine EXHAUST GAS RECIRCULATION Actuator Desired Position	EGR Act Des Pos
Engine Exhaust Gas Recirculation Actuator Operation Status	Engine EXHAUST GAS RECIRCULATION Actuator Operation Status	EGR Act Operation Status
Engine Exhaust Gas Recirculation Actuator Temperature	Engine EXHAUST GAS RECIRCULATION Actuator Temperature	EGR Act Temp
Engine Exhaust Gas Recirculation Actuator Temperature Status	Engine EXHAUST GAS RECIRCULATION Actuator Temperature Status	EGR Act Temp Status
Engine Exhaust Gas Recirculation Differential Pressure	Engine EXHAUST GAS RECIRCULATION Differential Pressure	EGR Diff Pres
Engine Exhaust Gas Recirculation Intake Absolute Pressure	Engine EXHAUST GAS RECIRCULATION Intake Absolute Pressure	EGR In Absolute Pres
Engine Exhaust Gas Recirculation Intake Pressure	Engine EXHAUST GAS RECIRCULATION Intake Pressure	EGR In Pres
Engine Exhaust Gas Recirculation Mixer Intake Temperature	Engine EXHAUST GAS RECIRCULATION MIXER Intake Temperature	EGR Mixer In Temp

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Exhaust Gas Recirculation Outlet Absolute Pressure	Engine EXHAUST GAS RECIRCULATION Outlet Absolute Pressure	EGR Outlet Absolute Pres
Engine Exhaust Gas Recirculation Outlet Absolute Pressure (High Resolution)	Engine EXHAUST GAS RECIRCULATION Outlet Absolute Pressure	EGR Outlet Absolute Pres
Engine Exhaust Gas Recirculation Outlet Pressure	Engine EXHAUST GAS RECIRCULATION Outlet Pressure	EGR Outlet Pres
Engine Exhaust Gas Recirculation Temperature	Engine EXHAUST GAS RECIRCULATION Temperature	EGR Temp
Engine Exhaust Gas Recirculation Valve Position	Engine EXHAUST GAS RECIRCULATION VALVE Position	EGR Valve Position
Engine Exhaust Gas Recirculation Valve Position Error	Engine EXHAUST GAS RECIRCULATION Valve Position Error	EGR Valve Position Err
Engine Exhaust Gas Temperature	Engine EXHAUST GAS TEMPERATURE	EGT
Engine Exhaust Gas Temperature - Left Manifold	Engine EXHAUST GAS TEMPERATURE - Left Manifold	EGT LM
Engine Exhaust Gas Temperature - Right Manifold	Engine EXHAUST GAS TEMPERATURE - Right Manifold	EGT RM
Engine Exhaust Manifold Bank Flow Balance Valve	Engine EXHAUST MANIFOLD BANK FLOW BALANCE VALVE	Exhaust Manifold Flow Balance Valve
Engine Exhaust Manifold Bank Flow Balance Valve Actuator Control	Engine EXHAUST MANIFOLD BANK FLOW BALANCE VALVE Actuator Control	Exhaust Manifold Flow Balance Valve Actuator
Engine Exhaust Manifold Bank Flow Balance Valve Actuator Position	Engine EXHAUST MANIFOLD BANK FLOW BALANCE VALVE Actuator Position	Exhaust Manifold Flow Balance Valve Actuator Position
Engine Exhaust Pressure Regulator Vent Valve Control	Engine EXHAUST BACK PRESSURE REGULATOR Vent Valve Control	EBPR Vent Valve Ctrl
Engine Exhaust Pressure Regulator Vent Valve Position	Engine EXHAUST BACK PRESSURE REGULATOR Vent Valve Position	EBPR Vent Valve Position
Engine Exhaust Temperature Bank Imbalance	Engine EXHAUST GAS TEMPERATURE Bank Imbalance	EGT Bank Imbalance
Engine Exhaust Valve Actuation System Oil Temperature	Engine EXHAUST VALVE Actuation System Oil Temperature	EXH VALVE Actuation Oil Temp
Engine Extended Crankcase Blow-by Pressure	Engine CRANKCASE PRESSURE	CCP
Engine Extended Range Engine Coolant Pressure	Engine COOLANT PRESSURE	ECP
Engine Extended Range Engine Oil Pressure	ENGINE OIL PRESSURE	EOP
Engine Extended Range Fuel Pressure	FUEL PRESSURE	FUEL PRESSURE
Engine Extended Range Requested Speed Control Range Upper Limit (Engine configuration)	Requested ENGINE SPEED Control Range Upper Limit	Req RPM Upper Limit
Engine External Fuel Command Input	Engine External FUEL COMMAND Input	External Fuel Command
Engine External Speed Command Input	External ENGINE SPEED Command	External RPM Command
Engine Fan Clutch Output Device Driver	Engine FAN CLUTCH Output Driver	FAN CLUTCH Output
Engine Friction Percent Torque At Idle, Point 1	Engine Friction Percent TORQUE At Idle, Point 1	EFPT Point 1
Engine Friction Percent Torque At Idle, Point 2	Engine Friction Percent TORQUE, Point 2	EFPT Point 2

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Friction Percent Torque At Idle, Point 3	Engine Friction Percent TORQUE, Point 3	EFPT Point 3
Engine Friction Percent Torque At Idle, Point 4	Engine Friction Percent TORQUE, Point 4	EFPT Point 4
Engine Friction Percent Torque At Idle, Point 5	Engine Friction Percent TORQUE, Point 5	EFPT Point 5
Engine Friction Percent Torque At Idle, Point 6	Engine Friction Percent TORQUE, Point 6	EFPT Point 6
Engine Friction Percent Torque At Idle, Point 7	Engine Friction Percent TORQUE, Point 7	EFPT Point 7
Engine Fuel Actuator	Engine FUEL ACTUATOR	Eng Fuel Actuator
Engine Fuel Actuator Control Command	Engine FUEL ACTUATOR Control Command	Eng Fuel Actuator Ctrl Cmd
Engine Fuel Control Control Mode	Engine FUEL CONTROL Mode	Eng Fuel Ctrl Mode
Engine Fuel Delivery Pressure	Engine FUEL DELIVERY Pressure	Fuel Delivery Press
Engine Fuel Delivery Pressure (Absolute)	Engine FUEL DELIVERY Pressure (Absolute)	Eng FD Press (Abs)
Engine Fuel Filter (Suction Side) Differential Pressure	Engine FUEL FILTER (Suction Side) Differential Pressure	Eng Fuel Filter (Suction Side) Diff Press
Engine Fuel Filter (Suction Side) Intake Absolute Pressure	Engine FUEL FILTER (Suction Side) Intake Absolute Pressure	Eng Fuel Filter (Suction Side) In Abs Press
Engine Fuel Filter Differential Pressure	Engine FUEL FILTER Differential Pressure	Eng Fuel Filter Diff Press
Engine Fuel Flow Rate	Engine FUEL FLOW Rate	Eng Fuel Flow Rate
Engine Fuel Injection Pressure Error for Multiple Cylinders	Engine FUEL INJECTION Pressure Error for Multiple Cylinders	Eng FI Press Err for Multiple Cylinders
Engine Fuel Injection Pump Controller	Engine FUEL INJECTION Pump Controller	Eng FI Pump Controller
Engine Fuel Injection Pump Fuel Control Valve	Engine FUEL INJECTION Pump Fuel Control Valve	Eng FI Pump Fuel Control Valve
Engine Fuel Injection Pump Speed/Position Sensor	Engine FUEL INJECTION Pump Speed/Position Sensor	Eng FI Pump Speed/Position Sensor
Engine Fuel Injection Quantity Error for Multiple Cylinders	Engine FUEL INJECTION Quantity Error for Multiple Cylinders	Eng FI Quantity Err for Multiple Cylinders
Engine Fuel Injection Timing Error for Multiple Cylinders	Engine FUEL INJECTION Timing Error for Multiple Cylinders	Eng FI Timing Err for Multiple Cylinders
Engine Fuel Mass Flow Rate	Engine FUEL MASS FLOW RATE	Eng Mass Flow Rate
Engine Fuel Pump Pressurizing Assembly	Engine FUEL PUMP Pressurizing Assembly	Eng Fuel Pump Pressurizing Assembly
Engine Fuel Rate	Engine FUEL RATE	Eng Fuel Rate
Engine Fuel Shutoff Control	Engine FUEL SHUTOFF CONTROL	Eng Fuel Shutoff Ctrl
Engine Fuel Shutoff Vent Control	Engine FUEL SHUTOFF Vent Control	Eng Fuel Shutoff Vent Ctrl
Engine Fuel Specific Gravity	Engine FUEL Specific Gravity	Eng Fuel Specific Gravity
Engine Fuel Supply Pump Intake Pressure	Engine FUEL SUPPLY PUMP Intake Pressure	Eng Fuel Supply Pump In Press
Engine Fuel System Monitor	Engine FUEL SYSTEM Monitor	Eng Fuel Sys Monitor
Engine Fuel Temperature	Engine FUEL Temperature	Eng Fuel Temp
Engine Fuel Valve Differential Pressure	Engine FUEL VALVE Differential Pressure	Eng Fuel Valve Diff Press
Engine Fuel Valve Intake Absolute Pressure	Engine FUEL VALVE Intake Absolute Pressure	Eng Fuel Valve In Abs Press

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Fuel Valve Operation Status	Engine FUEL VALVE Operation Status	Eng Fuel Valve Op Status
Engine Fuel Valve Outlet Absolute Pressure	Engine FUEL VALVE Outlet Pressure	Eng Fuel Valve Out Press
Engine Fuel Valve Position	Engine FUEL VALVE Position	Eng Fuel Valve Position
Engine Fuel Valve Temperature	Engine FUEL VALVE Temperature	Eng Fuel Valve Temp
Engine Fuel Valve Temperature Status	Engine FUEL VALVE Temperature Status	Eng Fuel Valve Temp Status
Engine Fueling Inhibit Allowed	Engine FUELING Inhibit Allowed	Eng Fuel Inhibit Allowed
Engine Fueling Inhibit Prevented Reason	Engine FUELING Inhibit Prevented Reason	Eng Fuel Inhibit Prevented Reason
Engine Gain (Kp) Of The Endspped Governor (Engine Configuration)	Engine GAIN (Kp) Of The Endspped Governor (Engine Configuration)	Eng Gain of the Endspped Gov
Engine Gas Mass Flow Rate	Engine GAS MASS FLOW RATE	Eng Gas Mass Flow Rate
Engine Gas Mass Flow Sensor Fueling Correction	Engine GAS MASS FLOW RATE Sensor Fueling Correction	Eng Gas Mass Flow Rate Sensor Fuel Correction
Engine Gas Metering Valve	ENGINE GAS METERING VALVE	Eng Gas Metering Valve
Engine Gaseous Fuel Correction Factor	Engine Gaseous FUEL Correction Factor	Eng Gaseous Fuel Correction Factor
Engine Gaseous Fuel Shutoff Valve - High Pressure	Engine Gaseous FUEL SHUTOFF Valve - High Pressure	Eng Gaseous Fuel Shutoff Valve - HP
Engine Gaseous Fuel Shutoff Valve - Low Pressure	Engine Gaseous FUEL SHUTOFF Valve - Low Pressure	Eng Gaseous Fuel Shutoff Valve - LP
Engine Glow Plug	Engine GLOW PLUG	Glow Plug
Engine Glow Plug Lamp	Engine GLOW PLUG Lamp	Glow Plug Lamp
Engine Glow Plug Relay	Engine GLOW PLUG Relay	Glow Plug Relay
Engine Governor Droop	Engine GOVERNOR Droop	Governor Droop
Engine High Resolution Crankcase Pressure	Engine High Resolution CRANKCASE Pressure	Hi Res Crankcase Press
Engine Hydraulic Pressure Governor Mode Indicator	Engine HYDRAULIC PRESSURE GOVERNOR Mode Indicator	Eng Hydraulic Pressure Governor Mode Indicator
Engine Hydraulic Pressure Governor Switch	Engine HYDRAULIC PRESSURE GOVERNOR Switch	Eng Hydraulic Pressure Governor Switch
Engine Idle Decrement Switch	Engine IDLE DECREMENT SWITCH	Idle Dec Switch
Engine Idle Fuel Quantity	Engine Idle FUEL Quantity	Idle Fuel Quantity
Engine Idle Increment Switch	Engine IDLE INCREMENT SWITCH	Idle Inc Switch
Engine Ignition Coil	Engine IGNITION COIL	Ign Coil
Engine Ignition Control Mode Signal	Engine IGNITION CONTROL Mode Signal	IC Mode Signal
Engine Ignition Control Module	Engine IGNITION CONTROL Module	IC Module
Engine Ignition Control Timing Signal	Engine IGNITION CONTROL Timing Signal	IC Timing Signal
Engine Ignition System	Engine IGNITION CONTROL	IC
Engine Injection Control Pressure	Engine INJECTION CONTROL Pressure	Inj Ctrl Press
Engine Injection Control Pressure Regulator	Engine INJECTION CONTROL Pressure Regulator	Inj Ctrl Press Regulator
Engine Injector Cylinder	Engine INJECTOR CYLINDER	Inj Cyl
Engine Injector Cylinder Actuator	Engine INJECTOR CYLINDER Actuator	Inj Cyl Actuator
Engine Injector Group	Engine INJECTOR Group	Inj Group
Engine Injector Metering Rail Pressure	Engine INJECTOR Metering Rail Pressure	Inj Metering Rail Press

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Injector Needle Lift Sensor	Engine INJECTOR NEEDLE LIFT Sensor	Inj Needle Lift Sensor
Engine Injector Timing Rail Pressure	Engine INJECTOR Timing Rail Pressure	Inj Timing Rail Press
Engine Instantaneous Fuel Economy	Engine Instantaneous FUEL ECONOMY	Instantaneous Fuel Economy
Engine Instantaneous Fuel Economy (Gaseous)	Engine Instantaneous FUEL ECONOMY (Gaseous)	Instantaneous Fuel Economy (Gaseous)
Engine Intake Air Heater Driver	Engine INTAKE AIR HEATER Driver	IA Htr Driver
Engine Intake Air Mass Flow Rate	Engine INTAKE AIR Mass Flow Rate	IA Mass Flow Rate
Engine Intake Air Precleaner	Engine INTAKE AIR Precleaner	IA Precleaner
Engine Intake Manifold Absolute Pressure	Engine INTAKE MANIFOLD Absolute PRESSURE	IMP
Engine Intake Manifold Absolute Pressure (High Resolution)	Engine INTAKE MANIFOLD Absolute PRESSURE (High Resolution)	IMP (Hi Res)
Engine Intake Manifold Air Temperature (High Resolution)	Engine INTAKE MANIFOLD AIR TEMPERATURE (High Resolution)	IMAT (Hi Res)
Engine Intake Manifold Pressure	Engine INTAKE MANIFOLD PRESSURE	IMP
Engine Intake Manifold Pressure Bank Imbalance	Engine INTAKE MANIFOLD PRESSURE Bank Imbalance	IMP Bank Imbalance
Engine Intake Manifold Pressure Control Mode	Engine INTAKE MANIFOLD PRESSURE Control Mode	IMP Ctrl Mode
Engine Intake Manifold Pressure System Monitor	Engine INTAKE MANIFOLD PRESSURE System Monitor	IMP Sys Mon
Engine Intake Manifold Temperature	Engine INTAKE MANIFOLD AIR TEMPERATURE	IMAT
Engine Intake Valve Actuation Oil Pressure for Cylinder	Engine INTAKE VALVE ACTUATION Oil Pressure for Cylinder	Intake Valve Actuation Oil Pressure for Cylinder
Engine Intake Valve Actuation System Oil Pressure Control Valve	Engine INTAKE VALVE ACTUATION System Oil Pressure Control Valve	Intake Valve Actuation System Oil Pressure Control Valve
Engine Intake Valve Actuation System Oil Temperature	Engine INTAKE VALVE ACTUATION System Oil Temperature	Intake Valve Actuation System Oil Temp
Engine Intake Valve Actuator	Engine INTAKE VALVE Actuator	Intake Valve Actuator
Engine Intercooler Coolant Level	ENGINE CHARGE AIR COOLER Coolant Level	CAC Coolant Level
Engine Intercooler Temperature	ENGINE CHARGE AIR COOLER Temperature	CAC Temperature
Engine Intercooler Thermostat Opening	ENGINE CHARGE AIR COOLER Thermostat Opening	CHARGE AIR COOLER Thermostat Opening
Engine Knock Sensor	Engine KNOCK SENSOR	KS
Engine Misfire Cylinder	ENGINE MISFIRE Cylinder	Misfire Cylinder
Engine Misfire for Multiple Cylinders	ENGINE MISFIRE for Multiple Cylinders	Misfire for Multiple Cylinders
Engine Misfire Monitor	ENGINE MISFIRE Monitor	Misfire Monitor
Engine Mixer Intake Relative Humidity	Engine MIXER Intake Relative Humidity	Mixer Intake Relative Humidity
Engine Modification	ENGINE MODIFICATION	EM
Engine Momentary Overspeed Enable	Momentary ENGINE OVERSPEED Enable	MEO
Engine Multiple Cylinder Spark Voltage	Engine Multiple CYLINDER Spark Voltage	Multiple Cylinder Spark Voltage
Engine Net Brake Torque	Engine NET BRAKE TORQUE	Net Brake Trq
Engine OBD Warm-up Sequence	Engine OBD Warm-up Sequence	Eng OBD WU Seq



TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Oil Filter Differential Pressure	ENGINE OIL Filter Differential PRESSURE	Eng Oil Filter Diff Press
Engine Oil Level	ENGINE OIL LEVEL	EOL
Engine Oil Pressure	ENGINE OIL PRESSURE	EOP
Engine Oil Pressure in Piston Cooling Gallery	ENGINE OIL PRESSURE in Piston Cooling Gallery	Eng Oil Press in Piston Cooling Gallery
Engine Oil Pressure Sensor	ENGINE OIL PRESSURE Sensor	EOP Sensor
Engine Oil Temperature	ENGINE OIL TEMPERATURE	EOT
Engine Oil Temperature Sensor	ENGINE OIL TEMPERATURE Sensor	EOT Sensor
Engine Oil Thermal Management System	ENGINE OIL THERMAL MANAGEMENT SYSTEM	EOTM System
Engine Oil Thermostat Bypass Valve Opening	ENGINE OIL THERMOSTAT Bypass Valve Opening	Engine Oil Thermostat Bypass Valve Opening
Engine Oil to Coolant Differential Temperature	ENGINE OIL TO COOLANT DIFFERENTIAL TEMPERATURE	Eng Oil to Coolant Diff Temp
Engine Overcooled	ENGINE OVERCOOLED	ENG OVERCOOLED
Engine Oxygen Sensor Heated	Engine OXYGEN SENSOR Heated	Eng O2 Sensor Heated
Engine Percent Load At Current Speed	Engine PERCENT LOAD At Current Speed	Pct Ld At Crnt Spd
Engine Percent Torque At Idle, Point 1 (Engine Configuration)	Engine Percent TORQUE At Idle, Point 1 (Engine Configuration)	Eng Percent Trq At Idle, Point 1
Engine Percent Torque At Point 2 (Engine Configuration)	Engine Percent TORQUE At Point 2 (Engine Configuration)	Eng Percent Trq At Point 2
Engine Percent Torque At Point 3 (Engine Configuration)	Engine Percent TORQUE At Point 3 (Engine Configuration)	Eng Percent Trq At Point 3
Engine Percent Torque At Point 4 (Engine Configuration)	Engine Percent TORQUE At Point 4 (Engine Configuration)	Eng Percent Trq At Point 4
Engine Percent Torque At Point 5 (Engine Configuration)	Engine Percent TORQUE At Point 5 (Engine Configuration)	Eng Percent Trq At Point 5
Engine Piston Cooling Oil Pressure Sensor	ENGINE PISTON COOLING OIL PRESSURE SENSOR	EPCOP Sensor
Engine Piston Cooling Oil Supply Valve Opening	Commanded ENGINE PISTON COOLING OIL SUPPLY VALVE POSITION	Engine Piston Cooling Oil Supply Valve Position
Engine Position Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
Engine Position Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
Engine Position Sensor	ENGINE POSITION Sensor	ENG POS Sensor
Engine Positive Crankcase Ventilation System Monitor	Engine POSITIVE CRANKCASE VENTILATION System Monitor	PCV System Monitor
Engine Protection Torque Derate	ENGINE PROTECTION TORQUE DERATE	Eng Protection Trq Derate
Engine PTO Governor Accelerate Switch	Engine PTO Governor Accelerate Switch	PTO Accel Sw
Engine PTO Governor Coast/Decelerate Switch	Engine PTO Governor Coast/Decelerate Switch	PTO Decel Sw
Engine PTO Governor Enable Switch	Engine PTO Governor Enable Switch	PTO En Sw
Engine PTO Governor Resume Switch	Engine PTO Governor Resume Switch	PTO Resume Sw
Engine PTO Governor Set Switch	Engine PTO Governor Set Switch	PTO Set Sw
Engine Reference Torque (Engine Configuration)	ENGINE REFERENCE TORQUE (Engine Configuration)	Eng Ref Trq (Eng Config)



TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Remote PTO Governor Preprogrammed Speed Control Switch	Engine Remote PTO Governor Preprogrammed Speed Control Switch	Rmt PTO Preprogrammed Spd Ctrl Sw
Engine Remote PTO Governor Variable Speed Control Switch	Engine Remote PTO Governor Variable Speed Control Switch	Rmt PTO Variable Spd Ctrl Sw
Engine Requested Fuel Valve Position	Commanded Engine FUEL VALVE Position	Commanded Fuel Valve Position
Engine Requested Speed Control Range Lower Limit (Engine Configuration)	ENGINE Requested SPEED Control Range Lower Limit (Engine Configuration)	Eng Requested Spd Ctrl Range Lower Lmt (Eng Config)
Engine Requested Speed Control Range Upper Limit (Engine Configuration)	ENGINE Requested SPEED Control Range Upper Limit (Engine Configuration)	Eng Requested Spd Ctrl Range Lower Lmt (Eng Config)
Engine Requested Torque Control Range Lower Limit (Engine Configuration)	ENGINE Requested TORQUE Control Range Lower Limit (Engine Configuration)	Eng Requested Trq Ctrl Range Lower Lmt (Eng Config)
Engine Requested Torque Control Range Upper Limit (Engine Configuration)	ENGINE Requested TORQUE Control Range Upper Limit (Engine Configuration)	Eng Requested Trq Ctrl Range Upper Lmt (Eng Config)
Engine Secondary Air System Monitor	Engine SECONDARY AIR INJECTION System Monitor	Secondary Air System Monitor
Engine Shutdown Override Switch	ENGINE SHUTDOWN Override Switch	Eng Shutdown Override Sw
Engine Speed	ENGINE SPEED	RPM
Engine Speed At High Idle, Point 6 (Engine Configuration)	ENGINE SPEED At High Idle, Point 6 (Engine Configuration)	Eng RPM At High Idle, Point 6 (Eng Config)
Engine Speed At Idle, Point 1 (Engine Configuration)	ENGINE SPEED At Idle, Point 1 (Engine Configuration)	Eng RPM At Idle, Point 1 (Eng Config)
Engine Speed At Point 2 (Engine Configuration)	ENGINE SPEED At Point 2 (Engine Configuration)	Eng RPM At Point 2 (Eng Config)
Engine Speed At Point 3 (Engine Configuration)	ENGINE SPEED At Point 3 (Engine Configuration)	Eng RPM At Point 3 (Eng Config)
Engine Speed At Point 4 (Engine Configuration)	ENGINE SPEED At Point 4 (Engine Configuration)	Eng RPM At Point 4 (Eng Config)
Engine Speed At Point 5 (Engine Configuration)	ENGINE SPEED At Point 5 (Engine Configuration)	Eng RPM At Point 5 (Eng Config)
Engine Speed Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
Engine Speed Sensor Timing Pattern Status	ENGINE SPEED Sensor Timing Pattern Status	Eng RPM Sensor Timing Pattern Status
Engine Start Enable Device	Engine START ENABLE DEVICE	Eng Start En Device
Engine Starter Motor Relay	Engine STARTER MOTOR RELAY	Eng Starter Motor Relay
Engine Tachometer Signal Output	Engine TACHOMETER Signal Output	TACH Signal Out
Engine Test Mode Switch	Engine TEST MODE SWITCH	Eng Test Mode Sw
Engine Throttle Actuator	Engine THROTTLE ACTUATOR	Eng Throttle Actuator
Engine Throttle Actuator Control Command	Engine THROTTLE ACTUATOR Control Command	Eng Throttle Actuator Ctrl Cmd
Engine Throttle Valve Differential Pressure	Engine THROTTLE VALVE Differential Pressure	Eng Throttle Valve Diff Press
Engine Throttle Valve Operation Status	Engine THROTTLE VALVE Operation Status	Eng Throttle Valve Op Status
Engine Throttle Valve Position	Engine THROTTLE VALVE Position	Eng Throttle Valve Position
Engine Throttle Valve Temperature	Engine THROTTLE VALVE Temperature	Eng Throttle Valve Temp
Engine Throttle Valve Temperature Status	Engine THROTTLE VALVE Temperature Status	Eng Throttle Valve Temp Status

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Timing Sensor	ENGINE TIMING Sensor	Eng Timing Sensor
Engine Torque Curve Selection	Engine TORQUE CURVE Selection	Eng Trq Curve Selection
Engine Turbocharger Boost Pressure	Engine TURBOCHARGER Boost Pressure	Eng TC Boost Press
Engine Turbocharger Calculated Turbine Intake Temperature	Engine TURBOCHARGER Calculated Turbine Intake Temperature	Eng TC Calculated Turbine In Temp
Engine Turbocharger Calculated Turbine Outlet Temperature	Engine TURBOCHARGER Calculated Turbine Outlet Temperature	Eng TC Calculated Turbine Out Temp
Engine Turbocharger Compressor Bypass Actuator	Engine TURBOCHARGER Compressor Bypass Actuator	Eng TC Compressor Bypass Actuator
Engine Turbocharger Compressor Bypass Actuator Command	Commanded Engine TURBOCHARGER Compressor Bypass Actuator Position	Commanded Eng TC Compressor Bypass Actuator Position
Engine Turbocharger Compressor Bypass Actuator Operation Status	Engine TURBOCHARGER Compressor Bypass Actuator Operation Status	Eng TC Compressor Bypass Actuator Op Status
Engine Turbocharger Compressor Bypass Actuator Position	Engine TURBOCHARGER Compressor Bypass Actuator Position	Eng TC Compressor Bypass Actuator Position
Engine Turbocharger Compressor Bypass Actuator Position	Engine TURBOCHARGER Compressor Bypass Actuator Position	Eng TC Compressor Bypass Actuator Position
Engine Turbocharger Compressor Bypass Actuator Temperature Status	Engine TURBOCHARGER Compressor Bypass Actuator Temperature Status	Eng TC Compressor Bypass Actuator Temp Status
Engine Turbocharger Compressor Bypass Valve	Engine TURBOCHARGER Compressor Bypass Valve	Eng TC Compressor Bypass Valve
Engine Turbocharger Compressor Intake Differential Pressure	Engine TURBOCHARGER Compressor Intake Differential Pressure	Eng TC Compressor In Differential Press
Engine Turbocharger Compressor Intake Pressure	Engine TURBOCHARGER Compressor Intake Pressure	Eng TC Compressor In Press
Engine Turbocharger Compressor Intake Temperature	Engine TURBOCHARGER Compressor Intake Temperature	Eng TC Compressor In Temp
Engine Turbocharger Compressor Outlet Temperature	Engine TURBOCHARGER Compressor Outlet Temperature	Eng TC Compressor Outlet Temp
Engine Turbocharger Oil Temperature	Engine TURBOCHARGER Oil Temperature	Eng TC Oil Temp
Engine Turbocharger Secondary Intake Pressure	Engine TURBOCHARGER Secondary Intake Pressure	Eng TC Secondary In Press
Engine Turbocharger Speed	Engine TURBOCHARGER Speed	Eng TC Spd
Engine Turbocharger Turbine Bypass Actuator	Engine TURBOCHARGER Turbine Bypass Actuator	Eng TC Turbine Bypass Actuator
Engine Turbocharger Turbine Intake Temperature	Engine TURBOCHARGER Turbine Intake Temperature	Eng TC Turbine In Temp
Engine Turbocharger Turbine Outlet Temperature	Engine TURBOCHARGER Turbine Outlet Temperature	Eng TC Turbine Outlet Temp
Engine Turbocharger Variable Geometry Actuator	Engine TURBOCHARGER Variable Geometry Actuator	Eng TC Variable Geometry Actuator
Engine Turbocharger Wastegate Actuator	Engine TURBOCHARGER Wastegate Actuator	Eng TC Wastegate Actuator
Engine Turbocharger Wastegate Actuator Command	Commanded Engine TURBOCHARGER Wastegate Actuator Position	Commanded Eng TC Wastegate Actuator Position
Engine Turbocharger Wastegate Actuator Control Air Pressure	Engine TURBOCHARGER Wastegate Actuator Control Air Pressure	Eng TC Wastegate Actuator Ctrl Air Press

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Engine Turbocharger Wastegate Actuator Operation Status	Engine TURBOCHARGER Wastegate Actuator Operation Status	Eng TC Wastegate Actuator Op Status
Engine Turbocharger Wastegate Actuator Position	Engine TURBOCHARGER Wastegate Actuator Position	Eng TC Wastegate Actuator Position
Engine Turbocharger Wastegate Actuator Temperature	Engine TURBOCHARGER Wastegate Actuator Temperature	Eng TC Wastegate Actuator Temp
Engine Turbocharger Wastegate Actuator Temperature Status	Engine TURBOCHARGER Wastegate Actuator Temperature Status	Eng TC Wastegate Actuator Temp Status
Engine Turbocharger Wastegate Drive	Engine TURBOCHARGER Wastegate Drive	Eng TC Wastegate Drive
Engine Turbocharger Wastegate Valve Position	Engine TURBOCHARGER Wastegate Valve Position	Eng TC Wastegate Valve Position
Engine Variable Geometry Turbocharger (VGT) Actuator Position	Engine Variable Geometry TURBOCHARGER (VGT) Actuator Position	Eng VGT Actuator Position
Engine Variable Geometry Turbocharger (VGT) Air Control Shutoff Valve	Engine Variable Geometry TURBOCHARGER (VGT) Air Control Shutoff Valve	Eng VGT Air Ctrl Shutoff Valve
Engine Variable Geometry Turbocharger (VGT) Nozzle Position	Engine Variable Geometry TURBOCHARGER (VGT) Nozzle Position	Eng VGT Nozzle Position
Engine Variable Geometry Turbocharger Actuator	Engine Variable Geometry TURBOCHARGER Actuator	Eng VGT Actuator
Engine Variable Geometry Turbocharger Actuator Temperature	Engine Variable Geometry TURBOCHARGER Actuator Temperature	Eng VGT Actuator Temp
Engine Variable Geometry Turbocharger Control Mode	Engine Variable Geometry TURBOCHARGER Control Mode	Eng VGT Control Mode
Engine Wait to Start Lamp	ENGINE WAIT TO START LAMP	WSL
Engine Warning Lamp	PROTECT LAMP	PL
Engine Warning Lamp	RED STOP LAMP	RSL
EOS (Exhaust Oxygen Sensor)	OXYGEN SENSOR	O2S
EPROM (Erasable Programmable Read Only Memory)	ERASABLE PROGRAMMABLE READ ONLY MEMORY	EPROM
Erasable Programmable Read Only Memory	ERASABLE PROGRAMMABLE READ ONLY MEMORY	EPROM
ESA (Electronic Spark Advance)	Engine IGNITION CONTROL	IC
ESAC (Electronic Spark Advance Control)	DISTRIBUTOR IGNITION	DI
EST (Electronic Spark Advance)	Engine IGNITION CONTROL	IC
Estimated Engine Parasitic Losses - Percent Torque	Estimated Engine Parasitic Losses - Percent TORQUE	EEPLPT
Estimated Percent Fan Speed	Estimated Percent FAN SPEED	Est % Fan Spd
Ether Hold Control	ETHER HOLD CONTROL	Ether Hold Control
Ether Start Control	ETHER START CONTROL	Ether Start Control
EVAP (Evaporative Emission)	EVAPORATIVE EMISSION	EVAP
EVAP (Evaporative Emission) Canister	EVAPORATIVE EMISSION Canister Purge	EVAP Canister Purge
EVAP (Evaporative Emission) CANP (Canister Purge)	EVAPORATIVE EMISSION Canister	EVAP Canister
EVAP (Evaporative Emission) Purge Valve	EVAPORATIVE EMISSION	EVAP
Evaporative Emission	EVAPORATIVE EMISSION	EVAP

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Evaporative Emission Canister	EVAPORATIVE EMISSION Canister	EVAP Canister
EVP (Exhaust Gas Recirculation Valve Position) Sensor	Engine EXHAUST GAS RECIRCULATION Valve Position Sensor	EGR Valve Position Sensor
EVR (Exhaust Gas Recirculation Vacuum Regulator) Solenoid	Engine EXHAUST GAS RECIRCULATION Vacuum Regulator Solenoid	EGR Vacuum Regulator Solenoid
EVRV (Exhaust Gas Recirculation Vacuum Regulator Valve)	Engine EXHAUST GAS RECIRCULATION Vacuum Regulator Valve	EGR Vacuum Regulator Valve
Exhaust Back Pressure	EXHAUST BACK PRESSURE	EBP
Exhaust Back Pressure Actuator Desired Position	EXHAUST BACK PRESSURE Actuator Desired Position	EBP Act Des Pos
Exhaust Back Pressure Actuator Temperature	EXHAUST BACK PRESSURE Actuator Temperature	EBP Act Temp
Exhaust Back Pressure Regulator	Engine EXHAUST BACK PRESSURE REGULATOR	EBPR
Exhaust Back Pressure Regulator Solenoid	Engine EXHAUST BACK PRESSURE REGULATOR Solenoid	EBPR Solenoid
Exhaust Back Pressure Regulator Solenoid	EXHAUST BACK PRESSURE REGULATOR Solenoid	EBPR Solenoid
Exhaust Back Pressure Regulator Valve	Engine EXHAUST BACK PRESSURE REGULATOR Valve	EBPR Valve
Exhaust Back Pressure Sensor	EXHAUST BACK PRESSURE Sensor	EBP Sensor
Exhaust Emission Controller ECU Temperature	EXHAUST EMISSION CONTROLLER ECU Temperature	Exh Emission Controller ECU Temp
Exhaust Gas Recirculation	Engine EXHAUST GAS RECIRCULATION	EGR
Exhaust Gas Recirculation Catalyst Performance Monitor	Engine EXHAUST GAS RECIRCULATION Catalyst Performance Monitor	EGR Valve Catalyst Perf Mon
Exhaust Gas Recirculation Mass Flow Rate	Engine EXHAUST GAS RECIRCULATION Mass Flow Rate	EGRMFR
Exhaust Gas Recirculation Temperature	Engine EXHAUST GAS RECIRCULATION TEMPERATURE	EGRT
Exhaust Gas Recirculation Temperature Sensor	Engine EXHAUST GAS RECIRCULATION TEMPERATURE Sensor	EGRT Sensor
Exhaust Gas Recirculation Vacuum Regulator Solenoid Valve	Engine EXHAUST GAS RECIRCULATION Vacuum Regulator Solenoid Valve	EGR Vacuum Regulator Solenoid Valve
Exhaust Gas Recirculation Vacuum Regulator Valve	Engine EXHAUST GAS RECIRCULATION Vacuum Regulator Valve	EGR Vacuum Regulator Valve
Exhaust Gas Recirculation Valve	Engine EXHAUST GAS RECIRCULATION Valve	EGR Valve
Exhaust Gas Recirculation Valve Malfunction	EXHAUST GAS RECIRCULATION Valve Malfunction	EGR Valve Malfunction
Exhaust Gas Recirculation Temperature	Engine EXHAUST GAS RECIRCULATION TEMPERATURE	EGRT
Exhaust Oxygen Sensor	HEATED OXYGEN SENSOR	HO2S
Exhaust Restriction	EXHAUST BACK PRESSURE	EBP
Extended Range Barometric Pressure	Extended Range BAROMETRIC PRESSURE	Extended Range BARO
External Identification Plate	EXTERNAL IDENTIFICATION PLATE	EXTERNAL IDENTIFICATION PLATE

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Fan Clutch Output Device Drive	FAN CONTROL CIRCUIT	FCC
Fan Speed	FAN SPEED	Fan Spd
Fast Idle Thermo Valve	IDLE AIR CONTROL Thermal Valve	IAC Thermal Valve
Fault Code	DIAGNOSTIC TROUBLE CODE	DTC
FBC (Feed Back Carburetor)	CARBURETOR	CARB
FBC (Feed Back Control)	MIXTURE CONTROL	MC
Feedback Engine Fueling State	Feedback Engine FUELING State	Fdbk Eng Fuel State
FEEPROM(Flash Electrically Erasable Programmable Read Only Memory)	FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEEPROM
FEPROM (Flash Erasable Programmable Read Only Memory)	FLASH ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEPROM
FF (Flexible Fuel)	FLEXIBLE FUEL	FF
FI (Fuel Injection)	Central MULTIPORT FUEL INJECTION	Central MFI
FI (Fuel Injection)	CONTINUOUS FUEL INJECTION	CFI
FI (Fuel Injection)	DIRECT FUEL INJECTION	DFI
FI (Fuel Injection)	INDIRECT FUEL INJECTION	IFI
FI (Fuel Injection)	MULTIPORT FUEL INJECTION	MFI
FI (Fuel Injection)	SEQUENTIAL MULTIPORT FUEL INJECTION	SFI
FI (Fuel Injection)	THROTTLE BODY FUEL INJECTION	TBI
Fire Apparatus Pump Engagement	FIRE APPARATUS PUMP Engagement	Fire Apparatus Pump Engagement
Flash EEPROM (Electrically Erasable Programmable Read Only Memory)	FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEEPROM
FLASH EPROM (Erasable Programmable Read Only Memory)	FLASH ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEPROM
FLASH EPROM (Erasable Programmable Read Only Memory)	FLASH ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEPROM
Flash Malfunction Indicator Lamp	Flash MALFUNCTION INDICATOR LAMP	Flash MIL
Flexible Fuel	FLEXIBLE FUEL	FF
Flexible Fuel Percentage	FLEXIBLE FUEL Percentage	FF %
Flexible Fuel Sensor	FLEXIBLE FUEL Sensor	FF Sensor
Front PTO engagement request status	FRONT PTO engagement request status	Front PTO engagement request status
Front PTO mode request status	FRONT PTO mode request status	Front PTO mode request status
FRZF (Freeze Frame)	FREEZE FRAME	FRZF
FT (Fuel Trim)	FUEL TRIM	FT
Fuel Absolute Pressure	FUEL PRESSURE ABSOLUTE	FUEL PRESSURE ABSOLUTE
Fuel Air Ratio Control	AIR FUEL RATIO CONTROL	AFRC
Fuel Charging Station	THROTTLE BODY	TB
Fuel Concentration Sensor	FLEXIBLE FUEL Sensor	FF Sensor
Fuel Control Valve	ELECTRONIC FUEL CONTROL Valve	EFC Valve
Fuel Filter Fuel Heater Relay	Fuel Filter FUEL HEATER RELAY	Fuel Filter Fuel Htr Relay
Fuel Injection	Central MULTIPORT FUEL INJECTION	Central MFI

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Fuel Injection	CONTINUOUS FUEL INJECTION	CFI
Fuel Injection	DIRECT FUEL INJECTION	DFI
Fuel Injection	INDIRECT FUEL INJECTION	IFI
Fuel Injection	MULTIPOINT FUEL INJECTION	MFI
Fuel Injection	SEQUENTIAL MULTIPOINT FUEL INJECTION	SFI
Fuel Injection	THROTTLE BODY FUEL INJECTION	TBI
Fuel Injection Pressure	Engine INJECTION FUEL PRESSURE	IFP
Fuel Injection Pump	FUEL INJECTION Pump	FI Pump
Fuel Injector	Engine INJECTOR	INJ
Fuel Level	FUEL LEVEL	Fuel Level
Fuel Lift Pump	FUEL LIFT PUMP	FL Pump
Fuel Pressure	FUEL PRESSURE	FUEL PRESSURE
Fuel Pressure Regulator	FUEL PRESSURE Regulator	FUEL PRESSURE Regulator
Fuel Pressure Sensor	FUEL PRESSURE Sensor	FUEL PRESSURE Sensor
Fuel Pump	FUEL PUMP	FP
Fuel Pump Code	ELECTRONIC CALIBRATION CODE	ECC
Fuel Quality Sensor	FLEXIBLE FUEL Sensor	FF Sensor
Fuel Rail Pressure	RAIL FUEL PRESSURE	RFP
Fuel Regulated Temperature	SUPPLY FUEL TEMPERATURE	SFT
Fuel Regulator	FUEL PRESSURE Regulator	FUEL PRESSURE Regulator
Fuel Shutoff Valve	FUEL SHUTOFF	FS
Fuel Supply Pressure	SUPPLY FUEL PRESSURE	SFP
Fuel Supply Temperature	SUPPLY FUEL TEMPERATURE	SFT
Fuel Tank Transfer Pump	FUEL TANK TRANSFER PUMP	Fuel Tank Transfer Pump
Fuel Temperature	ENGINE FUEL TEMPERATURE	EFT
Fuel Temperature Sensor	ENGINE FUEL TEMPERATURE Sensor	EFT Sensor
Fuel Trim	FUEL TRIM	FT
Fuel Type	FUEL Type	Fuel Type
Full Range Governor	VARIABLE SPEED GOVERNOR	VSG
Full Throttle	WIDE OPEN THROTTLE	WOT
Gas Admission Valve	ELECTRONIC FUEL CONTROL Valve	EFC Valve
Gas Mass Flow Sensor	GAS MASS FLOW RATE Sensor	GMF Sensor
Gas Supply Pressure	SUPPLY FUEL PRESSURE	SFP
Global Technical Regulation Description	GLOBAL TECHNICAL REGULATION DESCRIPTION	GTR Desc
Glow Plug	GLOW PLUG	GLOW PLUG
Glow Plug Control	GLOW PLUG CONTROL	GPC
Glow Plug Lamp	ENGINE WAIT TO START LAMP	WSL
Glow Plug Relay	GLOW PLUG RELAY	GPR
Governor	GOVERNOR	GOVERNOR
Ground	GROUND	GND

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Heated Oxygen Sensor	HEATED OXYGEN SENSOR	HO2S
Heated Oxygen Sensor Power Relay Driver Control Circuit	HEATED OXYGEN SENSOR Power Relay Driver Control Circuit	HO2S
HEI (High Energy Ignition)	DISTRIBUTOR IGNITION	DI
HEOG (Heated Exhaust Gas Oxygen) Sensor	HEATED OXYGEN SENSOR	HO2S
High Idle	HIGH IDLE	HI
High Idle Governor	HIGH IDLE GOVERNOR	HIG
High Resolution Engine Fuel Rate	High Resolution Engine FUEL RATE	Hi Res Eng Fuel Rate
High Speed Idle	HIGH IDLE GOVERNOR	HIG
High Speed Limiter	HIGH IDLE GOVERNOR	HIG
HO2S (Heated Oxygen Sensor)	HEATED OXYGEN SENSOR	HO2S
HOS (Heated Oxygen Sensor)	HEATED OXYGEN SENSOR	HO2S
Hot Wire Anemometer	MASS AIR FLOW Sensor	MAF Sensor
Hybrid Battery Pack Remaining Charge	HYBRID BATTERY PACK REMAINING CHARGE	Hybrid Battery Pack Remaining Charge
Hydraulic Fan Motor Pressure	HYDRAULIC FAN MOTOR PRESSURE	Hydraulic Fan Motor Pressure
Hydraulically Actuated Electronic Unit Injector	Engine INJECTOR	INJ
Hydraulically Actuated Electronic Unit Injector	Engine INJECTOR #	INJ #
I/M (Inspection and Maintenance)	INSPECTION and MAINTENANCE	I/M
IAC (Idle Air Control)	IDLE AIR CONTROL	IAC
IAC (Idle Air Control) Valve	IDLE AIR CONTROL Valve	IAC Valve
IAC (Idle Air Control) Thermal Valve	IDLE AIR CONTROL Thermal Valve	IAC Thermal Valve
IACV (Idle Air Control Valve)	IDLE AIR CONTROL Valve	IAC Valve
IAT (Intake Air Temperature)	AMBIENT AIR TEMPERATURE	AAT
IAT (Intake Air Temperature)	INTAKE AIR TEMPERATURE	IAT
IAT (Intake Air Temperature) Sensor	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
IAT (Intake Air Temperature) Sensor	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
IATS (Intake Air Temperature Sensor)	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
IATS (Intake Air Temperature Sensor)	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
IC (Ignition Control)	Engine IGNITION CONTROL	IC
ICM (Ignition Control Module)	Engine IGNITION CONTROL MODULE	ICM
ICP (Ignition Control Pressure)	Engine INJECTION CONTROL PRESSURE	ICP
Identification Data	INTERNAL IDENTIFICATION DATA	IIDD
IDFI (Indirect Fuel Injection)	INDIRECT FUEL INJECTION	IFI
IDI ( Indirect Diesel Injection)	INDIRECT FUEL INJECTION	IFI
IDI (Integrated Direct Ignition)	ELECTRONIC IGNITION	EI
Idle	IDLE	IDLE
Idle Air Bypass Control	IDLE AIR CONTROL	IAC
Idle Air Control	IDLE AIR CONTROL	IAC
Idle Air Control Valve	IDLE AIR CONTROL Valve	IAC Valve
Idle Governor	IDLE SPEED CONTROL	ISC



TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Idle Increment Switch	Engine IDLE DECREMENT SWITCH	Idle Dec Switch
Idle Increment Switch	Engine IDLE INCREMENT SWITCH	Idle Inc Switch
Idle Management System	IDLE MANAGEMENT SYSTEM	IMS
Idle Shutdown Vehicle Accessories Relay Driver Circuit	IDLE SHUTDOWN Vehicle Accessories Relay Driver Circuit	Idle Shutdown Vehicle Accessories Relay Driver Circuit
Idle Speed Control	IDLE AIR CONTROL	IAC
Idle Speed Control	IDLE SPEED CONTROL	ISC
Idle Speed Control Actuator	IDLE SPEED CONTROL Actuator	ISC Actuator
Idle Validation Switch	IDLE VALIDATION Switch	IV Switch
IFI (Indirect Fuel Injection)	INDIRECT FUEL INJECTION	IFI
Ignition Control	Engine IGNITION CONTROL	IC
Ignition Control Module	Engine IGNITION CONTROL MODULE	ICM
Ignition Cycle Counter	Engine IGNITION CYCLE COUNTER	Ign Cycle Counter
Indirect Fuel Injection	INDIRECT FUEL INJECTION	IFI
Injection Actuation Pressure	Engine INJECTION ACTUATION PRESSURE	IAP
Injection Actuation Pressure Control Valve	Engine INJECTION ACTUATION PRESSURE Control Valve	IAP Control Valve
Injection Control Pressure	Engine INJECTION CONTROL PRESSURE	ICP
Injection Control Pressure Regulator	Engine INJECTION CONTROL PRESSURE Regulator	ICP Regulator
Injection Control Pressure Sensor	Engine INJECTION CONTROL PRESSURE Sensor	ICP Sensor
Injection Control Pressure Solenoid	Engine INJECTION CONTROL PRESSURE Solenoid	ICP Solenoid
Injection Control Pressure Valve	Engine INJECTION CONTROL PRESSURE Valve	ICP Valve
Injector	Engine INJECTOR	INJ
Injector Cylinder #	Engine INJECTOR #	INJ #
Injector Drive Module Enable	Engine INJECTOR DRIVE MODULE	IDM
Injector Metering Rail Press	Engine INJECTOR METERING RAIL PRESSURE Sensor	IMRP Sensor
Injector n solenoid	Engine INJECTOR SOLENOID #	INJ Solenoid #
Injector Plunger/Barrel	Engine INJECTOR PLUNGER/BARREL	INJ Plunger/Barrel
Injector Solenoid	Engine INJECTOR SOLENOID	INJ Solenoid
Injector Timing Rail Press	Engine INJECTOR TIMING RAIL PRESSURE Sensor	ITRP Sensor
Inlet Manifold Air Temperature	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
Inlet Manifold Air Temperature Sensor	INTAKE MANIFOLD AIR TEMPERATURE Sensor	IMAT Sensor
Inline Supercharger	SUPERCHARGER	SC
Inspection and Maintenance	INSPECTION and MAINTENANCE	I/M
INT (Integrator)	Short Term FUEL TRIM	Short Term FT
Intake Air	INTAKE AIR	IA

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Intake Air Heater	INTAKE AIR HEATER System	IAH System
Intake Air Temperature	AMBIENT AIR TEMPERATURE	AAT
Intake Air Temperature	INTAKE AIR TEMPERATURE	IAT
Intake Air Temperature Sensor	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
Intake Air Temperature Sensor	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
Intake Manifold Absolute Pressure Sensor	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
Intake Manifold Air Temperature	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
Intake Manifold Charge Combustion	INTAKE MANIFOLD CHARGE COMBUSTION	IMCC
Intake Manifold Temperature	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
Intake Valve Actuation System Oil Pressure Solenoid Control	INTAKE VALVE Actuation System Oil Pressure Solenoid Control	Intake Valve Actuation Sys Oil Press Solenoid Ctrl
Integrator	Short Term FUEL TRIM	Short Term FT
Intercooler	ENGINE CHARGE AIR COOLER	CAC
Internal Sensor Voltage Supply	INTERNAL SENSOR VOLTAGE SUPPLY	Internal Sensor Voltage Supply
ISC (Idle Speed Control)	IDLE AIR CONTROL	IAC
ISC (Idle Speed Control)	IDLE SPEED CONTROL	ISC
ISC (Idle Speed Control) Actuator	IDLE SPEED CONTROL Actuator	ISC Actuator
ISC (Idle Speed Control) Solenoid Vacuum Valve	IDLE SPEED CONTROL Solenoid Vacuum Valve	ISC Solenoid Vacuum Valve
ISC BPA (Idle Speed Control Bypass Air)	IDLE AIR CONTROL	IAC
Jacket Water Aftercooler	ENGINE CHARGE AIR COOLER	CAC
KAM (Keep Alive Memory)	Keep Alive RANDOM ACCESS MEMORY	Keep Alive RAM
KAM (Keep Alive Memory)	NONVOLATILE RANDOM ACCESS MEMORY	NVRAM
KE-Jetronic	CONTINUOUS FUEL INJECTION	CFI
KE-Motronic	CONTINUOUS FUEL INJECTION	CFI
Keyswitch Battery Potential	KEYSWITCH BATTERY POTENTIAL	Keyswitch Batt Potential
K-Jetronic	CONTINUOUS FUEL INJECTION	CFI
Knock Sensor	Engine KNOCK SENSOR	KS
KS (Knock Sensor)	Engine KNOCK SENSOR	KS
Lambda	OXYGEN SENSOR	O2S
Left Brake Pedal Position	Left BRAKE PEDAL POSITION	Left BPP
Left Fuel Level Sensor	Left FUEL LEVEL Sensor	Left Fuel Level Sensor
LH-Jetronic	MULTIPOINT FUEL INJECTION	MFI
Light Off Catalyst	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST	WU DOC
Light Off Catalyst	AFTERTREATMENT WARM UP THREE WAY CATALYST	WU TWC
Limiting Speed Governor	AUTOMOTIVE LIMITING SPEED GOVERNOR	ALSG
L-Jetronic	MULTIPOINT FUEL INJECTION	MFI
LOAD (Calculated Load Value)	CALCULATED LOAD VALUE	LOAD
Lock Up Relay	TORQUE CONVERTER CLUTCH Relay	TCC Relay
Long Term FT (Fuel Trim)	Long Term FUEL TRIM	Long Term FT

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Long-term Fuel Trim - Bank	Long-term FUEL TRIM - Bank	Long-term Fuel Trim
Low Idle	IDLE	IDLE
Low Idle Engine RPM	IDLE	IDLE
Low Idle Governor	IDLE SPEED CONTROL	ISC
Low Speed Governor	IDLE SPEED CONTROL	ISC
Low Speed Idle	IDLE SPEED CONTROL	ISC
LUS (Lock Up Solenoid) Valve	TORQUE CONVERTER CLUTCH Solenoid Valve	TCC Solenoid Valve
MAF (Mass Air Flow)	MASS AIR FLOW	MAF
MAF (Mass Air Flow) Sensor	MASS AIR FLOW Sensor	MAF Sensor
Make	MAKE	Make
Malfunction Indicator Lamp	MALFUNCTION INDICATOR LAMP	MIL
Manifold Absolute Press Sensor	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
Manifold Absolute Pressure	MANIFOLD ABSOLUTE PRESSURE	MAP
Manifold Differential Pressure	MANIFOLD DIFFERENTIAL PRESSURE	MDP
Manifold Surface Temperature	MANIFOLD SURFACE TEMPERATURE	MST
Manifold Vacuum Zone	MANIFOLD VACUUM ZONE	MVZ
Manual Lever Position Sensor	TRANSMISSION RANGE Sensor	TR Sensor
MAP (Manifold Absolute Pressure)	MANIFOLD ABSOLUTE PRESSURE	MAP
MAP (Manifold Absolute Pressure) Sensor	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
MAPS (Manifold Absolute Pressure Sensor)	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
Mass Air Flow	MASS AIR FLOW	MAF
Mass Air Flow Sensor	MASS AIR FLOW Sensor	MAF Sensor
Mass Gas Flow	MASS GAS FLOW	MGF
MAT (Manifold Air Temperature)	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
MATS (Manifold Air Temperature) Sensor	INTAKE MANIFOLD AIR TEMPERATURE Sensor	IMAT Sensor
MC (Mixture Control)	MIXTURE CONTROL	MC
MCS (Mixture Control Solenoid)	MIXTURE CONTROL Solenoid	MC Solenoid
MCU (Microprocessor Control Unit)	POWERTRAIN CONTROL MODULE	PCM
MDP (Manifold Differential Pressure)	MANIFOLD DIFFERENTIAL PRESSURE	MDP
Mechanical Unit Injector (MUI)	Engine INJECTOR	INJ
MFI (Multiport Fuel Injection)	MULTIPORT FUEL INJECTION	MFI
MIL (Malfunction Indicator Lamp)	MALFUNCTION INDICATOR LAMP	MIL
Min/Max Governor	AUTOMOTIVE LIMITING SPEED GOVERNOR	ALSG
Minutes Run by Engine While MIL Activated	Minutes Accumulated While MIL Activated	Minutes Accum While MIL Activated
Mixer Inlet Pressure	MIXER INTAKE PRESSURE	MIP
Mixture Control	MIXTURE CONTROL	MC
MLPS (Manual Lever Position Sensor)	TRANSMISSION RANGE Sensor	TR Sensor
Model	MODEL	Model
Model Year	MODEL YEAR	Model Yr

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Modes	DIAGNOSTIC TEST MODE	DTM
Mono-Jetronic	THROTTLE BODY FUEL INJECTION	TBI
Mono-Motronic	THROTTLE BODY FUEL INJECTION	TBI
Monotronic	THROTTLE BODY FUEL INJECTION	TBI
Motronic	MULTIPOINT FUEL INJECTION	MFI
Motronic-Pressure	MULTIPOINT FUEL INJECTION	MFI
MPI (Multiport Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
MPI (Multiport Injection)	MULTIPOINT FUEL INJECTION	MFI
MST (Manifold Surface Temperature)	MANIFOLD SURFACE TEMPERATURE	MST
Multiport Fuel Injection	MULTIPOINT FUEL INJECTION	MFI
MVZ (Manifold Vacuum Zone)	MANIFOLD VACUUM ZONE	MVZ
NDS (Neutral Drive Switch)	PARK/NEUTRAL POSITION Switch	PNP Switch
Net Battery Current	NET BATTERY CURRENT	Net Battery Current
Neutral Safety Switch	PARK/NEUTRAL POSITION Switch	PNP Switch
NGS (Neutral Position Switch)	PARK/NEUTRAL POSITION Switch	PNP Switch
Nominal Friction - Percent Torque	Nominal Friction - Percent TORQUE	Nominal Friction - Percent Torque
Nonvolatile Random Access Memory	NONVOLATILE RANDOM ACCESS MEMORY	NVRAM
NOx Converting Catalyst	NOX CONVERTING CATALYST	NOx Converting Catalyst
NOx limits exceeded due to Deactivation of EGR	NOX LIMITS EXCEEDED due to Deactivation of EGR	NOx limits exceeded due to Deactivation of EGR
NOx limits exceeded due to Empty Reagent Tank	NOX LIMITS EXCEEDED due to Empty Reagent Tank	NOx limits exceeded due to Empty Reagent Tank
NOx limits exceeded due to error in the NOx control system	NOX LIMITS EXCEEDED due to error in the NOx control system	NOx limits exceeded due to error in the NOx control system
NOx limits exceeded due to Incorrect EGR flow	NOX LIMITS EXCEEDED due to Incorrect EGR flow	NOx limits exceeded due to Incorrect EGR flow
NOx limits exceeded due to Insufficient Reagent Quality	NOX LIMITS EXCEEDED due to Insufficient Reagent Quality	NOx limits exceeded due to Insufficient Reagent Quality
NOx limits exceeded due to Interrupted Reagent Dosing	NOX LIMITS EXCEEDED due to Interrupted Reagent Dosing	NOx limits exceeded due to Interrupted Reagent Dosing
NOx limits exceeded due to Low Reagent Consumption	NOX LIMITS EXCEEDED due to Low Reagent Consumption	NOx limits exceeded due to Low Reagent Consumption
NOx limits exceeded, root cause unknown	NOX LIMITS EXCEEDED, root cause unknown	NOx limits exceeded, root cause unknown
NPS (Neutral Position Switch)	PARK/NEUTRAL POSITION Switch	PNP Switch
Number of Warm-Ups Since DTCs Cleared	Number of Warm-Ups Since DIAGNOSTIC TROUBLE CODEs Cleared	Num of WU Since DTCs Cleared
NVM (Nonvolatile Memory)	NONVOLATILE RANDOM ACCESS MEMORY	NVRAM
NVRAM (Non Volatile Random Access Memory)	NONVOLATILE RANDOM ACCESS MEMORY	NVRAM
O2 (Oxygen) Sensor	OXYGEN SENSOR	O2S
O2S (Oxygen Sensor)	OXYGEN SENSOR	O2S
OBD (On Board Diagnostic)	ON BOARD DIAGNOSTIC	OBD

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
OBD Monitoring Conditions Encountered	OBD Monitoring Conditions Encountered	OBD Monitoring Conditions Encountered
OBD Status	OBD Status	OBD STAT
OBD Test Results	OBD Test Results	OBD Test Results
OC (Oxidation Catalyst)	AFTERTREATMENT DIESEL OXIDATION CATALYST	DOC
OC (Oxidation Catalyst)	AFTERTREATMENT GAS OXIDATION CATALYST	GOC
OL (Open Loop)	OPEN LOOP	OL
On Board Diagnostic	ON BOARD DIAGNOSTIC	OBD
Open Loop	OPEN LOOP	OL
OS (Oxygen Sensor)	OXYGEN SENSOR	O2S
OSS (Output Shaft Speed) Sensor Driver	OUTPUT SHAFT SPEED Sensor Driver	OSS Sensor
Other ECUs Have Reported Fault Codes Affecting Operation	Other ECUs Have Reported DIAGNOSTIC TROUBLE CODEs Affecting Operation	Other ECUs Have Reported DTCs Affecting Operation
Output Shaft Speed Sensor	OUTPUT SHAFT SPEED Sensor	OSS Sensor
Overspeed Switch	ENGINE OVERSPEED Switch	EO Switch
Oxidation Catalytic Converter	OXIDATION CATALYST	OC
Oxidation Catalytic Converter*	AFTERTREATMENT DIESEL OXIDATION CATALYST	DOC
Oxidation Catalytic Converter†	AFTERTREATMENT GAS OXIDATION CATALYST	GOC
OXS (Oxygen Sensor) Indicator	SERVICE REMINDER INDICATOR	SRI
Oxygen (or Exhaust Gas) Sensor Bank Monitor	OXYGEN (or Exhaust Gas) SENSOR Bank Monitor	Oxygen (or Exh Gas) Sensor Bank Monitor
Oxygen Sensor	OXYGEN SENSOR	O2S
P- (Pressure) Sensor	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
P/N (Park/Neutral)	PARK/NEUTRAL POSITION	PNP
PAIR (Pulsed Secondary Air Injection)	PULSED SECONDARY AIR INJECTION	PAIR
Parameter Identification	PARAMETER IDENTIFICATION	PID
Park Brake Release Inhibit Request	PARKING BRAKE Release Inhibit Request	Parking Brake Release Inhibit Request
Park/Neutral Position	PARK/NEUTRAL POSITION	PNP
Parking Brake Off Actuator	PARKING BRAKE Off Actuator	Parking Brake Off Actuator
Parking Brake On Actuator	PARKING BRAKE On Actuator	Parking Brake On Actuator
Parking Brake Switch	PARKING BRAKE Switch	Parking Brake Switch
Particulate Matter	SOOT	Soot
PC (Pressure Control) Solenoid Valve	PRESSURE CONTROL Solenoid Valve	PC Solenoid Valve
PCM (Powertrain Control Module)	POWERTRAIN CONTROL MODULE	PCM
PCV (Positive Crankcase Vent)	POSITIVE CRANKCASE VENTILATION	PCV
PCV (Positive Crankcase Vent) Valve	POSITIVE CRANKCASE VENTILATION Valve	PCV Valve
Pedal Mounted Throttle Position Sensor	ACCELERATOR PEDAL Sensor	AP Sensor
Percent Alcohol Sensor	FLEXIBLE FUEL Sensor	FF Sensor

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Periodic Trap Oxidizer	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
Personality Data	ELECTRONIC CALIBRATION CODE	ECC
Personality Module	PERSONALITY MODULE	PM
PFE (Pressure Feedback Exhaust Gas Recirculation) Sensor	Feedback Pressure EXHAUST GAS RECIRCULATION Sensor	Feedback Pressure EGR Sensor
PFI (Port Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
PG (Pulse Generator)	VEHICLE SPEED SENSOR	VSS
PGM-FI (Programmed Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
PID (Parameter Identification)	PARAMETER IDENTIFICATION	PID
PIP (Position Indicator Pulse)	CRANKSHAFT POSITION	CKP
PNP (Park/Neutral Position)	PARK/NEUTRAL POSITION	PNP
Positive Crankcase Vent Valve	POSITIVE CRANKCASE VENTILATION Valve	PCV Valve
Positive Crankcase Ventilation	POSITIVE CRANKCASE VENTILATION	PCV
Positive Displacement Blower	POSITIVE DISPLACEMENT BLOWER	PDB
Power Relay	POWER RELAY	Power Relay
Powertrain Control Module	POWERTRAIN CONTROL MODULE	PCM
Powertrain Data Link	SAE J1922 DATA LINK	SAE J1922 DL
Pressure Control Solenoid Valve	PRESSURE CONTROL Solenoid Valve	PC Solenoid Valve
Pressure Feedback EGR (Exhaust Gas Recirculation) System	FEEDBACK PRESSURE EXHAUST GAS RECIRCULATION SYSTEM	Feedback Pressure EGR System
Pressure Feedback EGR (Exhaust Gas Recirculation) System	PRESSURE FEEDBACK EXHAUST GAS RECIRCULATION	Pressure Feedback EGR System
Pressure Sensor	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
Pressure Transducer EGR (Exhaust Gas Recirculation) System	PRESSURE TRANSDUCER EXHAUST GAS RECIRCULATION System	Pressure Transducer EGR System
Program Memory	PROGRAM MEMORY	Program Memory
Programmable Read Only Memory	PROGRAMMABLE READ ONLY MEMORY	PROM
PROM (Programmable Read Only Memory)	PROGRAMMABLE READ ONLY MEMORY	PROM
Proprietary Data Link	PROPRIETARY DATA LINK	Prop DL
PTO Governor State	PTO GOVERNOR STATE	PTO Governor State
PTO Oil Temperature	PTO OIL TEMPERATURE	PTOT
PTOX (Periodic Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
PTOX (Periodic Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
Pulsair	PULSED SECONDARY AIR INJECTION	PAIR
Pulse Width	PULSE WIDTH	PW
Pulse Width Modulation	PULSE WIDTH MODULATION	PWM
Pulsed Secondary Air Injection	PULSED SECONDARY AIR INJECTION	PAIR
Rack Actuator	FUEL RACK ACTUATOR	FRA
Rack Position Sensor	FUEL RACK POSITION SENSOR	FRP Sensor

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Rail Pressure	RAIL FUEL PRESSURE	RFP
Rail Pressure Governor	RAIL FUEL PRESSURE Governor	RFPG
Rail Pressure Sensor	RAIL FUEL PRESSURE Sensor	RFP Sensor
RAM (Random Access Memory)	RANDOM ACCESS MEMORY	RAM
Random Access Memory	RANDOM ACCESS MEMORY	RAM
Rated Speed	Engine RATED SPEED	RATED SPEED
Rated Speed Governor	HIGH IDLE GOVERNOR	HIG
Raw Water Aftercooled	ENGINE CHARGE AIR COOLER	CAC
Raw Water Aftercooler	ENGINE CHARGE AIR COOLER	CAC
Read Only Memory	READ ONLY MEMORY	ROM
Rear PTO Economy mode request status	REAR PTO Economy mode request status	Rear PTO Economy mode request status
Rear PTO engagement request status	REAR PTO engagement request status	Rear PTO engagement request status
Rear PTO mode request status	REAR PTO mode request status	Rear PTO mode request status
Rear PTO shaft speed limit status	REAR PTO shaft speed limit status	Rear PTO shaft speed limit status
Recirculating Exhaust Gas Temperature Sensor	Engine EXHAUST GAS RECIRCULATION TEMPERATURE Sensor	EGRT Sensor
Reed Valve	PULSED SECONDARY AIR INJECTION Valve	PAIR Valve
Reference Engine Gas Mass Flow Rate	Reference Engine GAS MASS FLOW RATE	Ref Eng Gas Mass Flow Rate
REGTS (Recirculating Exhaust Gas Temperature) Sensor	Engine EXHAUST GAS RECIRCULATION TEMPERATURE Sensor	EGRT Sensor
Relative Humidity	RELATIVE HUMIDITY	Relative Humidity
Remote Accelerator Enable Switch	REMOTE ACCELERATOR ENABLE SWITCH	Rmt AP Enable Switch
Remote Accelerator Pedal Position	REMOTE ACCELERATOR PEDAL POSITION	Rmt AP Pos
Remote mount TFI (Thick Film Ignition)	DISTRIBUTOR IGNITION	DI
Requested Percent Fan Speed	Requested Percent FAN SPEED	Req % Fan Spd
Revolutions per Minute	ENGINE SPEED	RPM
Right Brake Pedal Position	Right BRAKE PEDAL POSITION	Right BPP
Right Fuel Level Sensor	Right FUEL LEVEL Sensor	Right Fuel Level Sensor
Road Speed Governor	VEHICLE LIMITING SPEED GOVERNOR	VLSG
Road Speed Limit	VEHICLE LIMITING SPEED	VLS
ROM (Read Only Memory)	READ ONLY MEMORY	ROM
RPM (Revolutions per Minute)	ENGINE SPEED	RPM
SABV (Secondary Air Injection Bypass Valve)	SECONDARY AIR INJECTION Bypass Valve	AIR Bypass Valve
SACV (Secondary Air Injection Check Valve)	SECONDARY AIR INJECTION Control Valve	AIR Control Valve
SAE J1939 Data Link High	SAE J1939 DATA LINK POSITIVE	SAE J1939 DL+
SAE J1939 Data Link Low	SAE J1939 DATA LINK NEGATIVE	SAE J1939 DL-
SAE J1939 Data Link, Primary Vehicle Network	J1939 NETWORK #1, Primary Vehicle Network	J1939 Network #1
SASV (Secondary Air Injection Switch Valve)	SECONDARY AIR INJECTION Switch Valve	AIR Switching Valve
SBEC (Single Board Engine Control)	POWERTRAIN CONTROL MODULE	PCM
SBS (Supercharger Bypass Solenoid)	SUPERCHARGER BYPASS Solenoid	SCB Solenoid



TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
SC (Supercharger)	SUPERCHARGER	SC
SC Code	ELECTRONIC CALIBRATION CODE	ECC
Scan Tool	SCAN TOOL	ST
SCB (Supercharger Bypass)	SUPERCHARGER BYPASS	SCB
SCR Thermal Management Active	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Thermal Management Active	SCR Thermal Mgt Active
Secondary Air Bypass Valve	SECONDARY AIR INJECTION Bypass Valve	AIR Bypass Valve
Secondary Air Check Valve	SECONDARY AIR INJECTION Check Valve	AIR Check Valve
Secondary Air Injection	SECONDARY AIR INJECTION	AIR
Secondary Air Injection Bypass	SECONDARY AIR INJECTION Bypass	AIR Bypass
Secondary Air Injection Diverter	SECONDARY AIR INJECTION Diverter	AIR Diverter
Secondary Air Injection Switch Valve	SECONDARY AIR INJECTION Switching Valve	AIR Switching Valve
SEFI (Sequential Electronic Fuel Injection)	SEQUENTIAL MULTIPOINT FUEL INJECTION	SFI
Self Test	ON BOARD DIAGNOSTIC	OBD
Self Test Code	DIAGNOSTIC TROUBLE CODE	DTC
Self Test Codes	DIAGNOSTIC TROUBLE CODE	DTC
Self Test Connector	DIAGNOSTIC CONNECTOR, CAB	DCC
Self Test Connector	DIAGNOSTIC CONNECTOR, CAB	DCC
Self Test Connector	DIAGNOSTIC CONNECTOR, UNDERHOOD	DCU
Self Test Connector	DIAGNOSTIC CONNECTOR, UNDERHOOD	DCU
Self Test Input	DIAGNOSTIC TEST MODE Switch	DTM Switch
Sensor Reference Voltage	VOLTAGE REFERENCE	VREF
Sensor supply voltage	SENSOR SUPPLY VOLTAGE	Sensor supply voltage
Separate Circuit Aftercooled	ENGINE CHARGE AIR COOLER	CAC
Sequential Multiport Fuel Injection	SEQUENTIAL MULTIPOINT FUEL INJECTION	SFI
Serial Number	SERIAL NUMBER	Serial Number
Service Engine Soon	MALFUNCTION INDICATOR LAMP	MIL
Service Engine Soon	SERVICE REMINDER INDICATOR	SRI
Service Reminder Indicator	SERVICE REMINDER INDICATOR	SRI
SFI (Sequential Multiport Fuel Injection)	SEQUENTIAL MULTIPOINT FUEL INJECTION	SFI
Shift Solenoid	SHIFT SOLENOID	SS
Shift Solenoid Valve	SHIFT SOLENOID Valve	SS Valve
Short Term FT (Fuel Trim)	Short Term FUEL TRIM	Short Term FT
Short Term Fuel Trim	Short Term FUEL TRIM	Short Term FT
Short-term Fuel Trim - Bank	Short-term FUEL TRIM - Bank	Short Term FT - Bank
SHRT FT	Short Term FUEL TRIM	Short Term FT
SMEC (Single Module Engine Control)	POWERTRAIN CONTROL MODULE	PCM
SMFC (Single Module Fuel Control)	POWERTRAIN CONTROL MODULE	PCM
Smoke Puff Limiter	SMOKE PUFF LIMITER	SPL
Software Identification	SOFTWARE IDENTIFICATION	SOFT ID
SPARK ADV	SPARK ADVANCE	SPARK ADV

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Spark Plug	Engine SPARK PLUG	Eng SPARK PLUG
Special Ignitor Loop - Resistance	SPECIAL IGNITOR LOOP - RESISTANCE	Special Ignitor Loop - Resistance
Specific Humidity	SPECIFIC HUMIDITY	Specific Humidity
Speed/Timing Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
SPI (Single Point Injection)	THROTTLE BODY FUEL INJECTION	TBI
SPL (Smoke Puff Limiter)	AIR FUEL RATIO CONTROL	AFRC
SPN Data Length	SPN DATA LENGTH	SPN Data Length
SPN of Applicable System Monitor	SPN OF APPLICABLE SYSTEM MONITOR	SPN of Applicable System Monitor
SPN Support Type	SPN SUPPORT TYPE	SPN Support Type
SPN Supported	SPN SUPPORTED	SPN Supported
SRI (Service Reminder Indicator)	SERVICE REMINDER INDICATOR	SRI
SRT (System Readiness Test)	SYSTEM READINESS TEST	SRT
SS (Shift Solenoid)	SHIFT SOLENOID	SS
ST (Scan Tool)	SCAN TOOL	ST
Stop Engine Light	RED STOP LAMP	RSL
Supercharger	SUPERCHARGER	SC
Supercharger Bypass	SUPERCHARGER BYPASS	SCB
Sync Pickup	CAMSHAFT POSITION	CMP
Synchronous Reference Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
System Continuous Malfunction Indicator	System Continuous MALFUNCTION INDICATOR	System Continuous Malfunction Indicator
System Cumulative Continuous Malfunction Indicator Time	System Cumulative Continuous MALFUNCTION INDICATOR Time	System Cumulative Continuous MI Time
System Incomplete Monitor Count	System INCOMPLETE MONITOR COUNT	System Incomplete Monitor Count
System Malfunction Indicator Activation Mode	System MALFUNCTION INDICATOR ACTIVATION MODE	System MI Activation Mode
System Malfunction Indicator Display Strategy	System MALFUNCTION INDICATOR Display Strategy	System MI Display Strategy
System Non-Roadworthy Component Count	System NON-ROADWORTHY COMPONENT COUNT	System Non-Roadworthy Component Count
System Readiness Test	SYSTEM READINESS TEST	SRT
TAB (Thermactor Air Bypass)	SECONDARY AIR INJECTION Bypass	AIR Bypass
TAC (Throttle Actuator Control) Module	THROTTLE ACTUATOR CONTROL Module	TAC Module
Tachometer Drive Output	TACHOMETER DRIVE Output	TACH Drive Output
TAD (Thermactor Air Diverter)	SECONDARY AIR INJECTION DIVERTER	AIR Diverter
TB (Throttle Body)	THROTTLE BODY	TB
TBI (Throttle Body Fuel Injection)	THROTTLE BODY FUEL INJECTION	TBI
TBT (Throttle Body Temperature)	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
TC (TURBO) Wastegate Regulator Valve	TURBOCHARGER Wastegate Regulator Valve	TC Wastegate Regulator Valve
TC (Turbocharger)	TURBOCHARGER	TC
TC (Turbocharger) Wastegate	TURBOCHARGER Wastegate	TC Wastegate
TCC (Torque Converter Clutch)	TORQUE CONVERTER CLUTCH	TCC

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
TCC (Torque Converter Clutch) Relay	TORQUE CONVERTER CLUTCH Relay	TCC Relay
TCC (Torque Converter Clutch) Solenoid	TORQUE CONVERTER CLUTCH Solenoid	TCC Solenoid
TCC (Torque Converter Clutch) Solenoid Valve	TORQUE CONVERTER CLUTCH Solenoid Valve	TCC Solenoid Valve
TCM (Transmission Control Module)	TRANSMISSION CONTROL MODULE	TCM
TFI (Thick Film Ignition)	DISTRIBUTOR IGNITION	DI
TFI (Thick Film Ignition) Module	Engine IGNITION CONTROL MODULE	ICM
Thermac	SECONDARY AIR INJECTION	AIR
Thermac Air Cleaner	AIR CLEANER	ACL
Thermactor	SECONDARY AIR INJECTION	AIR
Thermactor Air Bypass	SECONDARY AIR INJECTION Bypass	AIR Bypass
Thermactor Air Diverter	SECONDARY AIR INJECTION Diverter	AIR Diverter
Thermactor II	PULSED SECONDARY AIR INJECTION	PAIR
Thermal Vacuum Switch	THERMAL VACUUM SWITCH	TVC
Thermal Vacuum Valve	THERMAL VACUUM VALVE	TVV
Three Way + Oxidation Catalytic Converter	THREE WAY + OXIDATION CATALYST	TWC+OC
Three Way Catalytic Converter	THREE WAY CATALYST	TWC
Throttle	ACCELERATOR PEDAL	AP
Throttle Body	THROTTLE BODY	TB
Throttle Body Fuel Injection	THROTTLE BODY FUEL INJECTION	TBI
Throttle Bypass Valve	IDLE AIR CONTROL Valve	IAC Valve
Throttle Opener	IDLE SPEED CONTROL	ISC
Throttle 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 Pedal	ACCELERATOR PEDAL	AP
Throttle Plate Bypass Valve	IDLE AIR CONTROL Valve	IAC Valve
Throttle Plate Position	THROTTLE POSITION	TP
Throttle Position	ACCELERATOR PEDAL POSITION	APP
Throttle Position Sensor	THROTTLE POSITION Sensor	TP Sensor
Throttle Position Switch	THROTTLE POSITION Switch	TP Switch
Throttle Potentiometer	THROTTLE POSITION Sensor	TP Sensor
Time Since Diagnostic Trouble Codes Cleared	Time Since DIAGNOSTIC TROUBLE CODES Cleared	Time Since DTCs Cleared
Time Since Engine Start	TIME SINCE ENGINE START	Time Since Engine Start
Timing Actuator	ENGINE TIMING ACTUATOR	ETA
Timing Control Solenoid	TIMING ACTUATOR Solenoid	TA Solenoid
Timing Reference Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
Timing Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
TOC (Trap Oxidizer-Continuous)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
TOC(Trap Oxidizer-Continuous)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
TOP (Trap Oxidizer-Periodic)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
Top Engine Limit	HIGH IDLE GOVERNOR	HIG
Torque Converter Clutch	TORQUE CONVERTER CLUTCH	TCC
Torque Converter Clutch Pressure	TORQUE CONVERTER CLUTCH PRESSURE	TCCP
Torque Converter Clutch Relay	TORQUE CONVERTER CLUTCH Relay	TCC Relay
Torque Converter Clutch Solenoid	TORQUE CONVERTER CLUTCH Solenoid	TCC Solenoid
Torque Converter Clutch Solenoid Valve	TORQUE CONVERTER CLUTCH Solenoid Valve	TCC Solenoid Valve
Total Power Takeoff Hours	Total PTO Hours	Total PTO Hours
Total Vehicle Hours	TOTAL VEHICLE HOURS	Total Vehicle Hours
TP (Throttle Position)	THROTTLE POSITION	TP
TP (Throttle Position) Sensor	THROTTLE POSITION Sensor	TP Sensor
TP (Throttle Position) Switch	THROTTLE POSITION Switch	TP Switch
TPI (Tuned Port Injection)	MULTIPOINT FUEL INJECTION	MFI
TPNP (Trans Park Neutral Position)	PARK/NEUTRAL POSITION	PNP
TPS (Throttle Position Sensor)	THROTTLE POSITION Sensor	TP Sensor
TPS (Throttle Position Switch)	THROTTLE POSITION Switch	TP Switch
Transmission Current Gear	TRANSMISSION CURRENT GEAR	Trans Cur Gear
Transmission Driveline Engaged	TRANSMISSION DRIVELINE ENGAGED	Transmission Driveline Engaged
Transmission Output Shaft Speed	TRANSMISSION OUTPUT SHAFT SPEED	Trans OSS
Transmission Park Neutral Position	PARK/NEUTRAL POSITION	PNP
Transmission Selected Gear	TRANSMISSION SELECTED GEAR	Trans Sel Gear
Transmission Shift In Process	TRANSMISSION SHIFT IN PROCESS	Trans SIP
Transmission Torque Converter Lockup Engaged	TRANSMISSION TORQUE CONVERTER LOCKUP ENGAGED	Transmission Torque Converter Lockup Engaged
TSS (Turbine Shaft Speed Sensor)	TURBINE SHAFT SPEED Sensor	TSS Sensor
Tuned Port Injection	MULTIPOINT FUEL INJECTION	MFI
Turbine Shaft Speed Sensor	TURBINE SHAFT SPEED Sensor	TSS Sensor
Turbo (Turbocharger)	TURBOCHARGER	TC
Turbo Boost Sensor	INTAKE MANIFOLD PRESSURE Sensor	IMP Sensor
Turbocharger	TURBOCHARGER	TC
Turbocharger Boost Pressure	INTAKE MANIFOLD PRESSURE	IMP
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	TVV
TVV (Thermal Vacuum Valve)	THERMAL VACUUM VALVE	TVV
TWC (Three Way Catalytic Converter)	THREE WAY CATALYST	TWC
TWC (Three Way Catalytic Converter)	THREE WAY CATALYST	TWC

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
TWC+OC (Three Way+Oxidation Catalytic Converter	THREE WAY + OXIDATION CATALYST	TWC+OC
TWC+OC(Three Way+Oxidation Catalytic Converter	THREE WAY + OXIDATION CATALYST	TWC+OC
Two Speed Axle Actuator	TWO SPEED AXLE ACTUATOR	Two Speed Axle Actuator
Two Speed Axle Switch	TWO SPEED AXLE SWITCH	Two Speed Axle Switch
Urea	AFTERTREATMENT DIESEL EXHAUST FLUID DEF	
Urea Air Solenoid	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Air Solenoid AIR SOLENOID	
Urea Concentration	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Concentration Concentration	
Urea Heater	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Htr HEATER	
Urea Heater Relay	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Htr Rly HEATER Relay	
Urea Tank	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank TANK	
Urea Tank Level	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Lvl TANK Level	
Urea Tank Level Sensor	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Lvl Sensor TANK Level Sensor	
Urea Tank Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Temp TANK Temperature	
Urea Tank Temperature Sensor	AFTERTREATMENT DIESEL EXHAUST FLUID DEF Tank Temp Sensor TANK Temperature Sensor	
VAC (Vacuum) Sensor	MANIFOLD DIFFERENTIAL PRESSURE Sensor	MDP Sensor
Vacuum Switches	MANIFOLD VACUUM ZONE Switch	MVZ Switch
VAF (Volume Air Flow)	VOLUME AIR FLOW	VAF
Valve Position EGR (Exhaust Gas Recirculation) System	Engine EXHAUST GAS RECIRCULATION Valve Position	EGR Valve Pos
Vane Air Flow	VOLUME AIR FLOW	VAF
Variable Control Relay Module	VARIABLE CONTROL RELAY MODULE	VCRM
Variable Fuel Sensor	FLEXIBLE FUEL Sensor	FF Sensor
Variable Speed Control	VARIABLE SPEED GOVERNOR	VSG
Variable Speed Control with Droop	VARIABLE SPEED GOVERNOR	VSG
Variable Speed Control with Variable Droop	VARIABLE SPEED GOVERNOR	VSG
Variable Speed Governor	VARIABLE SPEED GOVERNOR	VSG
Variable Valve Timing and/or Control	VARIABLE VALVE TIMING AND/OR CONTROL	VVT Control
VAT (Vane Air Temperature)	INTAKE AIR TEMPERATURE	IAT
Vehicle Acceleration Rate Limit Status	Vehicle ACCELERATION RATE LIMIT Status	Vehicle Acceleration Rate Limit Status
Vehicle Continuous Malfunction Indicator	Vehicle Continuous MALFUNCTION INDICATOR	Vehicle Continuous Malfunction Indicator

TABLE 1 - CROSS REFERENCE AND LOOK UP

PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION USAGE
Vehicle Current MI Accumulated Time	Vehicle Current MALFUNCTION INDICATOR Accumulated Time	Vehicle Current MI Accumulated Time
Vehicle Identification Number	VEHICLE IDENTIFICATION NUMBER	VIN
Vehicle Incomplete Monitor Count	Vehicle INCOMPLETE MONITOR COUNT	Vehicle Incomplete Monitor Count
Vehicle Malfunction Indicator Activation Mode	Vehicle MALFUNCTION INDICATOR Activation Mode	Vehicle Malfunction Indicator Activation Mode
Vehicle Malfunction Indicator Display Strategy	Vehicle MALFUNCTION INDICATOR Display Strategy	Vehicle Malfunction Indicator Display Strategy
Vehicle Non-Roadworthy Component Count	Vehicle NON-ROADWORTHY COMPONENT COUNT	Vehicle Non-Roadworthy Component Count
Vehicle Personality Module	ELECTRONIC CALIBRATION CODE	ECC
Vehicle Speed Governor	VEHICLE LIMITING SPEED GOVERNOR	VLSG
Vehicle Speed Limit	VEHICLE LIMITING SPEED	VLS
Vehicle Speed Sensor	VEHICLE SPEED SENSOR	VSS
Vehicle Speed Sensor Open Coll	VEHICLE SPEED SENSOR	VSS
VIP (Vehicle in Process) Connector	DATA LINK CONNECTOR	DLC
Viscous Converter Clutch	TORQUE CONVERTER CLUTCH	TCC
Volume Air Flow	VOLUME AIR FLOW	VAF
VSS (Vehicle Speed Sensor)	VEHICLE SPEED SENSOR	VSS
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	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST	WU DOC
Warm Up Three Way Catalytic Converter	AFTERTREATMENT WARM UP THREE WAY CATALYST	WU TWC
Wastegate Control Valve	TURBOCHARGER Wastegate Regulating Valve	TC Regulating Valve
Wastegate Output Device Driver	WASTEGATE CONTROL CIRCUIT	WCC
Water Temperature	ENGINE COOLANT TEMPERATURE	ECT
Wheel Sensor ABS Axle Left	WHEEL SENSOR ABS Axle Left	Wheel Sensor ABS Axle Left
Wheel Sensor ABS Axle Right	WHEEL SENSOR ABS Axle Right	Wheel Sensor ABS Axle Right
Wheel-Based Vehicle Speed	Wheel-Based VEHICLE SPEED	Wheel-Based VS
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-OC(Warm Up Oxidation Catalytic Converter)	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST	WU DOC
WU-TWC (Warm Up Three Way Catalytic Converter)	AFTERTREATMENT WARM UP THREE WAY CATALYST	WU TWC

## 7. RECOMMENDED TERMS AND USAGE

Table 2 is an alphabetical listing of recommended terms as compared to previous (usage prior to SAE J2403 standardization) usage and the acceptable usage. See Table 1 for the list of terms sorted by the previous usage.

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
ACCELERATION RATE LIMIT	Vehicle Acceleration Rate Limit Status	Vehicle ACCELERATION RATE LIMIT Status	Vehicle Acceleration Rate Limit Status
ACCELERATOR	Accelerator	ACCELERATOR	Accel
	Accelerator Interlock Switch	ACCELERATOR Interlock Switch	Accel Interlock Sw
ACCELERATOR PEDAL	Accelerator Pedal	ACCELERATOR PEDAL	AP
	Accelerator Pedal Channel	ACCELERATOR PEDAL Channel	AP Channel
	Accelerator Pedal Low Idle Switch	ACCELERATOR PEDAL Low Idle Switch	AP Low Idle Sw
	Accelerator Pedal Position Output	ACCELERATOR PEDAL Position Output	AP Position Output
	Accelerator Pedal Sensor	ACCELERATOR PEDAL Sensor	AP Sensor
	APS (Accelerator Pedal Sensor)	ACCELERATOR PEDAL Sensor	AP Sensor
	Electronic Foot Pedal Assembly	ACCELERATOR PEDAL	AP
	Pedal Mounted Throttle Position Sensor	ACCELERATOR PEDAL Sensor	AP Sensor
	Throttle	ACCELERATOR PEDAL	AP
	Throttle Pedal	ACCELERATOR PEDAL	AP
ACCELERATOR PEDAL KICKDOWN SWITCH	Accelerator Pedal Kickdown Switch	ACCELERATOR PEDAL KICKDOWN SWITCH	APK SWITCH
ACCELERATOR PEDAL POSITION	Accelerator Pedal Position	ACCELERATOR PEDAL POSITION	APP
	APP (Accelerator Pedal Position)	ACCELERATOR PEDAL POSITION	APP
	Throttle Position	ACCELERATOR PEDAL POSITION	APP
AFTERCOOLER COOLANT	Aftercooler Coolant Thermostat Mode	AFTERCOOLER COOLANT Thermostat Mode	Aftercooler Coolant Thermostat Mode
AFTERTREATMENT	Aftertreatment	AFTERTREATMENT	AFT
	Aftertreatment Average Time Between Active Regenerations	AFTERTREATMENT Average Time Between Active Regenerations	Avg Time Between Active Regens
	Aftertreatment Burner Unit Combustion Chamber Temperature	AFTERTREATMENT Burner Unit Combustion Chamber Temperature	AFT Burner Unit Combustion Chamber Temp



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment Failed to Ignite	AFTERTREATMENT Failed to Ignite	AFT Failed to Ignite
	Aftertreatment Fuel Drain Actuator	AFTERTREATMENT Fuel Drain Actuator	AFT Fuel Drain Actuator
	Aftertreatment Particulate Sensor	AFTERTREATMENT Particulate Sensor	AFT Particulate Snsr
	Aftertreatment Supply Air Pressure	AFTERTREATMENT Supply Air Pressure	AFT Supply Air Press
	Aftertreatment System	AFTERTREATMENT System	AFT Sys
	Aftertreatment Total Disabled Time	AFTERTREATMENT Total Disabled Time	AFT Total Disabled Time
	Aftertreatment Total Fuel Used	AFTERTREATMENT Total Fuel Used	AFT Total Fuel Used
	Aftertreatment Total Number of Active Regeneration Inhibit Requests	AFTERTREATMENT Total Number of Active Regeneration Inhibit Requests	Total Number of Active Regen Inhibit Req
	Aftertreatment Total Number of Active Regeneration Manual Requests	AFTERTREATMENT Total Number of Active Regeneration Manual Requests	Total Number of Active Regen Manual Req
	Aftertreatment Total Number of Active Regenerations	AFTERTREATMENT Total Number of Active Regenerations	Total Number of Active Regens
	Aftertreatment Total Number of Passive Regenerations	AFTERTREATMENT Total Number of Passive Regenerations	Total Number of Passive Regens
	Aftertreatment Total Passive Regeneration Time	AFTERTREATMENT Total Passive Regeneration Time	Total Passive Regen Time
	Aftertreatment Total Regeneration Time	AFTERTREATMENT Total Regeneration Time	Total Regen Time
	Aftertreatment Trip Number of Active Regeneration Inhibit Requests	AFTERTREATMENT Trip Number of Active Regeneration Inhibit Requests	Trip Number of Active Regen Inhibit Req
	Aftertreatment Trip Number of Active Regeneration Manual Requests	AFTERTREATMENT Trip Number of Active Regeneration Manual Requests	Trip Number of Active Regen Manual Req
	Aftertreatment Trip Number of Active Regenerations	AFTERTREATMENT Trip Number of Active Regenerations	Trip Number of Active Regens
	Aftertreatment Trip Number of Passive Regenerations	AFTERTREATMENT Trip Number of Passive Regenerations	Trip Number of Passive Regens
AFTERTREATMENT CONTROL MODULE	Aftertreatment Control Module	AFTERTREATMENT CONTROL MODULE	AFTCM
AFTERTREATMENT DIESEL EXHAUST FLUID	AdBlue ®	AFTERTREATMENT DIESEL EXHAUST FLUID	DEF

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment Diesel Exhaust Fluid Consumption Malfunction	AFTERTREATMENT DIESEL EXHAUST FLUID Consumption Malfunction	DEF Consumption Malfunction
	Aftertreatment Diesel Exhaust Fluid Controller	AFTERTREATMENT DIESEL EXHAUST FLUID Controller	DEF Controller
	Aftertreatment Diesel Exhaust Fluid Controller Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID Controller Temperature	DEF Controller Temp
	Aftertreatment Diesel Exhaust Fluid Dosing Absolute Pressure	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Absolute Pressure	DEF Dosing Abs Press
	Aftertreatment Diesel Exhaust Fluid Dosing Malfunction	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Malfunction	DEF Dosing Malfunction
	Aftertreatment Diesel Exhaust Fluid Dosing Requested Quantity	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Requested Quantity	DEF Dosing Requested Quantity
	Aftertreatment Diesel Exhaust Fluid Dosing Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Temperature	DEF Dosing Temp
	Aftertreatment Diesel Exhaust Fluid Dosing Valve	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Valve	DEF Dosing Valve
	Aftertreatment Diesel Exhaust Fluid Lamp	AFTERTREATMENT DIESEL EXHAUST FLUID Lamp	DEF Lamp
	Aftertreatment Diesel Exhaust Fluid Quality Malfunction	AFTERTREATMENT DIESEL EXHAUST FLUID Quality Malfunction	DEF Quality Malfunction
	Aftertreatment Diesel Exhaust Fluid Requested Quantity for Integrator	AFTERTREATMENT DIESEL EXHAUST FLUID Requested Fluid Quantity for Integrator	DEF Req Fluid Qty for Integrator
	Aftertreatment Diesel Exhaust Fluid Return Valve	AFTERTREATMENT DIESEL EXHAUST FLUID Return Valve	DEF Return Vlv
	Aftertreatment Diesel Exhaust Fluid Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID Temperature	DEF Temp
	Aftertreatment Diesel Exhaust Fluid Type	AFTERTREATMENT DIESEL EXHAUST FLUID Property	DEF Property
	Aftertreatment Diesel Oxidation Catalyst Reagent	AFTERTREATMENT DIESEL EXHAUST FLUID	DEF
	Aftertreatment SCR Actual Dosing Reagent Quantity	AFTERTREATMENT DIESEL EXHAUST FLUID Actual Dosing Quantity	DEF Act Dosing Qty
	Aftertreatment SCR Actual Reagent Quantity of Integrator	AFTERTREATMENT DIESEL EXHAUST FLUID Actual Quantity of Integrator	DEF Act Qty of Integrator

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment SCR Average Catalyst Reagent Consumption	AFTERTREATMENT DIESEL EXHAUST FLUID Average Consumption	DEF Avg Consumption
	Aftertreatment SCR Catalyst Reagent Conductivity	AFTERTREATMENT DIESEL EXHAUST FLUID Conductivity	DEF Conductivity
	Aftertreatment SCR Catalyst Reagent Type	AFTERTREATMENT DIESEL EXHAUST FLUID Property	DEF Property
	Aftertreatment SCR Dosing Reagent Absolute Pressure	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Absolute Pressure	DEF Dosing Abs Press
	Aftertreatment SCR Dosing Reagent Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Temperature	DEF Dosing Temp
	Aftertreatment Selective Catalytic Reduction Diesel Exhaust Fluid Dosing Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID Dosing Temperature	DEF Dosing Temp
	Aftertreatment Selective Catalytic Reduction Reagent	AFTERTREATMENT DIESEL EXHAUST FLUID	DEF
	Urea	AFTERTREATMENT DIESEL EXHAUST FLUID	DEF
	Urea Concentration	AFTERTREATMENT DIESEL EXHAUST FLUID Concentration	DEF Concentration
AFTERTREATMENT DIESEL EXHAUST FLUID AIR SOLENOID	Urea Air Solenoid	AFTERTREATMENT DIESEL EXHAUST FLUID AIR SOLENOID	DEF Air Solenoid
AFTERTREATMENT DIESEL EXHAUST FLUID DOSER	Aftertreatment Doser	AFTERTREATMENT DIESEL EXHAUST FLUID DOSER	DEF Doser
	Aftertreatment Doser Heater Control	AFTERTREATMENT DIESEL EXHAUST FLUID DOSER Heater Control	DEF Doser Htr Ctrl
	Aftertreatment Injector	AFTERTREATMENT DIESEL EXHAUST FLUID DOSER	DEF Doser
	Aftertreatment Selective Catalytic Reduction Doser	AFTERTREATMENT DIESEL EXHAUST FLUID DOSER	DEF Doser
	Doser	AFTERTREATMENT DIESEL EXHAUST FLUID DOSER	DEF Doser
	Doser Pump	AFTERTREATMENT DIESEL EXHAUST FLUID DOSER Pump	DEF Doser Pump
AFTERTREATMENT DIESEL EXHAUST FLUID DOSING UNIT	Aftertreatment Diesel Exhaust Fluid Dosing Unit Loss of Prime	AFTERTREATMENT DIESEL EXHAUST FLUID DOSING UNIT Loss of Prime	DEF Dosing Unit Loss of Prime
	Aftertreatment SCR Catalyst Dosing Unit	AFTERTREATMENT DIESEL EXHAUST FLUID DOSING UNIT	DEF Dosing Unit
	Aftertreatment SCR Catalyst Dosing Unit Heater	AFTERTREATMENT DIESEL EXHAUST FLUID DOSING UNIT Heater	DEF Dosing Unit Htr

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
AFTERTREATMENT DIESEL EXHAUST FLUID HEATER	Aftertreatment SCR Catalyst Dosing Unit Heater Relay	AFTERTREATMENT DIESEL EXHAUST FLUID DOSING UNIT Heater Relay	DEF Dosing Unit Htr Rly
	Aftertreatment SCR Catalyst Dosing Unit Heater Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID DOSING UNIT Heater Temperature	DEF Dosing Unit Htr Temp
	Aftertreatment SCR Catalyst Dosing Unit Input Lines	AFTERTREATMENT DIESEL EXHAUST FLUID DOSING UNIT Input Lines	DEF Dosing Unit Input Lines
	Urea Heater	AFTERTREATMENT DIESEL EXHAUST FLUID HEATER	DEF Htr
AFTERTREATMENT DIESEL EXHAUST FLUID LINE HEATER	Urea Heater Relay	AFTERTREATMENT DIESEL EXHAUST FLUID HEATER Relay	DEF Htr Rly
	Aftertreatment Diesel Exhaust Fluid Line Heater	AFTERTREATMENT DIESEL EXHAUST FLUID LINE HEATER	DEF Line Htr
	Aftertreatment Diesel Exhaust Fluid Line Heater Relay	AFTERTREATMENT DIESEL EXHAUST FLUID LINE HEATER Relay	DEF Line Htr Rly
	Aftertreatment Diesel Exhaust Fluid Line Heater State	AFTERTREATMENT DIESEL EXHAUST FLUID LINE HEATER State	DEF Line Htr St
AFTERTREATMENT DIESEL EXHAUST FLUID PUMP	Aftertreatment SCR Catalyst Reagent Line Heater	AFTERTREATMENT DIESEL EXHAUST FLUID LINE HEATER	DEF Line Htr
	Aftertreatment SCR Catalyst Reagent Line Heater State	AFTERTREATMENT DIESEL EXHAUST FLUID LINE HEATER State	DEF Line Htr State
	Aftertreatment Diesel Exhaust Fluid Pump Command	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Command	DEF Pump Cmd
	Aftertreatment Diesel Exhaust Fluid Pump Drive Percentage	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Drive Percentage	DEF Pump Drv %
	Aftertreatment Diesel Exhaust Fluid Pump Heater	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Heater	DEF Pump Htr
	Aftertreatment Diesel Exhaust Fluid Pump Heater Command	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Heater Command	DEF Pump Htr Cmd
	Aftertreatment Diesel Exhaust Fluid Pump Motor Speed	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Motor Speed	DEF Pump Mtr Spd
	Aftertreatment Diesel Exhaust Fluid Pump Orifice Flow	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP Orifice Flow	DEF Pump Orifice Flow
	Aftertreatment SCR Catalyst Reagent Pump State	AFTERTREATMENT DIESEL EXHAUST FLUID PUMP State	DEF Pump State

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
AFTERTREATMENT DIESEL EXHAUST FLUID TANK	Aftertreatment Diesel Exhaust Fluid Tank Controller	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Controller	DEF Tank Ctrllr
	Aftertreatment Diesel Exhaust Fluid Tank Heater	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Heater	DEF Tank Htr
	Aftertreatment Diesel Exhaust Fluid Tank Heater Valve	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Heater Valve	DEF Tank Htr Vlv
	Aftertreatment Diesel Exhaust Fluid Tank Level	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Level	DEF Tank Lvl
	Aftertreatment Diesel Exhaust Fluid Tank Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Temperature	DEF Tank Temp
	Aftertreatment SCR Catalyst Reagent Tank Drain Valve Command	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Drain Valve Command	DEF Tank Drain Vlv Cmd
	Aftertreatment SCR Catalyst Reagent Tank Fill Valve Command	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Fill Valve Command	DEF Tank Fill Vlv Cmd
	Aftertreatment SCR Catalyst Tank Heater	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Heater	DEF Tank Htr
	Aftertreatment SCR Catalyst Tank Heater Command	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Heater Command	DEF Tank Htr Cmd
	Aftertreatment SCR Catalyst Tank Level	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Level	DEF Tank Lvl
	Aftertreatment SCR Catalyst Tank Reagent Quality	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Quality	DEF Tank Qlty
	Aftertreatment SCR Catalyst Tank Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Temperature	DEF Tank Temp
	Aftertreatment Selective Catalytic Reduction Tank Diesel Exhaust Fluid Quality	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Quality	DEF Tank Qlty
	Urea Tank	AFTERTREATMENT DIESEL EXHAUST FLUID TANK	DEF Tank
	Urea Tank Level	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Level	DEF Tank Lvl
	Urea Tank Level Sensor	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Level Sensor	DEF Tank Lvl Sensor
	Urea Tank Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Temperature	DEF Tank Temp
	Urea Tank Temperature Sensor	AFTERTREATMENT DIESEL EXHAUST FLUID TANK Temperature Sensor	DEF Tank Temp Sensor
AFTERTREATMENT DIESEL EXHAUST FLUID TANK 2	Aftertreatment Diesel Exhaust Fluid Tank 2 Heater	AFTERTREATMENT DIESEL EXHAUST FLUID TANK 2 Heater	DEF Tank 2 Htr

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
AFTERTREATMENT DIESEL OXIDATION CATALYST	Aftertreatment Diesel Exhaust Fluid Tank 2 Level	AFTERTREATMENT DIESEL EXHAUST FLUID TANK 2 Level	DEF Tank 2 Lvl
	Aftertreatment Diesel Exhaust Fluid Tank 2 Temperature	AFTERTREATMENT DIESEL EXHAUST FLUID TANK 2 Temperature	DEF Tank 2 Temp
	Aftertreatment SCR Catalyst Tank 2 Heater Command	AFTERTREATMENT DIESEL EXHAUST FLUID TANK 2 Heater Command	DEF Tank 2 Htr Cmd
	Aftertreatment Diesel Oxidation Catalyst	AFTERTREATMENT DIESEL OXIDATION CATALYST System	DOC Sys
	Aftertreatment Diesel Oxidation Catalyst Conversion Efficiency	AFTERTREATMENT DIESEL OXIDATION CATALYST Conversion Efficiency	DOC Conv Effic
	Aftertreatment Diesel Oxidation Catalyst Differential Pressure	AFTERTREATMENT DIESEL OXIDATION CATALYST Differential Pressure	DOC Differential Press
	Aftertreatment Diesel Oxidation Catalyst Inlet Pressure	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Pressure	DOC In Press
	Aftertreatment Diesel Oxidation Catalyst Inlet Pressure Sensor	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Pressure Sensor	DOC In Press Sensor
	Aftertreatment Diesel Oxidation Catalyst Inlet Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Gas Temperature	DOC In Temp
	Aftertreatment Diesel Oxidation Catalyst Inlet Temperature Sensor	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Gas Temperature Sensor	DOC In Temp Sensor
	Aftertreatment Diesel Oxidation Catalyst Insufficient NO2 Conversion	AFTERTREATMENT DIESEL OXIDATION CATALYST Insufficient NO2 Conversion	DOC Insufficient NO2 Conv
	Aftertreatment Diesel Oxidation Catalyst Intake Gas Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Gas Temperature	DOC In Temp
	Aftertreatment Diesel Oxidation Catalyst Missing	AFTERTREATMENT DIESEL OXIDATION CATALYST Missing	DOC Missing
	Aftertreatment Diesel Oxidation Catalyst Outlet Gas Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Gas Temperature	DOC Out Temp
	Aftertreatment Diesel Oxidation Catalyst Outlet Pressure	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Pressure	DOC Outlet Press
	Aftertreatment Diesel Oxidation Catalyst Outlet Pressure Sensor	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Pressure Sensor	DOC Outlet Press Sensor

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
AFTERTREATMENT DIESEL PARTICULATE FILTER	Aftertreatment Diesel Oxidation Catalyst Outlet Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Gas Temperature	DOC Outlet Temp
	Aftertreatment Diesel Oxidation Catalyst Outlet Temperature Sensor	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Gas Temperature Sensor	DOC Outlet Temp Sensor
	Aftertreatment Diesel Oxidation Catalyst System	AFTERTREATMENT DIESEL OXIDATION CATALYST System	DOC Sys
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Intake Gas Temperature	DOC In Temp
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT DIESEL OXIDATION CATALYST Outlet Gas Temperature	DOC Outlet Temp
	COC (Continuous Oxidation Catalyst)*	AFTERTREATMENT DIESEL OXIDATION CATALYST	DOC
	OC (Oxidation Catalyst)*	AFTERTREATMENT DIESEL OXIDATION CATALYST	DOC
	Oxidation Catalytic Converter*	AFTERTREATMENT DIESEL OXIDATION CATALYST	DOC
	Aftertreatment Diesel Particulate Filter	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	Aftertreatment Diesel Particulate Filter Ash Fill Percentage	AFTERTREATMENT DIESEL PARTICULATE FILTER Ash Fill Percentage	DPF Ash Fill %
	Aftertreatment Diesel Particulate Filter Atomization Air Pressure Sensor	AFTERTREATMENT DIESEL PARTICULATE FILTER Atomization Air Pressure Sensor	DPF Atomization Air Press Sensor
	Aftertreatment Diesel Particulate Filter Atomization Air Valve	AFTERTREATMENT DIESEL PARTICULATE FILTER Atomization Air Valve	DPF Atomization Air Valve
	Aftertreatment Diesel Particulate Filter Atomization Fuel Solenoid Valve	AFTERTREATMENT DIESEL PARTICULATE FILTER Atomization Fuel Solenoid Valve	DPF Atomization Fuel Solenoid Valve

DPF Atomization Module

DPF Combustion Air Vlv

\* These terms might have been used to refer to aftertreatment systems on gas engines, in which case Aftertreatment Gas Oxidation Catalyst (AFTGOC) would be the correct recommended term.



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment Diesel Particulate Filter Differential Pressure	AFTERTREATMENT DIESEL PARTICULATE FILTER DIFFERENTIAL PRESSURE	DPF Diff Press
	Aftertreatment Diesel Particulate Filter Incomplete Regeneration	AFTERTREATMENT DIESEL PARTICULATE FILTER Incomplete Regeneration	DPF Incomplete Regen
	Aftertreatment Diesel Particulate Filter Inlet Pressure	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Pressure	DPF In Press
	Aftertreatment Diesel Particulate Filter Inlet Pressure Sensor	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Pressure Sensor	DPF In Press Sensor
	Aftertreatment Diesel Particulate Filter Inlet Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Temperature	DPF In Temp
	Aftertreatment Diesel Particulate Filter Inlet Temperature Sensor	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Temperature Sensor	DPF In Temp Sensor
	Aftertreatment Diesel Particulate Filter Intake Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Temperature	DPF In Temp
	Aftertreatment Diesel Particulate Filter Intermediate Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Intermediate Gas Temperature	DPF Intmd Temp
	Aftertreatment Diesel Particulate Filter Missing	AFTERTREATMENT DIESEL PARTICULATE FILTER Missing	DPF Missing
	Aftertreatment Diesel Particulate Filter NMHC Conversion Efficiency	AFTERTREATMENT DIESEL PARTICULATE FILTER NMHC Conversion Efficiency	DPF NMHC Conv Effic
	Aftertreatment Diesel Particulate Filter Outlet Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Gas Temperature	DPF Out Temp
	Aftertreatment Diesel Particulate Filter Outlet Pressure	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Gas Pressure	DPF Out Press
	Aftertreatment Diesel Particulate Filter Outlet Pressure Sensor	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Gas Pressure Sensor	DPF Out Press Sensor
	Aftertreatment Diesel Particulate Filter Outlet Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Exhaust Gas Temperature	DPF Out Temp
	Aftertreatment Diesel Particulate Filter Outlet Temperature Sensor	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Gas Temperature Sensor	DPF Out Temp Sensor

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment Diesel Particulate Filter Regeneration too Frequent	AFTERTREATMENT DIESEL PARTICULATE FILTER Regeneration Too Frequent	DPF Regen too Frequent
	Aftertreatment Diesel Particulate Filter System	AFTERTREATMENT DIESEL PARTICULATE FILTER System	DPF Sys
	Aftertreatment Diesel Particulate Filter System Monitor	AFTERTREATMENT DIESEL PARTICULATE FILTER System Monitor	DPF Sys Mon
	Aftertreatment Diesel Particulate Trap	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Gas Temperature	DPF In Temp
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Intermediate Gas Temperature	DPF Intmd Temp
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Outlet Gas Temperature	DPF Out Temp
	Aftertreatment Loss of Combustion	AFTERTREATMENT DIESEL PARTICULATE FILTER Loss of Combustion	DPF Loss of Combustion
	Cold Junction Block	AFTERTREATMENT DIESEL PARTICULATE FILTER Cold Junction Block	DPF Cold Jctn Blk
	Cold Junction Temperature	AFTERTREATMENT DIESEL PARTICULATE FILTER Cold Junction Temperature	DPF Cold Jctn Temp
	Continuous Trap Oxidizer	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	Continuous Trap Oxidizer	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	CTO (Continuous Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	CTO (Continuous Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	CTOX (Continuous Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	CTOX(Continuous Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	Diesel Particulate Filter	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	Diesel Particulate Filter Ash Load Percent	AFTERTREATMENT DIESEL PARTICULATE FILTER Ash Load Percent	DPF Ash Ld %

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Diesel Particulate Filter Conditions Not Met for Active Regeneration	AFTERTREATMENT DIESEL PARTICULATE FILTER Conditions Not Met For Active Regeneration	DPF Conditions Not Met For Active Regen
	Diesel Particulate Filter Intake Pressure	AFTERTREATMENT DIESEL PARTICULATE FILTER Intake Pressure	DPF In Press
	Diesel Particulate Filter Mean Soot Signal	AFTERTREATMENT DIESEL PARTICULATE FILTER Mean Soot Signal	DPF Mean Soot Signal
	Diesel Particulate Filter Median Soot Signal	AFTERTREATMENT DIESEL PARTICULATE FILTER Median Soot Signal	DPF Median Soot Signal
	Diesel Particulate Filter Passive Regeneration Status	AFTERTREATMENT DIESEL PARTICULATE FILTER Passive Regeneration Status	DPF Passive Regen Status
	Diesel Particulate Filter Regeneration Force Switch	AFTERTREATMENT DIESEL PARTICULATE FILTER Regeneration Force Switch	DPF Regen Force Sw
	Diesel Particulate Filter Regeneration Inhibit Switch	AFTERTREATMENT DIESEL PARTICULATE FILTER Regeneration Inhibit Switch	DPF Regen Inhibit Sw
	Diesel Particulate Filter Soot Density	AFTERTREATMENT DIESEL PARTICULATE FILTER Soot Density	DPF Soot Density
	Diesel Particulate Filter Status	AFTERTREATMENT DIESEL PARTICULATE FILTER Status	DPF Status
	Diesel Particulate Filter Time Since Last Active Regeneration	AFTERTREATMENT DIESEL PARTICULATE FILTER Time Since Last Active Regeneration	DPF Time Since Last Active Regen
	Diesel Particulate Trap	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	DPF Thermal Management Active	AFTERTREATMENT DIESEL PARTICULATE FILTER Thermal Management Active	DPF Thermal Mgt Active
	Periodic Trap Oxidizer	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	PTOX (Periodic Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	PTOX (Periodic Trap Oxidizer)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	TOC (Trap Oxidizer-Continuous)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	TOC(Trap Oxidizer-Continuous)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF
	TOP (Trap Oxidizer-Periodic)	AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
AFTERTREATMENT DIESEL PARTICULATE FILTER AIR	Aftertreatment Air Enable Actuator	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Enable Actuator	DPF Air En Actuator
	Aftertreatment Air Pressure Actuator Position	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Pressure Actuator Position	DPF Air Press Actuator Pos
	Aftertreatment Air Pressure Control	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Pressure Control	DPF Air Press Ctrl
	Aftertreatment Air Pressure Control Actuator	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Pressure Control Actuator	DPF Air Press Ctrl Actuator
	Aftertreatment Air System Relay	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR System Relay	DPF Air Sys Rly
	Aftertreatment Atomization Air Actuator	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Atomization Actuator	DPF Atomized Air Actuator
	Aftertreatment Diesel Particulate Filter Air Shutoff Valve	AFTERTREATMENT DIESEL PARTICULATE FILTER AIR Shutoff Valve	DPF Air Shutoff Vlv
AFTERTREATMENT DIESEL PARTICULATE FILTER FUEL CONTROL VALVE	Aftertreatment Diesel Particulate Filter Fuel Control Valve	AFTERTREATMENT DIESEL PARTICULATE FILTER FUEL CONTROL VALVE	DPF Fuel Ctrl Vlv
AFTERTREATMENT DIESEL PARTICULATE FILTER FUEL SYSTEM	Aftertreatment Diesel Particulate Filter Fuel System	AFTERTREATMENT DIESEL PARTICULATE FILTER FUEL SYSTEM	DPF Fuel Sys
AFTERTREATMENT DIESEL PARTICULATE FILTER IGNITION	Aftertreatment Diesel Particulate Filter Ignition Coil	AFTERTREATMENT DIESEL PARTICULATE FILTER IGNITION Coil	DPF Ign Coil
	Aftertreatment Diesel Particulate Filter Ignition Electrode	AFTERTREATMENT DIESEL PARTICULATE FILTER IGNITION Electrode	DPF Ign Electrode
AFTERTREATMENT DIESEL PARTICULATE FILTER REGENERATION	Aftertreatment Diesel Particulate Filter Regeneration	AFTERTREATMENT DIESEL PARTICULATE FILTER REGENERATION	DPF Regen
AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT	Aftertreatment Diesel Particulate Filter Soot Load	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Load	DPF Soot Ld
	Aftertreatment Diesel Particulate Filter Soot Load Regeneration Threshold	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Load Regeneration Threshold	DPF Soot Ld Regen Threshold
	Aftertreatment Diesel Particulate Filter Soot Mean Calibration Offset	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Mean Calibration Offset	DPF Soot Mean Cal Offset

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment Diesel Particulate Filter Soot Sensor Analysis Frequency	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Sensor Analysis Frequency	DPF Soot Sensor Analysis Freq
	Aftertreatment Diesel Particulate Filter Soot Sensor Analysis Request Frequency	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Sensor Analysis Request Frequency	DPF Soot Sensor Analysis Req Freq
	Aftertreatment Diesel Particulate Filter Soot Sensor Frequency Soot Signal	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Sensor Frequency Soot Signal	DPF Soot Sensor Freq Soot Signal
	Aftertreatment Diesel Particulate Filter Soot Standard Deviation Calibration Offset	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Standard Deviation Calibration Offset	DPF Soot Std Deviation Cal Offset
	Diesel Particulate Filter Soot Load Percent	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Load Percent	DPF Soot Ld %
	Diesel Particulate Filter Soot Mass	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Mass	DPF Soot Mass
	Diesel Particulate Filter Soot Signal Maximum	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Signal Maximum	DPF Soot Signal Max
	Diesel Particulate Filter Soot Signal Minimum	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Signal Minimum	DPF Soot Signal Min
	Diesel Particulate Filter Soot Signal Standard Deviation	AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT Signal Standard Deviation	DPF Soot Signal Std Deviation
AFTERTREATMENT DIESEL PARTICULATE FILTER SPARK ASSISTED SYSTEM	Aftertreatment Diesel Particulate Filter Spark Assisted System	AFTERTREATMENT DIESEL PARTICULATE FILTER SPARK ASSISTED SYSTEM	DPF Spark Assist Sys
AFTERTREATMENT DIESEL PARTICULATE FILTER TEMPERATURE SENSOR MODULE	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	AFTERTREATMENT DIESEL PARTICULATE FILTER TEMPERATURE SENSOR MODULE	DPF Temp Snr Module
AFTERTREATMENT EXHAUST GAS	Aftertreatment Exhaust Gas Dew Point	AFTERTREATMENT EXHAUST GAS Dew Point	Exh Gas Dew Point
	Aftertreatment Exhaust Gas Mass Flow	AFTERTREATMENT EXHAUST GAS Mass Flow Rate	Exh Gas Mass Flow Rate
	Aftertreatment Exhaust Gas Sensor System Monitor	AFTERTREATMENT EXHAUST GAS Sensor System Monitor	Exh Gas Sensor Sys Mon
AFTERTREATMENT FUEL	Aftertreatment Fuel Enable Actuator	AFTERTREATMENT FUEL Enable Actuator	AFT Fuel Enable Actuator
	Aftertreatment Fuel Flow Diverter Valve Control	AFTERTREATMENT FUEL Flow Diverter Valve Control	AFT Fuel Flow Diverter Valve Ctrl

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
AFTERTREATMENT FUEL PRESSURE	Aftertreatment Fuel Mass Rate	AFTERTREATMENT FUEL Mass Rate	AFT Fuel Mass Rate
	Aftertreatment Fuel Rate	AFTERTREATMENT FUEL Rate	AFT Fuel Rate
	Aftertreatment Fuel Pressure	AFTERTREATMENT FUEL PRESSURE	AFT Fuel Press
	Aftertreatment Fuel Pressure Actuator Control	AFTERTREATMENT FUEL PRESSURE Actuator Control	AFT Fuel Press Actuator Ctrl
	Aftertreatment Fuel Pressure Control	AFTERTREATMENT FUEL PRESSURE Control	AFT Fuel Press Ctrl
AFTERTREATMENT FUEL PUMP	Aftertreatment Fuel Pressure Control Actuator	AFTERTREATMENT FUEL PRESSURE Control Actuator	AFT Fuel Press Ctrl Actuator
AFTERTREATMENT FUEL SHUTOFF	Aftertreatment Fuel Pump Relay Control	AFTERTREATMENT FUEL PUMP Relay Control	AFT Fuel Pump Rly Ctrl
	Aftertreatment Fuel Shutoff Valve	AFTERTREATMENT FUEL SHUTOFF Valve	AFT Fuel Shutoff Vlv
AFTERTREATMENT GAS OXIDATION CATALYST	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Intake Gas Temperature	GOC In Temp
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Gas Temperature	GOC Out Temp
	Aftertreatment Gas Oxidation Catalyst	AFTERTREATMENT GAS OXIDATION CATALYST	GOC
	Aftertreatment Gas Oxidation Catalyst Differential Gas Pressure	AFTERTREATMENT GAS OXIDATION CATALYST Differential Gas Pressure	GOC Diff Press
	Aftertreatment Gas Oxidation Catalyst Differential Gas Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Differential Gas Temperature	GOC Diff Temp
	Aftertreatment Gas Oxidation Catalyst Inlet Pressure	AFTERTREATMENT GAS OXIDATION CATALYST Intake Pressure	GOC In Press
	Aftertreatment Gas Oxidation Catalyst Inlet Pressure Sensor	AFTERTREATMENT GAS OXIDATION CATALYST Intake Pressure Sensor	GOC In Press Sensor
	Aftertreatment Gas Oxidation Catalyst Inlet Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Intake Gas Temperature	GOC In Temp
	Aftertreatment Gas Oxidation Catalyst Inlet Temperature Sensor	AFTERTREATMENT GAS OXIDATION CATALYST Intake Gas Temperature Sensor	GOC In Temp Sensor
	Aftertreatment Gas Oxidation Catalyst Intake Gas Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Intake Gas Temperature	GOC In Temp
	Aftertreatment Gas Oxidation Catalyst Outlet Gas Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Gas Temperature	GOC Out Temp

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
AFTERTREATMENT HYDROCARBON DOSER	Aftertreatment Gas Oxidation Catalyst Outlet Pressure	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Pressure	GOC Out Press
	Aftertreatment Gas Oxidation Catalyst Outlet Pressure Sensor	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Pressure Sensor	GOC Out Press Sensor
	Aftertreatment Gas Oxidation Catalyst Outlet Temperature	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Gas Temperature	GOC Out Temp
	Aftertreatment Gas Oxidation Catalyst Outlet Temperature Sensor	AFTERTREATMENT GAS OXIDATION CATALYST Outlet Gas Temperature Sensor	GOC Out Temp Sensor
	COC (Continuous Oxidation Catalyst) <sup>†</sup>	AFTERTREATMENT GAS OXIDATION CATALYST	GOC
	OC (Oxidation Catalyst) <sup>†</sup>	AFTERTREATMENT GAS OXIDATION CATALYST	GOC
	Oxidation Catalytic Converter <sup>†</sup>	AFTERTREATMENT GAS OXIDATION CATALYST	GOC
	Aftertreatment Doser	AFTERTREATMENT HYDROCARBON DOSER	HC Doser
	Aftertreatment Doser Heater Control	AFTERTREATMENT HYDROCARBON DOSER Heater Control	HC Doser Htr Ctrl
	Aftertreatment Doser Purging Needed	AFTERTREATMENT HYDROCARBON DOSER Purging Required	HC Doser Purging Needed
	Aftertreatment Hydrocarbon Doser	AFTERTREATMENT HYDROCARBON DOSER	HC Doser
	Aftertreatment Hydrocarbon Doser Intake Fuel Temperature	AFTERTREATMENT HYDROCARBON DOSER Intake Fuel Temperature	HC Doser In Fuel Temp
	Aftertreatment Hydrocarbon Doser Purging Needed	AFTERTREATMENT HYDROCARBON DOSER Purging Required	HC Doser Purging Needed
	Aftertreatment Injector	AFTERTREATMENT HYDROCARBON DOSER	HC Doser
AFTERTREATMENT HYDROCARBON DOSING SYSTEM	Doser	AFTERTREATMENT HYDROCARBON DOSER	HC Doser
	Doser Pump	AFTERTREATMENT HYDROCARBON DOSER Pump	HC Doser Pump
	Aftertreatment Hydrocarbon Dosing System	AFTERTREATMENT HYDROCARBON DOSING SYSTEM	HC Dosing Sys
AFTERTREATMENT IGNITION	Aftertreatment Ignition	AFTERTREATMENT IGNITION	AFT IGN

<sup>†</sup> These terms might have been used to refer to aftertreatment systems on diesel engines, in which case Aftertreatment Diesel Oxidation Catalyst (AFTDOC) would be the correct recommended term.



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment Ignition Coil Secondary Output	AFTERTREATMENT IGNITION Coil Secondary Output	AFT IGN Coil Secondary Output
	Aftertreatment Ignition Transformer Secondary Output	AFTERTREATMENT IGNITION Transformer Secondary Output	AFT IGN Transformer Secondary Output
AFTERTREATMENT INTAKE	Aftertreatment Intake %O2	AFTERTREATMENT INTAKE Percent O2	AFT In %O2
	Aftertreatment Intake Wide-Range Percent O2 Reading Stable	AFTERTREATMENT INTAKE Wide-range Percent O2 Reading Stable	AFT In Wide-range %O2 Reading Stable
AFTERTREATMENT INTAKE GAS SENSOR	Aftertreatment Intake Gas Sensor at Temperature	AFTERTREATMENT INTAKE GAS SENSOR At Temperature	AFT In Gas Sensor at Temp
	Aftertreatment Intake Gas Sensor Heater Control	AFTERTREATMENT INTAKE GAS SENSOR Heater Control	AFT In Gas Sensor Htr Ctrl
	Aftertreatment Intake Gas Sensor Power Status	AFTERTREATMENT INTAKE GAS SENSOR Power In Range	AFT In Gas Sensor Pwr In Range
	Aftertreatment Intake Gas Sensor Power Supply	AFTERTREATMENT INTAKE GAS SENSOR Power Supply	AFT In Gas Sensor Pwr Supply
AFTERTREATMENT INTAKE NOX	Aftertreatment Intake NOx	AFTERTREATMENT INTAKE NOX	AFT In NOx
	Aftertreatment Intake NOx Reading Stable	AFTERTREATMENT INTAKE NOX Reading Stable	AFT In NOx Reading Stable
AFTERTREATMENT INTAKE NOX SENSOR	Aftertreatment Inlet Gas NOx Sensor Heater Ratio	AFTERTREATMENT INTAKE NOX SENSOR Heater Ratio	AFT In NOx Sensor Htr Ratio
	Aftertreatment Inlet Gas NOx Sensor New part deviation NOx Gain	AFTERTREATMENT INTAKE NOX SENSOR New Part Deviation NOx Gain	AFT In NOx Sensor New Part Deviation NOx Gain
	Aftertreatment Inlet Gas NOx Sensor New part deviation NOx Offset	AFTERTREATMENT INTAKE NOX SENSOR New Part Deviation NOx Offset	AFT In NOx Sensor New Part Deviation NOx Offset
	Aftertreatment Inlet Gas NOx Sensor NH3 Correction	AFTERTREATMENT INTAKE NOX SENSOR NH3 Correction	AFT In NOx Sensor NH3 Correction
	Aftertreatment Inlet Gas NOx Sensor NO2 Correction	AFTERTREATMENT INTAKE NOX SENSOR NO2 Correction	AFT In NOx Sensor NO2 Correction
	Aftertreatment Intake Dew Point	AFTERTREATMENT INTAKE NOX SENSOR Dew Point	AFT In NOx Sensor Dew Point
	Aftertreatment Intake Gas NOx Sensor Correction of pressure Lambda	AFTERTREATMENT INTAKE NOX SENSOR O2 Pressure Correction	AFT In NOx Sensor O2 Press Correction
	Aftertreatment Intake Gas NOx Sensor Correction of pressure NOx	AFTERTREATMENT INTAKE NOX SENSOR NOX Pressure Correction	AFT In NOx Sensor NOx Press Correction
AFTERTREATMENT NMHC CONVERTING CATALYST	Aftertreatment NMHC Converting Catalyst Monitor	AFTERTREATMENT NMHC CONVERTING CATALYST Monitor	NHMC Converting Cat Mon

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment NMHC Converting Catalyst System Monitor	AFTERTREATMENT NMHC CONVERTING CATALYST System Monitor	NHMC Converting Cat Sys Mon
AFTERTREATMENT NOX ADSORBER	Aftertreatment NOx Adsorber deNOx Regeneration Status	AFTERTREATMENT NOX ADSORBER deNOx Regeneration Status	NOx Adsorber deNOx Regen Status
	Aftertreatment NOx Adsorber deSOx Regeneration Status	AFTERTREATMENT NOX ADSORBER deSOx Regeneration Status	NOx Adsorber deSOx Regen Status
AFTERTREATMENT NOX ADSORBER CATALYST	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT NOX ADSORBER CATALYST Intake Gas Temperature	NAC In Temp
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT NOX ADSORBER CATALYST Outlet Gas Temperature	NAC Out Temp
	Aftertreatment NOx Adsorber Catalyst	AFTERTREATMENT NOX ADSORBER CATALYST	NAC
	Aftertreatment NOx Adsorber Catalyst Differential Pressure	AFTERTREATMENT NOX ADSORBER CATALYST Differential Pressure	NCA Diff Press
	Aftertreatment NOx Adsorber Catalyst Inlet Pressure	AFTERTREATMENT NOX ADSORBER CATALYST Intake Pressure	NAC In Press
	Aftertreatment NOx Adsorber Catalyst Inlet Pressure Sensor	AFTERTREATMENT NOX ADSORBER CATALYST Intake Pressure Sensor	NAC In Press Sensor
	Aftertreatment NOx Adsorber Catalyst Inlet Temperature	AFTERTREATMENT NOX ADSORBER CATALYST Intake Gas Temperature	NAC In Temp
	Aftertreatment NOx Adsorber Catalyst Inlet Temperature Sensor	AFTERTREATMENT NOX ADSORBER CATALYST Intake Gas Temperature Sensor	NAC In Temp Sensor
	Aftertreatment NOx Adsorber Catalyst Outlet Pressure	AFTERTREATMENT NOX ADSORBER CATALYST Outlet Pressure	NAC Out Press
	Aftertreatment NOx Adsorber Catalyst Outlet Pressure Sensor	AFTERTREATMENT NOX ADSORBER CATALYST Outlet Pressure Sensor	NAC Out Press Sensor
	Aftertreatment NOx Adsorber Catalyst Outlet Temperature	AFTERTREATMENT NOX ADSORBER CATALYST Outlet Gas Temperature	NAC Out Temp
	Aftertreatment NOx Adsorber Catalyst Outlet Temperature Sensor	AFTERTREATMENT NOX ADSORBER CATALYST Outlet Gas Temperature Sensor	NAC Out Temp Sensor
AFTERTREATMENT NOX ADSORBING CATALYST	Aftertreatment NOx Adsorbing Catalyst Conversion Efficiency	AFTERTREATMENT NOX ADSORBING CATALYST Conversion Efficiency	NAC Conv Effic
	Aftertreatment NOx Adsorbing Catalyst Dosing System	AFTERTREATMENT NOX ADSORBING CATALYST Dosing System	NAC Dosing Sys
	Aftertreatment NOx Adsorbing Catalyst Missing	AFTERTREATMENT NOX ADSORBING CATALYST Missing	NAC Missing

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment NOx Adsorbing Catalyst System	AFTERTREATMENT NOX ADSORBING CATALYST System	NAC Sys
	Aftertreatment NOx Adsorbing Catalyst System Monitor	AFTERTREATMENT NOX ADSORBING CATALYST System Monitor	NAC Sys Mon
AFTERTREATMENT OUTLET	Aftertreatment Outlet Soot	AFTERTREATMENT OUTLET Soot	AFT Out Soot
	Aftertreatment Outlet Soot Sensor Heater	AFTERTREATMENT OUTLET Soot Sensor Heater	AFT Out Soot Snr Htr
	Aftertreatment Outlet Wide-Range %O2 Reading Stable	AFTERTREATMENT OUTLET Wide-range Percent O2 Reading Stable	AFT Out Wide-range %O2 Reading Stable
AFTERTREATMENT OUTLET GAS SENSOR	Aftertreatment Outlet Gas Sensor at Temperature	AFTERTREATMENT OUTLET GAS SENSOR At Temperature	AFT Out Gas Sensor At Temp
	Aftertreatment Outlet Gas Sensor Heater Control	AFTERTREATMENT OUTLET GAS SENSOR Heater Control	AFT Out Gas Sensor Htr Ctrl
	Aftertreatment Outlet Gas Sensor Power Status	AFTERTREATMENT OUTLET GAS SENSOR Power In Range	AFT Out Gas Sensor Pwr In Range
	Aftertreatment Outlet Gas Sensor Power Supply	AFTERTREATMENT OUTLET GAS SENSOR Power Supply	AFT Out Gas Sensor Pwr Supply
AFTERTREATMENT OUTLET NH3	Aftertreatment Outlet NH3	AFTERTREATMENT OUTLET NH3	AFT Out NH3
	Aftertreatment Outlet NH3 Reading Stable	AFTERTREATMENT OUTLET NH3 Reading Stable	AFT Out NH3 Reading Stable
AFTERTREATMENT OUTLET NH3 GAS SENSOR	Aftertreatment Outlet NH3 Gas Sensor at Temperature	AFTERTREATMENT OUTLET NH3 GAS SENSOR At Temperature	AFT Out NH3 Sensor At Temp
	Aftertreatment Outlet NH3 Gas Sensor Heater Control	AFTERTREATMENT OUTLET NH3 GAS SENSOR Heater Control	AFT Out NH3 Sensor Htr Ctrl
	Aftertreatment Outlet NH3 Gas Sensor Power In Range	AFTERTREATMENT OUTLET NH3 GAS SENSOR Power In Range	AFT Out NH3 Sensor Pwr In Range
AFTERTREATMENT OUTLET NOX	Aftertreatment Outlet NOx	AFTERTREATMENT OUTLET NOX	AFTONOX
	Aftertreatment Outlet NOx Reading Stable	AFTERTREATMENT OUTLET NOX Reading Stable	AFT Out NOx Reading Stable
AFTERTREATMENT OUTLET NOX SENSOR	Aftertreatment Outlet NOx Sensor Correction of pressure Lambda	AFTERTREATMENT OUTLET NOX SENSOR O2 Pressure Correction	AFT Out NOx Sensor O2 Press Correction
	Aftertreatment Outlet NOx Sensor Correction of pressure NOx	AFTERTREATMENT OUTLET NOX SENSOR NOX Pressure Correction	AFT Out NOx Sensor NOx Press Correction
	Aftertreatment Outlet NOx Sensor Heater Ratio	AFTERTREATMENT OUTLET NOX SENSOR Heater Ratio	AFT Out NOx Sensor Htr Ratio
	Aftertreatment Outlet NOx Sensor New part deviation NOx Gain	AFTERTREATMENT OUTLET NOX SENSOR New Part Deviation NOx Gain	AFT Out NOx Sensor New Part Deviation NOx Gain

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment Outlet NOx Sensor New part deviation NOx Offset	AFTERTREATMENT OUTLET NOX SENSOR New Part Deviation NOX Offset	AFT Out NOx Sensor New Part Deviation NOx Offset
	Aftertreatment Outlet NOx Sensor NH3 Correction	AFTERTREATMENT OUTLET NOX SENSOR NH3 Correction	AFT Out NOx Sensor NH3 Correction
	Aftertreatment Outlet NOx Sensor NO2 Correction	AFTERTREATMENT OUTLET NOX SENSOR NO2 Correction	AFT Out NOx Sensor NO2 Correction
AFTERTREATMENT OUTLET PERCENT O2	Aftertreatment Outlet %O2	AFTERTREATMENT OUTLET PERCENT O2	AFT Out %O2
AFTERTREATMENT POST SCR NH3	Aftertreatment Post SCR Catalyst NH3 Conversion Efficiency	AFTERTREATMENT POST SCR NH3 Conversion Efficiency	Post SCR NH3 Conv Effic
AFTERTREATMENT PURGE AIR	Aftertreatment Purge Air Actuator	AFTERTREATMENT PURGE AIR Actuator	AFT Purge Air Actuator
	Aftertreatment Purge Air Pressure	AFTERTREATMENT PURGE AIR Pressure	AFT Purge Air Press
AFTERTREATMENT REGENERATION	Aftertreatment Regeneration Manually Disabled	AFTERTREATMENT REGENERATION Manually Disabled	Regen Manually Disabled
	Aftertreatment Regeneration Status	AFTERTREATMENT REGENERATION Status	Regen Status
AFTERTREATMENT SECONDARY AIR	AFTERTREATMENT SECONDARY AIR Differential Pressure	AFTERTREATMENT SECONDARY AIR Differential Pressure	AFT Secondary Air Diff Press
	AFTERTREATMENT SECONDARY AIR Mass Flow	AFTERTREATMENT SECONDARY AIR Mass Flow	AFT Secondary Air Mass Flow
	AFTERTREATMENT SECONDARY AIR Pressure	AFTERTREATMENT SECONDARY AIR Pressure	AFT Secondary Air Press
	AFTERTREATMENT SECONDARY AIR Temperature	AFTERTREATMENT SECONDARY AIR Temperature	AFT Secondary Air Temp
AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION	Aftertreatment Diesel Exhaust Fluid Tank Low Level Indicator	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Operator Inducement Active	SCR Op Indcmnt Active
	Aftertreatment Diesel Exhaust Fluid Tank Low Level Indicator Traveled Distance	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Operator Inducement Active Traveled Distance	SCR Op Indcmnt Active Traveled Dist
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake Gas Temperature	SCR In Temp
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet Gas Temperature	SCR Out Temp

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment SCR Catalyst Conversion Efficiency	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Conversion Efficiency	SCR Conv Effic
	Aftertreatment SCR Catalyst System	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION System	SCR Sys
	Aftertreatment SCR Catalyst System Missing	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION System Missing	SCR Sys Missing
	Aftertreatment SCR Commanded Catalyst Reagent Consumption	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Commanded DIESEL EXHAUST FLUID Consumption	DEF Cmd Cons
	Aftertreatment SCR Doser Fault Suppression Request	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION DOSER Fault Suppression Request	DEFD Fault Suppression Req
	Aftertreatment SCR Doser Heating Mode Request	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION DOSER Heating Mode Request	DEFD Htg Mode Req
	Aftertreatment SCR Dosing Air Assist Absolute Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Air Assist Absolute Pressure	DEF Dosing Air Assist Abs Press
	Aftertreatment SCR Dosing Air Assist Pump	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Air Assist Pump	SCR Dosing Air Assist Pump
	Aftertreatment SCR Dosing Air Assist Pump Relay	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Air Assist Pump Relay	SCR Dosing Air Assist Pump Rly
	Aftertreatment SCR Dosing Air Assist Valve	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Air Assist Valve	SCR Dosing Air Assist Vlv
	Aftertreatment SCR Dosing Valve Exhaust Temp. Reduction Request	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Valve Exhaust Temperature Reduction Request	SCR Dosing Vlv Exh Temp Reduction Req
	Aftertreatment SCR Feedback Control Status	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Feedback Control Status	SCR Fdbk Ctrl Status
	Aftertreatment SCR Intermediate Gas Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Gas Temperature	SCR Intmd Gas Temp
	Aftertreatment SCR Intermediate NH3 Sensor Heater Control	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3 Sensor Heater Control	SCR Intmd NH3 Snsr Htr Ctrl
	Aftertreatment SCR Monitoring System Malfunction	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Monitoring System Malfunction	SCR Monitoring Sys Malfunction

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment SCR Operator Inducement Severity	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Operator Inducement Severity	SCR Op Indcmnt Severity
	Aftertreatment SCR System Requested State	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION System Requested State	SCR Sys Req State
	Aftertreatment SCR System State	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION System State	SCR Sys State
	Aftertreatment Selective Catalytic Reduction	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION	SCR
	Aftertreatment Selective Catalytic Reduction Differential Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Differential Pressure	SCR Diff Press
	Aftertreatment Selective Catalytic Reduction Dosing Air Assist Absolute Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Dosing Air Assist Absolute Pressure	SCR Dosing Air Assist Abs Press
	Aftertreatment Selective Catalytic Reduction Exhaust Gas Differential Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Exhaust Gas Differential Pressure	SCR Diff Pres
	Aftertreatment Selective Catalytic Reduction Inlet Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake Gas Pressure	SCR In Press
	Aftertreatment Selective Catalytic Reduction Inlet Pressure Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake Gas Pressure Sensor	SCR In Press Sensor
	Aftertreatment Selective Catalytic Reduction Inlet Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake Gas Temperature	SCR In Temp
	Aftertreatment Selective Catalytic Reduction Inlet Temperature Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake Gas Temperature Sensor	SCR In Temp Sensor
	Aftertreatment Selective Catalytic Reduction Intake NOx Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intake NOx Sensor	SCR In NOx Sensor
	Aftertreatment Selective Catalytic Reduction Intermediate NH3	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3	SCR Intmd NH3
	Aftertreatment Selective Catalytic Reduction Intermediate NH3 Reading Stable	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3 Reading Stable	SCR Intmd NH3 Reading Stable
	Aftertreatment Selective Catalytic Reduction Intermediate NH3 Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3 Sensor	SCR Intmd NH3 Snsr

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment Selective Catalytic Reduction Intermediate NH3 Sensor at Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3 Sensor at Temperature	SCR Intmd NH3 Snsr at Temperature
	Aftertreatment Selective Catalytic Reduction Intermediate NH3 Sensor Power In Range	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Intermediate NH3 Sensor Power In Range	SCR Intmd NH3 Snsr Power In Range
	Aftertreatment Selective Catalytic Reduction Outlet NOx Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet NOx Sensor	SCR Out NOx Sensor
	Aftertreatment Selective Catalytic Reduction Outlet Pressure	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet Gas Pressure	SCR Out Press
	Aftertreatment Selective Catalytic Reduction Outlet Pressure Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet Gas Pressure Sensor	SCR Out Press Snsr
	Aftertreatment Selective Catalytic Reduction Outlet Temperature	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet Gas Temperature	SCR Out Temp
	Aftertreatment Selective Catalytic Reduction Outlet Temperature Sensor	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Outlet Gas Temperature Sensor	SCR Out Temp Snsr
	SCR Thermal Management Active	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION Thermal Management Active	SCR Thermal Mgt Active
AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION TEMPERATURE SENSOR MODULE	Aftertreatment Selective Catalytic Reduction Temperature Sensor Module	AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION TEMPERATURE SENSOR MODULE	SCR Temp Snsr Module
AFTERTREATMENT THREE WAY CATALYST	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT THREE WAY CATALYST Intake Gas Temperature	TWC In Temp
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT THREE WAY CATALYST Outlet Gas Temperature	TWC Out Temp
	Aftertreatment Three Way Catalyst Differential Gas Temperature	AFTERTREATMENT THREE WAY CATALYST Differential Gas Temperature	TWC Diff Temp
	Aftertreatment Three Way Catalytic Converter Differential Pressure	AFTERTREATMENT THREE WAY CATALYST Differential Gas Pressure	TWC Diff Press
	Aftertreatment Three Way Catalytic Converter Intake Gas Temperature	AFTERTREATMENT THREE WAY CATALYST Intake Gas Temperature	TWC In Temp
	Aftertreatment Three Way Catalytic Converter Outlet Gas Temperature	AFTERTREATMENT THREE WAY CATALYST Outlet Gas Temperature	TWC Out Temp



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Gas Temperature	WU DOC In Temp
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Gas Temperature Sensor	WU DOC In Temp Sensor
	Aftertreatment Exhaust Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Temperature	WU DOC Out Temp
	Aftertreatment Warm Up Diesel Oxidation Catalyst	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST	WU DOC
	Aftertreatment Warm Up Diesel Oxidation Catalyst Conversion Efficiency	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Conversion Efficiency	WU DOC Conv Effic
	Aftertreatment Warm Up Diesel Oxidation Catalyst Differential Pressure	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Differential Pressure	WU DOC Diff Press
	Aftertreatment Warm Up Diesel Oxidation Catalyst Inlet Pressure	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Pressure	WU DOC In Press
	Aftertreatment Warm Up Diesel Oxidation Catalyst Inlet Pressure Sensor	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Pressure Sensor	WU DOC In Press Sensor
	Aftertreatment Warm Up Diesel Oxidation Catalyst Inlet Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Temperature	WU DOC In Temp
	Aftertreatment Warm Up Diesel Oxidation Catalyst Inlet Temperature Sensor	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Temperature Sensor	WU DOC In Temp Sensor
	Aftertreatment Warm Up Diesel Oxidation Catalyst Intake Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Temperature	WU DOC In Temp
	Aftertreatment Warm Up Diesel Oxidation Catalyst Intake Gas Temperature Sensor	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Intake Temperature Sensor	WU DOC In Temp Sensor
	Aftertreatment Warm Up Diesel Oxidation Catalyst Missing	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Missing	WU DOC Missing
	Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Temperature	WU DOC Out Temp
	Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Gas Temperature	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Temperature	WU DOC Out Temp

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Gas Temperature Sensor	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Temperature Sensor	WU DOC Out Temp Sensor
	Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Pressure	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Pressure	WU DOC Out Press
	Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Pressure Sensor	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST Outlet Pressure Sensor	WU DOC Out Press Sensor
	Light Off Catalyst	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST	WU DOC
	Warm Up Oxidation Catalytic Converter	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST	WU DOC
	WU-OC(Warm Up Oxidation Catalytic Converter)	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST	WU DOC
AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST TEMPERATURE SENSOR MODULE	Aftertreatment Warm Up Diesel Oxidation Catalyst Temperature Sensor Module	AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST TEMPERATURE SENSOR MODULE	WU DOC Temp Snsr Module
AFTERTREATMENT WARM UP THREE WAY CATALYST	Light Off Catalyst	AFTERTREATMENT WARM UP THREE WAY CATALYST	WU TWC
	Warm Up Three Way Catalytic Converter	AFTERTREATMENT WARM UP THREE WAY CATALYST	WU TWC
	WU-TWC (Warm Up Three Way Catalytic Converter)	AFTERTREATMENT WARM UP THREE WAY CATALYST	WU TWC
AIR CLEANER	ACH (Air Cleaner Housing)	AIR CLEANER Housing	ACL Housing
	ACL (Air Cleaner)	AIR CLEANER	ACL
	ACL (Air Cleaner) Element	AIR CLEANER Element	ACL Element
	ACL (Air Cleaner) Housing	AIR CLEANER Housing	ACL Housing
	ACL (Air Cleaner) Housing Cover	AIR CLEANER Housing Cover	ACL Housing Cover
	Air Cleaner	AIR CLEANER	ACL
	Air Cleaner Element	AIR CLEANER Element	ACL Element
	Air Cleaner Housing	AIR CLEANER Housing	ACL Housing
	Air Cleaner Housing Cover	AIR CLEANER Housing Cover	ACL Housing Cover
	Thermac Air Cleaner	AIR CLEANER	ACL
AIR CLEANER DIFFERENTIAL PRESSURE	Air Filter Differential Pressure	AIR CLEANER DIFFERENTIAL PRESSURE	ACL DIFFERENTIAL PRESSURE
AIR CONDITIONING SYSTEM	Air Conditioning System Component Monitor	AIR CONDITIONING SYSTEM Component Monitor	AC Sys Component Monitor

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
AIR FUEL RATIO	Air Fuel Ratio	AIR FUEL RATIO	AFR
AIR FUEL RATIO CONTROL	AFC (Air Fuel Control)	AIR FUEL RATIO CONTROL	AFRC
	Air Fuel Control	AIR FUEL RATIO CONTROL	AFRC
	Air Fuel Ratio Control	AIR FUEL RATIO CONTROL	AFRC
	Fuel Air Ratio Control	AIR FUEL RATIO CONTROL	AFRC
	SPL (Smoke Puff Limiter)	AIR FUEL RATIO CONTROL	AFRC
ALTERNATOR	Alternator Current	ALTERNATOR Current	AC
AMBER WARNING LAMP	Check Engine Light	AMBER WARNING LAMP	AWL
AMBIENT AIR TEMPERATURE	Air Inlet Temperature	AMBIENT AIR TEMPERATURE	AAT
	Air Temperature Sensor	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
	Ambient Air Temperature	AMBIENT AIR TEMPERATURE	AAT
	Ambient Air Temperature Sensor	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
	ATS (Air Temperature Sensor)	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
	IAT (Intake Air Temperature)	AMBIENT AIR TEMPERATURE	AAT
	IAT (Intake Air Temperature) Sensor	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
	IATS (Intake Air Temperature Sensor)	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
	Intake Air Temperature	AMBIENT AIR TEMPERATURE	AAT
	Intake Air Temperature Sensor	AMBIENT AIR TEMPERATURE Sensor	AAT Sensor
APPLICABLE SYSTEM MONITOR DENOMINATOR	Applicable System Monitor Denominator	APPLICABLE SYSTEM MONITOR DENOMINATOR	Applicable Sys Monitor Denominator
APPLICABLE SYSTEM MONITOR NUMERATOR	Applicable System Monitor Numerator	APPLICABLE SYSTEM MONITOR NUMERATOR	Applicable Sys Monitor Numerator
AUTOMATIC TRANSAXLE	A/T (Automatic Transaxle)	AUTOMATIC TRANSAXLE	A/T
	Automatic Transaxle	AUTOMATIC TRANSAXLE	A/T
AUTOMATIC TRANSMISSION	A/T (Automatic Transmission)	AUTOMATIC TRANSMISSION	A/T
	Automatic Transmission	AUTOMATIC TRANSMISSION	A/T
	EATX (Electronic Automatic Transmission / Transaxle)	AUTOMATIC TRANSMISSION	A/T
AUTOMOTIVE LIMITING SPEED GOVERNOR	Automotive Governor	AUTOMOTIVE LIMITING SPEED GOVERNOR	ALSG
	Limiting Speed Governor	AUTOMOTIVE LIMITING SPEED GOVERNOR	ALSG

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Min/Max Governor	AUTOMOTIVE LIMITING SPEED GOVERNOR	ALSG
AUXILIARY EMISSIONS CONTROL DEVICE	Auxiliary Emissions Control Device Engine Hours Timer	AUXILIARY EMISSIONS CONTROL DEVICE Engine Hours Timer	AECD Eng Hr Timer
	Auxiliary Emissions Control Device Number	AUXILIARY EMISSIONS CONTROL DEVICE Number	AECD Number
AUXILIARY HEATER COOLANT PUMP	Auxiliary Heater Coolant Pump Request	AUXILIARY HEATER COOLANT PUMP Request	AUX Htr Coolant Pump Req
AUXILIARY PRESSURE	Auxiliary Pressure Sensor	AUXILIARY PRESSURE Sensor	AUXP Sensor
AUXILIARY TEMPERATURE	Auxiliary Temperature Sensor	AUXILIARY TEMPERATURE Sensor	AUXT Sensor
BAROMETRIC PRESSURE	Ambient Air Pressure	BAROMETRIC PRESSURE	BARO
	Ambient Air Pressure Sensor	BAROMETRIC PRESSURE Sensor	BARO Sensor
	Analog Barometric Air Pressure	BAROMETRIC PRESSURE	BARO
	APS (Absolute Pressure Sensor)	BAROMETRIC PRESSURE Sensor	BARO Sensor
	Atmospheric Air Pressure	BAROMETRIC PRESSURE	BARO
	BARO (Barometric Pressure)	BAROMETRIC PRESSURE	BARO
	Barometric Absolute Pressure	BAROMETRIC PRESSURE	BARO
	Barometric Pressure Sensor	BAROMETRIC PRESSURE Sensor	BARO Sensor
	BP (Barometric Pressure) Sensor	BAROMETRIC PRESSURE Sensor	BARO Sensor
	Extended Range Barometric Pressure	Extended Range BAROMETRIC PRESSURE	Extended Range BARO
BATTERY POTENTIAL	Battery Potential / Power Input	BATTERY POTENTIAL Power Input	Battery Potential Pwr Input
BRAKE PEDAL POSITION	BPP (Brake Pedal Position)	BRAKE PEDAL POSITION	BPP
	Brake Pedal Position	BRAKE PEDAL POSITION	BPP
	Left Brake Pedal Position	Left BRAKE PEDAL POSITION	Left BPP
	Right Brake Pedal Position	Right BRAKE PEDAL POSITION	Right BPP
BRAKE SWITCH	Brake Switch	BRAKE SWITCH	Brk Sw
CAB INTERIOR	Cab Interior Temperature Thermostat	CAB INTERIOR Temperature Thermostat	Cab Interior Temp Thermostat
CALCULATED LOAD VALUE	Calculated Load Value	CALCULATED LOAD VALUE	LOAD
	LOAD (Calculated Load Value)	CALCULATED LOAD VALUE	LOAD
CALIBRATION	Calibration Identification	CALIBRATION Identification	CAL ID

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
CAMSHAFT POSITION	Calibration Memory	CALIBRATION Memory	CAL Memory
	Calibration Module	CALIBRATION Module	CAL Module
	Calibration Verification Number	CALIBRATION Verification Number	CVN
	Camshaft Position	CAMSHAFT POSITION	CMP
	Camshaft Position Actuator	CAMSHAFT POSITION Actuator	CMP Actuator
	Camshaft Position Controller	CAMSHAFT POSITION Controller	CMP Controller
	Camshaft Position Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
	Camshaft Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
	Camshaft Timing Actuator	CAMSHAFT POSITION Actuator	CMP Actuator
	CID (Cylinder Identification) Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
	CMP (Camshaft Position)	CAMSHAFT POSITION	CMP
	CMP (Camshaft Position) Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
	CPS (Camshaft Position Sensor)	CAMSHAFT POSITION Sensor	CMP Sensor
	Cylinder ID (Identification) Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
	Engine Position Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
CANISTER	Sync Pickup	CAMSHAFT POSITION	CMP
	Timing Reference Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
CARBURETOR	Timing Sensor	CAMSHAFT POSITION Sensor	CMP Sensor
	Canister	CANISTER	CANISTER
CATALYST BANK	CARB (Carburetor)	CARBURETOR	CARB
	Carburetor	CARBURETOR	CARB
	FBC (Feed Back Carburetor)	CARBURETOR	CARB
CATALYST HEATER	Catalyst Bank System Monitor	CATALYST BANK System Monitor	Catalyst Bank Sys Monitor
CERTIFICATION ENGINE FAMILY NAME	Catalytic Converter Heater	CATALYST HEATER	CATALYST HEATER
CHARGING SYSTEM	Certification Engine Family Name	CERTIFICATION ENGINE FAMILY NAME	Cert Eng Fam Nm
CLOSED LOOP	Charging System Potential Voltage	CHARGING SYSTEM Potential Voltage	Charging Sys Potential V
	CL (Closed Loop)	CLOSED LOOP	CL
	CLS (Closed Loop System)	CLOSED LOOP	CL

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
CLOSED THROTTLE POSITION	Closed Throttle Position	CLOSED THROTTLE POSITION	CTP
	Closed Throttle Switch	CLOSED THROTTLE POSITION Switch	CTP Switch
	CTP (Closed Throttle Position)	CLOSED THROTTLE POSITION	CTP
CLUTCH PEDAL POSITION	Clutch Engage Switch	CLUTCH PEDAL POSITION Switch	CPP Switch
	Clutch Pedal Position Switch	CLUTCH PEDAL POSITION Switch	CPP Switch
	Clutch Start Switch	CLUTCH PEDAL POSITION Switch	CPP Switch
	Clutch Switch	CLUTCH PEDAL POSITION Switch	CPP Switch
	CPP (Clutch Pedal Position)	CLUTCH PEDAL POSITION	CPP
	CPP (Clutch Pedal Position) Switch	CLUTCH PEDAL POSITION Switch	CPP Switch
COAST CLUTCH SOLENOID	CCS (Coast Clutch Solenoid)	COAST CLUTCH SOLENOID	CCS
	CCS (Coast Clutch Solenoid) Valve	COAST CLUTCH SOLENOID Valve	CCS Valve
COLD MODE	Cold Mode	COLD MODE	CM
COLD START	Engine Cold Start Emission Reduction Strategy System Monitor	Engine COLD START Emission Reduction Strategy System Monitor	Eng Cold Start Emission Reduction Strategy System Monitor
COMBUSTION	Engine Average Combustion Time	Engine Average COMBUSTION Time	Avg Combustion Time
	Engine Cylinder Combustion Status	Engine Cylinder COMBUSTION Status	Cyl Combustion
	Engine Cylinder Combustion Time	Engine Cylinder COMBUSTION Time	Cyl Combustion Time
	Engine Desired Combustion Time	Engine Desired Cylinder COMBUSTION Time	Desired Cyl Combustion Time
COMPACT DISC READ ONLY MEMORY	CDROM (Compact Disc Read Only Memory)	COMPACT DISC READ ONLY MEMORY	CDROM
COMPREHENSIVE COMPONENT MONITOR	Comprehensive Component Monitor	COMPREHENSIVE COMPONENT MONITOR	CCM
COMPRESSION RATIO	Compression Ratio	COMPRESSION RATIO	CR
CONTINUOUS FUEL INJECTION	CFI (Continuous Fuel Injection)	CONTINUOUS FUEL INJECTION	CFI
	CIS (Continuous Injection System)	CONTINUOUS FUEL INJECTION	CFI
	CIS-E (Continuous Injection System Electronic)	CONTINUOUS FUEL INJECTION	CFI
	Continuous Fuel Injection	CONTINUOUS FUEL INJECTION	CFI

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Continuous Injection System	CONTINUOUS FUEL INJECTION System	CFI System
	Continuous Injection System - E	Electronic CONTINUOUS FUEL INJECTION System	Electronic CFI System
	FI (Fuel Injection)	CONTINUOUS FUEL INJECTION	CFI
	Fuel Injection	CONTINUOUS FUEL INJECTION	CFI
	KE-Jetronic	CONTINUOUS FUEL INJECTION	CFI
	KE-Motronic	CONTINUOUS FUEL INJECTION	CFI
	K-Jetronic	CONTINUOUS FUEL INJECTION	CFI
COOLANT DIVERTER VALVE	Engine Coolant Diverter Valve	Engine COOLANT DIVERTER VALVE	Eng Coolant Diverter Valve
COOLANT FILTER	Engine Coolant Filter Differential Pressure	ENGINE COOLANT FILTER Differential Pressure	Eng Coolant Filter Diff Press
COOLANT PRESSURE	Coolant Pressure Sensor	COOLANT PRESSURE Sensor	CP Sensor
	Engine Coolant Loop Pressure	Engine Secondary Coolant Circuit COOLANT PRESSURE	Secondary Circuit ECP
	Engine Coolant Pressure	Engine COOLANT PRESSURE	ECP
	Engine Extended Range Engine Coolant Pressure	Engine COOLANT PRESSURE	ECP
COOLANT PUMP	Engine Coolant Circulating Pump Control	Engine COOLANT PUMP Control	Eng Cool Pump Ctrl
	Engine Coolant Pump Command	Engine COOLANT PUMP Command	Eng Cool Pump Cmd
	Engine Coolant Pump Differential Pressure	Engine COOLANT PUMP Differential Pressure	Eng Cool Pump Diff Pres
	Engine Coolant Pump Outlet Temperature	Engine COOLANT PUMP Outlet Temperature	Eng Cool Pump Outlet Temp
COOLANT THERMOSTAT	Engine Coolant System Thermostat	Engine COOLANT THERMOSTAT	Eng Cool Thermostat
	Engine Coolant Thermostat Mode	Engine COOLANT THERMOSTAT Mode	Eng Cool Thermostat Mode
	Engine Coolant Thermostat Opening	Engine COOLANT THERMOSTAT Opening	Eng Cool Thermostat Opening
CRANKCASE	Engine High Resolution Crankcase Pressure	Engine High Resolution CRANKCASE Pressure	Hi Res Crankcase Press
CRANKCASE BREATHER	Crankcase Breather	CRANKCASE BREATHER	CCB
CRANKCASE BREATHER OIL SEPARATOR	Engine Crankcase Breather Oil Separator	ENGINE CRANKCASE BREATHER OIL SEPARATOR	CCB Oil Separator
CRANKCASE PRESSURE	Crankcase Pressure	Engine CRANKCASE PRESSURE	CCP
	Engine Crankcase Pressure	Engine CRANKCASE PRESSURE	CCP



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
CRANKSHAFT POSITION	Engine Extended Crankcase Blow-by Pressure	Engine CRANKCASE PRESSURE	CCP
	CKP (Crank Position) Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
	CKP (Crankshaft Position)	CRANKSHAFT POSITION	CKP
	CP (Crankshaft Position)	CRANKSHAFT POSITION	CKP
	CPS (Crankshaft Position Sensor)	CRANKSHAFT POSITION Sensor	CKP Sensor
	Crank Angle Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
	Crankshaft Position	CRANKSHAFT POSITION	CKP
	Crankshaft Position Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
	Engine Position Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
	Engine Speed Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
	PIP (Position Indicator Pulse)	CRANKSHAFT POSITION	CKP
	Speed/Timing Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
CRUISE CONTROL	Synchronous Reference Sensor	CRANKSHAFT POSITION Sensor	CKP Sensor
	Cruise Control Accelerate Switch	CRUISE CONTROL Accelerate Switch	CC Accel Sw
	Cruise Control Active	CRUISE CONTROL Active	CC Active
	Cruise Control Coast (Decelerate) Switch	CRUISE CONTROL Coast (Decelerate) Switch	CC Decel SW
	Cruise Control Enable Switch	CRUISE CONTROL Enable Switch	CC Enable Sw
	Cruise Control Resume Switch	CRUISE CONTROL Resume Switch	CC Resume Sw
	Cruise Control Set Speed	CRUISE CONTROL Set Speed	CC Set Spd
CYLINDER	Cruise Control Set Switch	CRUISE CONTROL Set Switch	CC Set Sw
	Cruise Control States	CRUISE CONTROL States	CC States
	Engine Multiple Cylinder Spark Voltage	Engine Multiple CYLINDER Spark Voltage	Multiple Cylinder Spark Voltage
DATA LINK CONNECTOR	ALCL (Assembly Line Communication Link)	DATA LINK CONNECTOR	DLC
	ALDL (Assembly Line Diagnostic Link)	DATA LINK CONNECTOR	DLC
	Data Link Connector	DATA LINK CONNECTOR	DLC
	DLC (Data Link Connector)	DATA LINK CONNECTOR	DLC
	VIP (Vehicle in Process) Connector	DATA LINK CONNECTOR	DLC

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
DETERIORATION FACTOR	Deterioration Factor	DETERIORATION FACTOR	DF
DETONATION SENSITIVE TIMING	Detonation Sensitive Timing	DETONATION SENSITIVE TIMING	DST
DIAGNOSTIC CONNECTOR, CAB	Diagnostic Connector	DIAGNOSTIC CONNECTOR, CAB	DCC
	Self Test Connector	DIAGNOSTIC CONNECTOR, CAB	DCC
	Self Test Connector	DIAGNOSTIC CONNECTOR, CAB	DCC
DIAGNOSTIC CONNECTOR, UNDERHOOD	Diagnostic Connector	DIAGNOSTIC CONNECTOR, UNDERHOOD	DCU
	Self Test Connector	DIAGNOSTIC CONNECTOR, UNDERHOOD	DCU
	Self Test Connector	DIAGNOSTIC CONNECTOR, UNDERHOOD	DCU
DIAGNOSTIC TEST MODE	Diagnostic Switch	DIAGNOSTIC TEST MODE Switch	DTM Switch
	Diagnostic Test Mode	DIAGNOSTIC TEST MODE	DTM
	DTM (Diagnostic Test Mode)	DIAGNOSTIC TEST MODE	DTM
	Modes	DIAGNOSTIC TEST MODE	DTM
	Self Test Input	DIAGNOSTIC TEST MODE Switch	DTM Switch
DIAGNOSTIC TROUBLE CODE	Diagnostic Fault Code	DIAGNOSTIC TROUBLE CODE	DTC
	Diagnostic Trouble Code	DIAGNOSTIC TROUBLE CODE	DTC
	DTC (Diagnostic Trouble Code)	DIAGNOSTIC TROUBLE CODE	DTC
	Fault Code	DIAGNOSTIC TROUBLE CODE	DTC
	Number of Warm-Ups Since DTCs Cleared	Number of Warm-Ups Since DIAGNOSTIC TROUBLE CODEs Cleared	Num of WU Since DTCs Cleared
	Other ECUs Have Reported Fault Codes Affecting Operation	Other ECUs Have Reported DIAGNOSTIC TROUBLE CODEs Affecting Operation	Other ECUs Have Reported DTCs Affecting Operation
	Self Test Code	DIAGNOSTIC TROUBLE CODE	DTC
	Self Test Codes	DIAGNOSTIC TROUBLE CODE	DTC
	Time Since Diagnostic Trouble Codes Cleared	Time Since DIAGNOSTIC TROUBLE CODEs Cleared	Time Since DTCs Cleared
	Diesel Particulate Filter Active Regeneration Forced Status	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Forced Status	DPF Active Regen Forced Status
DIESEL PARTICULATE FILTER ACTIVE REGENERATION	Diesel Particulate Filter Active Regeneration Inhibited Due to Accelerator Pedal Off Idle	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Accelerator Pedal Off Idle	DPF Active Regen Inhibited Due to Acc Pedal Off Idle

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Diesel Particulate Filter Active Regeneration Inhibited Due to Clutch Disengaged	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Clutch Disengaged	DPF Active Regen Inhibited Due to Clutch Disengaged
	Diesel Particulate Filter Active Regeneration Inhibited Due to Engine Not Warmed Up	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Engine Not Warmed Up	DPF Active Regen Inhibited Due to Eng Not Warmed Up
	Diesel Particulate Filter Active Regeneration Inhibited Due to Inhibit Switch	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Inhibit Switch	DPF Active Regen Inhibited Due to Inhibit Sw
	Diesel Particulate Filter Active Regeneration Inhibited Due to Low Exhaust Gas Temperature	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Low Exhaust Gas Temperature	DPF Active Regen Inhibited Due to Low Exh Temp
	Diesel Particulate Filter Active Regeneration Inhibited Due to Out of Neutral	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Out of Neutral	DPF Active Regen Inhibited Due to Out of Neutral
	Diesel Particulate Filter Active Regeneration Inhibited Due to Parking Brake Not Set	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Parking Brake Not Set	DPF Active Regen Inhibited Due to Parking Brk Not Set
	Diesel Particulate Filter Active Regeneration Inhibited Due to Permanent System Lockout	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Permanent System Lockout	DPF Active Regen Inhibited Due to Permanent Sys Lockout
	Diesel Particulate Filter Active Regeneration Inhibited Due to PTO Active	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to PTO Active	DPF Active Regen Inhibited Due to PTO Active
	Diesel Particulate Filter Active Regeneration Inhibited Due to Service Brake Active	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Service Brake Active	DPF Active Regen Inhibited Due to Svc Brk Active
	Diesel Particulate Filter Active Regeneration Inhibited Due to System Fault Active	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to System Fault Active	DPF Active Regen Inhibited Due to Sys Fault Active
	Diesel Particulate Filter Active Regeneration Inhibited Due to System Timeout	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to System Timeout	DPF Active Regen Inhibited Due to Sys Timeout
	Diesel Particulate Filter Active Regeneration Inhibited Due to Temporary System Lockout	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Temporary System Lockout	DPF Active Regen Inhibited Due to Temporary Sys Lockout
	Diesel Particulate Filter Active Regeneration Inhibited Due to Vehicle Speed Above Allowed Speed	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Vehicle Speed Above Allowed Speed	DPF Active Regen Inhibited Due to VehSpd Above Allowed Spd

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Diesel Particulate Filter Active Regeneration Inhibited Due to Vehicle Speed Below Allowed Speed	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Due to Vehicle Speed Below Allowed Speed	DPF Active Regen Inhibited Due to VehSpd Below Allowed Spd
	Diesel Particulate Filter Active Regeneration Inhibited Status	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Inhibited Status	DPF Active Regen Inhibited Status
	Diesel Particulate Filter Active Regeneration Status	DIESEL PARTICULATE FILTER ACTIVE REGENERATION Status	DPF Active Regen Status
DIRECT FUEL INJECTION	DFI (Direct Fuel Injection)	DIRECT FUEL INJECTION	DFI
	DI (Direct Injection)	DIRECT FUEL INJECTION	DFI
	DID (Direct Injection - Diesel)	DIRECT FUEL INJECTION	DFI
	Direct Fuel Injection	DIRECT FUEL INJECTION	DFI
	FI (Fuel Injection)	DIRECT FUEL INJECTION	DFI
	Fuel Injection	DIRECT FUEL INJECTION	DFI
DIRECT OZONE REDUCTION MONITOR	Direct Ozone Reduction Monitor	DIRECT OZONE REDUCTION MONITOR	DOR Monitor
DISTANCE	Distance Since Diagnostic Trouble Codes Cleared	DISTANCE Since Diagnostic Trouble Codes Cleared	DIST Since DTCs Cleared
	Distance Travelled While MIL is Activated	DISTANCE Travelled While MIL is Activated	DIST Travelled While MIL is Activated
DISTRIBUTOR IGNITION	CDI (Capacitive Discharge Ignition)	DISTRIBUTOR IGNITION	DI
	Closed Bowl Distributor	DISTRIBUTOR IGNITION	DI
	Condenser	DISTRIBUTOR IGNITION Capacitor	DI Capacitor
	DI (Distributor Ignition)	DISTRIBUTOR IGNITION	DI
	DI (Distributor Ignition) Capacitor	DISTRIBUTOR IGNITION Capacitor	DI Capacitor
	Distributor Ignition	DISTRIBUTOR IGNITION	DI
	EDIS (Electronic Distributor Ignition System)	DISTRIBUTOR IGNITION System	DI System
	EI (Electronic Ignition) (With Distributor)	DISTRIBUTOR IGNITION	DI
	ESAC (Electronic Spark Advance Control)	DISTRIBUTOR IGNITION	DI
	HEI (High Energy Ignition)	DISTRIBUTOR IGNITION	DI
	Remote mount TFI (Thick Film Ignition)	DISTRIBUTOR IGNITION	DI
	TFI (Thick Film Ignition)	DISTRIBUTOR IGNITION	DI

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
DRIVER	Driver	DRIVER	DRIVER
EARLY FUEL EVAPORIZATION	Early Fuel Evaporation	EARLY FUEL EVAPORIZATION	EFE
	EFE (Early Fuel Evaporation)	EARLY FUEL EVAPORIZATION	EFE
ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	E2PROM (Electrically Erasable Programmable Read Only Memory)	ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	EEPROM
	EEPROM (Electrically Erasable Programmable Read Only Memory)	ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	EEPROM
	Electrically Erasable Programmable Read Only Memory	ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	EEPROM
ELECTRONIC CALIBRATION CODE	Certification Word Code	ELECTRONIC CALIBRATION CODE	ECC
	Data File P/N	ELECTRONIC CALIBRATION CODE	ECC
	ECM Calibration	ELECTRONIC CALIBRATION CODE	ECC
	ECM Calibration Codes	ELECTRONIC CALIBRATION CODE	ECC
	Electronic Calibration Code	ELECTRONIC CALIBRATION CODE	ECC
	Fuel Pump Code	ELECTRONIC CALIBRATION CODE	ECC
	Personality Data	ELECTRONIC CALIBRATION CODE	ECC
	SC Code	ELECTRONIC CALIBRATION CODE	ECC
	Vehicle Personality Module	ELECTRONIC CALIBRATION CODE	ECC
ELECTRONIC CONTROL UNIT	Controller	ELECTRONIC CONTROL UNIT	ECU
	ECM Main Relay	ELECTRONIC CONTROL UNIT Main Relay	ECU Main Rly
	ECU 8 Volts DC Supply	ELECTRONIC CONTROL UNIT 8 Volts DC Supply	ECU 8 VDC Supply
	ECU Power Output Supply Voltage	ELECTRONIC CONTROL UNIT Power Output Supply Voltage	ECU Pwr Out Supply Voltage
	Electronic Control Module	ELECTRONIC CONTROL UNIT	ECU
ELECTRONIC FUEL CONTROL	Electronic Fuel Control	ELECTRONIC FUEL CONTROL	EFC
	Electronic Fuel Control Valve	ELECTRONIC FUEL CONTROL Valve	EFC Valve
	Fuel Control Valve	ELECTRONIC FUEL CONTROL Valve	EFC Valve
	Gas Admission Valve	ELECTRONIC FUEL CONTROL Valve	EFC Valve
ELECTRONIC IGNITION	C3I (Computer Controlled Coil Ignition)	ELECTRONIC IGNITION	EI
	Direct Ignition System	ELECTRONIC IGNITION System	EI System

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	DIS (Distributorless Ignition System)	ELECTRONIC IGNITION System	EI System
	Distributorless Ignition	ELECTRONIC IGNITION	EI
	DLI (Distributorless Ignition)	ELECTRONIC IGNITION	EI
	EDIS (Electronic Distributorless Ignition System)	ELECTRONIC IGNITION System	EI System
	EI (Electronic Ignition) (Without Distributor)	ELECTRONIC IGNITION	EI
	Electronic Ignition	ELECTRONIC IGNITION	EI
	IDI (Integrated Direct Ignition)	ELECTRONIC IGNITION	EI
ENGINE ACTUAL EXHAUST OXYGEN	Engine Actual Exhaust Oxygen	ENGINE ACTUAL EXHAUST OXYGEN	ENG ACT EXH OXYGEN
ENGINE AFTERCOOLER COOLANT	Desired Aftercooler Coolant Intake Temperature	Desired ENGINE AFTERCOOLER COOLANT Intake Temperature	Desired Eng Aftercooler Coolant In Temp
	Desired Aftercooler Coolant Thermostat Opening	Desired ENGINE AFTERCOOLER COOLANT Thermostat Opening	Desired Aftercooler Coolant Thermostat Opening
	Engine Aftercooler Coolant Level	ENGINE AFTERCOOLER COOLANT Level	Eng Aftercooler Coolant Lvl
	Engine Aftercooler Oil Cooler Coolant Temperature	ENGINE AFTERCOOLER Oil Cooler COOLANT Temperature	Eng Aftercooler Oil Cooler Coolant Temp
ENGINE AIR FILTER	Engine Air Filter Differential Pressure	ENGINE AIR FILTER Differential Pressure	Eng Air Filter Diff Press
ENGINE AIR TO FUEL	Engine Air to Fuel Differential Pressure	ENGINE AIR TO FUEL Differential Pressure	Eng Air to Fuel Diff Press
ENGINE AUTOMATIC START	Engine Automatic Start Alarm	ENGINE AUTOMATIC START Alarm	Auto Start Alarm
	Engine Automatic Start Lamp	ENGINE AUTOMATIC START Lamp	Auto Start Lamp
ENGINE CERTIFICATION PLATE	Engine Certification Plate	ENGINE CERTIFICATION PLATE	ECP
	Engine Data Plate	ENGINE CERTIFICATION PLATE	ECP
ENGINE CHARGE AIR COOLER	Aftercooler	ENGINE CHARGE AIR COOLER	CAC
	Air to Air Aftercooled	ENGINE CHARGE AIR COOLER	CAC
	CAC (Charge Air Cooler)	ENGINE CHARGE AIR COOLER	CAC
	Charge Air Cooler	ENGINE CHARGE AIR COOLER	CAC
	Combined Circuit Aftercooler	ENGINE CHARGE AIR COOLER	CAC
	Engine Charge Air Cooler Ambient Air Temperature	ENGINE CHARGE AIR COOLER Ambient Air Temperature	CAC AAT

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Engine Charge Air Cooler Bypass	ENGINE CHARGE AIR COOLER Bypass	CAC Bypass
	Engine Charge Air Cooler Differential Pressure	ENGINE CHARGE AIR COOLER Differential Pressure	CAC Diff Pres
	Engine Charge Air Cooler Efficiency	ENGINE CHARGE AIR COOLER Efficiency	CAC Effic
	Engine Charge Air Cooler Intake Pressure	ENGINE CHARGE AIR COOLER Intake Pressure	CAC In Pres
	Engine Charge Air Cooler Intake Temperature	ENGINE CHARGE AIR COOLER Intake Temperature	CAC In Temp
	Engine Charge Air Cooler Outlet Pressure	ENGINE CHARGE AIR COOLER Outlet Pressure	CAC Outlet Pres
	Engine Charge Air Cooler Outlet Temperature	ENGINE CHARGE AIR COOLER Outlet Temperature	CAC Outlet Temp
	Engine Charge Air Cooler Precooler Efficiency	ENGINE CHARGE AIR COOLER Precooler Efficiency	CAC Precooler Effic
	Engine Charge Air Cooler Precooler Intake Temperature	ENGINE CHARGE AIR COOLER Precooler Intake Temperature	CAC Precooler In Temp
	Engine Charge Air Cooler Precooler Outlet Temperature	ENGINE CHARGE AIR COOLER Precooler Outlet Temperature	CAC Precooler Outlet Temp
	Engine Intercooler Coolant Level	ENGINE CHARGE AIR COOLER Coolant Level	CAC Coolant Level
	Engine Intercooler Temperature	ENGINE CHARGE AIR COOLER Temperature	CAC Temperature
	Engine Intercooler Thermostat Opening	ENGINE CHARGE AIR COOLER Thermostat Opening	CHARGE AIR COOLER Thermostat Opening
	Intercooler	ENGINE CHARGE AIR COOLER	CAC
	Jacket Water Aftercooler	ENGINE CHARGE AIR COOLER	CAC
	Raw Water Aftercooled	ENGINE CHARGE AIR COOLER	CAC
	Raw Water Aftercooler	ENGINE CHARGE AIR COOLER	CAC
	Separate Circuit Aftercooled	ENGINE CHARGE AIR COOLER	CAC
ENGINE COMPRESSION BRAKE	Engine (Compression) Brake Output	ENGINE COMPRESSION BRAKE Output	Eng Compression Brk Out
ENGINE CONTROL	EC (Engine Control)	ENGINE CONTROL	EC
	EEC (Electronic Engine Control)	ENGINE CONTROL	EC
	Electronic Engine Control	Electronic ENGINE CONTROL	Electronic EC
	Engine Control	ENGINE CONTROL	EC



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
ENGINE CONTROL MODULE	Controller #	ENGINE CONTROL MODULE	ECM
	ECM (Engine Control Module)	ENGINE CONTROL MODULE	ECM
	Electronic Control Module	ENGINE CONTROL MODULE	ECM
	Engine Control Module	ENGINE CONTROL MODULE	ECM
	Engine ECU Temperature	ENGINE CONTROL MODULE Temperature	ECM Temp
ENGINE COOLANT INTAKE TEMPERATURE	Engine Coolant Intake Temperature	ENGINE COOLANT INTAKE TEMPERATURE	ECIT
ENGINE COOLANT LEVEL	Coolant Level Sensor	ENGINE COOLANT LEVEL Sensor	ECL Sensor
	ECL (Engine Coolant Level)	ENGINE COOLANT LEVEL	ECL
	Engine Coolant Level	ENGINE COOLANT LEVEL	ECL
	Engine Coolant Level - Main Radiator	ENGINE COOLANT LEVEL - Main Radiator	ECL - Main Radiator
	Engine Coolant Level Indicator	ENGINE COOLANT LEVEL Indicator	ECL Indicator
ENGINE COOLANT PRESSURE	Coolant Pressure	ENGINE COOLANT PRESSURE	ECP
	Engine Auxiliary Coolant Pressure	Auxiliary ENGINE COOLANT PRESSURE	Aux ECP
ENGINE COOLANT PUMP OUTLET	Desired Engine Coolant Pump Outlet Temperature	Desired ENGINE COOLANT PUMP OUTLET Temperature	Desired Engine Coolant Pump Outlet Temp
ENGINE COOLANT TEMPERATURE	Coolant Temperature Sensor	ENGINE COOLANT TEMPERATURE Sensor	ECT Sensor
	CTS (Coolant Temperature Sensor)	ENGINE COOLANT TEMPERATURE Sensor	ECT Sensor
	CTS (Coolant Temperature Switch)	ENGINE COOLANT TEMPERATURE Switch	ECT Switch
	ECT (Engine Coolant Temperature)	ENGINE COOLANT TEMPERATURE	ECT
	ECT (Engine Coolant Temperature) Sensor	ENGINE COOLANT TEMPERATURE Sensor	ECT Sensor
	ECT (Engine Coolant Temperature) Switch	ENGINE COOLANT TEMPERATURE Switch	ECT Switch
	Engine Auxiliary Coolant Temperature	Auxiliary ENGINE COOLANT TEMPERATURE	Aux ECT
	Engine Coolant Loop Temperature	ENGINE Secondary Coolant Circuit COOLANT TEMPERATURE	Secondary Circuit ECT
	Engine Coolant Outlet Temperature	ENGINE COOLANT Outlet TEMPERATURE	ECOT

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
ENGINE COOLANT THERMOSTAT	Engine Coolant Pre-heated State	ENGINE COOLANT TEMPERATURE Status	ECT Status
	Engine Coolant Temp Sender	ENGINE COOLANT TEMPERATURE Sensor	ECT Sensor
	Engine Coolant Temp Sensor	ENGINE COOLANT TEMPERATURE Sensor	ECT Sensor
	Engine Coolant Temp Switch	ENGINE COOLANT TEMPERATURE Switch	ECT Switch
	Engine Coolant Temperature	ENGINE COOLANT TEMPERATURE	ECT
	Engine Coolant Temperature (High Resolution)	ENGINE COOLANT TEMPERATURE	ECT
	Water Temperature	ENGINE COOLANT TEMPERATURE	ECT
	Desired Engine Coolant Thermostat Opening	Desired ENGINE COOLANT THERMOSTAT Opening	Desired EC Thermostat Opening
	ENGINE COOLING FAN	ENGINE COOLING FAN Drive Output	Eng Cooling Fan Drv Out
	ENGINE COOLING SYSTEM	Auxiliary ENGINE COOLING SYSTEM	Aux Eng Cool Sys
ENGINE CRANKCASE BREATHER OIL SEPARATOR SPEED	Engine Cooling System Monitor	ENGINE COOLING SYSTEM Monitor	Eng Cool Sys
	Engine Crankcase Breather Oil Separator Speed	ENGINE CRANKCASE BREATHER OIL SEPARATOR SPEED	ECBOSS
	ENGINE DERATE	ENGINE DERATE Switch	Engine Derate Sw
	ENGINE DROOP	Accelerator ENGINE DROOP Select	Accel Droop Selection
	Engine Alternate Droop Accelerator Select State	Accelerator ENGINE DROOP Selected Mode	Accel Droop Selected Mode
	Engine Alternate Droop Auxiliary Input Select	Auxiliary Input ENGINE DROOP Select	Aux Input Droop Selection
	Engine Alternate Droop Remote Accelerator Select	Remote Accelerator ENGINE DROOP Select	Remote Accel Droop Selection
	Engine Alternate Droop Remote Accelerator Select State	Remote Accelerator ENGINE DROOP Selected Mode	Remote Accel Droop Selected Mode
	ENGINE EXHAUST BRAKE	ENGINE EXHAUST BRAKE Output	Eng Exh Brk Out
	ENGINE FAN	ENGINE FAN Temperature Switch	Fan Temp Sw
ENGINE FUEL INJECTION	Commanded Engine Fuel Injection Control Pressure	Commanded ENGINE FUEL INJECTION Control Pressure	Cmd Eng Fuel Inj Ctrl Press
ENGINE FUEL RAIL PRESSURE	Commanded Engine Fuel Rail Pressure	Commanded ENGINE FUEL RAIL PRESSURE	Cmd Eng Fuel Rail Press

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
ENGINE FUEL TEMPERATURE	Fuel Temperature	ENGINE FUEL TEMPERATURE	EFT
	Fuel Temperature Sensor	ENGINE FUEL TEMPERATURE Sensor	EFT Sensor
ENGINE GAS METERING VALVE	Engine Gas Metering Valve	ENGINE GAS METERING VALVE	Eng Gas Metering Valve
ENGINE HEATER	Engine Block / Coolant Pre-heater Control	ENGINE Pre-HEATER Control	Eng Preheater
ENGINE INTAKE AIR	Engine Air Intake Pressure	ENGINE INTAKE AIR Pressure	Eng Intake Air Press
	Engine Air Intake Temperature	ENGINE INTAKE AIR Temperature	Eng Intake Air Temp
ENGINE MISFIRE	Engine Misfire Cylinder	ENGINE MISFIRE Cylinder	Misfire Cylinder
	Engine Misfire for Multiple Cylinders	ENGINE MISFIRE for Multiple Cylinders	Misfire for Multiple Cylinders
	Engine Misfire Monitor	ENGINE MISFIRE Monitor	Misfire Monitor
ENGINE MODIFICATION	EM (Engine Modification)	ENGINE MODIFICATION	EM
	Engine Modification	ENGINE MODIFICATION	EM
ENGINE OIL LEVEL	Engine Oil Level	ENGINE OIL LEVEL	EOL
ENGINE OIL PRESSURE	Engine Extended Range Engine Oil Pressure	ENGINE OIL PRESSURE	EOP
	Engine Oil Filter Differential Pressure	ENGINE OIL Filter Differential PRESSURE	Eng Oil Filter Diff Press
	Engine Oil Pressure	ENGINE OIL PRESSURE	EOP
	Engine Oil Pressure in Piston Cooling Gallery	ENGINE OIL PRESSURE in Piston Cooling Gallery	Eng Oil Press in Piston Cooling Gallery
ENGINE OIL TEMPERATURE	Engine Oil Pressure Sensor	ENGINE OIL PRESSURE Sensor	EOP Sensor
	Engine Oil Temperature	ENGINE OIL TEMPERATURE	EOT
	Engine Oil Temperature Sensor	ENGINE OIL TEMPERATURE Sensor	EOT Sensor
ENGINE OIL THERMAL MANAGEMENT SYSTEM	Engine Oil Thermal Management System	ENGINE OIL THERMAL MANAGEMENT SYSTEM	EOTM System
ENGINE OIL THERMOSTAT	Engine Oil Thermostat Bypass Valve Opening	ENGINE OIL THERMOSTAT Bypass Valve Opening	Engine Oil Thermostat Bypass Valve Opening
ENGINE OIL TO COOLANT DIFFERENTIAL TEMPERATURE	Engine Oil to Coolant Differential Temperature	ENGINE OIL TO COOLANT DIFFERENTIAL TEMPERATURE	Eng Oil to Coolant Diff Temp
ENGINE OVERCOOLED	Engine Overcooled	ENGINE OVERCOOLED	ENG OVERCOOLED
ENGINE OVERSPEED	Electronic Speed Switch	ENGINE OVERSPEED Switch	EO Switch
	Engine Momentary Overspeed Enable	Momentary ENGINE OVERSPEED Enable	MEO

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Overspeed Switch	ENGINE OVERSPEED Switch	EO Switch
ENGINE PISTON COOLING OIL PRESSURE SENSOR	Engine Piston Cooling Oil Pressure Sensor	ENGINE PISTON COOLING OIL PRESSURE SENSOR	EPCOP Sensor
ENGINE PISTON COOLING OIL SUPPLY VALVE POSITION	Engine Piston Cooling Oil Supply Valve Opening	Commanded ENGINE PISTON COOLING OIL SUPPLY VALVE POSITION	Engine Piston Cooling Oil Supply Valve Position
ENGINE POSITION	Engine Position Sensor	ENGINE POSITION Sensor	ENG POS Sensor
ENGINE PROTECTION TORQUE DERATE	Engine Protection Torque Derate	ENGINE PROTECTION TORQUE DERATE	Eng Protection Trq Derate
ENGINE RATING	Engine Alternate Rating Select	Alternate ENGINE RATING Select	Alternate Eng Rating Select
	Engine Alternate Rating Select State	Alternate ENGINE RATING Selected Mode	Alternate Eng Rating Selected Mode
ENGINE REFERENCE TORQUE	Engine Reference Torque (Engine Configuration)	ENGINE REFERENCE TORQUE (Engine Configuration)	Eng Ref Trq (Eng Config)
ENGINE SHUTDOWN	Engine Auxiliary Shutdown Switch	Auxiliary ENGINE SHUTDOWN Switch	Aux Eng Shutdown Sw
	Engine Shutdown Override Switch	ENGINE SHUTDOWN Override Switch	Eng Shutdown Override Sw
ENGINE SPEED	Crankshaft Speed	ENGINE SPEED	RPM
	Crankshaft Speed Sensor	ENGINE SPEED Sensor	RPM Sensor
	Engine Extended Range Requested Speed Control Range Upper Limit (Engine configuration)	Requested ENGINE SPEED Control Range Upper Limit	Req RPM Upper Limit
	Engine External Speed Command Input	External ENGINE SPEED Command	External RPM Command
	Engine Requested Speed Control Range Lower Limit (Engine Configuration)	ENGINE Requested SPEED Control Range Lower Limit (Engine Configuration)	Eng Requested Spd Ctrl Range Lower Lmt (Eng Config)
	Engine Requested Speed Control Range Upper Limit (Engine Configuration)	ENGINE Requested SPEED Control Range Upper Limit (Engine Configuration)	Eng Requested Spd Ctrl Range Lower Lmt (Eng Config)
	Engine Speed	ENGINE SPEED	RPM
	Engine Speed At High Idle, Point 6 (Engine Configuration)	ENGINE SPEED At High Idle, Point 6 (Engine Configuration)	Eng RPM At High Idle, Point 6 (Eng Config)
	Engine Speed At Idle, Point 1 (Engine Configuration)	ENGINE SPEED At Idle, Point 1 (Engine Configuration)	Eng RPM At Idle, Point 1 (Eng Config)
	Engine Speed At Point 2 (Engine Configuration)	ENGINE SPEED At Point 2 (Engine Configuration)	Eng RPM At Point 2 (Eng Config)

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Engine Speed At Point 3 (Engine Configuration)	ENGINE SPEED At Point 3 (Engine Configuration)	Eng RPM At Point 3 (Eng Config)
	Engine Speed At Point 4 (Engine Configuration)	ENGINE SPEED At Point 4 (Engine Configuration)	Eng RPM At Point 4 (Eng Config)
	Engine Speed At Point 5 (Engine Configuration)	ENGINE SPEED At Point 5 (Engine Configuration)	Eng RPM At Point 5 (Eng Config)
	Engine Speed Sensor Timing Pattern Status	ENGINE SPEED Sensor Timing Pattern Status	Eng RPM Sensor Timing Pattern Status
	Revolutions per Minute	ENGINE SPEED	RPM
	RPM (Revolutions per Minute)	ENGINE SPEED	RPM
ENGINE TIMING	Engine Actual Ignition Timing	ENGINE Actual Ignition TIMING	Eng Act Ign Timing
	Engine Timing Sensor	ENGINE TIMING Sensor	Eng Timing Sensor
ENGINE TIMING ACTUATOR	Timing Actuator	ENGINE TIMING ACTUATOR	ETA
ENGINE TORQUE	Engine Default Torque Limit	Default ENGINE TORQUE Limit	ENGINE TORQUE LIMIT
	Engine Requested Torque Control Range Lower Limit (Engine Configuration)	ENGINE Requested TORQUE Control Range Lower Limit (Engine Configuration)	Eng Requested Trq Ctrl Range Lower Lmt (Eng Config)
	Engine Requested Torque Control Range Upper Limit (Engine Configuration)	ENGINE Requested TORQUE Control Range Upper Limit (Engine Configuration)	Eng Requested Trq Ctrl Range Upper Lmt (Eng Config)
ENGINE TURBOCHARGER COMPRESSOR BYPASS VALVE	Engine Desired Turbocharger Compressor Bypass Actuator Position	Desired ENGINE TURBOCHARGER COMPRESSOR BYPASS VALVE Actuator Position	Desired ETCBPV Actuator Position
ENGINE WAIT TO START LAMP	Engine Wait to Start Lamp	ENGINE WAIT TO START LAMP	WSL
	Glow Plug Lamp	ENGINE WAIT TO START LAMP	WSL
ERASABLE PROGRAMMABLE READ ONLY MEMORY	EPROM (Erasable Programmable Read Only Memory)	ERASABLE PROGRAMMABLE READ ONLY MEMORY	EPROM
	Erasable Programmable Read Only Memory	ERASABLE PROGRAMMABLE READ ONLY MEMORY	EPROM
ETHER HOLD CONTROL	Ether Hold Control	ETHER HOLD CONTROL	Ether Hold Control
ETHER START CONTROL	Ether Start Control	ETHER START CONTROL	Ether Start Control
EVAPORATIVE EMISSION	Canister	EVAPORATIVE EMISSION Canister	EVAP Canister
	Canister Purge	EVAPORATIVE EMISSION Canister Purge	EVAP Canister Purge
	Canister Purge Vacuum Switch Valve	EVAPORATIVE EMISSION Canister Purge Valve	EVAP Canister Purge Valve
	Canister Purge Valve	EVAPORATIVE EMISSION Canister Purge Valve	EVAP Canister Purge Valve

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Canister Purge VSV (Vacuum Switching Valve)	EVAPORATIVE EMISSION Canister Purge Valve	EVAP Canister Purge Valve
	CANP (Canister Purge)	EVAPORATIVE EMISSION Canister Purge	EVAP Canister Purge
	Charcoal Canister	EVAPORATIVE EMISSION Canister	EVAP Canister
	Duty Solenoid for Purge Valve	EVAPORATIVE EMISSION Canister Purge Valve	EVAP Canister Purge Valve
	EECS (Evaporative Emission Control System)	EVAPORATIVE EMISSION System	EVAP System
	Engine Evaporative System Monitor	Engine EVAPORATIVE EMISSION System Monitor	EVAP System Monitor
	EVAP (Evaporative Emission)	EVAPORATIVE EMISSION	EVAP
	EVAP (Evaporative Emission) Canister	EVAPORATIVE EMISSION Canister Purge	EVAP Canister Purge
	EVAP (Evaporative Emission) CANP (Canister Purge)	EVAPORATIVE EMISSION Canister	EVAP Canister
	EVAP (Evaporative Emission) Purge Valve	EVAPORATIVE EMISSION	EVAP
	Evaporative Emission	EVAPORATIVE EMISSION	EVAP
	Evaporative Emission Canister	EVAPORATIVE EMISSION Canister	EVAP Canister
	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
EXHAUST BACK PRESSURE	Engine Exhaust Back Pressure Regulator Solenoid	Engine EXHAUST BACK PRESSURE Regulator Solenoid	EBP Regulator
	Engine Exhaust Back Pressure Sensor	Engine EXHAUST BACK PRESSURE Sensor	EBP Sensor
	Exhaust Back Pressure	EXHAUST BACK PRESSURE	EBP
	Exhaust Back Pressure Actuator Desired Position	EXHAUST BACK PRESSURE Actuator Desired Position	EBP Act Des Pos
	Exhaust Back Pressure Actuator Temperature	EXHAUST BACK PRESSURE Actuator Temperature	EBP Act Temp
	Exhaust Back Pressure Regulator Solenoid	EXHAUST BACK PRESSURE REGULATOR Solenoid	EBPR Solenoid
	Exhaust Back Pressure Sensor	EXHAUST BACK PRESSURE Sensor	EBP Sensor
	Exhaust Restriction	EXHAUST BACK PRESSURE	EBP

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
EXHAUST BACK PRESSURE REGULATOR	Engine Exhaust Pressure Regulator Vent Valve Control	Engine EXHAUST BACK PRESSURE REGULATOR Vent Valve Control	EBPR Vent Valve Ctrl
	Engine Exhaust Pressure Regulator Vent Valve Position	Engine EXHAUST BACK PRESSURE REGULATOR Vent Valve Position	EBPR Vent Valve Position
	Exhaust Back Pressure Regulator	Engine EXHAUST BACK PRESSURE REGULATOR	EBPR
	Exhaust Back Pressure Regulator Solenoid	Engine EXHAUST BACK PRESSURE REGULATOR Solenoid	EBPR Solenoid
	Exhaust Back Pressure Regulator Valve	Engine EXHAUST BACK PRESSURE REGULATOR Valve	EBPR Valve
EXHAUST BRAKE	Engine Exhaust Brake Enable Switch	Engine EXHAUST BRAKE Enable Switch	EXH BRK Switch
	Engine Exhaust Brake Enable Switch Indicator	Engine EXHAUST BRAKE Enable Switch Indicator	EXH BRK Switch Indicator
EXHAUST EMISSION CONTROLLER	Exhaust Emission Controller ECU Temperature	EXHAUST EMISSION CONTROLLER ECU Temperature	Exh Emission Controller ECU Temp
EXHAUST GAS	Engine Exhaust Gas Pressure	Engine EXHAUST GAS PRESSURE	Exh Press
EXHAUST GAS PORT	Engine Exhaust Gas Port Difference from Average Temperature	Engine EXHAUST GAS PORT Difference from Average Temperature	EXH PORT Diff from AvgTemp
	Engine Exhaust Gas Port Temperature	Engine EXHAUST GAS PORT Temperature	EXH PORT Temp
EXHAUST GAS RECIRCULATION	Backpressure Transducer	EXHAUST GAS RECIRCULATION Backpressure Transducer	EGR Backpressure Transducer
	Differential Pressure Feedback EGR System	Differential Pressure Feedback EXHAUST GAS RECIRCULATION System	Differential Pressure Feedback EGR System
	Digital EGR (Exhaust Gas Recirculation)	EXHAUST GAS RECIRCULATION	EGR
	EGR (Exhaust Gas Recirculation)	EXHAUST GAS RECIRCULATION	EGR
	EGR (Exhaust Gas Recirculation) Diagnostic Valve	EXHAUST GAS RECIRCULATION Diagnostic Valve	EGR Diagnostic Valve
	EGR (Exhaust Gas Recirculation) System	EXHAUST GAS RECIRCULATION System	EGR System
	EGR (Exhaust Gas Recirculation) Valve	EXHAUST GAS RECIRCULATION Valve	EGR Valve
	EGR Cooler Bypass Actuator	EXHAUST GAS RECIRCULATION Cooler Bypass Actuator	EGR Cooler Bypass Actuator
	EGR Cooler Bypass Actuator Position	EXHAUST GAS RECIRCULATION Cooler Bypass Actuator Position	EGR Cooler Bypass Actuator Position



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	EGR System Monitor	EXHAUST GAS RECIRCULATION System Monitor	EGR Sys Mon
	EGRV (Exhaust Gas Recirculation Valve)	EXHAUST GAS RECIRCULATION Valve	EGR Valve
	EGRVC (Exhaust Gas Recirculation Valve Control)	EXHAUST GAS RECIRCULATION Valve Control	EGR Valve Control
	Engine Exhaust Gas Recirculation (EGR) Mass Flow Rate	Engine EXHAUST GAS RECIRCULATION Mass Flow Rate	EGR Mass Flow
	Engine Exhaust Gas Recirculation Actuator Desired Position	Engine EXHAUST GAS RECIRCULATION Actuator Desired Position	EGR Act Des Pos
	Engine Exhaust Gas Recirculation Actuator Operation Status	Engine EXHAUST GAS RECIRCULATION Actuator Operation Status	EGR Act Operation Status
	Engine Exhaust Gas Recirculation Actuator Temperature	Engine EXHAUST GAS RECIRCULATION Actuator Temperature	EGR Act Temp
	Engine Exhaust Gas Recirculation Actuator Temperature Status	Engine EXHAUST GAS RECIRCULATION Actuator Temperature Status	EGR Act Temp Status
	Engine Exhaust Gas Recirculation Differential Pressure	Engine EXHAUST GAS RECIRCULATION Differential Pressure	EGR Diff Pres
	Engine Exhaust Gas Recirculation Intake Absolute Pressure	Engine EXHAUST GAS RECIRCULATION Intake Absolute Pressure	EGR In Absolute Pres
	Engine Exhaust Gas Recirculation Intake Pressure	Engine EXHAUST GAS RECIRCULATION Intake Pressure	EGR In Pres
	Engine Exhaust Gas Recirculation Outlet Absolute Pressure	Engine EXHAUST GAS RECIRCULATION Outlet Absolute Pressure	EGR Outlet Absolute Pres
	Engine Exhaust Gas Recirculation Outlet Absolute Pressure (High Resolution)	Engine EXHAUST GAS RECIRCULATION Outlet Absolute Pressure	EGR Outlet Absolute Pres
	Engine Exhaust Gas Recirculation Outlet Pressure	Engine EXHAUST GAS RECIRCULATION Outlet Pressure	EGR Outlet Pres
	Engine Exhaust Gas Recirculation Temperature	Engine EXHAUST GAS RECIRCULATION Temperature	EGR Temp
	Engine Exhaust Gas Recirculation Valve Position Error	Engine EXHAUST GAS RECIRCULATION Valve Position Error	EGR Valve Position Err
	EVP (Exhaust Gas Recirculation Valve Position) Sensor	Engine EXHAUST GAS RECIRCULATION Valve Position Sensor	EGR Valve Position Sensor

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	EVR (Exhaust Gas Recirculation Vacuum Regulator) Solenoid	Engine EXHAUST GAS RECIRCULATION Vacuum Regulator Solenoid	EGR Vacuum Regulator Solenoid
	EVRV (Exhaust Gas Recirculation Vacuum Regulator Valve)	Engine EXHAUST GAS RECIRCULATION Vacuum Regulator Valve	EGR Vacuum Regulator Valve
	Exhaust Gas Recirculation	Engine EXHAUST GAS RECIRCULATION	EGR
	Exhaust Gas Recirculation Catalyst Performance Monitor	Engine EXHAUST GAS RECIRCULATION Catalyst Performance Monitor	EGR Valve Catalyst Perf Mon
	Exhaust Gas Recirculation Mass Flow Rate	Engine EXHAUST GAS RECIRCULATION Mass Flow Rate	EGRMFR
	Exhaust Gas Recirculation Vacuum Regulator Solenoid Valve	Engine EXHAUST GAS RECIRCULATION Vacuum Regulator Solenoid Valve	EGR Vacuum Regulator Solenoid Valve
	Exhaust Gas Recirculation Vacuum Regulator Valve	Engine EXHAUST GAS RECIRCULATION Vacuum Regulator Valve	EGR Vacuum Regulator Valve
	Exhaust Gas Recirculation Valve	Engine EXHAUST GAS RECIRCULATION Valve	EGR Valve
	Exhaust Gas Recirculation Valve Malfunction	EXHAUST GAS RECIRCULATION Valve Malfunction	EGR Valve Malfunction
	PFE (Pressure Feedback Exhaust Gas Recirculation) Sensor	Feedback Pressure EXHAUST GAS RECIRCULATION Sensor	Feedback Pressure EGR Sensor
	Pressure Feedback EGR (Exhaust Gas Recirculation) System	FEEDBACK PRESSURE EXHAUST GAS RECIRCULATION SYSTEM	Feedback Pressure EGR System
	Pressure Feedback EGR (Exhaust Gas Recirculation) System	PRESSURE FEEDBACK EXHAUST GAS RECIRCULATION	Pressure Feedback EGR System
	Pressure Transducer EGR (Exhaust Gas Recirculation) System	PRESSURE TRANSDUCER EXHAUST GAS RECIRCULATION System	Pressure Transducer EGR System
	Valve Position EGR (Exhaust Gas Recirculation) System	Engine EXHAUST GAS RECIRCULATION Valve Position	EGR Valve Pos
EXHAUST GAS RECIRCULATION COOLER	Engine Exhaust Gas Recirculation (EGR) Cooler Efficiency	Engine EXHAUST GAS RECIRCULATION COOLER Efficiency	EGR Cooler Effic
	Engine Exhaust Gas Recirculation (EGR) Cooler Intake Gas Absolute Pressure	Engine EXHAUST GAS RECIRCULATION COOLER Intake Gas Absolute Pressure	EGR Cooler In Abs Press

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
EXHAUST GAS RECIRCULATION MIXER	Engine Exhaust Gas Recirculation (EGR) Cooler Intake Temperature	Engine EXHAUST GAS RECIRCULATION COOLER Intake Temperature	EGR Cooler In Temp
	Engine Exhaust Gas Recirculation Mixer Intake Temperature	Engine EXHAUST GAS RECIRCULATION MIXER Intake Temperature	EGR Mixer In Temp
	EGRT (Exhaust Gas Recirculation Temperature)	Engine EXHAUST GAS RECIRCULATION TEMPERATURE	EGRT
EXHAUST GAS RECIRCULATION TEMPERATURE	EGRT (Exhaust Gas Recirculation Temperature) Sensor	Engine EXHAUST GAS RECIRCULATION TEMPERATURE Sensor	EGRT Sensor
	Exhaust Gas Recirculation Temperature	Engine EXHAUST GAS RECIRCULATION TEMPERATURE	EGRT
	Exhaust Gas Recirculation Temperature Sensor	Engine EXHAUST GAS RECIRCULATION TEMPERATURE Sensor	EGRT Sensor
	Exhaust Gas Recirculation Temperature	Engine EXHAUST GAS RECIRCULATION TEMPERATURE	EGRT
	Recirculating Exhaust Gas Temperature Sensor	Engine EXHAUST GAS RECIRCULATION TEMPERATURE Sensor	EGRT Sensor
	REGTS (Recirculating Exhaust Gas Temperature) Sensor	Engine EXHAUST GAS RECIRCULATION TEMPERATURE Sensor	EGRT Sensor
	EGR (Exhaust Gas Recirculation) Thermal Vacuum Valve	Engine EXHAUST GAS RECIRCULATION THERMAL VACUUM VALVE	EGR TVV
EXHAUST GAS RECIRCULATION THERMAL VACUUM VALVE	EGR TVV (Exhaust Gas Recirculation Thermal Vacuum Valve)	Engine EXHAUST GAS RECIRCULATION THERMAL VACUUM VALVE	EGR TVV
	Engine Exhaust Gas Recirculation (EGR) Valve Control	Engine EXHAUST GAS RECIRCULATION VALVE Control	EGR Valve Control
EXHAUST GAS TEMPERATURE	Engine Exhaust Gas Recirculation Valve Position	Engine EXHAUST GAS RECIRCULATION VALVE Position	EGR Valve Position
	Engine Exhaust Gas Temperature	Engine EXHAUST GAS TEMPERATURE	EGT
	Engine Exhaust Gas Temperature - Left Manifold	Engine EXHAUST GAS TEMPERATURE - Left Manifold	EGT LM
	Engine Exhaust Gas Temperature - Right Manifold	Engine EXHAUST GAS TEMPERATURE - Right Manifold	EGT RM
	Engine Exhaust Temperature Bank Imbalance	Engine EXHAUST GAS TEMPERATURE Bank Imbalance	EGT Bank Imbalance

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
EXHAUST MANIFOLD BANK FLOW BALANCE VALVE	Engine Exhaust Manifold Bank Flow Balance Valve	Engine EXHAUST MANIFOLD BANK FLOW BALANCE VALVE	Exhaust Manifold Flow Balance Valve
	Engine Exhaust Manifold Bank Flow Balance Valve Actuator Control	Engine EXHAUST MANIFOLD BANK FLOW BALANCE VALVE Actuator Control	Exhaust Manifold Flow Balance Valve Actuator
	Engine Exhaust Manifold Bank Flow Balance Valve Actuator Position	Engine EXHAUST MANIFOLD BANK FLOW BALANCE VALVE Actuator Position	Exhaust Manifold Flow Balance Valve Actuator Position
EXHAUST OXYGEN	Engine Desired Exhaust Oxygen	Engine Desired EXHAUST O2	Desired EXH O2
	Engine Desired Rated Exhaust Oxygen	Engine Desired Rated EXHAUST O2	Desired Rated EXH O2
	Engine Exhaust Gas Oxygen Sensor Closed Loop Operation	Engine EXHAUST O2 Sensor Closed Loop Operation	EXH O2 Sensor Closed Loop Operation
	Engine Exhaust Gas Oxygen Sensor Closed Loop Operation, Bank	Engine EXHAUST O2 Sensor Closed Loop Operation	EXH O2 Sensor Closed Loop Operation
	Engine Exhaust Gas Oxygen Sensor Fueling Correction	Engine EXHAUST O2 Sensor Fueling Correction	EXH O2 Sensor Fueling Correction
EXHAUST VALVE	Engine Cylinder Exhaust Valve Actuator	Engine Cylinder EXHAUST VALVE Actuator	EXH VALVE Actuator
	Engine Exhaust Valve Actuation System Oil Temperature	Engine EXHAUST VALVE Actuation System Oil Temperature	EXH VALVE Actuation Oil Temp
EXTERNAL IDENTIFICATION PLATE	ECM External Data Plate	ECM EXTERNAL IDENTIFICATION PLATE	ECM EIDP
	External Identification Plate	EXTERNAL IDENTIFICATION PLATE	EXTERNAL IDENTIFICATION PLATE
FAN CLUTCH	Engine Fan Clutch Output Device Driver	Engine FAN CLUTCH Output Driver	FAN CLUTCH Output
FAN CONTROL	EDF (Electro-Drive Fan) Control	FAN CONTROL	FC
	Engine Coolant Fan Control	FAN CONTROL	FC
FAN CONTROL CIRCUIT	Fan Clutch Output Device Drive	FAN CONTROL CIRCUIT	FCC
FAN SPEED	Estimated Percent Fan Speed	Estimated Percent FAN SPEED	Est % Fan Spd
	Fan Speed	FAN SPEED	Fan Spd
	Requested Percent Fan Speed	Requested Percent FAN SPEED	Req % Fan Spd
FIRE APPARATUS PUMP	Fire Apparatus Pump Engagement	FIRE APPARATUS PUMP Engagement	Fire Apparatus Pump Engagement

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEEPROM(Flash Electrically Erasable Programmable Read Only Memory)	FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEEPROM
	Flash EEPROM (Electrically Erasable Programmable Read Only Memory)	FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEEPROM
FLASH ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEPRM (Flash Erasable Programmable Read Only Memory)	FLASH ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEPRM
	FLASH EPROM (Erasable Programmable Read Only Memory)	FLASH ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEPRM
	FLASH EPROM (Erasable Programmable Read Only Memory)	FLASH ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEPRM
FLEXIBLE FUEL	Alcohol Concentration Sensor	FLEXIBLE FUEL Sensor	FF Sensor
	FF (Flexible Fuel)	FLEXIBLE FUEL	FF
	Flexible Fuel	FLEXIBLE FUEL	FF
	Flexible Fuel Percentage	FLEXIBLE FUEL Percentage	FF %
	Flexible Fuel Sensor	FLEXIBLE FUEL Sensor	FF Sensor
	Fuel Concentration Sensor	FLEXIBLE FUEL Sensor	FF Sensor
	Fuel Quality Sensor	FLEXIBLE FUEL Sensor	FF Sensor
	Percent Alcohol Sensor	FLEXIBLE FUEL Sensor	FF Sensor
	Variable Fuel Sensor	FLEXIBLE FUEL Sensor	FF Sensor
FREEZE FRAME	FRZF (Freeze Frame)	FREEZE FRAME	FRZF
FRONT PTO	Front PTO engagement request status	FRONT PTO engagement request status	Front PTO engagement request status
	Front PTO mode request status	FRONT PTO mode request status	Front PTO mode request status
FUEL	Engine Fuel Specific Gravity	Engine FUEL Specific Gravity	Eng Fuel Specific Gravity
	Engine Fuel Temperature	Engine FUEL Temperature	Eng Fuel Temp
	Engine Gaseous Fuel Correction Factor	Engine Gaseous FUEL Correction Factor	Eng Gaseous Fuel Correction Factor
	Engine Idle Fuel Quantity	Engine Idle FUEL Quantity	Idle Fuel Quantity
	Fuel Type	FUEL Type	Fuel Type
FUEL ACTUATOR	Engine Fuel Actuator	Engine FUEL ACTUATOR	Eng Fuel Actuator
	Engine Fuel Actuator Control Command	Engine FUEL ACTUATOR Control Command	Eng Fuel Actuator Ctrl Cmd

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
FUEL COMMAND	Engine External Fuel Command Input	Engine External FUEL COMMAND Input	External Fuel Command
FUEL CONTROL	Engine Fuel Control Control Mode	Engine FUEL CONTROL Mode	Eng Fuel Ctrl Mode
FUEL DELIVERY	Engine Fuel Delivery Pressure	Engine FUEL DELIVERY Pressure	Fuel Delivery Press
FUEL ECONOMY	Engine Fuel Delivery Pressure (Absolute)	Engine FUEL DELIVERY Pressure (Absolute)	Eng FD Press (Abs)
	Engine Average Fuel Economy (Gaseous)	Engine Average FUEL ECONOMY	Fuel Economy
	Engine Instantaneous Fuel Economy	Engine Instantaneous FUEL ECONOMY	Instantaneous Fuel Economy
FUEL FILTER	Engine Instantaneous Fuel Economy (Gaseous)	Engine Instantaneous FUEL ECONOMY (Gaseous)	Instantaneous Fuel Economy (Gaseous)
	Engine Fuel Filter (Suction Side) Differential Pressure	Engine FUEL FILTER (Suction Side) Differential Pressure	Eng Fuel Filter (Suction Side) Diff Press
	Engine Fuel Filter (Suction Side) Intake Absolute Pressure	Engine FUEL FILTER (Suction Side) Intake Absolute Pressure	Eng Fuel Filter (Suction Side) In Abs Press
FUEL FLOW	Engine Fuel Filter Differential Pressure	Engine FUEL FILTER Differential Pressure	Eng Fuel Filter Diff Press
	Engine Fuel Flow Rate	Engine FUEL FLOW Rate	Eng Fuel Flow Rate
FUEL HEATER RELAY	Fuel Filter Fuel Heater Relay	Fuel Filter FUEL HEATER RELAY	Fuel Filter Fuel Htr Relay
FUEL INJECTION	Engine Cylinder Fuel Injection Quantity	Engine Cylinder FUEL INJECTION Quantity	Cyl FI Quantity
	Engine Fuel Injection Pressure Error for Multiple Cylinders	Engine FUEL INJECTION Pressure Error for Multiple Cylinders	Eng FI Press Err for Multiple Cylinders
	Engine Fuel Injection Pump Controller	Engine FUEL INJECTION Pump Controller	Eng FI Pump Controller
	Engine Fuel Injection Pump Fuel Control Valve	Engine FUEL INJECTION Pump Fuel Control Valve	Eng FI Pump Fuel Control Valve
	Engine Fuel Injection Pump Speed/Position Sensor	Engine FUEL INJECTION Pump Speed/Position Sensor	Eng FI Pump Speed/Position Sensor
	Engine Fuel Injection Quantity Error for Multiple Cylinders	Engine FUEL INJECTION Quantity Error for Multiple Cylinders	Eng FI Quantity Err for Multiple Cylinders
	Engine Fuel Injection Timing Error for Multiple Cylinders	Engine FUEL INJECTION Timing Error for Multiple Cylinders	Eng FI Timing Err for Multiple Cylinders
FUEL LEVEL	Fuel Injection Pump	FUEL INJECTION Pump	FI Pump
	Fuel Level	FUEL LEVEL	Fuel Level
	Left Fuel Level Sensor	Left FUEL LEVEL Sensor	Left Fuel Level Sensor

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
FUEL LIFT PUMP	Right Fuel Level Sensor	Right FUEL LEVEL Sensor	Right Fuel Level Sensor
	Engine Electric Lift Pump for Engine Fuel Supply	Supply FUEL LIFT PUMP	Supply FL Pump
	Fuel Lift Pump	FUEL LIFT PUMP	FL Pump
FUEL MASS FLOW RATE	Engine Fuel Mass Flow Rate	Engine FUEL MASS FLOW RATE	Eng Mass Flow Rate
FUEL PRESSURE	Engine Extended Range Fuel Pressure	FUEL PRESSURE	FUEL PRESSURE
	Fuel Pressure	FUEL PRESSURE	FUEL PRESSURE
	Fuel Pressure Regulator	FUEL PRESSURE Regulator	FUEL PRESSURE Regulator
	Fuel Pressure Sensor	FUEL PRESSURE Sensor	FUEL PRESSURE Sensor
FUEL PRESSURE ABSOLUTE	Fuel Regulator	FUEL PRESSURE Regulator	FUEL PRESSURE Regulator
	Fuel Absolute Pressure	FUEL PRESSURE ABSOLUTE	FUEL PRESSURE ABSOLUTE
	Engine Fuel Pump Pressurizing Assembly	Engine FUEL PUMP Pressurizing Assembly	Eng Fuel Pump Pressurizing Assembly
FUEL PUMP	Fuel Pump	FUEL PUMP	FP
FUEL RACK ACTUATOR	Rack Actuator	FUEL RACK ACTUATOR	FRA
FUEL RACK POSITION SENSOR	Rack Position Sensor	FUEL RACK POSITION SENSOR	FRP Sensor
FUEL RATE	Engine Average Fuel Rate	Engine Average FUEL RATE	Fuel Rate
	Engine Fuel Rate	Engine FUEL RATE	Eng Fuel Rate
	High Resolution Engine Fuel Rate	High Resolution Engine FUEL RATE	Hi Res Eng Fuel Rate
FUEL SHUTOFF	Engine Fuel Shutoff Control	Engine FUEL SHUTOFF CONTROL	Eng Fuel Shutoff Ctrl
	Engine Fuel Shutoff Vent Control	Engine FUEL SHUTOFF Vent Control	Eng Fuel Shutoff Vent Ctrl
	Engine Gaseous Fuel Shutoff Valve - High Pressure	Engine Gaseous FUEL SHUTOFF Valve - High Pressure	Eng Gaseous Fuel Shutoff Valve - HP
	Engine Gaseous Fuel Shutoff Valve - Low Pressure	Engine Gaseous FUEL SHUTOFF Valve - Low Pressure	Eng Gaseous Fuel Shutoff Valve - LP
FUEL SUPPLY PUMP	Fuel Shutoff Valve	FUEL SHUTOFF	FS
	Engine Fuel Supply Pump Intake Pressure	Engine FUEL SUPPLY PUMP Intake Pressure	Eng Fuel Supply Pump In Press
FUEL SYSTEM	Engine Fuel System Monitor	Engine FUEL SYSTEM Monitor	Eng Fuel Sys Monitor
FUEL TANK TRANSFER PUMP	Fuel Tank Transfer Pump	FUEL TANK TRANSFER PUMP	Fuel Tank Transfer Pump
FUEL TRIM	Adaptive Fuel Strategy	FUEL TRIM	FT



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	BLM (Block Learn Matrix)	Long Term FUEL TRIM	Long Term FT
	BLM (Block Learn Memory)	Long Term FUEL TRIM	Long Term FT
	BLM (Block Learn Multiplier)	Long Term FUEL TRIM	Long Term FT
	Block Learn Matrix	Long Term FUEL TRIM	Long Term FT
	Block Learn Memory	Long Term FUEL TRIM	Long Term FT
	Block Learn Multiplier	Long Term FUEL TRIM	Long Term FT
	FT (Fuel Trim)	FUEL TRIM	FT
	Fuel Trim	FUEL TRIM	FT
	INT (Integrator)	Short Term FUEL TRIM	Short Term FT
	Integrator	Short Term FUEL TRIM	Short Term FT
	Long Term FT (Fuel Trim)	Long Term FUEL TRIM	Long Term FT
	Long-term Fuel Trim - Bank	Long-term FUEL TRIM - Bank	Long-term Fuel Trim
	Short Term FT (Fuel Trim)	Short Term FUEL TRIM	Short Term FT
	Short Term Fuel Trim	Short Term FUEL TRIM	Short Term FT
	Short-term Fuel Trim - Bank	Short-term FUEL TRIM - Bank	Short Term FT - Bank
	SHRT FT	Short Term FUEL TRIM	Short Term FT
FUEL VALVE	Engine Fuel Valve Differential Pressure	Engine FUEL VALVE Differential Pressure	Eng Fuel Valve Diff Press
	Engine Fuel Valve Intake Absolute Pressure	Engine FUEL VALVE Intake Absolute Pressure	Eng Fuel Valve In Abs Press
	Engine Fuel Valve Operation Status	Engine FUEL VALVE Operation Status	Eng Fuel Valve Op Status
	Engine Fuel Valve Outlet Absolute Pressure	Engine FUEL VALVE Outlet Pressure	Eng Fuel Valve Out Press
	Engine Fuel Valve Position	Engine FUEL VALVE Position	Eng Fuel Valve Position
	Engine Fuel Valve Temperature	Engine FUEL VALVE Temperature	Eng Fuel Valve Temp
	Engine Fuel Valve Temperature Status	Engine FUEL VALVE Temperature Status	Eng Fuel Valve Temp Status
	Engine Requested Fuel Valve Position	Commanded Engine FUEL VALVE Position	Commanded Fuel Valve Position
FUELING	Desired Engine Fueling State	Desired Engine FUELING State	Des Eng Fuel State
	Engine Fueling Inhibit Allowed	Engine FUELING Inhibit Allowed	Eng Fuel Inhibit Allowed
	Engine Fueling Inhibit Prevented Reason	Engine FUELING Inhibit Prevented Reason	Eng Fuel Inhibit Prevented Reason

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Feedback Engine Fueling State	Feedback Engine FUELING State	Fdbk Eng Fuel State
GAIN	Engine Gain (Kp) Of The Endspeed Governor (Engine Configuration)	Engine GAIN (Kp) Of The Endspeed Governor (Engine Configuration)	Eng Gain of the Endspeed Gov
GAS MASS FLOW RATE	Engine Gas Mass Flow Rate	Engine GAS MASS FLOW RATE	Eng Gas Mass Flow Rate
	Engine Gas Mass Flow Sensor Fueling Correction	Engine GAS MASS FLOW RATE Sensor Fueling Correction	Eng Gas Mass Flow Rate Sensor Fuel Correction
	Gas Mass Flow Sensor	GAS MASS FLOW RATE Sensor	GMF Sensor
	Reference Engine Gas Mass Flow Rate	Reference Engine GAS MASS FLOW RATE	Ref Eng Gas Mass Flow Rate
GLOBAL TECHNICAL REGULATION DESCRIPTION	Global Technical Regulation Description	GLOBAL TECHNICAL REGULATION DESCRIPTION	GTR Desc
GLOW PLUG	Engine Glow Plug	Engine GLOW PLUG	Glow Plug
	Engine Glow Plug Lamp	Engine GLOW PLUG Lamp	Glow Plug Lamp
	Engine Glow Plug Relay	Engine GLOW PLUG Relay	Glow Plug Relay
	Glow Plug	GLOW PLUG	GLOW PLUG
GLOW PLUG CONTROL	Glow Plug Control	GLOW PLUG CONTROL	GPC
GLOW PLUG RELAY	Glow Plug Relay	GLOW PLUG RELAY	GPR
GOVERNOR	Engine Governor Droop	Engine GOVERNOR Droop	Governor Droop
	Governor	GOVERNOR	GOVERNOR
GROUND	Ground	GROUND	GND
HEATED OXYGEN SENSOR	Exhaust Oxygen Sensor	HEATED OXYGEN SENSOR	HO2S
	Heated Oxygen Sensor	HEATED OXYGEN SENSOR	HO2S
	Heated Oxygen Sensor Power Relay Driver Control Circuit	HEATED OXYGEN SENSOR Power Relay Driver Control Circuit	HO2S
	HEOG (Heated Exhaust Gas Oxygen) Sensor	HEATED OXYGEN SENSOR	HO2S
	HO2S (Heated Oxygen Sensor)	HEATED OXYGEN SENSOR	HO2S
	HOS (Heated Oxygen Sensor)	HEATED OXYGEN SENSOR	HO2S
HIGH EXHAUST SYSTEM TEMPERATURE LAMP	Aftertreatment Maximum Speed High Exhaust System Temperature Lamp	HIGH EXHAUST SYSTEM TEMPERATURE LAMP Maximum Vehicle Speed	HEST Lamp Max Veh Spd
	Aftertreatment Regeneration High Exhaust System Temperature Lamp	HIGH EXHAUST SYSTEM TEMPERATURE LAMP	HEST Lamp

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
HIGH IDLE	High Idle	HIGH IDLE	HI
HIGH IDLE GOVERNOR	High Idle Governor	HIGH IDLE GOVERNOR	HIG
	High Speed Idle	HIGH IDLE GOVERNOR	HIG
	High Speed Limiter	HIGH IDLE GOVERNOR	HIG
	Rated Speed Governor	HIGH IDLE GOVERNOR	HIG
	Top Engine Limit	HIGH IDLE GOVERNOR	HIG
HYBRID BATTERY PACK REMAINING CHARGE	Hybrid Battery Pack Remaining Charge	HYBRID BATTERY PACK REMAINING CHARGE	Hybrid Battery Pack Remaining Charge
HYDRAULIC FAN MOTOR PRESSURE	Hydraulic Fan Motor Pressure	HYDRAULIC FAN MOTOR PRESSURE	Hydraulic Fan Motor Pressure
HYDRAULIC PRESSURE GOVERNOR	Engine Hydraulic Pressure Governor Mode Indicator	Engine HYDRAULIC PRESSURE GOVERNOR Mode Indicator	Eng Hydraulic Pressure Governor Mode Indicator
	Engine Hydraulic Pressure Governor Switch	Engine HYDRAULIC PRESSURE GOVERNOR Switch	Eng Hydraulic Pressure Governor Switch
IDLE	Engine Alternate Low Idle Select State	Engine Alternate Low IDLE Select State	Alternate Low Idle
	Engine Alternate Low Idle Switch	Engine Alternate Low IDLE Switch	Alternate Low Idle Switch
	Idle	IDLE	IDLE
	Low Idle	IDLE	IDLE
	Low Idle Engine RPM	IDLE	IDLE
IDLE AIR CONTROL	Air Valve	IDLE AIR CONTROL Valve	IAC Valve
	Fast Idle Thermo Valve	IDLE AIR CONTROL Thermal Valve	IAC Thermal Valve
	IAC (Idle Air Control)	IDLE AIR CONTROL	IAC
	IAC (Idle Air Control) Valve	IDLE AIR CONTROL Valve	IAC Valve
	IAC (Idle Air Control) Thermal Valve	IDLE AIR CONTROL Thermal Valve	IAC Thermal Valve
	IACV (Idle Air Control Valve)	IDLE AIR CONTROL Valve	IAC Valve
	Idle Air Bypass Control	IDLE AIR CONTROL	IAC
	Idle Air Control	IDLE AIR CONTROL	IAC
	Idle Air Control Valve	IDLE AIR CONTROL Valve	IAC Valve
	Idle Speed Control	IDLE AIR CONTROL	IAC
	ISC (Idle Speed Control)	IDLE AIR CONTROL	IAC
	ISC BPA (Idle Speed Control Bypass Air)	IDLE AIR CONTROL	IAC
	Throttle Bypass Valve	IDLE AIR CONTROL Valve	IAC Valve

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Throttle Plate Bypass Valve	IDLE AIR CONTROL Valve	IAC Valve
IDLE DECREMENT SWITCH	Engine Idle Decrement Switch	Engine IDLE DECREMENT SWITCH	Idle Dec Switch
	Idle Increment Switch	Engine IDLE DECREMENT SWITCH	Idle Dec Switch
IDLE INCREMENT SWITCH	Engine Idle Increment Switch	Engine IDLE INCREMENT SWITCH	Idle Inc Switch
	Idle Increment Switch	Engine IDLE INCREMENT SWITCH	Idle Inc Switch
IDLE MANAGEMENT SYSTEM	Idle Management System	IDLE MANAGEMENT SYSTEM	IMS
IDLE SHUTDOWN	Idle Shutdown Vehicle Accessories Relay Driver Circuit	IDLE SHUTDOWN Vehicle Accessories Relay Driver Circuit	Idle Shutdown Vehicle Accessories Relay Driver Circuit
IDLE SPEED CONTROL	Idle Governor	IDLE SPEED CONTROL	ISC
	Idle Speed Control	IDLE SPEED CONTROL	ISC
	Idle Speed Control Actuator	IDLE SPEED CONTROL Actuator	ISC Actuator
	ISC (Idle Speed Control)	IDLE SPEED CONTROL	ISC
	ISC (Idle Speed Control) Actuator	IDLE SPEED CONTROL Actuator	ISC Actuator
	ISC (Idle Speed Control) Solenoid Vacuum Valve	IDLE SPEED CONTROL Solenoid Vacuum Valve	ISC Solenoid Vacuum Valve
	Low Idle Governor	IDLE SPEED CONTROL	ISC
	Low Speed Governor	IDLE SPEED CONTROL	ISC
	Low Speed Idle	IDLE SPEED CONTROL	ISC
	Throttle Opener	IDLE SPEED CONTROL	ISC
	Throttle 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
	VSV (Vacuum Solenoid Valve) (Throttle)	IDLE SPEED CONTROL Solenoid Vacuum Valve	ISC Solenoid Vacuum Valve
IDLE VALIDATION	Idle Validation Switch	IDLE VALIDATION Switch	IV Switch
IGNITION COIL	Engine Ignition Coil	Engine IGNITION COIL	Ign Coil
IGNITION CONTROL	Electronic Spark Advance	Engine IGNITION CONTROL	IC
	Electronic Spark Timing	Engine IGNITION CONTROL	IC
	Engine Ignition Control Mode Signal	Engine IGNITION CONTROL Mode Signal	IC Mode Signal
	Engine Ignition Control Module	Engine IGNITION CONTROL Module	IC Module
	Engine Ignition Control Timing Signal	Engine IGNITION CONTROL Timing Signal	IC Timing Signal

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
IGNITION CONTROL MODULE	Engine Ignition System	Engine IGNITION CONTROL	IC
	ESA (Electronic Spark Advance)	Engine IGNITION CONTROL	IC
	EST (Electronic Spark Advance)	Engine IGNITION CONTROL	IC
	IC (Ignition Control)	Engine IGNITION CONTROL	IC
	Ignition Control	Engine IGNITION CONTROL	IC
	DIS (Distributorless Ignition System) Module	Engine IGNITION CONTROL MODULE	ICM
	EDIS (Electronic Distributor Ignition System) Module	Distributor IGNITION CONTROL MODULE	Distributor ICM
	ICM (Ignition Control Module)	Engine IGNITION CONTROL MODULE	ICM
	Ignition Control Module	Engine IGNITION CONTROL MODULE	ICM
IGNITION CYCLE COUNTER	TFI (Thick Film Ignition) Module	Engine IGNITION CONTROL MODULE	ICM
	Ignition Cycle Counter	Engine IGNITION CYCLE COUNTER	Ign Cycle Counter
	Engine Cylinder Ignition Timing	Engine Cylinder IGNITION TIMING	Cyl Ignition Timing
IGNITION TIMING	Engine Desired Ignition Timing	Engine Desired IGNITION TIMING	IGNITION TIMING
	Engine Cylinder Ignition Transformer Secondary Output	Engine Cylinder IGNITION TRANSFORMER SECONDARY OUTPUT	Ignition Transformer Secondary Output
IGNITION TRANSFORMER SECONDARY OUTPUT			
INCOMPLETE MONITOR COUNT	System Incomplete Monitor Count	System INCOMPLETE MONITOR COUNT	System Incomplete Monitor Count
	Vehicle Incomplete Monitor Count	Vehicle INCOMPLETE MONITOR COUNT	Vehicle Incomplete Monitor Count
INDIRECT FUEL INJECTION	FI (Fuel Injection)	INDIRECT FUEL INJECTION	IFI
	Fuel Injection	INDIRECT FUEL INJECTION	IFI
	IDFI (Indirect Fuel Injection)	INDIRECT FUEL INJECTION	IFI
	IDI ( Indirect Diesel Injection)	INDIRECT FUEL INJECTION	IFI
	IFI (Indirect Fuel Injection)	INDIRECT FUEL INJECTION	IFI
	Indirect Fuel Injection	INDIRECT FUEL INJECTION	IFI
INJECTION ACTUATION PRESSURE	Injection Actuation Pressure	Engine INJECTION ACTUATION PRESSURE	IAP
	Injection Actuation Pressure Control Valve	Engine INJECTION ACTUATION PRESSURE Control Valve	IAP Control Valve
INJECTION CONTROL	Engine Injection Control Pressure	Engine INJECTION CONTROL Pressure	Inj Ctrl Press

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
INJECTION CONTROL PRESSURE	Engine Injection Control Pressure Regulator	Engine INJECTION CONTROL Pressure Regulator	Inj Ctrl Press Regulator
	ICP (Ignition Control Pressure)	Engine INJECTION CONTROL PRESSURE	ICP
	Injection Control Pressure	Engine INJECTION CONTROL PRESSURE	ICP
	Injection Control Pressure Regulator	Engine INJECTION CONTROL PRESSURE Regulator	ICP Regulator
	Injection Control Pressure Sensor	Engine INJECTION CONTROL PRESSURE Sensor	ICP Sensor
	Injection Control Pressure Solenoid	Engine INJECTION CONTROL PRESSURE Solenoid	ICP Solenoid
INJECTION FUEL PRESSURE	Injection Control Pressure Valve	Engine INJECTION CONTROL PRESSURE Valve	ICP Valve
	Fuel Injection Pressure	Engine INJECTION FUEL PRESSURE	IFP
INJECTOR	Electronic Unit Injector (EUI)	Engine INJECTOR	INJ
	Engine Injector Group	Engine INJECTOR Group	Inj Group
	Engine Injector Metering Rail Pressure	Engine INJECTOR Metering Rail Pressure	Inj Metering Rail Press
	Engine Injector Timing Rail Pressure	Engine INJECTOR Timing Rail Pressure	Inj Timing Rail Press
	Fuel Injector	Engine INJECTOR	INJ
	Hydraulically Actuated Electronic Unit Injector	Engine INJECTOR	INJ
INJECTOR #	Injector	Engine INJECTOR	INJ
	Mechanical Unit Injector (MUI)	Engine INJECTOR	INJ
	Hydraulically Actuated Electronic Unit Injector	Engine INJECTOR #	INJ #
	Injector Cylinder #	Engine INJECTOR #	INJ #
INJECTOR CYLINDER	Engine Injector Cylinder	Engine INJECTOR CYLINDER	Inj Cyl
	Engine Injector Cylinder Actuator	Engine INJECTOR CYLINDER Actuator	Inj Cyl Actuator
INJECTOR DRIVE MODULE	Electronic Drive Unit	Engine INJECTOR DRIVE MODULE	IDM
	Electronic Drive Unit Feedback	Feedback INJECTOR DRIVE MODULE	FIDM
	Injector Drive Module Enable	Engine INJECTOR DRIVE MODULE	IDM
INJECTOR METERING RAIL PRESSURE	Injector Metering Rail Press	Engine INJECTOR METERING RAIL PRESSURE Sensor	IMRP Sensor

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
INJECTOR NEEDLE LIFT	Engine Injector Needle Lift Sensor	Engine INJECTOR NEEDLE LIFT Sensor	Inj Needle Lift Sensor
INJECTOR PLUNGER/BARREL	Injector Plunger/Barrel	Engine INJECTOR PLUNGER/BARREL	INJ Plunger/Barrel
INJECTOR SOLENOID	Injector Solenoid	Engine INJECTOR SOLENOID	INJ Solenoid
INJECTOR SOLENOID #	Injector n solenoid	Engine INJECTOR SOLENOID #	INJ Solenoid #
INJECTOR TIMING RAIL PRESSURE	Injector Timing Rail Press	Engine INJECTOR TIMING RAIL PRESSURE Sensor	ITRP Sensor
INSPECTION and MAINTENANCE	I/M (Inspection and Maintenance)	INSPECTION and MAINTENANCE	I/M
	Inspection and Maintenance	INSPECTION and MAINTENANCE	I/M
INTAKE AIR	Air Intake System	INTAKE AIR System	IA System
	Engine Intake Air Mass Flow Rate	Engine INTAKE AIR Mass Flow Rate	IA Mass Flow Rate
	Engine Intake Air Precleaner	Engine INTAKE AIR Precleaner	IA Precleaner
	Intake Air	INTAKE AIR	IA
INTAKE AIR HEATER	Engine Intake Air Heater Driver	Engine INTAKE AIR HEATER Driver	IA Htr Driver
	Intake Air Heater	INTAKE AIR HEATER System	IAH System
INTAKE AIR TEMPERATURE	ACT (Air Charge Temperature)	INTAKE AIR TEMPERATURE	IAT
	Air Temperature Sensor	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
	Ambient Air Temperature	INTAKE AIR TEMPERATURE	IAT
	Ambient Air Temperature Sensor	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
	ATS (Air Temperature Sensor)	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
	IAT (Intake Air Temperature)	INTAKE AIR TEMPERATURE	IAT
	IAT (Intake Air Temperature) Sensor	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
	IATS (Intake Air Temperature Sensor)	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
	Intake Air Temperature	INTAKE AIR TEMPERATURE	IAT
	Intake Air Temperature Sensor	INTAKE AIR TEMPERATURE Sensor	IAT Sensor
	VAT (Vane Air Temperature)	INTAKE AIR TEMPERATURE	IAT
INTAKE MANIFOLD AIR TEMPERATURE	ACT (Air Charge Temperature)	INTAKE MANIFOLD AIR TEMPERATURE	IMAT



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Engine Intake Manifold Air Temperature (High Resolution)	Engine INTAKE MANIFOLD AIR TEMPERATURE (High Resolution)	IMAT (Hi Res)
	Engine Intake Manifold Temperature	Engine INTAKE MANIFOLD AIR TEMPERATURE	IMAT
	Inlet Manifold Air Temperature	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
	Inlet Manifold Air Temperature Sensor	INTAKE MANIFOLD AIR TEMPERATURE Sensor	IMAT Sensor
	Intake Manifold Air Temperature	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
	Intake Manifold Temperature	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
	MAT (Manifold Air Temperature)	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
	MATS (Manifold Air Temperature) Sensor	INTAKE MANIFOLD AIR TEMPERATURE Sensor	IMAT Sensor
	TBT (Throttle Body Temperature)	INTAKE MANIFOLD AIR TEMPERATURE	IMAT
	Intake Manifold Charge Combustion	INTAKE MANIFOLD CHARGE COMBUSTION	IMCC
INTAKE MANIFOLD CHARGE COMBUSTION	Intake Manifold Charge Combustion	INTAKE MANIFOLD CHARGE COMBUSTION	IMCC
INTAKE MANIFOLD PRESSURE	Boost Pressure	INTAKE MANIFOLD PRESSURE	IMP
	Boost Pressure Sensor	INTAKE MANIFOLD PRESSURE Sensor	IMP Sensor
	Commanded Engine Intake Manifold Pressure	Commanded Engine INTAKE MANIFOLD PRESSURE	Cmd IMP
	Engine Desired Absolute Intake Manifold Pressure (Turbo Boost Limit)	Engine Desired INTAKE MANIFOLD PRESSURE	Desired IMP
	Engine Intake Manifold Absolute Pressure	Engine INTAKE MANIFOLD Absolute PRESSURE	IMP
	Engine Intake Manifold Absolute Pressure (High Resolution)	Engine INTAKE MANIFOLD Absolute PRESSURE (High Resolution)	IMP (Hi Res)
	Engine Intake Manifold Pressure	Engine INTAKE MANIFOLD PRESSURE	IMP
	Engine Intake Manifold Pressure Bank Imbalance	Engine INTAKE MANIFOLD PRESSURE Bank Imbalance	IMP Bank Imbalance
	Engine Intake Manifold Pressure Control Mode	Engine INTAKE MANIFOLD PRESSURE Control Mode	IMP Ctrl Mode
	Engine Intake Manifold Pressure System Monitor	Engine INTAKE MANIFOLD PRESSURE System Monitor	IMP Sys Mon
	Turbo Boost Sensor	INTAKE MANIFOLD PRESSURE Sensor	IMP Sensor

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
INTAKE VALVE	Turbocharger Boost Pressure	INTAKE MANIFOLD PRESSURE	IMP
	Engine Intake Valve Actuation Oil Pressure for Cylinder	Engine INTAKE VALVE ACTUATION Oil Pressure for Cylinder	Intake Valve Actuation Oil Pressure for Cylinder
	Engine Intake Valve Actuation System Oil Pressure Control Valve	Engine INTAKE VALVE ACTUATION System Oil Pressure Control Valve	Intake Valve Actuation System Oil Pressure Control Valve
	Engine Intake Valve Actuation System Oil Temperature	Engine INTAKE VALVE ACTUATION System Oil Temperature	Intake Valve Actuation System Oil Temp
	Engine Intake Valve Actuator	Engine INTAKE VALVE Actuator	Intake Valve Actuator
INTERNAL IDENTIFICATION DATA	Intake Valve Actuation System Oil Pressure Solenoid Control	INTAKE VALVE Actuation System Oil Pressure Solenoid Control	Intake Valve Actuation Sys Oil Press Solenoid Ctrl
	Engine Configuration	INTERNAL IDENTIFICATION DATA	IIDD
INTERNAL IDENTIFICATION PLATE	Identification Data	INTERNAL IDENTIFICATION DATA	IIDD
	ECM Internal Data Plate	ECM INTERNAL IDENTIFICATION PLATE	ECM IIDP
J1939 NETWORK #1	SAE J1939 Data Link, Primary Vehicle Network	J1939 NETWORK #1, Primary Vehicle Network	J1939 Network #1
KEYSWITCH BATTERY POTENTIAL	Keyswitch Battery Potential	KEYSWITCH BATTERY POTENTIAL	Keyswitch Batt Potential
KNOCK	Engine Cylinder Knock Level	Engine Cylinder KNOCK Level	Cyl Knock Lvl
KNOCK SENSOR	Detonation Sensor	Engine KNOCK SENSOR	KS
	DS (Detonation Sensor)	Engine KNOCK SENSOR	KS
	Engine Knock Sensor	Engine KNOCK SENSOR	KS
	Knock Sensor	Engine KNOCK SENSOR	KS
	KS (Knock Sensor)	Engine KNOCK SENSOR	KS
MAKE	Make	MAKE	Make
MALFUNCTION INDICATOR	System Continuous Malfunction Indicator	System Continuous MALFUNCTION INDICATOR	System Continuous Malfunction Indicator
	System Cumulative Continuous Malfunction Indicator Time	System Cumulative Continuous MALFUNCTION INDICATOR Time	System Cumulative Continuous MI Time
	System Malfunction Indicator Activation Mode	System MALFUNCTION INDICATOR ACTIVATION MODE	System MI Activation Mode
	System Malfunction Indicator Display Strategy	System MALFUNCTION INDICATOR Display Strategy	System MI Display Strategy
	Vehicle Continuous Malfunction Indicator	Vehicle Continuous MALFUNCTION INDICATOR	Vehicle Continuous Malfunction Indicator

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
MALFUNCTION INDICATOR LAMP	Vehicle Current MI Accumulated Time	Vehicle Current MALFUNCTION INDICATOR Accumulated Time	Vehicle Current MI Accumulated Time
	Vehicle Malfunction Indicator Activation Mode	Vehicle MALFUNCTION INDICATOR Activation Mode	Vehicle Malfunction Indicator Activation Mode
	Vehicle Malfunction Indicator Display Strategy	Vehicle MALFUNCTION INDICATOR Display Strategy	Vehicle Malfunction Indicator Display Strategy
	Check Engine	MALFUNCTION INDICATOR LAMP	MIL
	Flash Malfunction Indicator Lamp	Flash MALFUNCTION INDICATOR LAMP	Flash MIL
	Malfunction Indicator Lamp	MALFUNCTION INDICATOR LAMP	MIL
	MIL (Malfunction Indicator Lamp)	MALFUNCTION INDICATOR LAMP	MIL
MANIFOLD ABSOLUTE PRESSURE	Minutes Run by Engine While MIL Activated	Minutes Accumulated While MIL Activated	Minutes Accum While MIL Activated
	Service Engine Soon	MALFUNCTION INDICATOR LAMP	MIL
	Air Inlet Pressure	MANIFOLD ABSOLUTE PRESSURE	MAP
	Intake Manifold Absolute Pressure Sensor	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
	Manifold Absolute Press Sensor	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
	Manifold Absolute Pressure	MANIFOLD ABSOLUTE PRESSURE	MAP
	MAP (Manifold Absolute Pressure)	MANIFOLD ABSOLUTE PRESSURE	MAP
	MAP (Manifold Absolute Pressure) Sensor	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
	MAPS (Manifold Absolute Pressure Sensor)	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
	P- (Pressure) Sensor	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
	Pressure Sensor	MANIFOLD ABSOLUTE PRESSURE Sensor	MAP Sensor
MANIFOLD DIFFERENTIAL PRESSURE	Manifold Differential Pressure	MANIFOLD DIFFERENTIAL PRESSURE	MDP
	MDP (Manifold Differential Pressure)	MANIFOLD DIFFERENTIAL PRESSURE	MDP
	VAC (Vacuum) Sensor	MANIFOLD DIFFERENTIAL PRESSURE Sensor	MDP Sensor
MANIFOLD SURFACE TEMPERATURE	Manifold Surface Temperature	MANIFOLD SURFACE TEMPERATURE	MST

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
MANIFOLD VACUUM ZONE	MST (Manifold Surface Temperature)	MANIFOLD SURFACE TEMPERATURE	MST
	Manifold Vacuum Zone	MANIFOLD VACUUM ZONE	MVZ
	MVZ (Manifold Vacuum Zone)	MANIFOLD VACUUM ZONE	MVZ
MASS AIR FLOW	Vacuum Switches	MANIFOLD VACUUM ZONE Switch	MVZ Switch
	AFC (Air Flow Control)	MASS AIR FLOW	MAF
	AFS (Air Flow Sensor)	MASS AIR FLOW Sensor	MAF Sensor
	Air Flow Meter	MASS AIR FLOW Sensor	MAF Sensor
	Air Flow Sensor	MASS AIR FLOW Sensor	MAF Sensor
	Air Mass Sensor	MASS AIR FLOW Sensor	MAF Sensor
	Hot Wire Anemometer	MASS AIR FLOW Sensor	MAF Sensor
	MAF (Mass Air Flow)	MASS AIR FLOW	MAF
	MAF (Mass Air Flow) Sensor	MASS AIR FLOW Sensor	MAF Sensor
	Mass Air Flow	MASS AIR FLOW	MAF
MASS GAS FLOW	Mass Air Flow Sensor	MASS AIR FLOW Sensor	MAF Sensor
	Mass Gas Flow	MASS GAS FLOW	MGF
MIXER	Engine Mixer Intake Relative Humidity	Engine MIXER Intake Relative Humidity	Mixer Intake Relative Humidity
MIXER INTAKE PRESSURE	Mixer Inlet Pressure	MIXER INTAKE PRESSURE	MIP
MIXTURE CONTROL	FBC (Feed Back Control)	MIXTURE CONTROL	MC
	MC (Mixture Control)	MIXTURE CONTROL	MC
	MCS (Mixture Control Solenoid)	MIXTURE CONTROL Solenoid	MC Solenoid
	Mixture Control	MIXTURE CONTROL	MC
MODEL	Model	MODEL	Model
MODEL YEAR	Model Year	MODEL YEAR	Model Yr
MULTIPOINT FUEL INJECTION	Central Multiport Fuel Injection	Central MULTIPOINT FUEL INJECTION	Central MFI
	CMFI (Central Multiport Fuel Injection)	Central MULTIPOINT FUEL INJECTION	Central MFI
	DFI (Digital Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
	D-Jetronic	MULTIPOINT FUEL INJECTION	MFI
	EFI (Electronic Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
	FI (Fuel Injection)	Central MULTIPOINT FUEL INJECTION	Central MFI
	FI (Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Fuel Injection	Central MULTIPOINT FUEL INJECTION	Central MFI
	Fuel Injection	MULTIPOINT FUEL INJECTION	MFI
	LH-Jetronic	MULTIPOINT FUEL INJECTION	MFI
	L-Jetronic	MULTIPOINT FUEL INJECTION	MFI
	MFI (Multiport Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
	Motronic	MULTIPOINT FUEL INJECTION	MFI
	Motronic-Pressure	MULTIPOINT FUEL INJECTION	MFI
	MPI (Multiport Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
	MPI (Multiport Injection)	MULTIPOINT FUEL INJECTION	MFI
	Multiport Fuel Injection	MULTIPOINT FUEL INJECTION	MFI
	PFI (Port Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
	PGM-FI (Programmed Fuel Injection)	MULTIPOINT FUEL INJECTION	MFI
	TPI (Tuned Port Injection)	MULTIPOINT FUEL INJECTION	MFI
	Tuned Port Injection	MULTIPOINT FUEL INJECTION	MFI
NET BATTERY CURRENT	Net Battery Current	NET BATTERY CURRENT	Net Battery Current
NET BRAKE TORQUE	Engine Net Brake Torque	Engine NET BRAKE TORQUE	Net Brake Trq
NON-ROADWORTHY COMPONENT COUNT	System Non-Roadworthy Component Count	System NON-ROADWORTHY COMPONENT COUNT	System Non-Roadworthy Component Count
	Vehicle Non-Roadworthy Component Count	Vehicle NON-ROADWORTHY COMPONENT COUNT	Vehicle Non-Roadworthy Component Count
NONVOLATILE RANDOM ACCESS MEMORY	KAM (Keep Alive Memory)	NONVOLATILE RANDOM ACCESS MEMORY	NVRAM
	Nonvolatile Random Access Memory	NONVOLATILE RANDOM ACCESS MEMORY	NVRAM
	NVM (Nonvolatile Memory)	NONVOLATILE RANDOM ACCESS MEMORY	NVRAM
	NVRAM (Non Volatile Random Access Memory)	NONVOLATILE RANDOM ACCESS MEMORY	NVRAM
NOX CONVERTING CATALYST	NOx Converting Catalyst	NOX CONVERTING CATALYST	NOx Converting Catalyst
NOX LIMITS EXCEEDED	NOx limits exceeded due to Deactivation of EGR	NOX LIMITS EXCEEDED due to Deactivation of EGR	NOx limits exceeded due to Deactivation of EGR
	NOx limits exceeded due to Empty Reagent Tank	NOX LIMITS EXCEEDED due to Empty Reagent Tank	NOx limits exceeded due to Empty Reagent Tank
	NOx limits exceeded due to error in the NOx control system	NOX LIMITS EXCEEDED due to error in the NOx control system	NOx limits exceeded due to error in the NOx control system

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	NOx limits exceeded due to Incorrect EGR flow	NOX LIMITS EXCEEDED due to Incorrect EGR flow	NOx limits exceeded due to Incorrect EGR flow
	NOx limits exceeded due to Insufficient Reagent Quality	NOX LIMITS EXCEEDED due to Insufficient Reagent Quality	NOx limits exceeded due to Insufficient Reagent Quality
	NOx limits exceeded due to Interrupted Reagent Dosing	NOX LIMITS EXCEEDED due to Interrupted Reagent Dosing	NOx limits exceeded due to Interrupted Reagent Dosing
	NOx limits exceeded due to Low Reagent Consumption	NOX LIMITS EXCEEDED due to Low Reagent Consumption	NOx limits exceeded due to Low Reagent Consumption
	NOx limits exceeded, root cause unknown	NOX LIMITS EXCEEDED, root cause unknown	NOx limits exceeded, root cause unknown
OIL FILTER	Engine Centrifugal Oil Filter Speed	Engine Centrifugal OIL FILTER Speed	Centrifugal OIL FILTER Spd
ON BOARD DIAGNOSTIC	Engine OBD Warm-up Sequence	Engine OBD Warm-up Sequence	Eng OBD WU Seq
	OBD (On Board Diagnostic)	ON BOARD DIAGNOSTIC	OBD
	OBD Monitoring Conditions Encountered	OBD Monitoring Conditions Encountered	OBD Monitoring Conditions Encountered
	OBD Status	OBD Status	OBD STAT
	OBD Test Results	OBD Test Results	OBD Test Results
OPEN LOOP	On Board Diagnostic	ON BOARD DIAGNOSTIC	OBD
	Self Test	ON BOARD DIAGNOSTIC	OBD
	OL (Open Loop)	OPEN LOOP	OL
	Open Loop	OPEN LOOP	OL
	OSS (Output Shaft Speed) Sensor Driver	OUTPUT SHAFT SPEED Sensor Driver	OSS Sensor
OUTPUT SHAFT SPEED	Output Shaft Speed Sensor	OUTPUT SHAFT SPEED Sensor	OSS Sensor
OXIDATION CATALYST	Oxidation Catalytic Converter	OXIDATION CATALYST	OC
OXYGEN SENSOR	EGO (Exhaust Gas Oxygen) Sensor	OXYGEN SENSOR	O2S
	EGOS (Exhaust Gas Oxygen Sensor)	OXYGEN SENSOR	O2S
	EGS (Exhaust Gas Sensor)	OXYGEN SENSOR	O2S
	Engine Oxygen Sensor Heated	Engine OXYGEN SENSOR Heated	Eng O2 Sensor Heated
	EOS (Exhaust Oxygen Sensor)	OXYGEN SENSOR	O2S
	Lambda	OXYGEN SENSOR	O2S

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
PARAMETER IDENTIFICATION	O2 (Oxygen) Sensor	OXYGEN SENSOR	O2S
	O2S (Oxygen Sensor)	OXYGEN SENSOR	O2S
	OS (Oxygen Sensor)	OXYGEN SENSOR	O2S
	Oxygen (or Exhaust Gas) Sensor Bank Monitor	OXYGEN (or Exhaust Gas) SENSOR Bank Monitor	Oxygen (or Exh Gas) Sensor Bank Monitor
	Oxygen Sensor	OXYGEN SENSOR	O2S
	Parameter Identification	PARAMETER IDENTIFICATION	PID
PARK/NEUTRAL POSITION	PID (Parameter Identification)	PARAMETER IDENTIFICATION	PID
	NDS (Neutral Drive Switch)	PARK/NEUTRAL POSITION Switch	PNP Switch
	Neutral Safety Switch	PARK/NEUTRAL POSITION Switch	PNP Switch
	NGS (Neutral Position Switch)	PARK/NEUTRAL POSITION Switch	PNP Switch
	NPS (Neutral Position Switch)	PARK/NEUTRAL POSITION Switch	PNP Switch
	P/N (Park/Neutral)	PARK/NEUTRAL POSITION	PNP
	Park/Neutral Position	PARK/NEUTRAL POSITION	PNP
	PNP (Park/Neutral Position)	PARK/NEUTRAL POSITION	PNP
	TPNP (Trans Park Neutral Position)	PARK/NEUTRAL POSITION	PNP
PARKING BRAKE	Transmission Park Neutral Position	PARK/NEUTRAL POSITION	PNP
	Park Brake Release Inhibit Request	PARKING BRAKE Release Inhibit Request	Parking Brake Release Inhibit Request
	Parking Brake Off Actuator	PARKING BRAKE Off Actuator	Parking Brake Off Actuator
	Parking Brake On Actuator	PARKING BRAKE On Actuator	Parking Brake On Actuator
PERCENT LOAD	Parking Brake Switch	PARKING BRAKE Switch	Parking Brake Switch
	Engine Percent Load At Current Speed	Engine PERCENT LOAD At Current Speed	Pct Ld At Crnt Spd
PERSONALITY MODULE	Personality Module	PERSONALITY MODULE	PM
POSITIVE CRANKCASE VENTILATION	Engine Crankcase Ventilation Hose Disconnected	Engine POSITIVE CRANKCASE VENTILATION Hose Disconnected	PCV Hose Disconnected
	Engine Positive Crankcase Ventilation System Monitor	Engine POSITIVE CRANKCASE VENTILATION System Monitor	PCV System Monitor
	PCV (Positive Crankcase Vent)	POSITIVE CRANKCASE VENTILATION	PCV
	PCV (Positive Crankcase Vent) Valve	POSITIVE CRANKCASE VENTILATION Valve	PCV Valve



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Positive Crankcase Vent Valve	POSITIVE CRANKCASE VENTILATION Valve	PCV Valve
	Positive Crankcase Ventilation	POSITIVE CRANKCASE VENTILATION	PCV
POSITIVE DISPLACEMENT BLOWER	Positive Displacement Blower	POSITIVE DISPLACEMENT BLOWER	PDB
POWER RELAY	Power Relay	POWER RELAY	Power Relay
POWERTRAIN CONTROL MODULE	ECA (Electronic Control Assembly)	POWERTRAIN CONTROL MODULE	PCM
	ECU4 (Electronic Control Unit 4)	POWERTRAIN CONTROL MODULE	PCM
	EEC (Electronic Engine Control ) Processor	POWERTRAIN CONTROL MODULE	PCM
	MCU (Microprocessor Control Unit)	POWERTRAIN CONTROL MODULE	PCM
	PCM (Powertrain Control Module)	POWERTRAIN CONTROL MODULE	PCM
	Powertrain Control Module	POWERTRAIN CONTROL MODULE	PCM
	SBEC (Single Board Engine Control)	POWERTRAIN CONTROL MODULE	PCM
	SMEC (Single Module Engine Control)	POWERTRAIN CONTROL MODULE	PCM
	SMFC (Single Module Fuel Control)	POWERTRAIN CONTROL MODULE	PCM
PRESSURE CONTROL	Dynamic Pressure Control Solenoid	Dynamic PRESSURE CONTROL Solenoid	Dynamic PC Solenoid
	Dynamic Pressure Control Solenoid Valve	Dynamic PRESSURE CONTROL Solenoid Valve	Dynamic PC Solenoid Valve
	PC (Pressure Control) Solenoid Valve	PRESSURE CONTROL Solenoid Valve	PC Solenoid Valve
	Pressure Control Solenoid Valve	PRESSURE CONTROL Solenoid Valve	PC Solenoid Valve
PROGRAM MEMORY	Program Memory	PROGRAM MEMORY	Program Memory
PROGRAMMABLE READ ONLY MEMORY	Programmable Read Only Memory	PROGRAMMABLE READ ONLY MEMORY	PROM
	PROM (Programmable Read Only Memory)	PROGRAMMABLE READ ONLY MEMORY	PROM
PROPRIETARY DATA LINK	Proprietary Data Link	PROPRIETARY DATA LINK	Prop DL
PROTECT LAMP	Engine Warning Lamp	PROTECT LAMP	PL
PTO	Engine PTO Governor Accelerate Switch	Engine PTO Governor Accelerate Switch	PTO Accel Sw

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Engine PTO Governor Coast/Decelerate Switch	Engine PTO Governor Coast/Decelerate Switch	PTO Decel Sw
	Engine PTO Governor Enable Switch	Engine PTO Governor Enable Switch	PTO En Sw
	Engine PTO Governor Resume Switch	Engine PTO Governor Resume Switch	PTO Resume Sw
	Engine PTO Governor Set Switch	Engine PTO Governor Set Switch	PTO Set Sw
	Engine Remote PTO Governor Preprogrammed Speed Control Switch	Engine Remote PTO Governor Preprogrammed Speed Control Switch	Rmt PTO Preprogrammed Spd Ctrl Sw
	Engine Remote PTO Governor Variable Speed Control Switch	Engine Remote PTO Governor Variable Speed Control Switch	Rmt PTO Variable Spd Ctrl Sw
	PTO Governor State	PTO GOVERNOR STATE	PTO Governor State
	Total Power Takeoff Hours	Total PTO Hours	Total PTO Hours
PTO OIL TEMPERATURE	PTO Oil Temperature	PTO OIL TEMPERATURE	PTOT
PULSE WIDTH	Pulse Width	PULSE WIDTH	PW
PULSE WIDTH MODULATION	Pulse Width Modulation	PULSE WIDTH MODULATION	PWM
PULSED SECONDARY AIR INJECTION	AIR (Air Injection Reactor)	PULSED SECONDARY AIR INJECTION	PAIR
	AIV (Air Injection Valve)	PULSED SECONDARY AIR INJECTION	PAIR
	PAIR (Pulsed Secondary Air Injection)	PULSED SECONDARY AIR INJECTION	PAIR
	Pulsair	PULSED SECONDARY AIR INJECTION	PAIR
	Pulsed Secondary Air Injection	PULSED SECONDARY AIR INJECTION	PAIR
	Reed Valve	PULSED SECONDARY AIR INJECTION Valve	PAIR Valve
	Thermactor II	PULSED SECONDARY AIR INJECTION	PAIR
RAIL FUEL PRESSURE	Fuel Rail Pressure	RAIL FUEL PRESSURE	RFP
	Rail Pressure	RAIL FUEL PRESSURE	RFP
	Rail Pressure Governor	RAIL FUEL PRESSURE Governor	RFPG
	Rail Pressure Sensor	RAIL FUEL PRESSURE Sensor	RFP Sensor
RANDOM ACCESS MEMORY	KAM (Keep Alive Memory)	Keep Alive RANDOM ACCESS MEMORY	Keep Alive RAM
	RAM (Random Access Memory)	RANDOM ACCESS MEMORY	RAM
	Random Access Memory	RANDOM ACCESS MEMORY	RAM
RATED SPEED	Rated Speed	Engine RATED SPEED	RATED SPEED

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
READ ONLY MEMORY	Read Only Memory	READ ONLY MEMORY	ROM
	ROM (Read Only Memory)	READ ONLY MEMORY	ROM
REAR PTO	Rear PTO Economy mode request status	REAR PTO Economy mode request status	Rear PTO Economy mode request status
	Rear PTO engagement request status	REAR PTO engagement request status	Rear PTO engagement request status
	Rear PTO mode request status	REAR PTO mode request status	Rear PTO mode request status
	Rear PTO shaft speed limit status	REAR PTO shaft speed limit status	Rear PTO shaft speed limit status
RED STOP LAMP	Engine Warning Lamp	RED STOP LAMP	RSL
	Stop Engine Light	RED STOP LAMP	RSL
RELATIVE HUMIDITY	Relative Humidity	RELATIVE HUMIDITY	Relative Humidity
REMOTE ACCELERATOR ENABLE SWITCH	Remote Accelerator Enable Switch	REMOTE ACCELERATOR ENABLE SWITCH	Rmt AP Enable Switch
REMOTE ACCELERATOR PEDAL POSITION	Remote Accelerator Pedal Position	REMOTE ACCELERATOR PEDAL POSITION	Rmt AP Pos
SAE J1587 DATA LINK	Diagnostic Data Link	SAE J1587 DATA LINK	SAE J1587 DL
	Digital Communication Link	SAE J1587 DATA LINK	SAE J1587 DL
SAE J1587 DATA LINK NEGATIVE	Diagnostic Data Link Negative Side	SAE J1587 DATA LINK NEGATIVE	SAE J1587 DL-
	Digital Communication Link Negative Side	SAE J1587 DATA LINK NEGATIVE	SAE J1587 DL-
SAE J1587 DATA LINK POSITIVE	Diagnostic Data Link Positive Side	SAE J1587 DATA LINK POSITIVE	SAE J1587 DL+
	Digital Communication Link Positive Side	SAE J1587 DATA LINK POSITIVE	SAE J1587 DL+
SAE J1922 DATA LINK	Diagnostic Data Link	SAE J1922 DATA LINK	SAE J1922 DL
	Powertrain Data Link	SAE J1922 DATA LINK	SAE J1922 DL
SAE J1939 DATA LINK	Digital Communication Link	SAE J1939 DATA LINK	SAE J1939 DL
SAE J1939 DATA LINK NEGATIVE	Diagnostic Data Link Negative Side	SAE J1939 DATA LINK NEGATIVE	SAE J1939 DL-
	Digital Communication Link Negative Side	SAE J1939 DATA LINK NEGATIVE	SAE J1939 DL-
	SAE J1939 Data Link Low	SAE J1939 DATA LINK NEGATIVE	SAE J1939 DL-
SAE J1939 DATA LINK POSITIVE	Diagnostic Data Link Positive Side	SAE J1939 DATA LINK POSITIVE	SAE J1939 DL+
	Digital Communication Link Positive Side	SAE J1939 DATA LINK POSITIVE	SAE J1939 DL+

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
SAE J1939 DATA LINK SHIELD	SAE J1939 Data Link High	SAE J1939 DATA LINK POSITIVE	SAE J1939 DL+
	Diagnostic Data Link Shield	SAE J1939 DATA LINK SHIELD	SAE J1939 SHLD
	Digital Communication Link Shield	SAE J1939 DATA LINK SHIELD	SAE J1939 SHLD
SCAN TOOL	Diagnostic Data Reader	SCAN TOOL	ST
	Digital Diagnostic Tool	SCAN TOOL	ST
	Electronic Service Tool	SCAN TOOL	ST
	Scan Tool	SCAN TOOL	ST
	ST (Scan Tool)	SCAN TOOL	ST
SECONDARY AIR INJECTION	AI (Air Injection)	SECONDARY AIR INJECTION	AIR
	AIP (Air Injection Pump)	SECONDARY AIR INJECTION Pump	AIR Pump
	AIR (Air Injection Reactor)	SECONDARY AIR INJECTION	AIR
	Air Control Valve	SECONDARY AIR INJECTION Control Valve	AIR Control Valve
	Air Management 1	SECONDARY AIR INJECTION Bypass	AIR Bypass
	Air Management 2	SECONDARY AIR INJECTION Diverter	AIR Diverter
	AIRB (Secondary Air Injection Bypass)	SECONDARY AIR INJECTION BYPASS	AIR Bypass
	AIRD (Secondary Air Injection Diverter)	SECONDARY AIR INJECTION DIVERTER	AIR Diverter
	AM1 (Air Management 1)	SECONDARY AIR INJECTION Bypass	AIR Bypass
	AM2 (Air Management 2)	SECONDARY AIR INJECTION Diverter	AIR Diverter
	Engine Secondary Air System Monitor	Engine SECONDARY AIR INJECTION System Monitor	Secondary Air System Monitor
	SABV (Secondary Air Injection Bypass Valve)	SECONDARY AIR INJECTION Bypass Valve	AIR Bypass Valve
	SACV (Secondary Air Injection Check Valve)	SECONDARY AIR INJECTION Control Valve	AIR Control Valve
	SASV (Secondary Air Injection Switch Valve)	SECONDARY AIR INJECTION Switch Valve	AIR Switching Valve
	Secondary Air Bypass Valve	SECONDARY AIR INJECTION Bypass Valve	AIR Bypass Valve
	Secondary Air Check Valve	SECONDARY AIR INJECTION Check Valve	AIR Check Valve
	Secondary Air Injection	SECONDARY AIR INJECTION	AIR
	Secondary Air Injection Bypass	SECONDARY AIR INJECTION Bypass	AIR Bypass

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Secondary Air Injection Diverter	SECONDARY AIR INJECTION Diverter	AIR Diverter
	Secondary Air Injection Switch Valve	SECONDARY AIR INJECTION Switching Valve	AIR Switching Valve
	TAB (Thermactor Air Bypass)	SECONDARY AIR INJECTION Bypass	AIR Bypass
	TAD (Thermactor Air Diverter)	SECONDARY AIR INJECTION DIVERTER	AIR Diverter
	Thermac	SECONDARY AIR INJECTION	AIR
	Thermactor	SECONDARY AIR INJECTION	AIR
	Thermactor Air Bypass	SECONDARY AIR INJECTION Bypass	AIR Bypass
	Thermactor Air Diverter	SECONDARY AIR INJECTION Diverter	AIR Diverter
SENSOR SUPPLY VOLTAGE	Sensor supply voltage	SENSOR SUPPLY VOLTAGE	Sensor supply voltage
SEQUENTIAL MULTIPOINT FUEL INJECTION	FI (Fuel Injection)	SEQUENTIAL MULTIPOINT FUEL INJECTION	SFI
	Fuel Injection	SEQUENTIAL MULTIPOINT FUEL INJECTION	SFI
	SEFI (Sequential Electronic Fuel Injection)	SEQUENTIAL MULTIPOINT FUEL INJECTION	SFI
	Sequential Multiport Fuel Injection	SEQUENTIAL MULTIPOINT FUEL INJECTION	SFI
	SFI (Sequential Multiport Fuel Injection)	SEQUENTIAL MULTIPOINT FUEL INJECTION	SFI
SERIAL NUMBER	Serial Number	SERIAL NUMBER	Serial Number
SERVICE REMINDER INDICATOR	Check Engine	SERVICE REMINDER INDICATOR	SRI
	EMR (Engine Maint Reminder)	SERVICE REMINDER INDICATOR	SRI
	OXS (Oxygen Sensor) Indicator	SERVICE REMINDER INDICATOR	SRI
	Service Engine Soon	SERVICE REMINDER INDICATOR	SRI
	Service Reminder Indicator	SERVICE REMINDER INDICATOR	SRI
	SRI (Service Reminder Indicator)	SERVICE REMINDER INDICATOR	SRI
SHIFT SOLENOID	Shift Solenoid	SHIFT SOLENOID	SS
	Shift Solenoid Valve	SHIFT SOLENOID Valve	SS Valve
	SS (Shift Solenoid)	SHIFT SOLENOID	SS
SMOKE PUFF LIMITER	Smoke Puff Limiter	SMOKE PUFF LIMITER	SPL
SOFTWARE IDENTIFICATION	Software Identification	SOFTWARE IDENTIFICATION	SOFT ID

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
SOOT	Particulate Matter	SOOT	Soot
SPARK ADVANCE	SPARK ADV	SPARK ADVANCE	SPARK ADV
SPARK PLUG	Spark Plug	Engine SPARK PLUG	Eng SPARK PLUG
SPECIAL IGNITOR LOOP - RESISTANCE	Special Ignitor Loop - Resistance	SPECIAL IGNITOR LOOP - RESISTANCE	Special Ignitor Loop - Resistance
SPECIFIC HUMIDITY	Specific Humidity	SPECIFIC HUMIDITY	Specific Humidity
SPN DATA LENGTH	SPN Data Length	SPN DATA LENGTH	SPN Data Length
SPN OF APPLICABLE SYSTEM MONITOR	SPN of Applicable System Monitor	SPN OF APPLICABLE SYSTEM MONITOR	SPN of Applicable System Monitor
SPN SUPPORT TYPE	SPN Support Type	SPN SUPPORT TYPE	SPN Support Type
SPN SUPPORTED	SPN Supported	SPN SUPPORTED	SPN Supported
START ENABLE DEVICE	Engine Start Enable Device	Engine START ENABLE DEVICE	Eng Start En Device
STARTER MOTOR RELAY	Engine Starter Motor Relay	Engine STARTER MOTOR RELAY	Eng Starter Motor Relay
SUPERCHARGER	Inline Supercharger	SUPERCHARGER	SC
	SC (Supercharger)	SUPERCHARGER	SC
	Supercharger	SUPERCHARGER	SC
SUPERCHARGER BYPASS	SBS (Supercharger Bypass Solenoid)	SUPERCHARGER BYPASS Solenoid	SCB Solenoid
	SCB (Supercharger Bypass)	SUPERCHARGER BYPASS	SCB
	Supercharger Bypass	SUPERCHARGER BYPASS	SCB
SUPPLY FUEL PRESSURE	Fuel Supply Pressure	SUPPLY FUEL PRESSURE	SFP
	Gas Supply Pressure	SUPPLY FUEL PRESSURE	SFP
SUPPLY FUEL TEMPERATURE	Fuel Regulated Temperature	SUPPLY FUEL TEMPERATURE	SFT
	Fuel Supply Temperature	SUPPLY FUEL TEMPERATURE	SFT
SYSTEM READINESS TEST	SRT (System Readiness Test)	SYSTEM READINESS TEST	SRT
	System Readiness Test	SYSTEM READINESS TEST	SRT
TACHOMETER	Engine Tachometer Signal Output	Engine TACHOMETER Signal Output	TACH Signal Out
	Tachometer Drive Output	TACHOMETER DRIVE Output	TACH Drive Output
TEST MODE SWITCH	Engine Test Mode Switch	Engine TEST MODE SWITCH	Eng Test Mode Sw
THERMAL VACUUM SWITCH	Thermal Vacuum Switch	THERMAL VACUUM SWITCH	TVC
THERMAL VACUUM VALVE	Thermal Vacuum Valve	THERMAL VACUUM VALVE	TVV
	TVS (Thermal Vacuum Switch)	THERMAL VACUUM VALVE	TVV

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	TVV (Thermal Vacuum Valve)	THERMAL VACUUM VALVE	TVV
THREE WAY + OXIDATION CATALYST	Dual Bed	THREE WAY + OXIDATION CATALYST	TWC+OC
	Three Way + Oxidation Catalytic Converter	THREE WAY + OXIDATION CATALYST	TWC+OC
	TWC+OC (Three Way+Oxidation Catalytic Converter	THREE WAY + OXIDATION CATALYST	TWC+OC
	TWC+OC(Three Way+Oxidation Catalytic Converter	THREE WAY + OXIDATION CATALYST	TWC+OC
THREE WAY CATALYST	Three Way Catalytic Converter	THREE WAY CATALYST	TWC
	TWC (Three Way Catalytic Converter)	THREE WAY CATALYST	TWC
	TWC (Three Way Catalytic Converter)	THREE WAY CATALYST	TWC
THROTTLE ACTUATOR	Engine Throttle Actuator	Engine THROTTLE ACTUATOR	Eng Throttle Actuator
	Engine Throttle Actuator Control Command	Engine THROTTLE ACTUATOR Control Command	Eng Throttle Actuator Ctrl Cmd
THROTTLE ACTUATOR CONTROL	TAC (Throttle Actuator Control) Module	THROTTLE ACTUATOR CONTROL Module	TAC Module
THROTTLE BODY	Fuel Charging Station	THROTTLE BODY	TB
	TB (Throttle Body)	THROTTLE BODY	TB
	Throttle Body	THROTTLE BODY	TB
THROTTLE BODY FUEL INJECTION	CFI (Central Fuel Injection)	THROTTLE BODY FUEL INJECTION	TBI
	EFI (Electronic Fuel Injection)	THROTTLE BODY FUEL INJECTION	TBI
	FI (Fuel Injection)	THROTTLE BODY FUEL INJECTION	TBI
	Fuel Injection	THROTTLE BODY FUEL INJECTION	TBI
	Mono-Jetronic	THROTTLE BODY FUEL INJECTION	TBI
	Mono-Motronic	THROTTLE BODY FUEL INJECTION	TBI
	Monotronic	THROTTLE BODY FUEL INJECTION	TBI
	SPI (Single Point Injection)	THROTTLE BODY FUEL INJECTION	TBI
	TBI (Throttle Body Fuel Injection)	THROTTLE BODY FUEL INJECTION	TBI
	Throttle Body Fuel Injection	THROTTLE BODY FUEL INJECTION	TBI
THROTTLE POSITION	Throttle Plate Position	THROTTLE POSITION	TP



TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
THROTTLE VALVE	Throttle Position Sensor	THROTTLE POSITION Sensor	TP Sensor
	Throttle Position Switch	THROTTLE POSITION Switch	TP Switch
	Throttle Potentiometer	THROTTLE POSITION Sensor	TP Sensor
	TP (Throttle Position)	THROTTLE POSITION	TP
	TP (Throttle Position) Sensor	THROTTLE POSITION Sensor	TP Sensor
	TP (Throttle Position) Switch	THROTTLE POSITION Switch	TP Switch
	TPS (Throttle Position Sensor)	THROTTLE POSITION Sensor	TP Sensor
	TPS (Throttle Position Switch)	THROTTLE POSITION Switch	TP Switch
	Engine Desired Throttle Valve Position	Engine Desired THROTTLE VALVE Position	Desired Throttle Valve Position
	Engine Throttle Valve Differential Pressure	Engine THROTTLE VALVE Differential Pressure	Eng Throttle Valve Diff Press
TIME SINCE ENGINE START	Engine Throttle Valve Operation Status	Engine THROTTLE VALVE Operation Status	Eng Throttle Valve Op Status
	Engine Throttle Valve Position	Engine THROTTLE VALVE Position	Eng Throttle Valve Position
	Engine Throttle Valve Temperature	Engine THROTTLE VALVE Temperature	Eng Throttle Valve Temp
TIMING ACTUATOR	Engine Throttle Valve Temperature Status	Engine THROTTLE VALVE Temperature Status	Eng Throttle Valve Temp Status
	Time Since Engine Start	TIME SINCE ENGINE START	Time Since Engine Start
TORQUE	Timing Control Solenoid	TIMING ACTUATOR Solenoid	TA Solenoid
	Actual Engine - Percent Torque	Actual Engine - Percent TORQUE	AEPT
	Actual Engine - Percent Torque High Resolution	Actual Engine - Percent TORQUE High Resolution	AEPT Hi Res
	Actual Retarder - Percent Torque	Actual Retarder - Percent TORQUE	ARPT
	Engine Demand – Percent Torque	Engine Demand – Percent TORQUE	Demand Engine Torque
	Engine Friction Percent Torque At Idle, Point 1	Engine Friction Percent TORQUE At Idle, Point 1	EFPT Point 1
	Engine Friction Percent Torque At Idle, Point 2	Engine Friction Percent TORQUE, Point 2	EFPT Point 2
	Engine Friction Percent Torque At Idle, Point 3	Engine Friction Percent TORQUE, Point 3	EFPT Point 3
	Engine Friction Percent Torque At Idle, Point 4	Engine Friction Percent TORQUE, Point 4	EFPT Point 4

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Engine Friction Percent Torque At Idle, Point 5	Engine Friction Percent TORQUE, Point 5	EFPT Point 5
	Engine Friction Percent Torque At Idle, Point 6	Engine Friction Percent TORQUE, Point 6	EFPT Point 6
	Engine Friction Percent Torque At Idle, Point 7	Engine Friction Percent TORQUE, Point 7	EFPT Point 7
	Engine Percent Torque At Idle, Point 1 (Engine Configuration)	Engine Percent TORQUE At Idle, Point 1 (Engine Configuration)	Eng Percent Trq At Idle, Point 1
	Engine Percent Torque At Point 2 (Engine Configuration)	Engine Percent TORQUE At Point 2 (Engine Configuration)	Eng Percent Trq At Point 2
	Engine Percent Torque At Point 3 (Engine Configuration)	Engine Percent TORQUE At Point 3 (Engine Configuration)	Eng Percent Trq At Point 3
	Engine Percent Torque At Point 4 (Engine Configuration)	Engine Percent TORQUE At Point 4 (Engine Configuration)	Eng Percent Trq At Point 4
	Engine Percent Torque At Point 5 (Engine Configuration)	Engine Percent TORQUE At Point 5 (Engine Configuration)	Eng Percent Trq At Point 5
	Estimated Engine Parasitic Losses - Percent Torque	Estimated Engine Parasitic Losses - Percent TORQUE	EEPLPT
	Nominal Friction - Percent Torque	Nominal Friction - Percent TORQUE	Nominal Friction - Percent Torque
TORQUE CONVERTER CLUTCH	CCC (Converter Clutch Control)	TORQUE CONVERTER CLUTCH	TCC
	CCO (Converter Clutch Override)	TORQUE CONVERTER CLUTCH	TCC
	Lock Up Relay	TORQUE CONVERTER CLUTCH Relay	TCC Relay
	LUS (Lock Up Solenoid) Valve	TORQUE CONVERTER CLUTCH Solenoid Valve	TCC Solenoid Valve
	TCC (Torque Converter Clutch)	TORQUE CONVERTER CLUTCH	TCC
	TCC (Torque Converter Clutch) Relay	TORQUE CONVERTER CLUTCH Relay	TCC Relay
	TCC (Torque Converter Clutch) Solenoid	TORQUE CONVERTER CLUTCH Solenoid	TCC Solenoid
	TCC (Torque Converter Clutch) Solenoid Valve	TORQUE CONVERTER CLUTCH Solenoid Valve	TCC Solenoid Valve
	Torque Converter Clutch	TORQUE CONVERTER CLUTCH	TCC
	Torque Converter Clutch Relay	TORQUE CONVERTER CLUTCH Relay	TCC Relay

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
TORQUE CONVERTER CLUTCH PRESSURE	Torque Converter Clutch Solenoid	TORQUE CONVERTER CLUTCH Solenoid	TCC Solenoid
	Torque Converter Clutch Solenoid Valve	TORQUE CONVERTER CLUTCH Solenoid Valve	TCC Solenoid Valve
	Viscous Converter Clutch	TORQUE CONVERTER CLUTCH	TCC
	Torque Converter Clutch Pressure	TORQUE CONVERTER CLUTCH PRESSURE	TCCP
TORQUE CURVE	Engine Torque Curve Selection	Engine TORQUE CURVE Selection	Eng Trq Curve Selection
TOTAL VEHICLE HOURS	Total Vehicle Hours	TOTAL VEHICLE HOURS	Total Vehicle Hours
TRANSMISSION CONTROL MODULE	TCM (Transmission Control Module)	TRANSMISSION CONTROL MODULE	TCM
TRANSMISSION CURRENT GEAR	Transmission Current Gear	TRANSMISSION CURRENT GEAR	Trans Cur Gear
TRANSMISSION DRIVELINE ENGAGED	Transmission Driveline Engaged	TRANSMISSION DRIVELINE ENGAGED	Transmission Driveline Engaged
TRANSMISSION OUTPUT SHAFT SPEED	Transmission Output Shaft Speed	TRANSMISSION OUTPUT SHAFT SPEED	Trans OSS
TRANSMISSION RANGE	Manual Lever Position Sensor	TRANSMISSION RANGE Sensor	TR Sensor
	MLPS (Manual Lever Position Sensor)	TRANSMISSION RANGE Sensor	TR Sensor
TRANSMISSION SELECTED GEAR	Transmission Selected Gear	TRANSMISSION SELECTED GEAR	Trans Sel Gear
TRANSMISSION SHIFT IN PROCESS	Transmission Shift In Process	TRANSMISSION SHIFT IN PROCESS	Trans SIP
TRANSMISSION TORQUE CONVERTER LOCKUP ENGAGED	Transmission Torque Converter Lockup Engaged	TRANSMISSION TORQUE CONVERTER LOCKUP ENGAGED	Transmission Torque Converter Lockup Engaged
TURBINE SHAFT SPEED	TSS (Turbine Shaft Speed Sensor)	TURBINE SHAFT SPEED Sensor	TSS Sensor
	Turbine Shaft Speed Sensor	TURBINE SHAFT SPEED Sensor	TSS Sensor
TURBOCHARGER	Engine Desired Turbocharger Wastegate Actuator Position	Engine Desired TURBOCHARGER Wastegate Actuator Position	Desired Turbo Wastegate Act Position
	Engine Turbocharger Boost Pressure	Engine TURBOCHARGER Boost Pressure	Eng TC Boost Press
	Engine Turbocharger Calculated Turbine Intake Temperature	Engine TURBOCHARGER Calculated Turbine Intake Temperature	Eng TC Calculated Turbine In Temp
	Engine Turbocharger Calculated Turbine Outlet Temperature	Engine TURBOCHARGER Calculated Turbine Outlet Temperature	Eng TC Calculated Turbine Out Temp

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Engine Turbocharger Compressor Bypass Actuator	Engine TURBOCHARGER Compressor Bypass Actuator	Eng TC Compressor Bypass Actuator
	Engine Turbocharger Compressor Bypass Actuator Command	Commanded Engine TURBOCHARGER Compressor Bypass Actuator Position	Commanded Eng TC Compressor Bypass Actuator Position
	Engine Turbocharger Compressor Bypass Actuator Operation Status	Engine TURBOCHARGER Compressor Bypass Actuator Operation Status	Eng TC Compressor Bypass Actuator Op Status
	Engine Turbocharger Compressor Bypass Actuator Position	Engine TURBOCHARGER Compressor Bypass Actuator Position	Eng TC Compressor Bypass Actuator Position
	Engine Turbocharger Compressor Bypass Actuator Position	Engine TURBOCHARGER Compressor Bypass Actuator Position	Eng TC Compressor Bypass Actuator Position
	Engine Turbocharger Compressor Bypass Actuator Temperature Status	Engine TURBOCHARGER Compressor Bypass Actuator Temperature Status	Eng TC Compressor Bypass Actuator Temp Status
	Engine Turbocharger Compressor Bypass Valve	Engine TURBOCHARGER Compressor Bypass Valve	Eng TC Compressor Bypass Valve
	Engine Turbocharger Compressor Intake Differential Pressure	Engine TURBOCHARGER Compressor Intake Differential Pressure	Eng TC Compressor In Differential Press
	Engine Turbocharger Compressor Intake Pressure	Engine TURBOCHARGER Compressor Intake Pressure	Eng TC Compressor In Press
	Engine Turbocharger Compressor Intake Temperature	Engine TURBOCHARGER Compressor Intake Temperature	Eng TC Compressor In Temp
	Engine Turbocharger Compressor Outlet Temperature	Engine TURBOCHARGER Compressor Outlet Temperature	Eng TC Compressor Outlet Temp
	Engine Turbocharger Oil Temperature	Engine TURBOCHARGER Oil Temperature	Eng TC Oil Temp
	Engine Turbocharger Secondary Intake Pressure	Engine TURBOCHARGER Secondary Intake Pressure	Eng TC Secondary In Press
	Engine Turbocharger Speed	Engine TURBOCHARGER Speed	Eng TC Spd
	Engine Turbocharger Turbine Bypass Actuator	Engine TURBOCHARGER Turbine Bypass Actuator	Eng TC Turbine Bypass Actuator
	Engine Turbocharger Turbine Intake Temperature	Engine TURBOCHARGER Turbine Intake Temperature	Eng TC Turbine In Temp
	Engine Turbocharger Turbine Outlet Temperature	Engine TURBOCHARGER Turbine Outlet Temperature	Eng TC Turbine Outlet Temp
	Engine Turbocharger Variable Geometry Actuator	Engine TURBOCHARGER Variable Geometry Actuator	Eng TC Variable Geometry Actuator

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Engine Turbocharger Wastegate Actuator	Engine TURBOCHARGER Wastegate Actuator	Eng TC Wastegate Actuator
	Engine Turbocharger Wastegate Actuator Command	Commanded Engine TURBOCHARGER Wastegate Actuator Position	Commanded Eng TC Wastegate Actuator Position
	Engine Turbocharger Wastegate Actuator Control Air Pressure	Engine TURBOCHARGER Wastegate Actuator Control Air Pressure	Eng TC Wastegate Actuator Ctrl Air Press
	Engine Turbocharger Wastegate Actuator Operation Status	Engine TURBOCHARGER Wastegate Actuator Operation Status	Eng TC Wastegate Actuator Op Status
	Engine Turbocharger Wastegate Actuator Position	Engine TURBOCHARGER Wastegate Actuator Position	Eng TC Wastegate Actuator Position
	Engine Turbocharger Wastegate Actuator Temperature	Engine TURBOCHARGER Wastegate Actuator Temperature	Eng TC Wastegate Actuator Temp
	Engine Turbocharger Wastegate Actuator Temperature Status	Engine TURBOCHARGER Wastegate Actuator Temperature Status	Eng TC Wastegate Actuator Temp Status
	Engine Turbocharger Wastegate Drive	Engine TURBOCHARGER Wastegate Drive	Eng TC Wastegate Drive
	Engine Turbocharger Wastegate Valve Position	Engine TURBOCHARGER Wastegate Valve Position	Eng TC Wastegate Valve Position
	Engine Variable Geometry Turbocharger (VGT) Actuator Position	Engine Variable Geometry TURBOCHARGER (VGT) Actuator Position	Eng VGT Actuator Position
	Engine Variable Geometry Turbocharger (VGT) Air Control Shutoff Valve	Engine Variable Geometry TURBOCHARGER (VGT) Air Control Shutoff Valve	Eng VGT Air Ctrl Shutoff Valve
	Engine Variable Geometry Turbocharger (VGT) Nozzle Position	Engine Variable Geometry TURBOCHARGER (VGT) Nozzle Position	Eng VGT Nozzle Position
	Engine Variable Geometry Turbocharger Actuator	Engine Variable Geometry TURBOCHARGER Actuator	Eng VGT Actuator
	Engine Variable Geometry Turbocharger Actuator Temperature	Engine Variable Geometry TURBOCHARGER Actuator Temperature	Eng VGT Actuator Temp
	Engine Variable Geometry Turbocharger Control Mode	Engine Variable Geometry TURBOCHARGER Control Mode	Eng VGT Control Mode
	TC (TURBO) Wastegate Regulator Valve	TURBOCHARGER Wastegate Regulator Valve	TC Wastegate Regulator Valve
	TC (Turbocharger)	TURBOCHARGER	TC
	TC (Turbocharger) Wastegate	TURBOCHARGER Wastegate	TC Wastegate

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
	Turbo (Turbocharger)	TURBOCHARGER	TC
	Turbocharger	TURBOCHARGER	TC
	Turbocharger Wastegate	TURBOCHARGER Wastegate	TC Wastegate
	Turbocharger Wastegate Regulating Valve	TURBOCHARGER Wastegate Regulating Valve	TC Wastegate Regulating Valve
	Wastegate Control Valve	TURBOCHARGER Wastegate Regulating Valve	TC Regulating Valve
TWO SPEED AXLE ACTUATOR	Two Speed Axle Actuator	TWO SPEED AXLE ACTUATOR	Two Speed Axle Actuator
TWO SPEED AXLE SWITCH	Two Speed Axle Switch	TWO SPEED AXLE SWITCH	Two Speed Axle Switch
VARIABLE CONTROL RELAY MODULE	Variable Control Relay Module	VARIABLE CONTROL RELAY MODULE	VCRM
VARIABLE SPEED GOVERNOR	All Speed Governor	VARIABLE SPEED GOVERNOR	VSG
	Full Range Governor	VARIABLE SPEED GOVERNOR	VSG
	Variable Speed Control	VARIABLE SPEED GOVERNOR	VSG
	Variable Speed Control with Droop	VARIABLE SPEED GOVERNOR	VSG
	Variable Speed Control with Variable Droop	VARIABLE SPEED GOVERNOR	VSG
	Variable Speed Governor	VARIABLE SPEED GOVERNOR	VSG
VARIABLE VALVE TIMING AND/OR CONTROL	Variable Valve Timing and/or Control	VARIABLE VALVE TIMING AND/OR CONTROL	VVT Control
VEHICLE IDENTIFICATION NUMBER	Vehicle Identification Number	VEHICLE IDENTIFICATION NUMBER	VIN
VEHICLE LIMITING SPEED	Road Speed Limit	VEHICLE LIMITING SPEED	VLS
	Vehicle Speed Limit	VEHICLE LIMITING SPEED	VLS
VEHICLE LIMITING SPEED GOVERNOR	Road Speed Governor	VEHICLE LIMITING SPEED GOVERNOR	VLSG
	Vehicle Speed Governor	VEHICLE LIMITING SPEED GOVERNOR	VLSG
VEHICLE SPEED	Wheel-Based Vehicle Speed	Wheel-Based VEHICLE SPEED	Wheel-Based VS
VEHICLE SPEED SENSOR	Distance Sensor	VEHICLE SPEED SENSOR	VSS
	PG (Pulse Generator)	VEHICLE SPEED SENSOR	VSS
	Vehicle Speed Sensor	VEHICLE SPEED SENSOR	VSS
	Vehicle Speed Sensor Open Coll	VEHICLE SPEED SENSOR	VSS
	VSS (Vehicle Speed Sensor)	VEHICLE SPEED SENSOR	VSS
VOLTAGE REFERENCE	Sensor Reference Voltage	VOLTAGE REFERENCE	VREF

TABLE 2 - RECOMMENDED TERMS AND USAGE

RECOMMENDED TERM	PREVIOUS USAGE	ACCEPTABLE USAGE	ACCEPTABLE ACRONYM / ABBREVIATION
VOLTAGE SUPPLY	Internal Sensor Voltage Supply	INTERNAL SENSOR VOLTAGE SUPPLY	Internal Sensor Voltage Supply
VOLUME AIR FLOW	AFC (Air Flow Control)	VOLUME AIR FLOW	VAF
	AFS (Air Flow Sensor)	VOLUME AIR FLOW Sensor	VAF Sensor
	Air Flow Meter	VOLUME AIR FLOW Sensor	VAF Sensor
	Air Flow Sensor	VOLUME AIR FLOW Sensor	VAF Sensor
	Air Mass Sensor	VOLUME AIR FLOW Sensor	VAF Sensor
	VAF (Volume Air Flow)	VOLUME AIR FLOW	VAF
	Vane Air Flow	VOLUME AIR FLOW	VAF
	Volume Air Flow	VOLUME AIR FLOW	VAF
WASTEGATE CONTROL CIRCUIT	Wastegate Output Device Driver	WASTEGATE CONTROL CIRCUIT	WCC
WHEEL SENSOR	Wheel Sensor ABS Axle Left	WHEEL SENSOR ABS Axle Left	Wheel Sensor ABS Axle Left
	Wheel Sensor ABS Axle Right	WHEEL SENSOR ABS Axle Right	Wheel Sensor ABS Axle Right
WIDE OPEN THROTTLE	Full Throttle	WIDE OPEN THROTTLE	WOT
	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



## 8. RECOMMENDED TERMS

Table 3 is an alphabetical listing of modifiers to be used in combination with base words.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
ACCELERATION RATE LIMIT	ACCELERATION RATE LIMIT	Status (active or not active) of the system used to limit maximum forward vehicle acceleration.
ACCELERATOR	AP	See Glossary Entry "ACCELERATOR".
ACCELERATOR PEDAL	AP	See Glossary Entry "ACCELERATOR PEDAL".
ACCELERATOR PEDAL KICKDOWN SWITCH	APK SWITCH	A confirmation signal from the accelerator pedal that indicates that it is depressed in excess of 85%.
ACCELERATOR PEDAL POSITION	APP	See Glossary Entry "ACCELERATOR PEDAL".
AFTERCOOLER COOLANT	Aftercooler Coolant	Coolant that is at the charge air heat exchanger located after the turbocharger compressor housing.
AFTERTREATMENT	AFT	See Glossary Entry "AFTERTREATMENT".
AFTERTREATMENT CONTROL MODULE	AFTCM	Self contained electronic module responsible for controlling engine exhaust emissions after the exhaust gas exits the engine.
AFTERTREATMENT DIESEL EXHAUST FLUID	DEF	A substance used in a chemical reaction to detect, measure, examine, or produce other substances.
AFTERTREATMENT DIESEL EXHAUST FLUID AIR SOLENOID	DEF Air Solenoid	Air solenoid used to control the amount of reagent being introduced.
AFTERTREATMENT DIESEL EXHAUST FLUID DOSER	DEF Doser	The doser used to inject diesel exhaust fluid into the aftertreatment SCR system
AFTERTREATMENT DIESEL EXHAUST FLUID DOSING UNIT	DEF Dosing Unit	A device that mixes the catalyst diesel exhaust fluid and air, and delivers a metered quantity of this mixture to the exhaust stream.
AFTERTREATMENT DIESEL EXHAUST FLUID HEATER	DEF Htr	Heater used to prevent freezing of the selective catalytic reduction diesel exhaust fluid.
AFTERTREATMENT DIESEL EXHAUST FLUID LINE HEATER	DEF Line Htr	The diesel exhaust fluid line heater request for the aftertreatment system.
AFTERTREATMENT DIESEL EXHAUST FLUID PUMP	DEF Fluid Pump	A component used for supplying diesel exhaust fluid to the SCR doser.
AFTERTREATMENT DIESEL EXHAUST FLUID TANK	DEF Tank	The tank used to store the selective catalytic reduction diesel exhaust fluid aftertreatment diesel oxidation catalyst reagent.
AFTERTREATMENT DIESEL EXHAUST FLUID TANK 2	DEF Tank 2	Tank 2 is used as a quick thaw diesel exhaust fluid tank.
AFTERTREATMENT DIESEL OXIDATION CATALYST	DOC	Device used in a chemical reaction to detect, measure, examine, or produce other substances.
AFTERTREATMENT DIESEL PARTICULATE FILTER	DPF	Device used to capture soot as it is burned in the exhaust system
AFTERTREATMENT DIESEL PARTICULATE FILTER AIR	DPF Air	The air system associated with an aftertreatment diesel particulate filter spark assisted system

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
AFTERTREATMENT DIESEL PARTICULATE FILTER FUEL CONTROL VALVE	DPF Fuel Ctrl Vlv	A component used to meter or control fuel flow to the aftertreatment diesel particulate filter system.
AFTERTREATMENT DIESEL PARTICULATE FILTER FUEL SYSTEM	DPF Fuel Sys	A system, in addition to the engine fuel system, used to deliver diesel fuel to the aftertreatment diesel particulate filter system consisting of aftertreatment diesel particulate filter shutoff valve, aftertreatment diesel particulate filter fuel pump, fuel supply, and return lines.
AFTERTREATMENT DIESEL PARTICULATE FILTER IGNITION	DPF Ign	See Glossary Entry "IGNITION".
AFTERTREATMENT DIESEL PARTICULATE FILTER REGENERATION	DPF Regen	Event used to clean the aftertreatment diesel particulate filter.
AFTERTREATMENT DIESEL PARTICULATE FILTER SOOT	DPF Soot	The soot captured in an aftertreatment DPF.
AFTERTREATMENT DIESEL PARTICULATE FILTER SPARK ASSISTED SYSTEM	DPF Spark Assist Sys	Aftertreatment diesel particulate filter system that uses a flame to generate necessary heat during diesel particulate filter regeneration.
AFTERTREATMENT DIESEL PARTICULATE FILTER TEMPERATURE SENSOR MODULE	DPF Temp Snsr Module	Module will take temperature sensor inputs from the Aftertreatment Diesel Particulate Filter Temperature Sensors and multiplex the sensor values to the ECM via the J1939 network.
AFTERTREATMENT EXHAUST GAS	Exh Gas	A gas that is emitted as a result of the combustion of fuels such as diesel, natural gas, and gasoline.
AFTERTREATMENT FUEL	AFT Fuel	The liquid hydrocarbon fuel used in the aftertreatment system.
AFTERTREATMENT FUEL PRESSURE	AFT Fuel Press	The pressure of the liquid hydrocarbon fuel used in the aftertreatment system.
AFTERTREATMENT FUEL PUMP	AFT Fuel Pump	A component used for supplying the liquid hydrocarbon fuel used in the aftertreatment system.
AFTERTREATMENT FUEL SHUTOFF	AFT Fuel Shutoff	Component used to restrict or stop the flow of a liquid to the aftertreatment system.
AFTERTREATMENT GAS OXIDATION CATALYST	GOC	Device used in a chemical reaction to detect, measure, examine, or produce other substances in a natural gas engine.
AFTERTREATMENT HYDROCARBON DOSER	HC Doser	The doser used to inject liquid hydrocarbon fuel into the aftertreatment system
AFTERTREATMENT IGNITION	AFT IGN	See Glossary Entries "AFTERTREATMENT" and "IGNITION".
AFTERTREATMENT INTAKE	AFT In	The exhaust at the aftertreatment intake.
AFTERTREATMENT INTAKE GAS SENSOR	AFT In Gas Sensor	Sensor that measures the amount of exhaust gas, either NOx or O2, at the aftertreatment intake.
AFTERTREATMENT INTAKE NOX	AFT In NOx	The amount of combined NO and NO2 in the exhaust entering the aftertreatment system.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
AFTERTREATMENT INTAKE NOX SENSOR	AFT In NOx Sensor	Sensor that measures the amount of combined NO and NO <sub>2</sub> in the exhaust upstream of the aftertreatment SCR.
AFTERTREATMENT NMHC CONVERTING CATALYST	NHMC Converting Cat	A catalyst that converts NMHC into less harmful gases.
AFTERTREATMENT NOX ADSORBER	NOx Adsorber	A catalyst that accumulates NOx atoms/molecules on the adsorbent's (catalyst) surface.
AFTERTREATMENT NOX ADSORBER CATALYST	NAC	A catalyst that accumulates NOx atoms/molecules on the adsorbent's (catalyst) surface.
AFTERTREATMENT NOX ADSORBING CATALYST	NAC	A catalyst that accumulates NOx atoms/molecules on the adsorbent's (catalyst) surface.
AFTERTREATMENT OUTLET	AFT Out	The exhaust at the aftertreatment outlet.
AFTERTREATMENT OUTLET GAS SENSOR	AFT Out Gas Sensor	Sensor that measures the amount of exhaust gas, either NOx or O <sub>2</sub> , at the aftertreatment outlet.
AFTERTREATMENT OUTLET NH <sub>3</sub>	AFT Outlet NH <sub>3</sub>	NH <sub>3</sub> in the exhaust at the aftertreatment outlet.
AFTERTREATMENT OUTLET NH <sub>3</sub> GAS SENSOR	AFT Out NH <sub>3</sub> Sensor	Sensor that measures the amount of NH <sub>3</sub> in the aftertreatment outlet..
AFTERTREATMENT OUTLET NOX	AFT Outlet NOx	The amount of combined NO and NO <sub>2</sub> in the exhaust exiting the aftertreatment system.
AFTERTREATMENT OUTLET NOX SENSOR	AFT Out NOx Sensor	Sensor that measures the amount of combined NO and NO <sub>2</sub> in the exhaust downstream of the aftertreatment SCR.
AFTERTREATMENT OUTLET PERCENT O <sub>2</sub>	AFT Out O <sub>2</sub>	The actual oxidation factor (%O <sub>2</sub> ) of the gas within the exhaust stream exiting the aftertreatment system.
AFTERTREATMENT POST SCR NH <sub>3</sub>	AFT Post SCR NH <sub>3</sub>	The NH <sub>3</sub> reading downstream of the SCR.
AFTERTREATMENT PURGE AIR	AFT Purge Air	The supplied air that is used with the operation of a spark assisted DPF system
AFTERTREATMENT REGENERATION	Regen	The process of removing the accumulated soot from the diesel particulate filter. This can occur passively or actively (Forced).
AFTERTREATMENT SECONDARY AIR	AFT Secondary Air	Air that is introduced into the exhaust gas for aftertreatment control.
AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION	SCR	Catalyst that converts nitrogen oxides (NOx) in the exhaust gas into nitrogen and water.
AFTERTREATMENT SELECTIVE CATALYTIC REDUCTION TEMPERATURE SENSOR MODULE	SCR Temp Snsr Module	Module will take temperature sensor inputs from the Aftertreatment Selective Catalytic Reduction Temperature Sensors and multiplex the sensor values to the engine ECU via the J1939 network.
AFTERTREATMENT THREE WAY CATALYST	TWC	A three-way catalyst is responsible for reducing nitrogen oxides to nitrogen and oxygen, the oxidation of unburnt hydrocarbons to carbon dioxide and water and the oxidation of carbon monoxide to carbon dioxide.
AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST	WU DOC	Also referred to as a Light-Off Catalyst, it is a smaller volume DOC that gets up to temperature quickly to help reduce cold start emissions.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
AFTERTREATMENT WARM UP DIESEL OXIDATION CATALYST TEMPERATURE SENSOR MODULE	WU DOC Temp Snr Module	A control module used to measure temperatures related to the aftertreatment warm up diesel oxidation (or close coupled) catalyst.
AFTERTREATMENT WARM UP THREE WAY CATALYST	WU TWC	A catalyst system designed to lower HC, CO and NOx emissions during engine warm up. Usually located in or near the exhaust manifold.
AIR CLEANER	ACL	See Glossary Entry "CLEANER".
AIR CLEANER DIFFERENTIAL PRESSURE	ACL DIFFERENTIAL PRESSURE	A delta pressure between dirty and clean side of air cleaner.
AIR CONDITIONING SYSTEM	AC Sys	See Glossary Entry "AIR CONDITIONING".
AIR FUEL RATIO	AFR	The ratio of quantity of air to the quantity of fuel in order to have complete fuel combustion.
AIR FUEL RATIO CONTROL	AFRC	A system which monitors air and fuel mass flows and constantly changes the mixture based on power demand and operating conditions. An air/fuel ratio control system has many operating modes. One specific mode is smoke puff limiter (SPL).
ALTERNATOR	AC	An electromechanical device that produces alternating current and converts it to direct current in order to charge the battery(s) and power the vehicle's electrical/electronic system.
AMBER WARNING LAMP	AWL	This lamp is used to relay trouble code information that is reporting a problem with the vehicle system but the vehicle need not be immediately stopped.
AMBIENT AIR TEMPERATURE	AAT	Air temperature surrounding the vehicle.
APPLICABLE SYSTEM MONITOR DENOMINATOR	Applicable Sys Monitor Denominator	The number of times a vehicle has been operated that constitutes a driving cycle where this Applicable System Monitor could be operated per regulatory requirements.
APPLICABLE SYSTEM MONITOR NUMERATOR	Applicable Sys Monitor Numerator	The number of times a vehicle has been operated such that all conditions necessary for the Applicable System Monitor to detect a malfunction have been encountered.
AUTOMATIC TRANSAXLE	A/T	See Glossary Entry "TRANSAXLE".
AUTOMATIC TRANSMISSION	A/T	See Glossary Entry "TRANSMISSION".
AUTOMOTIVE LIMITING SPEED GOVERNOR	ALSG	An RPM governing device that operates only at idle and maximum speed. In the range between these speeds, engine torque is determined by accelerator pedal position. See Glossary Entry "GOVERNOR". Also referred to as Min/Max Governor.
AUXILIARY EMISSIONS CONTROL DEVICE	AECD	A system, function, device or element installed on an engine or a vehicle that causes the emission control system to operate in a manner different from the way the emission control system was designed.
AUXILIARY HEATER COOLANT PUMP	AUX Htr Coolant Pump	An auxiliary pump used for heater coolant flow.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
AUXILIARY PRESSURE	AUXP	A pressure measurement that is not defined by a standard. In order to know what temperature is being measured, the service literature would need to be referred to.
AUXILIARY TEMPERATURE	AUXT	A temperature measurement that is not identified by a standard. In order to know what temperature is being measured, the service literature would need to be referred to.
BAROMETRIC PRESSURE	BARO	See Glossary Entry "PRESSURE".
BATTERY POTENTIAL	Battery Potential	The amount of potential available energy the battery is capable of providing.
BRAKE PEDAL POSITION	BPP	See Glossary Entry "BRAKE".
BRAKE SWITCH	Brk Sw	See Glossary Entry "BRAKE".
CAB INTERIOR	Cab Interior	Refers to the driving and living areas inside the vehicle's cabin.
CALCULATED LOAD VALUE	LOAD	Percent of engine capacity being used.
CALIBRATION	CAL	The setting of adjustments to specified engine requirements.
CAMSHAFT POSITION	CMP	See Glossary Entry "CAMSHAFT".
CANISTER	CANISTER	See Glossary Entry "CANISTER".
CARBURETOR	CARB	See Glossary Entry "CARBURETOR".
CATALYST BANK	Catalyst Bank	Refers to a catalyst that is dedicated to a particular exhaust bank (side) of a V-type engine configuration.
CATALYST HEATER	CATALYST HEATER	A device to quickly heat a catalyst.
CERTIFICATION ENGINE FAMILY NAME	CERTIFICATION ENGINE FAMILY NAME	The regulated family name per the applicable region's certification agency.
CHARGING SYSTEM	Charging Sys	Includes the components (e.g. Alternator, cables, batteries) that make it possible to charge the battery and to power the electric system.
CLOSED LOOP	CL	See Glossary Entry "CLOSED LOOP".
CLOSED THROTTLE POSITION	CTP	A confirmation signal from the throttle valve assembly indicating that it is at the closed position. See Glossary Entry "THROTTLE".
CLUTCH PEDAL POSITION	CPP	See Glossary Entry "Clutch".
COAST CLUTCH SOLENOID	CCS	A device that controls the coast clutch valve.
COLD MODE	CMP	An operating mode that is associated with running an engine at a temperature that is below the normal engine operating temperature.
COLD START	Cold Start	The state when starting an engine when the engine mass is cold due to exposure to cold temperatures while not running.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
COMBUSTION	Combustion	The process of burning of the air/fuel charge, generally within an engine cylinder. The start of combustion is initiated by injection in diesel engines, or by a spark in spark-ignition engines.
COMPACT DISC READ ONLY MEMORY	CDROM	An electronic device named compact disc read only memory,
COMPREHENSIVE COMPONENT MONITOR	CCM	Monitors all electronic inputs and outputs to determine if they are in operational limits.
COMPRESSION RATIO	CR	The ratio of the volume in a cylinder at bottom dead center to the volume in the cylinder at top dead center.
CONTINUOUS FUEL INJECTION	CFI	A fuel injection system with the injector flow controlled by fuel pressure.
COOLANT DIVERTER VALVE	Coolant Diverter Valve	A valve other than the engine coolant thermostat that changes the flow of coolant in an engine.
COOLANT FILTER	Coolant Filter	A filter used to remove solid or semisolid matter from the engine coolant medium.
COOLANT PRESSURE	CP	The pressure of the coolant used to cool the engine.
COOLANT PUMP	Coolant Pump	A pump for circulating the coolant through a cooling system.
COOLANT THERMOSTAT	Coolant Thermostat	A device in the cooling system that regulates the flow of the heat transfer fluid (e.g. coolant) based upon temperature, generally for managing or controlling the temperature of the fluid.
CRANKCASE	CRANKCASE	Enclosure that contains the crankshaft.
CRANKCASE BREATHER	CCB	A path through which the crankcase can vent to the air surrounding the engine.
CRANKCASE BREATHER OIL SEPARATOR	CCB Oil Separator	Device which separates the engine oil vapor from crankcase breather gases.
CRANKCASE PRESSURE	CCP	The pressure of the air trapped in the cavity where the crankshaft and connecting rods are located.
CRANKSHAFT POSITION	CKP	See Glossary Entry "CRANKSHAFT".
CRUISE CONTROL	CC	A functional operation that controls and maintains a constant vehicle road speed.
CYLINDER	Cylinder	See Glossary Entry "CYLINDER".
DATA LINK CONNECTOR	DLC	Connector(s) used to link ECM to network - (For reference to diagnostic connectors - see Diagnostic Connector, Cab or Diagnostic Connector, Underhood).
DETERIORATION FACTOR	DF	Estimate of the delta between value of a regulated emissions component measured from a low mile engine or vehicle and emission level expected at full useful life. The emissions value plus (or multiplied by) DF must be less than corresponding standard.
DETONATION SENSITIVE TIMING	DST	Ignition timing which is advanced or retarded electronically due to engine detonation.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
DIAGNOSTIC CONNECTOR, CAB	DCC	An in cab connector used by Scan Tool or similar device.
DIAGNOSTIC CONNECTOR, UNDERHOOD	DCU	An underhood connector used by a Scan Tool or similar device.
DIAGNOSTIC TEST MODE	DTM	A level of diagnostic capability in an On-Board Diagnostic (OBD) system. May include different function states to observe signals, read diagnostic trouble codes, monitor signal levels, control on/off board aid and interface with remotes.
DIAGNOSTIC TROUBLE CODE	DTC	An alpha/numeric identifier for a fault condition identified by the On-Board Diagnostic System.
DIESEL PARTICULATE FILTER ACTIVE REGENERATION	DPF Active Regen	The active (forced) process of removing the accumulated soot from the diesel particulate filter.
DIRECT FUEL INJECTION	DFI	Fuel injection system that supplies fuel directly into the combustion chamber.
DIRECT OZONE REDUCTION MONITOR	DOR Monitor	A monitor Direct Ozone Reduction (DOR)
DISTANCE	DIST	See Glossary Entry "Distance".
DISTRIBUTOR IGNITION	DI	A system in which the ignition coil secondary circuit is switched by a distributor in proper sequence to various spark plugs.
DRIVER	DRIVER	See Glossary Entry "DRIVER".
EARLY FUEL EVAPORIZATION	EFE	Enhancing air/fuel vaporization during engine warm up.
ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	EEPROM	An electronic device named electrically erasable programmable read only memory.
ELECTRONIC CALIBRATION CODE	ECC	An alpha/numeric code which is used to identify the calibration which has been programmed into an ECM's EEPROM.
ELECTRONIC CONTROL UNIT	ECU	A self-contained electronic device that is designed to perform/control specific functions within an embedded system,
ELECTRONIC FUEL CONTROL	EFC	A fuel control system which modulates the fuel delivery to the engine based on driver demand plus other parameters, such as engine operating temperature, vehicle speed and transmission gear.
ELECTRONIC IGNITION	EI	A system in which the ignition coil secondary circuit is dedicated to specific spark plugs without the use of a distributor.
ENGINE ACTUAL EXHAUST OXYGEN	ENG ACT EXH OXYGEN	The actual amount of oxygen in the exhaust represented as a percentage by volume with respect to the total volume of exhaust gases leaving the engine.
ENGINE AFTERCOOLER COOLANT	ENG AFTERCOOLER COOLANT	Engine coolant that is at the charge air heat exchanger located after the turbocharger compressor housing.
ENGINE AIR FILTER	ENG AIR FILTER	See Glossary Entries "ENGINE" and "FILTER".



TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
ENGINE AIR TO FUEL	ENG AIR TO FUEL	The fuel and air mixture ratio.
ENGINE AUTOMATIC START	AUTO START	A system operating mode where the engine may start, under certain trigger conditions, without direct human interaction with a start signal, such as a key or start button.
ENGINE CERTIFICATION PLATE	ECP	Engine mounted identification plate containing mandated certification information.
ENGINE CHARGE AIR COOLER	CAC	A device which lowers the temperature of the pressurized intake air.
ENGINE COMPRESSION BRAKE	ENG COMPRESSION BRK	A mechanism that opens exhaust valves in the cylinder and releasing the compressed air in the cylinder, thus preventing it from returning its energy back to the crankshaft.
ENGINE CONTROL	EC	System which not only provides engine governing functions, but is capable of modulating fuel delivery and timing to control emissions plus other optional functions such as vehicle speed, fan control and engine monitoring.
ENGINE CONTROL MODULE	ECM	A self-contained electronic control unit used for "Engine Control".
ENGINE COOLANT INTAKE TEMPERATURE	ECIT	The actual value of engine coolant temperature at the coolant pump intake.
ENGINE COOLANT LEVEL	ECL	The level of coolant in the radiator or coolant recovery tank. This is usually monitored by the engine control system as part of the engine monitoring system.
ENGINE COOLANT PRESSURE	ECP	Pressure of the engine's coolant in a closed cooling system.
ENGINE COOLANT PUMP OUTLET	Eng Cool Pump Outlet	Engine coolant that is at the outlet of the coolant pump.
ENGINE COOLANT TEMPERATURE	ECT	Temperature of the engine's coolant; normally a location of the temperature is specified, such as "engine out" or "radiator out".
ENGINE COOLANT THERMOSTAT	EC Thermostat	A self-contained modulating valve in the engine coolant circuit for the purpose of controlling the flow of coolant. The amount of thermostat opening is dependent on coolant temperature.
ENGINE COOLING FAN	ENG FAN	The component within the cooling system that provides air across the heat exchange (radiator).
ENGINE COOLING SYSTEM	ENG COOL SYS	The system responsible for cooling the engine.
ENGINE CRANKCASE BREATHER OIL SEPARATOR SPEED	ECBOSS	The speed of a rotating (centrifugal) crankcase oil separator.
ENGINE DERATE	ENG DERATE	The process of lowering the rated capability of the engine output, such as for high altitudes or inadequate operating conditions.
ENGINE DROOP	ENG DROOP	A speed or governor control principle that allows temporary changes in reference speed during load changes for stable operation.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
ENGINE EXHAUST BRAKE	ENG EXH BRK	A mechanism that restricts or closes off the exhaust gas flow to create back-pressure making the engine work against the back pressure in the exhaust system.
ENGINE FAN	ENG FAN	See Glossary Entry for "FAN".
ENGINE FUEL INJECTION	ENG FUEL INJ	System that provides pressurized fuel to cylinder for combustion.
ENGINE FUEL RAIL PRESSURE	ENG FUEL RAIL PRESS	The fuel pressure at a specified point in the fuel rail.
ENGINE FUEL TEMPERATURE	EFT	The temperature of the fuel before it enters the fuel pump, engine head assembly or gas metering valve.
ENGINE GAS METERING VALVE	ENG GAS METERING VALVE	Valve that controls the flow of gas into the cylinders by regulating pressure.
ENGINE HEATER	ENG HEATER	A device that heats the engine, such as by heating the engine block or heating the engine coolant.
ENGINE INTAKE AIR	ENG INTAKE AIR	Clean air used for combustion or scavenging.
ENGINE MISFIRE	MISFIRE	Lack of combustion in the cylinder due to any cause except for fuel shutoff to cylinders for engine control purposes.
ENGINE MODIFICATION	EM	A method of lowering engine emissions through changes in basic engine construction or in fuel and spark calibration.
ENGINE OIL LEVEL	EOL	Static level of oil in an engine sump.
ENGINE OIL PRESSURE	EOP	Positive pressure in the engine's lubrication system.
ENGINE OIL TEMPERATURE	EOT	Temperature of engine lubricating oil; normally a location of the temperature is specified, such as "sump".
ENGINE OIL THERMAL MANAGEMENT SYSTEM	EOTM System	A system used to maintain engine oil temperature in the sump.
ENGINE OIL THERMOSTAT	ENG OIL THERMOSTAT	See Glossary Entries "ENGINE", "OIL", and "THERMOSTAT".
ENGINE OIL TO COOLANT DIFFERENTIAL TEMPERATURE	ENG OIL TO COOLANT DIFF TEMP	Temperature difference between the engine oil and engine coolant.
ENGINE OVERCOOLED	ENG OVERCOOLED	Indicates that the engine has been overcooled enough to warrant triggering a diagnostic event.
ENGINE OVERSPEED	EO	Engine RPM in excess of normal operating range.
ENGINE PISTON COOLING OIL PRESSURE SENSOR	EPCOP Sensor	Sensor used to measure the pressure of oil that cools engine pistons.
ENGINE PISTON COOLING OIL SUPPLY VALVE POSITION	ENG PISTON COOLING OIL SUPPLY VALVE POS	The position of the piston cooling valve opening.
ENGINE POSITION	ENG POS	Rotational position of the engine
ENGINE PROTECTION TORQUE DERATE	ENG PROTECTION TRQ DERATE	Torque has been derated for protection of the engine
ENGINE RATING	ENG RATING	An engine performance map which defines the fueling across the operational range that adjusts the available power across the operational range.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
ENGINE REFERENCE TORQUE	ENG REF TRQ	This parameter is the 100% reference value for all defined engine torque parameters. It is only defined once and doesn't change if a different engine torque map becomes valid.
ENGINE SHUTDOWN	ENG SHUTDOWN	The process of stopping an engine, generally by stopping fueling.
ENGINE SPEED	RPM	See Glossary Entries "ENGINE" and "SPEED".
ENGINE TIMING	ENG TIMING	See Glossary Entries "ENGINE" and "TIMING".
ENGINE TIMING ACTUATOR	ETA	A device that can be used to adjust timing of an engine.
ENGINE TORQUE	ENG TRQ	The measure of rotational force produced by the engine.
ENGINE TURBOCHARGER COMPRESSOR BYPASS VALVE	ETCBPV	The recycling of air already compressed by the turbocharger back into the Intake side of the turbocharger.
ENGINE WAIT TO START LAMP	WSL	Lamp to indicate the need to delay cranking the engine until the lamp goes off. This lamp is part of the cold start aid system.
ERASABLE PROGRAMMABLE READ ONLY MEMORY	EPROM	An electronic device named erasable programmable read only memory.
ETHER HOLD CONTROL	ETHER HOLD CONTROL	This control circuit is used to hold the ether valve in the open position, causing ether injection to continue.
ETHER START CONTROL	ETHER START CONTROL	This control circuit is used to initially open the ether valve and begin ether flow.
EVAPORATIVE EMISSION	EVAP	A system used to prevent fuel vapor from escaping into the atmosphere. Typically includes a charcoal canister to store fuel vapors.
EXHAUST BACK PRESSURE	EBP	Exhaust gas pressure in the exhaust system - typically checked ahead of the muffler.
EXHAUST BACK PRESSURE REGULATOR	EBPR	A device which can be used to regulate exhaust back pressure.
EXHAUST BRAKE	EXH BRK	A method of slowing an engine by closing the exhaust path from the engine cylinders or the system exhaust path which causes the combustion exhaust gases to be compressed in the cylinder or exhaust manifold.
EXHAUST EMISSION CONTROLLER	EXH EMISSION CONTROLLER	The device that control the exhaust emission system.
EXHAUST GAS	EXH GAS	See Glossary Entry "EXHAUST GAS".
EXHAUST GAS PORT	EXH GAS PORT	The passage in the cylinder head for passing the exhaust gases from the cylinder to the exhaust manifold.
EXHAUST GAS RECIRCULATION	EGR	Reducing NOx emissions levels by adding exhaust gas to the incoming air/fuel mixture.
EXHAUST GAS RECIRCULATION COOLER	EGR COOLER	A device which lowers the temperature of the EGR gases.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
EXHAUST GAS RECIRCULATION MIXER	EGR MIXER	A device that mixes the EGR gas into the intake air
EXHAUST GAS RECIRCULATION TEMPERATURE	EGRT	Exhaust gas temperature in EGR system that is used to reduce NOx emissions levels by adding exhaust gas to the incoming air/fuel mixture.
EXHAUST GAS RECIRCULATION THERMAL VACUUM VALVE	EGR TVV	A valve in the EGR system that controls vacuum levels or routing based on temperature.
EXHAUST GAS RECIRCULATION VALVE	EGR VALVE	See Recommended Term "EXHAUST GAS RECIRCULATION" and Glossary Entry "VALVE".
EXHAUST GAS TEMPERATURE	EGT	Temperature of exhaust gas; typically at a specified location, such as before or after the turbocharger.
EXHAUST MANIFOLD BANK FLOW BALANCE VALVE	EXHAUST MANIFOLD BANK FLOW BALANCE VALVE	A valve for balancing the pressure between exhaust manifolds.
EXHAUST OXYGEN	EXH O2	The oxygen content present in the exhaust gas.
EXHAUST VALVE	EXH VALVE	A valve associated with a combustion chamber through which the combustion gases pass into the exhaust manifold.
EXTERNAL IDENTIFICATION PLATE	ECM EIDP	Data plate on the ECM that may contain information such as ESN, electronic calibration code, ECM part number, etc..
FAN CLUTCH	FAN CLUTCH	See Glossary Entries "FAN" and "CLUTCH".
FAN CONTROL	FC	See Glossary Entries "FAN" and "CONTROL".
FAN CONTROL CIRCUIT	FCC	See Glossary Entries "FAN" and "CONTROL".
FAN SPEED	FAN SPEED	See Glossary Entries "FAN" and "SPEED".
FIRE APPARATUS PUMP	FIRE APPARATUS PUMP	The pump used to provide water in fire fighting apparatus for distribution of water through water cannons or fire hoses.
FLASH ELECTRICALLY ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEEPROM	An electronic device named flash electrically erasable programmable read only memory.
FLASH ERASABLE PROGRAMMABLE READ ONLY MEMORY	FEPRM	An electronic device named flash electrically erasable programmable read only memory.
FLEXIBLE FUEL	FF Sensor	A system capable of using a variety of fuels for vehicle operation.
FREEZE FRAME	FRZF	A block of memory containing the vehicle operating conditions for a specific time.
FRONT PTO	FRONT PTO	PTO at the front of the vehicle.
FUEL	FUEL	See Glossary Entry "FUEL".
FUEL ACTUATOR	FUEL ACTUATOR	See Glossary Entries "FUEL" and "ACTUATOR".
FUEL COMMAND	FUEL CMD	The indication of the requested amount of fuel
FUEL CONTROL	FUEL CTRL	See Glossary Entries "FUEL" and "CONTROL".
FUEL DELIVERY	FUEL DELIVERY	The act of delivering fuel to the cylinders.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
FUEL ECONOMY	FUEL ECONOMY	A measure of the efficiency of a fuel driven system.
FUEL FILTER	FUEL FILTER	See Glossary Entries "FUEL" and "FILTER".
FUEL FLOW	FUEL FLOW	The rate at which the fuel is flowing through a fuel valve.
FUEL HEATER RELAY	FUEL HEATER RELAY	The fuel filter fuel heater relay energizes the heating element in the fuel filter, which typically is self regulating when energized.
FUEL INJECTION	FI	System that provides pressurized fuel to cylinder for combustion.
FUEL LEVEL	FUEL LEVEL	See Glossary Entries "FUEL" and "LEVEL".
FUEL LIFT PUMP	FL PUMP	Typically a function served by a pump. The mechanical or electrically operated pump will assist in providing low pressure fuel to the primary fuel pump. Often used in priming the system.
FUEL MASS FLOW RATE	FUEL MASS FLOW RATE	Liquid fuel flow typically measured in units of grams per second. See Glossary entry "MASS FLOW RATE".
FUEL PRESSURE	FUEL PRESSURE	The fuel pressure at a specified point in the system, such as in the fuel rail.
FUEL PRESSURE ABSOLUTE	FUEL PRESSURE	See Glossary Entry "PRESSURE".
FUEL PUMP	FP	See Glossary Entries "FUEL" and "PUMP".
FUEL RACK ACTUATOR	FRA	A device that moves the engine fuel rack.
FUEL RACK POSITION SENSOR	FRP Sensor	Electronic sensor that determines rack position.
FUEL RATE	FUEL RATE	A measure of the flow of fuel over a period of time.
FUEL SHUTOFF	FUEL SHUTOFF	A device that shuts off combustion fuel to the engine - generally used to shut down engine.
FUEL SUPPLY PUMP	FUEL SUPPLY PUMP	The pump that supplies fuel to a system.
FUEL SYSTEM	FUEL SYS	See Glossary Entries "FUEL" and "SYSTEM".
FUEL TANK TRANSFER PUMP	FUEL TANK TRANSFER PUMP	The fuel tank transfer pump transfers fuel from the secondary fuel tank to the primary fuel tank
FUEL TRIM	FT	A fuel correction term.
FUEL VALVE	FUEL VALVE	See Glossary Entries "FUEL" and "VALVE".
FUELING	FUELING	Act of applying fuel to an engine.
GAIN	GAIN	See Glossary Entries "GAIN", "ENDSPEED", and "GOVERNOR".
GAS MASS FLOW RATE	GAS MASS FLOW RATE	Gas flow typically measured in units of kilograms per hour. See Glossary entry "MASS FLOW RATE".
GLOBAL TECHNICAL REGULATION DESCRIPTION	Global Tech Reg Desc	Global Technical Regulation Description provides a textual description of the Global Technical Regulations to which the sub-system or component complies. Individual components may comply with different regulations. See J1939-03 regarding reporting descriptions for multiple components.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
GLOW PLUG	GLOW PLUG	See Glossary Entry "GLOW PLUG".
GLOW PLUG CONTROL	GPC	Device that provides control signal to a glow plug relay.
GLOW PLUG RELAY	GPR	Device that provides power to the glow plug.
GOVERNOR	GOVERNOR	See Glossary Entry "GOVERNOR".
GROUND	GND	See Glossary Entry "GROUND".
HEATED OXYGEN SENSOR	HO2S	An oxygen sensor (O2S) that is electrically heated.
HIGH EXHAUST SYSTEM TEMPERATURE LAMP	HEST Lamp	Lamp used to indicate that a condition has caused the aftertreatment exhaust system temperature to increase above normal operating temperatures.
HIGH IDLE	HI	Maximum speed of an engine at minimum torque.
HIGH IDLE GOVERNOR	HIG	A speed limiting governor that operates when the engine RPM exceeds the governor break RPM. Between the governor break RPM and the high idle RPM, the available torque goes from maximum to minimum. See Glossary Entry "GOVERNOR".
HYBRID BATTERY PACK REMAINING CHARGE	HYBRID BATTERY PACK REMAINING CHARGE	Indicates the hybrid battery pack remaining charge.
HYDRAULIC FAN MOTOR PRESSURE	HYDRAULIC FAN MOTOR PRESSURE	The hydraulic pressure used to drive the fan system, sensed before the hydraulic fan motor.
HYDRAULIC PRESSURE GOVERNOR	HYDRAULIC PRESSURE GOVERNOR	See Glossary Entries "HYDRAULIC", "PRESSURE", and "GOVERNOR".
IDLE	IDLE	See Glossary Entry "IDLE".
IDLE AIR CONTROL	IAC	Electrical or mechanical control of throttle bypass air.
IDLE DECREMENT SWITCH	IDLE DEC SW	Electronic means to lower engine idle speed.
IDLE INCREMENT SWITCH	IDLE INC SW	Electronic means to raise engine idle speed.
IDLE MANAGEMENT SYSTEM	IMS	System used to describe method of compliance with ARB 1956.8(a)(6). Examples of this include Clean Idle, Auxiliary Power System (APS), Shutdown, or Exempt.
IDLE SHUTDOWN	IDLE SHUTDOWN	Engine has shutdown due to excessive idle time.
IDLE SPEED CONTROL	ISC	A speed limiting governor that operates when the engine is at its minimum speed. See Glossary Entry "GOVERNOR".
IDLE VALIDATION	IV	A confirmation signal from the accelerator pedal that indicates that the pedal is not depressed.
IGNITION COIL	IGN COIL	See Glossary Entries "IGNITION" and "COIL".
IGNITION CONTROL	IC	See Glossary Entries "IGNITION" and "CONTROL".
IGNITION CONTROL MODULE	ICM	See Glossary Entries "IGNITION", "CONTROL" and "MODULE".
IGNITION CYCLE COUNTER	IGN CYC COUNTER	Count of the number of ignition cycles.
IGNITION TIMING	IGNITION TIMING	See Glossary Entries "IGNITION" and "TIMING".

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
IGNITION TRANSFORMER SECONDARY OUTPUT	IGN TRANSFORMER SECONDARY OUTPUT	High voltage side of an ignition transformer or coil (lower current). See Glossary Entry "Ignition Coil Secondary Output".
INCOMPLETE MONITOR COUNT	INCOMPLETE MONITOR COUNT	System Incomplete Monitor Count provides the number of incomplete diagnostic monitors for a given sub-system or component.
INDIRECT FUEL INJECTION	IFI	An injection system that supplies fuel into a combustion prechamber. (Diesel)
INJECTION ACTUATION PRESSURE	IAP	Fuel pressure at which injection begins.
INJECTION CONTROL	INJ CTRL	See Glossary Entries "INJECTION" and "CONTROL".
INJECTION CONTROL PRESSURE	ICP	Injection control pressure for hydraulically actuated injectors.
INJECTION FUEL PRESSURE	IFP	Fuel pressure prior to injection.
INJECTOR	INJ	See Glossary Entry "INJECTOR".
INJECTOR #	INJ #	For identification purposes.
INJECTOR CYLINDER	INJ CYL	The cylinder in an injector.
INJECTOR DRIVE MODULE	IDM	A device that provides injector electrical signal.
INJECTOR METERING RAIL PRESSURE	IMRP Sensor	Refer to "RAIL FUEL PRESSURE".
INJECTOR NEEDLE LIFT	INJ Needle Lift Sensor	Distance that the injector's needle valve moves.
INJECTOR PLUNGER/BARREL	INJ Plunger/Barrel	Components of the injector.
INJECTOR SOLENOID	INJ Solenoid	Electro-magnetic device that opens/closes fuel valve.
INJECTOR SOLENOID #	INJ Solenoid #	For identification purposes.
INJECTOR TIMING RAIL PRESSURE	ITRP Sensor	Refer to "RAIL FUEL PRESSURE".
INSPECTION and MAINTENANCE	I/M	An emission control program.
INTAKE AIR	IA	Mass flow rate of fresh air entering the engine air intake, before any EGR mixer, if used. Flow rate of fresh air conducted to the engine cylinders to support combustion.
INTAKE AIR HEATER	IAH	Device that heats intake air.
INTAKE AIR TEMPERATURE	IAT	Air temperature between the air cleaner and the turbocharger or intake manifold. See Glossary Entry "INTAKE AIR".
INTAKE MANIFOLD AIR TEMPERATURE	IMAT	Air temperature inside the intake manifold.
INTAKE MANIFOLD CHARGE COMBUSTION	IMCC	Combustion of charge air and other gases in the intake manifold. Commonly called spit-back or intake manifold backfire.
INTAKE MANIFOLD PRESSURE	IMP	Charge air pressure inside the intake manifold.
INTAKE VALVE	INTAKE VALVE	See Glossary Entries "INTAKE" and "VALVE".



TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
INTERNAL IDENTIFICATION DATA	IIDD	Data that goes into the Internal Identification Plate. Electronic version of the EIDP.
INTERNAL IDENTIFICATION PLATE	ECM IIDP	Electronic version of the EIDP - may also contain additional identification codes.
J1939 NETWORK #1	J1939 NETWORK #1	Primary vehicle network.
KEYSWITCH BATTERY POTENTIAL	KEYSWITCH BATT POTENTIAL	Battery potential measured at the input of the electronic control unit supplied through a keyswitch or similar switching device.
KNOCK	KNOCK	See Glossary Entry "KNOCK"
KNOCK SENSOR	KS	See Glossary Entries "KNOCK" and "SENSOR".
MAKE	MAKE	Make of the component corresponding to the codes defined in the American Trucking Association Vehicle Maintenance Reporting Standard (ATA/VMRS).
MALFUNCTION INDICATOR	MI	A required on-board indicator to alert the driver of an emission related malfunction. This may be a lamp, screen on a multi-functional display, or some other mechanism used to notify the driver.
MALFUNCTION INDICATOR LAMP	MIL	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 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".
MASS AIR FLOW	MAF	A system which provides information on the mass flow rate of the intake air to the engine.
MASS GAS FLOW	MGF	A system which provides information on the mass flow rate of the intake gas to the engine.
MIXER	MIXER	Device which mixes exhaust gas with fresh air.
MIXER INTAKE PRESSURE	MIP	Pressure measured at the inlet side of the mixer.
MIXTURE CONTROL	MC	A device which regulates bleed air, fuel, or both on carbureted engines.
MODEL	MODEL	Model of the component.
MODEL YEAR	MODEL YR	The compliance model year of the OBD system of the engine and or vehicle.
MULTIPOINT FUEL INJECTION	MFI	A fuel-delivery system in which each cylinder is individually fueled.
NET BATTERY CURRENT	NET BATTERY CURRENT	Net flow of electrical current into/out of the battery or batteries.
NET BRAKE TORQUE	NET BRAKE TRQ	See Glossary Entry "TORQUE".
NON VOLATILE RANDOM ACCESS MEMORY	NVRAM	An electronic device named nonvolatile random access memory.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
NON-ROADWORTHY COMPONENT COUNT	NON-ROADWORTHY COMPONENT COUNT	System Non-Roadworthy Component Count provides the number of components (or sub-sub-systems) that a (sub-) system has determined are not roadworthy.
NOX CONVERTING CATALYST	NOX CONVERTING CATALYST	A catalyst that accumulates NOx atoms/molecules on the adsorbent's (catalyst) surface.
NOX LIMITS EXCEEDED	NOX LIMITS EXCEEDED	Indicates that On-Board Diagnostics has determined that the limits for NOx in the exhaust stream have been exceeded, but the root cause cannot be determined by the OBD system.
OIL FILTER	OIL FILTER	The speed of a rotating (centrifugal) engine oil filter.
ON BOARD DIAGNOSTIC	OBD	A system that monitors some or all computer input and control signals. Signal(s) outside of the predetermined limits imply a fault in the system or a related system.
OPEN LOOP	OL	See Glossary Entry "OPEN LOOP".
OUTPUT SHAFT SPEED	OSS Sensor	See Glossary Entries "OUTPUT SHAFT" and "SPEED".
OXIDATION CATALYST	OC	A catalyst system that reduces levels of HC and CO.
OXYGEN SENSOR	O2S	A sensor which detects oxygen (O2) content in the exhaust gases.
PARAMETER IDENTIFICATION	PID	Identifies an address in memory which contains vehicle operating information.
PARK/NEUTRAL POSITION	PNP	See Glossary Entry "PARK/NEUTRAL".
PARKING BRAKE	PARKING BRK	Brake used to keep vehicle from moving while transmission is in park.
PERCENT LOAD	PERCENT LOAD	The ratio of actual engine percent torque (indicated) to maximum indicated torque available at the current engine speed, clipped to zero torque during engine braking.
PERSONALITY MODULE	PM	An electronic device which provides information used to characterize the engine or transmission for the particular vehicle application, i.e., for the engine this might be what provides the information that is used to meet emissions requirements.
POSITIVE CRANKCASE VENTILATION	PCV	Positive ventilation of crankcase emissions.
POSITIVE DISPLACEMENT BLOWER	PDB	A blower which is used on 2 stroke engines to supply an increased air flow into the intake air stream.
POWER RELAY	POWER RELAY	Used to control power to other devices on the vehicle
POWERTRAIN CONTROL MODULE	PCM	See Glossary Entries "POWERTRAIN", "CONTROL", and "MODULE".
PRESSURE CONTROL	PC	See Glossary Entries "PRESSURE" and "CONTROL".
PROGRAM MEMORY	PROGRAM MEMORY	An electronic device named program memory.
PROGRAMMABLE READ ONLY MEMORY	PROM	An electronic device named programmable read only memory.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
PROPRIETARY DATA LINK	PROP DL	Data link which contains manufacturer specific information.
PROTECT LAMP	PL	The protect lamp is used to report a problem that is most probably not electronic subsystem related. This could indicate reduced performance or potentially a mission-critical or mission-disabling situation, i.e., Coolant temp out of prescribed range.
PTO	PTO	A functional operation that controls and maintains a constant engine speed.
PTO OIL TEMPERATURE	PTOT	The temperature of the oil in the power take-off.
PULSE WIDTH	PW	Refers to duration at which a signal stays at a predetermined level.
PULSE WIDTH MODULATION	PWM	A rectangular wave with a variable on-off time.
PULSED SECONDARY AIR INJECTION	PAIR	A pulse-driven system for providing secondary air without an air pump by using the engine exhaust system pressure fluctuations or pulses.
RAIL FUEL PRESSURE	RFP	The operating pressure of the fuel in the common rail fuel system.
RANDOM ACCESS MEMORY	RAM	An electronic device named random access memory.
RATED SPEED	RATED SPEED	RPM beyond which the high idle governor starts to reduce available torque. This point can be up to 50 RPM prior to governor break.
READ ONLY MEMORY	ROM	An electronic device named read only memory.
REAR PTO	REAR PTO	This parameter is used to report the tractor ECU's status associated with rear PTO economy mode requests that are transient/temporary/one-shot.
RED STOP LAMP	RSL	This lamp is used to relay trouble code information that is of a severe enough condition that it warrants stopping the engine.
RELATIVE HUMIDITY	RELATIVE HUMIDITY	Measures humidity of combustion air prior to entry into turbocharger
REMOTE ACCELERATOR ENABLE SWITCH	RMT AP ENABLE SW	Switch signal which indicates that the remote accelerator has been enabled and controls the engine.
REMOTE ACCELERATOR PEDAL POSITION	RMT AP POS	The ratio of actual position of the remote analog engine speed/torque request input device (such as an accelerator pedal or throttle lever) to the maximum position of the input device.
REVOLUTIONS PER MINUTE	RPM	Measure of engine speed.
SAE J1587 DATA LINK	SAE J1587 DL	SAE J1587 specific physical media of the vehicle for serial data communication.
SAE J1587 DATA LINK NEGATIVE	SAE J1587 DL-	SAE J1587 negative specific physical media of the vehicle for serial data communication. Note: This notation is not intended to indicate that there is a physical layer for J1587. J1587 operates on the J1708 physical layer.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
SAE J1587 DATA LINK POSITIVE	SAE J1587 DL+	SAE J1587 positive specific physical media of the vehicle for serial data communication. Note: This notation is not intended to indicate that there is a physical layer for J1587. J1587 operates on the J1708 physical layer.
SAE J1922 DATA LINK	SAE J1922 DL	SAE J1922 specific physical media of the vehicle for serial data communication.
SAE J1939 DATA LINK	SAE J1939 DL	SAE J1939 specific physical media of the vehicle for serial data communication.
SAE J1939 DATA LINK NEGATIVE	SAE J1939 DL-	SAE J1939 negative specific physical media of the vehicle for serial data communication. IE: CAN_L (underline L)
SAE J1939 DATA LINK POSITIVE	SAE J1939 DL+	SAE J1939 positive specific physical media of the vehicle for serial data communication. IE: CAN_H (underline H)
SAE J1939 DATA LINK SHIELD	SAE J1939 SHLD	SAE J1939 Shield specific physical media of the vehicle for serial data communication. IE: CAN_SHLD (underline SHLD)
SCAN TOOL	ST	See Glossary Entry "SCAN TOOL".
SECONDARY AIR INJECTION	AIR	A pump-driven system for providing secondary air.
SENSOR SUPPLY VOLTAGE	SENSOR SUPPLY VOLTAGE	Sensor ECU supply voltage
SEQUENTIAL MULTIPOINT FUEL INJECTION	SFI	A multiport fuel delivery system in which each injector is individually energized and timed relative to its cylinder intake event. Normally fuel is delivered to each cylinder once / 2 crank revolutions on 4 cycle and once / crank rev on 2 cycle engines.
SERIAL NUMBER	Serial Number	Serial number of the component.
SERVICE REMINDER INDICATOR	SRI	An indicator used to identify a service requirement.
SHIFT SOLENOID	SS	See Glossary Entry "SHIFT SOLENOID".
SMOKE PUFF LIMITER	SPL	A system to reduce diesel exhaust smoke during vehicle acceleration or gear changes. SPL is a specific operating mode of air/fuel ratio control (AFRC).
SOFTWARE IDENTIFICATION	SOFT ID	Software identification of an electronic module. As an example, this parameter may be represented with ASCII characters MMDDYYaa, where MM is the month, DD is the day, YY is the year, and aa is the revision number.
SOOT	Soot	See Glossary Entry "SOOT".
SPARK ADVANCE	SPARK ADV	The relationship between ignition timing and top dead center.
SPARK PLUG	SPARK PLUG	A device for producing an electrical spark inside the cylinder of an internal combustion engine to ignite the fuel mixture.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
SPECIAL IGNITOR LOOP - RESISTANCE	Special Ignitor Loop - Resistance	Resistance of Special Ignitor Loop. Since there are many different vehicle types (e.g. truck, bus, firetruck or ambulance), the ignitor loop configuration has a wide variation.
SPECIFIC HUMIDITY	SPECIFIC HUMIDITY	Specific humidity of the ambient intake air.
SPN DATA LENGTH	SPN Data Length	The number of data bytes associated with the SPN in the Freeze Frame.
SPN OF APPLICABLE SYSTEM MONITOR	SPN of Applicable System Monitor	Identifies the SPN of the system monitor for which Monitor ratio is being reported.
SPN SUPPORT TYPE	SPN Support Type	This parameter defines whether the applicable parameter (that is the SPN) is supported in the freeze frame, the data stream or both the freeze frame and data stream.
SPN SUPPORTED	SPN Supported	This parameter defines the SPN(s) that is/are supported for the freeze frame and/or data stream information.
START ENABLE DEVICE	START ENABLE DEVICE	Devices that assist an Engine in starting, e.g. intake heaters and ether. Primary starting aid.
STARTER MOTOR RELAY	STARTER MOTOR RELAY	Activates the starter
SUPERCHARGER	SC	See Glossary Entry "SUPERCHARGER".
SUPERCHARGER BYPASS	SCB Solenoid	See Glossary Entry "SUPERCHARGER".
SUPPLY FUEL PRESSURE	SFP	Fuel supply pressure prior to fuel pump or gas metering valve.
SUPPLY FUEL TEMPERATURE	SFT	Temperature of the fuel before it enters the fuel pump or gas metering valve.
SYSTEM READINESS TEST	SRT	System readiness test as applicable to OBDII scan tool communication.
TACHOMETER	TACH	Device used to display engine speed.
TEST MODE SWITCH	TEST MODE SW	Switch signal which indicates the position of the engine test mode switch.
THERMAL VACUUM SWITCH	TVC	A switch that controls vacuum levels or routing based on temperature.
THERMAL VACUUM VALVE	TVV	A valve that controls vacuum levels or routing based on temperature.
THREE WAY + OXIDATION CATALYST	TWC+OC	A catalyst system that has both Three Way Catalyst (TWC) and Oxidation Catalyst (OC). Usually secondary air is introduced between the two catalysts.
THREE WAY CATALYST	TWC	A catalyst system that reduces levels of HC, CO and NOx.
THROTTLE ACTUATOR	Eng Throttle Actuator	Device used to control the flow of air or air/fuel mix to the engine.
THROTTLE ACTUATOR CONTROL	TAC Module	See Glossary Entries "THROTTLE", "ACTUATOR" and "CONTROL".
THROTTLE BODY	TB	See Glossary Entries "THROTTLE" and "BODY".

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
THROTTLE BODY FUEL INJECTION	TBI	An electronically controlled fuel injection system in which one or more fuel injectors are located in a throttle body.
THROTTLE POSITION	TP	See Glossary Entry "THROTTLE".
THROTTLE VALVE	THROTTLE VALVE	See Glossary Entries "THROTTLE" and "VALVE".
TIME SINCE ENGINE START	TIME SINCE ENGINE START	Accumulated time while the engine is running.
TIMING ACTUATOR	TA Solenoid	A device that can be used to adjust timing of an engine.
TORQUE	TRQ	See Glossary Entry "TORQUE".
TORQUE CONVERTER CLUTCH	TCC	See Glossary Entries "CONVERTER" and "CLUTCH".
TORQUE CONVERTER CLUTCH PRESSURE	TCCP	A positive pressure in a torque converter hydraulic circuit.
TORQUE CURVE	TRQ CURVE	Plot showing torque and engine speed relationship.
TOTAL VEHICLE HOURS	TOTAL VEHICLE HOURS	Accumulated time of operation of vehicle.
TRANSMISSION CONTROL MODULE	TCM	See Glossary Entries "TRANSMISSION", "CONTROL" and "MODULE".
TRANSMISSION CURRENT GEAR	TRANS CUR GEAR	The gear currently engaged in the transmission or the last gear engaged while the transmission is in the process of shifting to the new or selected gear. Transitions toward a destination gear will not be indicated. Once the selected gear has been engaged then Transmission Current Gear will reflect that gear.
TRANSMISSION DRIVELINE ENGAGED	TRANS DRIVELINE ENGAGED	Driveline engaged indicates the transmission controlled portion of the driveline is engaged sufficiently to allow a transfer of torque through the transmission. Driveline engaged is ACTIVE whenever the transmission is in gear and the clutch (if controlled by the transmission controller) is less than 100% clutch slip (clutch able to transfer torque).
TRANSMISSION OUTPUT SHAFT SPEED	TRANS OSS	Calculated speed of the transmission output shaft.
TRANSMISSION RANGE	TR Sensor	See Glossary Entries "TRANSMISSION" and "RANGE".
TRANSMISSION SELECTED GEAR	TRANS SEL GEAR	The gear that the transmission will attempt to achieve during the current shift if a shift is in progress, or the next shift if one is pending (i.e., waiting for torque reduction to initiate the shift).
TRANSMISSION SHIFT IN PROCESS	TRANS SIP	Indicates that the transmission is in process of shifting from the current gear to the selected gear. This state is generally ACTIVE during the entire time that the transmission controls the vehicle. This includes any transmission clutch control, all engine control sequences, pulling to transmission neutral, and engaging the destination gear (e.g., until it is no longer sending commands and/or limits to the engine).
TRANSMISSION TORQUE CONVERTER LOCKUP ENGAGED	TRANS TRQ CONVERTER LOCKUP ENGAGED	State signal which indicates whether the torque converter lockup is engaged.

TABLE 3 - RECOMMENDED TERMS

RECOMMENDED TERM	ACRONYM / ABBREVIATION	DEFINITION
TURBINE SHAFT SPEED	TSS Sensor	See Glossary Entries "TURBINE SHAFT" and "SPEED".
TURBOCHARGER	TC	Device that utilizes exhaust gas energy to compress intake air.
TWO SPEED AXLE ACTUATOR	Two Speed Axle Actuator	Identifies the status of the actuator for the two-speed axle
TWO SPEED AXLE SWITCH	Two Speed Axle Switch	Switch signal which indicates the current axle range.
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 function.
VARIABLE SPEED GOVERNOR	VSG	A device which holds a constant speed independent of load. In the range between low idle and high idle the speed is determined by the accelerator pedal. See Glossary Entry "GOVERNOR".
VARIABLE VALVE TIMING AND/OR CONTROL	VVT CTRL	A system used to influence the intake and outlet of gases to and from a cylinder.
VEHICLE IDENTIFICATION NUMBER	VIN	Vehicle Identification Number (VIN) as assigned by the vehicle manufacturer.
VEHICLE LIMITING SPEED	VLS	MPH to which VLSG will be controlling.
VEHICLE LIMITING SPEED GOVERNOR	VLSG	A vehicle speed limiting device that operates when the vehicle has reached its vehicle limiting speed. See Glossary Entry "GOVERNOR".
VEHICLE SPEED	VS	Speed of the vehicle as calculated from wheel or tailshaft speed.
VEHICLE SPEED SENSOR	VSS	A sensor which provides vehicle speed information.
VOLTAGE REFERENCE	VREF	A voltage supply that may be used for powering sensors.
VOLTAGE SUPPLY	VOLTAGE SUPPLY	Device that provides power to an electronic circuit.
VOLUME AIR FLOW	VAF	A system which provides information on the volume flow rate of the intake air to the engine.
WASTEGATE CONTROL CIRCUIT	WCC	See Glossary Entry "WASTEGATE".
WHEEL SENSOR	WHEEL SENSOR	Sensor that measures speed of the wheel.
WIDE OPEN THROTTLE	WOT	See Glossary Entry "THROTTLE".



## 9. GLOSSARY OF TERMS

Table 4 is an alphabetical listing of base words and single word modifiers, together with their definitions.

TABLE 4 - GLOSSARY OF TERMS

Baseword/Single Word Modifier	Definition
Accelerate Switch	A switch input that provides a signal to increase the set vehicle road speed relative to cruise control operation, or increase to the set engine speed relative to PTO operation.
Accelerator	A device which, directly or indirectly, controls the flow of fuel and/or air to the engine, thereby, controlling engine speed and/or torque.
Accelerator Pedal	A foot-operated device, which, directly or indirectly, controls the flow of fuel and/or air to the engine, thereby, controlling engine speed and/or torque.
Accumulator	A vessel in which fluid is stored, usually at greater than atmospheric pressure.
Actuation	The process of moving or controlling something indirectly instead of by hand.
Actuator	A mechanism for moving or controlling something indirectly instead of by hand. Compare: Solenoid, relay, and valve.
Aftercooler	A charge air heat exchanger located after the turbocharger compressor housing.
Aftertreatment	Exhaust gas treatment system used to reduce overall engine emission levels.
Air Conditioning	A vehicular accessory system that modifies the passenger compartment air by cooling and drying the air.
Alternator	See Generator.
Ambient	Surroundings. For instance, ambient temperature is the temperature of the surroundings as compared to the temperature of the engine coolant.
Assembly	One or more components that work together to accomplish a given task.
Auxiliary	Supplementary
Bank Imbalance	A relatively significant difference between some property of a subsystem associated with each bank of the engine, such as a significant difference between the pressures in the exhaust manifolds for each engine bank.
Battery	An electrical storage device designed to produce a DC voltage by means of an electrochemical reaction.
Blower	A device designed to supply a current of air at a moderate pressure. A blower usually consists of an impeller assembly, a motor, and a suitable case. The blower case is usually designed as part of a ventilation system. Compare: Fan.
Body	(1) The assembly of sheetmetal components, windows, doors, seats, etc., that provide enclosures for passengers and/or cargo in a motor vehicle. It may or may not include the hood and fenders. (2) The primary, central, or key part of a feature.
Brake	A device for retarding motion, usually by means of friction.
Calibration	The setting of adjustments to specified engine requirements.
Camshaft	A shaft on which phased cams are mounted. The camshaft is used to regulate the opening and closing of the intake valves, exhaust valves, and injectors.
Canister	An evaporative emission canister contains activated charcoal which absorbs fuel vapors and holds them until the vapors can be purged at an appropriate time.
Capacitor	An electrical device for accumulating and holding a charge of electricity.
Carburetor	A mechanism which automatically mixes fuel with air in the proper proportions to provide a desired power output from a spark ignition internal combustion engine.

TABLE 4 - GLOSSARY OF TERMS

Baseword/Single Word Modifier	Definition
Catalyst	A substance that can increase or decrease the rate of a chemical reaction between substances without being consumed in the process.
Chassis	The suspension, steering, and braking elements of a vehicle.
Circuit	A complete electrical path or channel, usually includes the source of electric energy. Circuit may also describe the electrical path 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 filter in it to trap particulates and only pass clean air through.
Closed Loop (Engine)	An operating condition or mode which enables modification of programmed instructions based on a feedback system.
Clutch	A mechanical device which uses mechanical, magnetic, or friction type connections to facilitate engaging or disengaging of two shafts or rotating members.
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, and for use in a spark-ignition system.
Command	To direct authoritatively.
Compressor	The component of the turbocharger that increases the pressure of the mixture at the intake of the compressor side. The energy for increasing the pressure is supplied by the turbine side of the turbocharger.
Continuous	A specific uninterrupted length of time.
Control	A means or a device to direct and regulate a process or guide the operation of a machine, apparatus, or system.
Converter (Catalytic)	An inline, exhaust system device used to reduce the level of engine exhaust emissions.
Converter (Torque)	A device which, by its design, multiplies the torque in a fluid coupling between an engine and transmission/ transaxle.
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.
Correction	Adjustment used to increase accuracy of a measurement based on other known characteristics.
Correction Factor	Factor used to adjust data to the standard conditions.
Crankshaft	The part of an engine which converts the reciprocating motion of the pistons to rotary motion.
Cylinder	The combustion chamber in an internal combustion engine.
Data	General term for information, usually represented by numbers, letters, symbols.
Decelerate Switch	A switch input that provides a signal to decrease the set vehicle road speed relative to cruise control operation, or decrease to the set engine speed relative to PTO operation.
Derate	The process of lowering the rated capability of the engine output, such as for high altitudes or inadequate operating conditions.
Device	A piece of equipment or a mechanism designed for a specific purpose or function. DO NOT use "Device" in naming.
Diagnostics	The process of identifying the cause or nature of a condition, situation, or problem. To determine corrective action in repair of automotive systems.

TABLE 4 - GLOSSARY OF TERMS

Baseword/Single Word Modifier	Definition
Differential	(1) A device with an arrangement of gears designed to permit the division of power to two shafts. (2) See Pressure.
Distance	The amount of separation between two points.
Distributor	A mechanical device designed to switch a high-voltage secondary circuit from an ignition coil to spark plugs in the proper firing sequence.
Doser	Component that introduces a fluid into a system.
Drive	A device which provides a fixed increase or decrease ratio of relative rotation between its input and output shafts.
Driver	Circuitry in an ECM used to produce an output signal to a connected device (e.g., actuator, lamp, buzzer, etc.).
Droop	A speed or governor control principle that allows temporary changes in reference speed during load changes for stable operation.
Electrical	A type of device or system using resistors, motors, generators, incandescent lamps, switches, capacitors, batteries, inductors, or wires. Compare: Electronic.
Electronic	(1) A type of device or system using solid-state devices or thermionic elements such as diodes, transistors, integrated circuits, 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 memory (ROM), and random access memory (RAM). Compare: Electrical.
Enable Switch	A switch input that provides a signal to activate the cruise control operation, or used to activate the PTO operation.
Endspeed	Also known as high idle.
Engine	A machine designed to convert thermal energy into mechanical energy to produce force or motion.
Exhaust Gas	Gas expelled from the combustion process. This can be the gas prior to or after the turbine (if turbocharged).
Fan	A device designed to supply a current of air. A fan may also have a frame, motor, wiring harness, and the like. Compare: Blower.
Filter	A porous material through which a fluid is passed in order to separate the fluid from suspended particulate matter.
Flow	Movement of fluid in a specific direction.
Fuel	Any combustible substance burned to provide heat or power. Typical fuels include gasoline and diesel fuel. Other types of fuel include ethanol, methanol, natural gas, propane, or in combination.
Gain	The numerical ratio between the amplitude of the output and input of a component under specified conditions.
Gaseous	The state of a substance that is not a solid or liquid.
Generator	A rotating machine designed to convert mechanical energy into electrical energy.
Glow Plug	Provides heat to the combustion chamber in the form of a high-temperature probe into the combustion
Governor	A device designed to automatically achieve, maintain, or limit a control parameter such as RPM, MPH, Water Pressure, Fuel Pressure, Oil Pressure, Temperature, etc. Compare: Regulator.

TABLE 4 - GLOSSARY OF TERMS

Baseword/Single Word Modifier	Definition
Governor Break	Highest RPM where full engine power is available. Beyond this RPM engine power is reduced (also see Rated Speed entry in Table 2 (Recommended Terms))
Ground	An electrical conductor used as a common return for an electric circuit(s) and with a relative zero potential.
Heater	Device used to add heat to a median such as intake air via an electrical element and/or flame.
High Resolution	Term used to indicate the resolution of the parameter is a higher resolution than a legacy term.
Hydraulic	The use of fluid power to do work, A high-pressure fluid liquid is transmitted through tubes and hoses to actuators that use this power.
Idle	Rotational speed of an engine. Specific idle types include: idle (lowest governed operating RPM), high idle (highest governed operating RPM), etc.
Ignition	<ol style="list-style-type: none"> <li>1. Electrical run circuit of an engine.</li> <li>2. The beginning of combustion in internal combustion engines that rely on compression.</li> <li>3. System used to provide high-voltage spark (e.g., for internal combustion engines or as a source to produce a high temperature for aftertreatment systems).</li> </ol>
Ignition Coil	A device used to transfer energy from one circuit to another. Common uses of this include isolating two circuits and/or changing the voltage to a higher or lower value from one circuit to another.
Ignition Coil Primary Input	Low voltage side of an ignition coil (higher current).
Ignition Coil Secondary Output	High voltage side of an ignition coil (lower current).
Indicator	A device which visually presents vehicle condition information transmitted or relayed from some other source.
Injection	The process of delivering metered pressurized fuel to the intake system or the cylinders at a given crank
Injector	A device for delivering metered pressurized fuel to the intake system or the cylinders at a given crank.
Input Shaft	A shaft in a device that is driven by the previous element in a powertrain.
Intake	The port or opening on a component for the flow of the medium (e.g. air or fluid) into the component.
Intake Air	Air drawn through a cleaner for use in combustion.
Intake Manifold	Distributes the air or combustion mixture to each intake port in the cylinder head(s).
Interlock	To associate so that an operation is constrained by another
Knock (Engine)	The sharp, metallic sound produced when two pressure fronts collide in the combustion chamber of an engine.
Lamp	Visual indicator that can be illuminated, sometimes in icon form, that can be shown or not shown.
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.
Link (Electrical/Electronic)	General term used to indicate the existence of communication facilities between two points.
Manifold	A device designed to collect or distribute fluid, air, or the like. Compare: Rail.

TABLE 4 - GLOSSARY OF TERMS

Baseword/Single Word Modifier	Definition
Mass Flow Rate	Measurement of the movement of a substance's mass in a specific direction.
Memory	A device in which data can be stored and used when needed.
Metering	Regulating flow control of a fluid.
Missing	Describes a condition when a component is not present.
Mode	One of several alternative conditions or methods of operating a device or control module.
Module (E/E)	A self-contained group of E/E components, which is designed as a single replaceable unit.
Monitor	Something that reminds or warns. A device that measures a characteristic either constantly or on demand, compares the measured value against a standard or pre-established limit, and initiates a signaling action.
Motor	A machine that converts kinetic energy, such as electricity, into mechanical energy. Compare: Actuator.
Open Loop	An operating condition or mode based on programmed instructions and not modified by a feedback system.
Outlet	The port or opening on a component for the flow of the medium (e.g. air or fluid) out of the component.
Output Shaft	A shaft in a device that drives the next element in the powertrain.
Park/Neutral	The selected nondrive modes of the transmission.
Particulate Filter	A filter used to remove the tiny particles of a solid or liquid that are suspended in a gas.
Piston Cooling Gallery	Passage in which fluid transfers heat from combustion chamber(s) to ambient environment.
Plate	A term used to describe the collection of information under a single reference. For example: the data plate on the engine to identify it's horsepower, rated engine speed, certification information, etc. Note that this information may also be stored in electronic form in the memory of the electronic control module.
Point 1	As it pertains to the engine torque map, this is the low speed governor point.
Point 2	As it pertains to the engine torque map, this is the high speed governor point.
Point 3	As it pertains to the engine torque map, this is the breakpoint between Point 1 and Point 4.
Point 4	As it pertains to the engine torque map, this is the breakpoint between Point 3 and Point 5.
Point 5	As it pertains to the engine torque map, this is the breakpoint between Point 4 and Point 2.
Point 6	As it pertains to the engine torque map, this is the speed point on the zero torque line determined using the Gain of the Endspped Governor and Point 2.
Point 7	As it pertains to the engine torque map, this is the Maximum Momentary Engine Override Speed.
Power	Capacity of doing work. Amount of work done in a certain period of time.
Power Steering	A system which provides additional force to the steering mechanism, reducing the driver's steering effort.
Powertrain	The elements of a vehicle by which motive power is generated and transmitted to the driven axles.
Precleaner	A device usually employing inertial or centrifugal means to remove a portion of the air impurities prior to reaching the filter element.

TABLE 4 - GLOSSARY OF TERMS

Baseword/Single Word Modifier	Definition
Preliminary FMI	Indication of a possible malfunction or failure mode identified by a device (e.g., smart sensor or smart actuator) that may not be responsible for reporting DTCs with the appropriate diagnostic message. When no malfunction or failure mode has been identified by the device, FMI 31 will be used.
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.
Property	Quality, attribute, or measured dimension of a given object or substance.
Pulse Width	The time interval between the first and last instants at which the instantaneous amplitude reaches a stated fraction of the peak pulse amplitude.
Pulse Width (Modulation)	A data bit format, where the width of a pulse of constant voltage or current determines the value of the data transmitted.
Pump	A device used to raise, transfer, or compress fluids by suction, pressure, or both.
Rack	System used to control a combination of valves and plungers to control the quantity and timing of a fuel injection system
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 the coolant in an internal combustion engine cooling system.
Rail	A manifold for fuel injection fuel. Compare: Manifold.
Range	1. The detent position of the transmission in a manual valve. 2. Span of speed control values used for engine speed control.
Reagent	A substance used in a chemical reaction to detect, measure, examine, or produce other substances.
Refrigerant	A substance used as a heat transfer agent in an air-conditioning system.
Regeneration	A process that restores a device back to a state which is ready for accumulation. One example of regeneration is the process of cleaning the diesel particulate filter.
Regulator	A device that automatically controls a parameter to a desired threshold (i.e., temperature, pressure, flow). Compare: Governor.
Regulator (Voltage)	A device that automatically controls the functional output of another device by adjusting the voltage to meet a specified value.
Relative Humidity	The ratio, expressed as a percentage, of the amount of water present in a given volume of air at a given temperature to the amount required to saturate the air at that temperature.
Relay	A generally electromechanical device in which connections in one circuit are opened or closed by changes in another circuit. Compare: Actuator, Solenoid, and Switch.
Requested	The act of asking.

TABLE 4 - GLOSSARY OF TERMS

Baseword/Single Word Modifier	Definition
Resolution	The minimum distinguishable reading increment for a given recorded trace or scale combination, expressed as a percent of the recording system's full scale.
Resume Switch	A switch input that provides a signal to resume to the previous set vehicle road speed relative to cruise control operation, or resume to the previous set engine speed relative to PTO operation.
Scan Tool	A device that interfaces with and communicates information on a data link.
Secondary Air	Air provided to the exhaust system.
Sensor	The generic name for a device that senses either the absolute value or a change in a physical quantity such as temperature, pressure, or flow rate, and converts that change into an electrical quantity signal. Compare: Transducer.
Set Switch	A switch input that provides a signal to hold the current vehicle road speed relative to cruise control operation, or hold the current engine speed relative to PTO operation.
Shift Solenoid	A device that controls shifting in an automatic transmission.
Signal (Electrical/Electronic)	A fluctuating electric quantity, such as voltage or current, whose variations represent information.
Solenoid	A device consisting of an electrical coil which when energized, produces a magnetic field in a plunger, which is pulled to a central position. A solenoid may be used as an actuator in a valve or switch. Compare: Actuator, Relay, and Switch.
Solid State	Crystalline circuit structures used to perform electronic functions. Examples of such structures include transistors, diodes, integrated circuits, and other semiconductors.
Soot	Particulate created as a by-product of combustion of hydrocarbon fuel.
Specific Gravity	The density of a substance relative to the density of water.
Speed	The magnitude of velocity (regardless of direction).
Supercharger	A mechanically driven device that pressurizes the intake air, thereby increasing the density of charge air and the consequent power output from a given engine displacement.
Switch	A device for making, breaking, or changing the connections in an electrical circuit. Compare: Relay, Solenoid, and Valve.
System	A group of interacting mechanical or electrical components serving a common purpose.
Tank	A container used to store fuels, fluids, coolant, catalyst reagents or gas material.
Test	A procedure whereby the performance of a product is measured under various conditions.
Thermal Management	Temperature regulation.
Thermostat	A device, commonly used in the cooling system, that regulates the flow of the system fluid (e.g. coolant) based upon temperature, generally for managing or controlling the temperature of the fluid.
Throttle	A valve for regulating the supply of a fluid, usually air or a fuel/air mix, to an engine. Not applicable to a compression ignition engine.
Timing	The time, relative to piston position and crankshaft angle, when combustion is initiated, through a spark for spark-ignition engines or by injection of fuel in diesel engines.
Torque	A rotational effort produced by a force times a moment arm.



TABLE 4 - GLOSSARY OF TERMS

Baseword/Single Word Modifier	Definition
Transaxle	A device consisting of a transmission and axle drive gears assembled in the same case. Compare: Transmission.
Transducer	A device that receives energy from one system and retransmits (transfers) it, often in a different form, to another system. For example, the cruise control transducer converts a vehicle speed signal to a modulated vacuum output to control a servo. Compare: Sensor.
Transmission	A device which selectively increases or decreases the ratio of relative rotation between its input and output shafts. Compare: Transaxle.
Trap	Filter media placed in a flow path to remove or trap some content of that flow.
Troubleshooting	See Diagnostics.
Turbine	The component of the turbocharger that extracts energy from the exhaust gas of the engine and converts it to shaft work to drive the compressor impeller(s).
Turbine Shaft	A shaft In a device that is driven by a turbine.
Turbocharger	A centrifugal device driven by exhaust gases that pressurize the intake air, thereby increasing the density of charge air and the consequent power output from a given engine displacement.
Ultraviolet	The portion of the electromagnetic spectrum between violet visible light and X-rays.
Urea	A type of reagent that is used in some forms of diesel engine exhaust aftertreatment.
Vacuum	A circuit in which pressure has been reduced below the ambient atmospheric pressure.
Valve	A device by which the flow of liquid, gas, vacuum, or loose material in bulk may be started, stopped, or regulated by a movable part that opens, shuts, or partially obstructs one or more ports or passageways. A "Valve" is also the moveable part of such a device. Compare: Actuator and Switch.
Vapor	A substance in its gaseous state as distinguished from the liquid or solid state.
Variable Geometry	The ability to change the angle of movable blades or vanes, such as on a pump or turbocharger turbine, to optimize the behavior of the device throughout an operating range.
Vent	Opening to allow flow of fluid.
Volatile	(1) Vaporizable at normal temperatures. (2) Not permanent.
Wastegate	A valve used to allow exhaust gases to bypass the turbocharger in order to limit charge air pressure.
Wheel	A circular frame of hard material that may be solid, partially solid, or spoked and that is capable of turning on an axle.

## 10. REVISION PROCEDURES

It will be appropriate to revise the published SAE J2403 on an ongoing basis. Requested revisions and updates will be controlled by the Electrical and Electronics Committee of the SAE Truck and Bus Council using the normal Recommended Practice Ballot process. This will ensure proper distribution of the changes.

Ongoing changes of the SAE Vehicle E/E Systems Diagnostic Standard Committee's SAE J1930 document should be reviewed and applicable changes made to SAE J2403.

As required by SAE standards, the SAE J2403 document will be formally updated and balloted at least once every 5 years. When warranted by the number of requested modifications, SAE J2403 will be updated as often as every 6 months.

Use Appendix A for submission of new information.

## 11. SAMPLE DIAGRAMS

NOTE: Not all companies' implementations will match the sample diagrams in this document.

### 11.1 Aftertreatment – SCR Diagram

The diagram in Figure 3 illustrates a Selective Catalytic Reduction (SCR) System. See Table 5 for the list of parameters that correspond to the numerical identifiers in Figure 3.

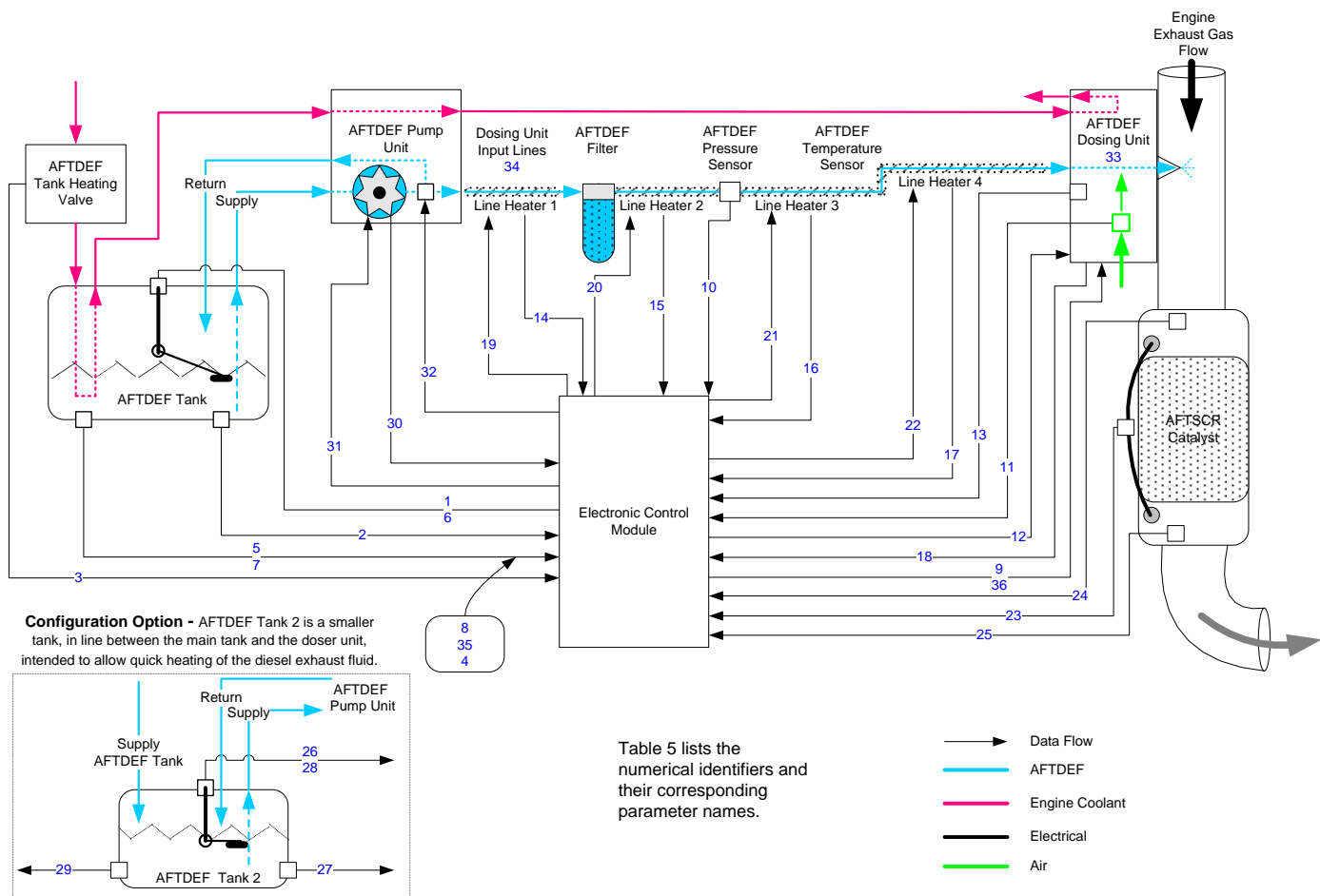


FIGURE 3 - SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEM

TABLE 5 - PARAMETER NAMES FOR FIGURE 3

Numerical Identifier in Figure 3	Parameter Name	Example: J1939 SPN
1	Aftertreatment Diesel Exhaust Fluid Tank Level	1761
2	Aftertreatment Diesel Exhaust Fluid Tank Temperature	3031
3	Aftertreatment Diesel Exhaust Fluid Tank Heater	3363
4	Aftertreatment Diesel Exhaust Fluid Temperature 2	3515
5	Aftertreatment Diesel Exhaust Fluid Concentration	3516
6	Aftertreatment Diesel Exhaust Fluid Tank Level 2	3517
7	Aftertreatment Diesel Exhaust Fluid Conductivity	3518
8	Aftertreatment Diesel Exhaust Fluid Property	3521
9	Aftertreatment Diesel Exhaust Fluid Actual Quantity of Integrator	4333
10	Aftertreatment Diesel Exhaust Fluid Dosing Absolute Pressure	4334
11	Aftertreatment Selective Catalytic Reduction Dosing Air Assist Absolute Pressure	4335
12	Aftertreatment Selective Catalytic Reduction Dosing Air Assist Valve	4336
13	Aftertreatment Diesel Exhaust Fluid Dosing Temperature	4337
14	Aftertreatment Diesel Exhaust Fluid Line Heater 1 State	4340
15	Aftertreatment Diesel Exhaust Fluid Line Heater 2 State	4342
16	Aftertreatment Diesel Exhaust Fluid Line Heater 3 State	4344
17	Aftertreatment Diesel Exhaust Fluid Line Heater 4 State	4346
18	Aftertreatment Diesel Exhaust Fluid Requested Quantity for Integrator	4350
19	Aftertreatment Diesel Exhaust Fluid Line Heater 1	4354
20	Aftertreatment Diesel Exhaust Fluid Line Heater 2	4355
21	Aftertreatment Diesel Exhaust Fluid Line Heater 3	4356
22	Aftertreatment Diesel Exhaust Fluid Line Heater 4	4357
23	Aftertreatment Selective Catalytic Reduction Differential Pressure	4358
24	Aftertreatment Selective Catalytic Reduction Intake Gas Temperature	4360
25	Aftertreatment Selective Catalytic Reduction Outlet Gas Temperature	4363
26	Aftertreatment Diesel Exhaust Fluid Tank 2 Level	4367
27	Aftertreatment Diesel Exhaust Fluid Tank 2 Temperature	4368
28	Aftertreatment Diesel Exhaust Fluid Tank 2 Level 2	4369
29	Aftertreatment Diesel Exhaust Fluid Tank 2 Heater	4372
30	Aftertreatment Diesel Exhaust Fluid Pump Motor Speed	4374
31	Aftertreatment Diesel Exhaust Fluid Pump Drive Percentage	4375
32	Aftertreatment Diesel Exhaust Fluid Return Valve	4376
33	Aftertreatment Diesel Exhaust Fluid Dosing Unit	3361
34	Aftertreatment Diesel Exhaust Fluid Dosing Unit Input Lines	3362
35	Aftertreatment Diesel Exhaust Fluid Tank Quality	3364
36	Aftertreatment Diesel Exhaust Fluid Dosing Requested Quantity	4348

NOTE: Diesel Exhaust Fluid (DEF) is the reagent, urea, consistent with specifications for SCR systems.

#### 11.2 Aftertreatment – Configuration with Warm Up Diesel Oxidation Catalyst, Diesel Oxidation Catalyst, & Diesel Particulate Filter

The diagram in Figure 4 illustrates an aftertreatment configuration that consists of a Warm Up Diesel Oxidation Catalyst, a Diesel Oxidation Catalyst, and a Diesel Particulate Filter. An optional component is displayed within the dashed lines. See Table 6 for the list of parameters that correspond to the numerical identifiers in Figure 4.

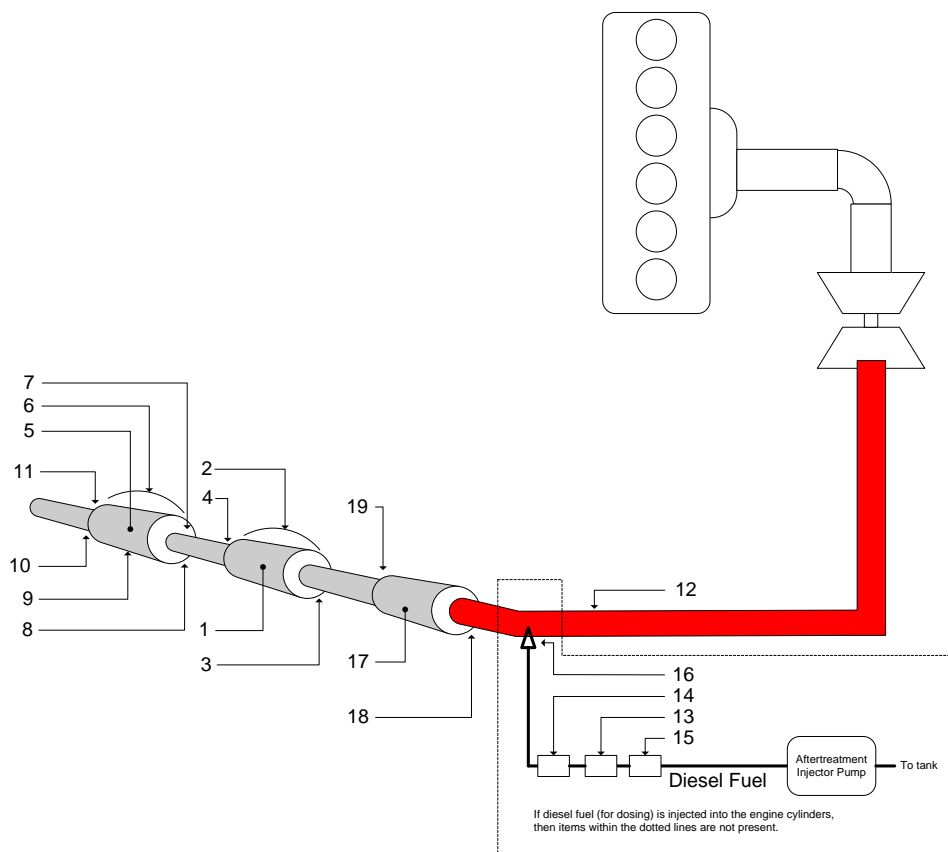


FIGURE 4 - CONFIGURATION SHOWING WARM UP DIESEL OXIDATION CATALYST, DIESEL OXIDATION CATALYST, AND DIESEL PARTICULATE FILTER

TABLE 6 - PARAMETER NAMES FOR FIGURE 4

Numerical Identifier in Figure 4	Parameter Name	Example: J1939 SPN
1	Aftertreatment Diesel Oxidation Catalyst System	5018
2	Aftertreatment Diesel Oxidation Catalyst Differential Pressure	4767
3	Aftertreatment Diesel Oxidation Catalyst Intake Temperature	4765
4	Aftertreatment Diesel Oxidation Catalyst Outlet Temperature	4766
5	Aftertreatment Diesel Particulate Filter	3936
6	Aftertreatment Diesel Particulate Filter Differential Pressure	3251
7	Aftertreatment Diesel Particulate Filter Intake Pressure	3609
8	Aftertreatment Diesel Particulate Filter Intake Temperature	3242
9	Aftertreatment Diesel Particulate Filter Intermediate Gas Temperature	3250
10	Aftertreatment Diesel Particulate Filter Outlet Pressure	3610
11	Aftertreatment Diesel Particulate Filter Outlet Temperature	3246
12	Aftertreatment Exhaust Gas Temperature	3241
13	Aftertreatment Fuel Drain Actuator	4097
14	Aftertreatment Fuel Pressure	3480
15	Aftertreatment Fuel Shutoff Valve	3482
16	Aftertreatment Hydrocarbon Doser	3556
17	Aftertreatment Warm Up Diesel Oxidation Catalyst	4791
18	Aftertreatment Warm Up Diesel Oxidation Catalyst Intake Temperature	4809
19	Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Temperature	4810

### 11.3 Aftertreatment – Configuration with Warm Up Diesel Oxidation Catalyst, NOx Adsorber Catalyst, & Diesel Particulate Filter

The diagram in Figure 5 illustrates an aftertreatment configuration that consists of a Warm Up Diesel Oxidation Catalyst, a NOx Adsorber Catalyst, and a Diesel Particulate Filter.

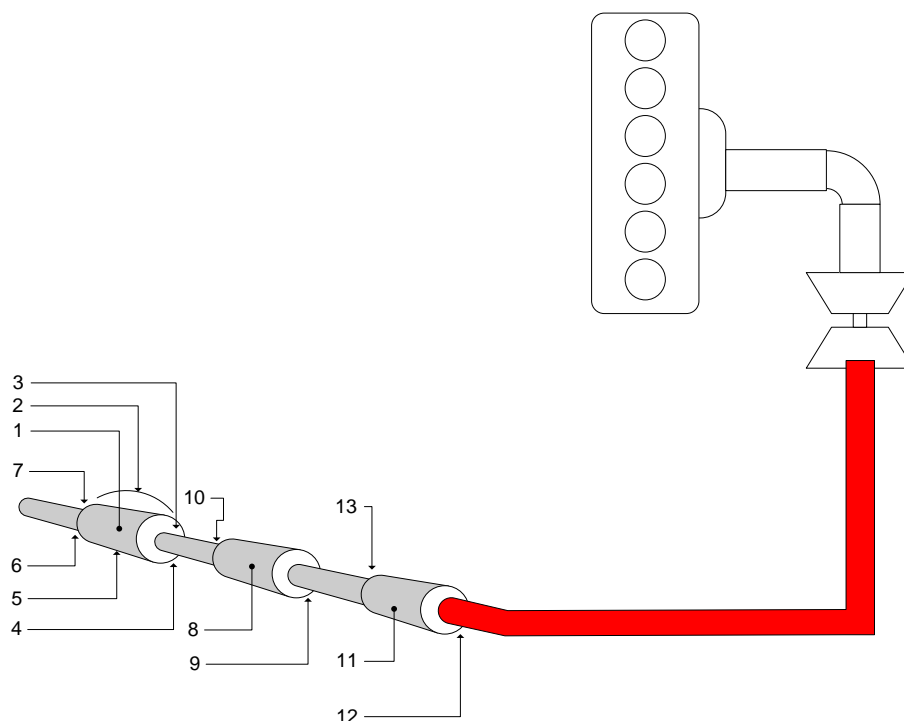


FIGURE 5 - CONFIGURATION SHOWING WARM UP DIESEL OXIDATION CATALYST, NOx ADSORBER CATALYST, AND DIESEL PARTICULATE FILTER

TABLE 7 - PARAMETER NAMES FOR FIGURE 5

Numerical Identifier in Figure 5	Parameter Name	Example: J1939 SPN
1	Aftertreatment Diesel Particulate Filter System	3936
2	Aftertreatment Diesel Particulate Filter Differential Pressure	3251
3	Aftertreatment Diesel Particulate Filter Intake Pressure	3609
4	Aftertreatment Diesel Particulate Filter Intake Temperature	3242
5	Aftertreatment Diesel Particulate Filter Intermediate Gas Temperature	3250
6	Aftertreatment Diesel Particulate Filter Outlet Pressure	3610
7	Aftertreatment Diesel Particulate Filter Outlet Temperature	3246
8	Aftertreatment NOx Adsorber Catalyst	5309
9	Aftertreatment NOx Adsorber Catalyst Intake Temperature	4765
10	Aftertreatment NOx Adsorber Catalyst Outlet Temperature	4766
11	Aftertreatment Warm Up Diesel Oxidation Catalyst	4791
12	Aftertreatment Warm Up Diesel Oxidation Catalyst Intake Temperature	4809
13	Aftertreatment Warm Up Diesel Oxidation Catalyst Outlet Temperature	4810

## 11.4 Aftertreatment – Spark Assisted Diesel Particulate Filter System Diagram

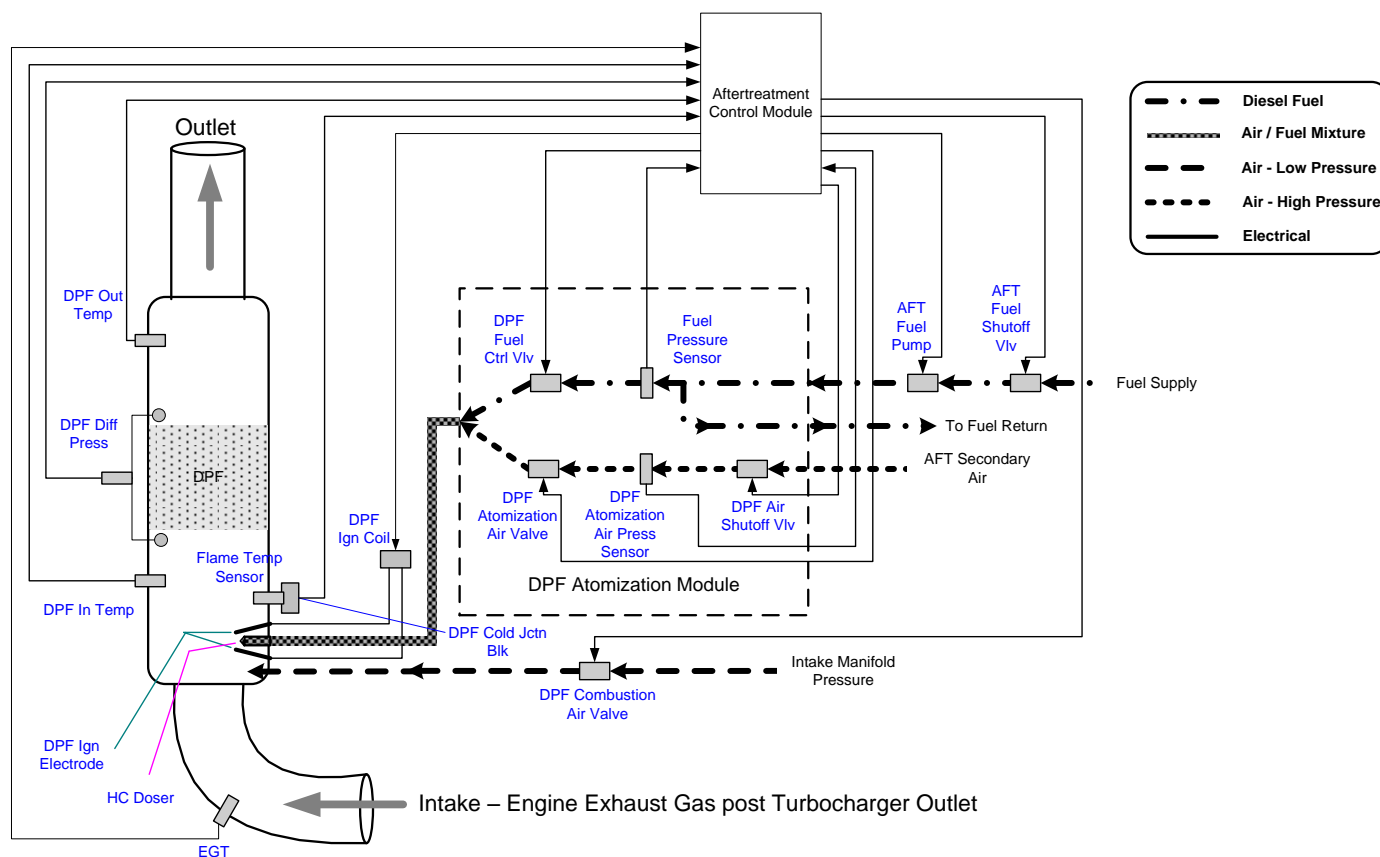


FIGURE 6 - SPARK ASSISTED DIESEL PARTICULATE FILTER SYSTEM DIAGRAM

## 12. NOTES

## 12.1 Marginal Indicia

A change bar (I) located in the left margin is for the convenience of the user in locating areas where technical revisions, not editorial changes, have been made to the previous issue of this document. An (R) symbol to the left of the document title indicates a complete revision of the document, including technical revisions. Change bars and (R) are not used in original publications, nor in documents that contain editorial changes only.

# APPENDIX A - REQUEST FOR REVISION TO SAE J2403 ELECTRICAL / ELECTRONIC SYSTEMS DIAGNOSTIC TERMS, DEFINITIONS, ABBREVIATIONS, AND ACRONYMS

To ensure that your request is accepted for ballot and incorporation into SAE J2403, please supply the following information consistent with the Methodology of Section 4 through 4.3.2:

Please send completed form to:

SAE J2403 Task Force, 755 W. Big Beaver, Suite 1600, Troy, MI 48084.  
Fax number: (248) 273-2494

PURPOSE or RATIONALE FOR REQUEST: \_\_\_\_\_

\_\_\_\_\_

SECTION 5

PREVIOUS USAGE(S) \_\_\_\_\_ RECOMMENDED TERMS \_\_\_\_\_

\_\_\_\_\_

SECTION 6

RECOMMENDED TERM

PREVIOUS: \_\_\_\_\_ Add Delete Change

SUGGESTED: \_\_\_\_\_ Add Delete Change

ACRONYM/ABBREVIATIONS

PREVIOUS: \_\_\_\_\_ Add Delete Change

SUGGESTED: \_\_\_\_\_ Add Delete Change

DEFINITION

PREVIOUS: \_\_\_\_\_ Add Delete Change

SUGGESTED: \_\_\_\_\_ Add Delete Change

EMISSION RELATED? YES \_\_\_\_\_ NO \_\_\_\_\_

SECTION 7

GLOSSARY OF TERMS: \_\_\_\_\_

\_\_\_\_\_

REQUESTOR: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Signature: \_\_\_\_\_ Address: \_\_\_\_\_

Date: \_\_\_\_\_

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## COMMITTEE USE ONLY

RECOMMEND FOR BALLOT? YES \_\_\_\_\_ NO \_\_\_\_\_ BALLOT TARGET DATE \_\_\_\_\_

COMMENTS \_\_\_\_\_

JXXXX CHAIRPERSON \_\_\_\_\_ DATE \_\_\_\_\_