

# GLOSSARY OF SAE AND TOYOTA TERMS

This glossary lists all SAE-J 1930 terms and abbreviations used in this manual in compliance with SAE recommendations, as well as their Toyota equivalents.

| SAE ABBREVIATIONS | SAE TERMS   | TOYOTA TERMS<br>( ) -- ABBREVIATIONS   |
|-------------------|---|--|
| <b>ACH</b>        | Air Cleaner Housing                                 | Air Cleaner  |
| ACS               | Air Conditioning Sensor                             | Air Conditioner Switch   |
| <b>AFS</b>        | Air Flow Sensor                                     | Air Flow Meter   |
| AIR               | Secondary Air Injection                             | Air Injection (AI)   |
| ALT               | Alternator  | Alternator   |
| <b>B+</b>         | Battery Positive Voltage                            | +B, Battery Voltage  |
| BARD              | Barometric Absolute Pressure Sensor                 | HAC Sensor or P Sensor   |
| CAC               | Charge Air Cooler                                   | Intercooler  |
| <b>CARB</b>       | Carburetor  | Carburetor   |
| <b>CL</b>         | Closed Loop   | Closed Loop  |
| <b>CLS</b>        | Closed Loop System                                  | Closed Loop System   |
| CPS               | Crankshaft Position Sensor                          | Crank Angle Sensor   |
| <b>DI</b>         | Direct Injection (Diesel)                           | Direct Injection (D1)  |
| DLC1<br>DLC2      | Data Link Connector                                 | 1: Check Connector<br>2: TDCL  |
| <b>DLI</b>        | Distributorless Ignition                            | Distributorless Ignition (DLI)   |
| OTC               | Diagnostic Trouble Codes                            | Diagnostic Codes   |
| <b>ECTS</b>       | Engine Coolant Temperature Sensor                   | Coolant Temperature Sensor, Water Temperature Sensor or THW  |
| EEPROM            | Electrically Erasable Programmable Read Only Memory | Electrically Erasable Programmable Read Only Memory (EEPROM), Erasable Programmable Read Only Memory (EPROM) |
| <b>EFE</b>        | Early Fuel Evaporation                              | Cold Mixture Heater (CMH), Heat Control Valve (HCV)  |
| EG R              | Exhaust Gas Recirculation                           | Exhaust Gas Recirculation (EGR)  |
| EG RS             | EGR Function Sensor                                 | EGR Gas Temperature Sensor   |
| <b>EGRV</b>       | EGR Valve   | EGR Valve  |
| <b>EI</b>         | Electronic Ignition                                 | Electronic Spark Advance (ESA)   |
| <b>EM</b>         | Engine Modification                                 | Engine Modification (EM)   |
| EPROM             | Electrically Programmable Read Only Memory          | Programmable Read Only Memory (PROM)   |
| EV AP             | Fuel Evaporative System                             | Evaporative Emission Control (EVAP)  |
| <b>FPR</b>        | Fuel Pump Relay                                     | Fuel Pump Relay  |
| <b>GND</b>        | Ground  | Ground (GND)   |
| H02S              | Heated Oxygen Sensor                                | Heated Oxygen Sensor (H02S)  |
| <b>IACV</b>       | Idle Air Control Valve                              | ISC Valve  |
| <b>IATS</b>       | Intake Air Temperature Sensor                       | Intake or Inlet Air Temperature Sensor   |
| <b>IDI</b>        | Indirect Diesel Injection                           | Indirect Injection Diesel Engine   |
| <b>KS</b>         | Knock Sensor  | Knock Sensor   |
| MAP               | Manifold Absolute Pressure Sensor                   | Manifold Pressure Sensor<br>Turbocharger Pressure Sensor<br>Vacuum Sensor                                    |
| <b>MCS</b>        | Mixture Control Solenoid                            | Electric Bleed Air Control Valve (EBCV)<br>Electric Air Control Valve (EACV)                                 |
| <b>MPI</b>        | Multipoint Electronic Fuel Injection                | Electronic Fuel Injection (EFI)  |

|             |   |   |
|-------------|---|---|
| O2s         | Oxygen Sensor                                       | Oxygen Sensor, O2 Sensor (O2S)  |
| <b>OBD</b>  | On –Board Diagnostic System                         | On–Board Diagnostic System (OBD)  |
| <b>OC</b>   | Oxidation Catalyst                                  | Oxidation Catalyst (OC), CCo  |
| <b>OL</b>   | Open Loop   | Open Loop   |
| PAIR        | Pulsed Secondary Air                                | Air Suction (AS)  |
| <b>PCME</b> | Powertrain Control Module (Engine)                  | Engine ECU  |
| PCM E&T     | Powertrain Control Module (Engine and Transmission) | Engine & ECT ECU  |
| <b>PCMT</b> | Powertrain Control Module (Transmission)            | ECT–ECU, Transmission ECU   |
| <b>PNS</b>  | Park/Neutral Switch                                 | Neutral Start Switch (NSW)  |
| <b>PTCS</b> | Powertrain Control Signals                          | Output Signals  |
| <b>PTIS</b> | Powertrain Input Signals                            | Input Signals   |
| RAM         | Random Access Memory                                | Random Access Memory (RAM)  |
| ROM         | Read Only Memory                                    | Read Only Memory (ROM)  |
| SABFV       | Secondary Air Anti –Backfire Valve                  | Check Valve   |
| <b>SABV</b> | Secondary Air By–Pass Valve                         | Air By–Pass Valve (ABV)   |
| <b>SAPV</b> | Secondary Air Pulse Valve                           | AS Reed Valve, Air Suction Valve  |
| <b>SASV</b> | Secondary Air Switching Valve                       | Air Switching Valve (ASV)   |
| <b>SC</b>   | Supercharger  | Supercharger  |
| <b>SMPI</b> | Sequential Multipoint Electronic Fuel Injection     | Electronic Fuel Injection (EFI), Sequential Injection                               |
| <b>SPS</b>  | Steering Pressure Sensor                            | Air Control Valve (ACV)   |
| <b>TB</b>   | Throttle Body                                       | Throttle Body   |
| <b>TBI</b>  | Throttle Body Electronic Fuel Injection             | Single Point Injection<br>Central Fuel Injection (Ci)                               |
| <b>TC</b>   | Turbocharger  | Turbocharger  |
| <b>TCC</b>  | Transmission/Transaxle Converter Clutch Switch      | Lock –Up Solenoid   |
| <b>TGSS</b> | Transmission Gear Selection Switch                  | Shift Position Switch   |
| TOP         | Trap Oxidizer–Periodic                              | Diesel Particulate Filter (DPF)<br>Diesel Particulate Trap (DPT)                    |
| <b>TPS</b>  | Throttle Position Sensor                            | Throttle Position Sensor  |
| TVs         | Thermal Vacuum Switch                               | Bimetal Vacuum Switching Valve (BVSV)<br>Thermostatic Vacuum Switching Valve (TVSV) |
| <b>TWC</b>  | Three Way Catalyst                                  | Three Way Catalyst (TWC)<br>CC <sub>RO</sub>  |
| <b>VR</b>   | Voltage Regulator                                   | Voltage Regulator   |
| <b>VSPG</b> | Vehicle Speed Pulse Generator                       | Speed Sensor  |
| <b>VSS</b>  | Vehicle Speed Sensor                                | Vehicle Speed Sensor (Read Switch Type)   |
| <b>WOTS</b> | Wide Open Throttle Switch                           | VL Switch<br>Power Switch   |
| WUTWC       | Warm Up Three Way Catalyst                          | Manifold Converter  |