010IR–03

# GLOSSARY OF SAE AND TOYOTA TERMS

This glossary lists all SAE–J1930 terms and abbreviations used in this manual in compliance with SAE recommendations, as well as their TOYOTA equivalents.

| SAE ABBREVIATIONS | SAE TERMS | TOYOTA TERMS ( )—ABBREVIATIONS |
|---|---|---|
| A/C | Air Conditioning | Air Conditioner |
| ACL | Air Cleaner | Air Cleaner, A/CL |
| AIR | Secondary Air Injection | Air Injection (AI) |
| AP | Accelerator Pedal | – |
| B+ | Battery Positive Voltage | +B, Battery Voltage |
| BARO | Barometric Pressure | HAC |
| CAC | Charge Air Cooler | Intercooler |
| CARB | Carburetor | Carburetor |
| CFI | Continuous Fuel Injection | – |
| CKP | Crankshaft Position | Crank Angle |
| CL | Closed Loop | Closed Loop |
| CMP | Camshaft Position | Cam Angle |
| CPP | Clutch Pedal Position | – |
| CTOX | Continuous Trap Oxidizer | – |
| CTP | Closed Throttle Position | LL ON, Idle ON |
| DFI | Direct Fuel Injection (Diesel) | Direct Injection (DI) |
| DI | Distributor Ignition | – |
| DLC3 | Data Link Connector 3 | OBD II Diagnostic Connector |
| DTC | Diagnostic Trouble Code | Diagnostic Code |
| DTM | Diagnostic Test Mode | – |
| ECL | Engine Control Level | – |
| ECM | Engine Control Module | Engine ECU (Electronic Control Unit) |
| ECT | Engine Coolant Temperature | Coolant Temperature, Water Temperature (THW) |
| EEPROM | Electrically Erasable Programmable Read Only Memory | Electrically Erasable Programmable Read Only Memory (EEPROM), Erasable Programmable Read Only Memory (EPROM) |
| EFE | Early Fuel Evaporation | Cold Mixture Heater (CMH), Heat Control Valve (HCV) |
| EGR | Exhaust Gas Recirculation | Exhaust Gas Recirculation (EGR) |
| EI | Electronic Ignition | TOYOTA Distributorless Ignition (TDI) |
| EM | Engine Modification | Engine Modification (EM) |
| EPROM | Erasable Programmable Read Only Memory | Programmable Read Only Memory (PROM) |
| EVAP | Evaporative Emission | Evaporative Emission Control (EVAP) |
| FC | Fan Control | – |
| FEEPROM | Flash Electrically Erasable Programmable Read Only Memory | – |
| FEPROM | Flash Erasable Programmable Read Only Memory | – |
| FF | Flexible Fuel | – |
| FP | Fuel Pump | Fuel Pump |
| GEN | Generator | Alternator |
| GND | Ground | Ground (GND) |
| HO2S | Heated Oxygen Sensor | Heated Oxygen Sensor ($HO_2S$) |

| | | |
|---|---|---|
| IAC | Idle Air Control | Idle Speed Control (ISC) |
| IAT | Intake Air Temperature | Intake or Inlet Air Temperature |
| ICM | Ignition Control Module | – |
| IFI | Indirect Fuel Injection | Indirect Injection (IDL) |
| IFS | Inertia Fuel–Shutoff | – |
| ISC | Idle Speed Control | – |
| KS | Knock Sensor | Knock Sensor |
| MAF | Mass Air Flow | Air Flow Meter |
| MAP | Manifold Absolute Pressure | Manifold Pressure<br>Intake Vacuum |
| MC | Mixture Control | Electric Bleed Air Control Valve (EBCV)<br>Mixture Control Valve (MCV)<br>Electric Air Control Valve (EACV) |
| MDP | Manifold Differential Pressure | – |
| MFI | Multiport Fuel Injection | Electronic Fuel Injection (EFI) |
| MIL | Malfunction Indicator Lamp | Check Engine Lamp |
| MST | Manifold Surface Temperature | – |
| MVZ | Manifold Vacuum Zone | – |
| NVRAM | Non–Volatile Random Access Memory | – |
| O2S | Oxygen Sensor | Oxygen Sensor, $O_2$ Sensor ($O_2S$) |
| OBD | On–Board Diagnostic | On–Board Diagnostic System (OBD) |
| OC | Oxidation Catalytic Converter | Oxidation Catalyst Convert (OC), CCo |
| OP | Open Loop | Open Loop |
| PAIR | Pulsed Secondary Air Injection | Air Suction (AS) |
| PCM | Powertrain Control Module | – |
| PNP | Park/Neutral Position | – |
| PROM | Programmable Read Only Memory | – |
| PSP | Power Steering Pressure | – |
| PTOX | Periodic Trap Oxidizer | Diesel Particulate Filter (DPF)<br>Diesel Particulate Trap (DPT) |
| RAM | Random Access Memory | Random Access Memory (RAM) |
| RM | Relay Module | – |
| ROM | Read Only Memory | Read Only Memory (ROM) |
| RPM | Engine Speed | Engine Speed |
| SC | Supercharger | Supercharger |
| SCB | Supercharger Bypass | E–ABV |
| SFI | Sequential Multiport Fuel Injection | Electronic Fuel Injection (EFI), Sequential Injection |
| SPL | Smoke Puff Limiter | – |
| SRI | Service Reminder Indicator | – |
| SRT | System Readiness Test | – |
| ST | Scan Tool | – |
| TB | Throttle Body | Throttle Body |
| TBI | Throttle Body Fuel Injection | Single Point Injection<br>Central Fuel Injection (Ci) |
| TC | Turbocharger | Turbocharger |
| TCC | Torque Converter Clutch | Torque Converter |
| TCM | Transmission Control Module | Transmission ECU, ECT ECU |

| | | |
|---|---|---|
| TP | Throttle Position | Throttle Position |
| TR | Transmission Range | – |
| TVV | Thermal Vacuum Valve | Bimetallic Vacuum Switching Valve (BVSV)<br>Thermostatic Vacuum Switching Valve (TVSV) |
| TWC | Three–Way Catalytic Converter | Three–Way Catalytic (TWC)<br>Manifold Converter<br>$CC_{RO}$ |
| TWC+OC | Three–Way + Oxidation Catalytic Converter | $CC_R$ + CCo |
| VAF | Volume Air Flow | Air Flow Meter |
| VR | Voltage Regulator | Voltage Regulator |
| VSS | Vehicle Speed Sensor | Vehicle Speed Sensor |
| WOT | Wide Open Throttle | Full Throttle |
| WU–OC | Warm Up Oxidation Catalytic Converter | – |
| WU–TWC | Warm Up Three–Way Catalytic Converter | – |
| 3GR | Third Gear | – |
| 4GR | Fourth Gear | – |