

## 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<br>( )—ABBREVIATIONS   |
|----------------------|---|---|
| A/C                  | Air Conditioning  | Air Conditioner   |
| ACL                  | Air Cleaner   | Air Cleaner   |
| AIR                  | Secondary Air Injection   | Air Injection (AI)  |
| AP                   | Accelerator Pedal   | —   |
| B+                   | Battery Positive Voltage  | +B, Battery Voltage   |
| BARO                 | Barometric Pressure   | —   |
| 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  | —   |
| DFI                  | Direct Fuel Injection (Diesel)  | Direct Injection (DI)   |
| DI                   | Distributor Ignition  | —   |
| DLC1<br>DLC2<br>DLC3 | Data Link Connector 1<br>Data Link Connector 2<br>Data Link Connector 3 | 1: Check Connector<br>2: Total Diagnosis Communication Link (TDCL)<br>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),<br>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   | Distributorless Ignition (DI)   |
| 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)  |

## INTRODUCTION – TERMS

|       |                                      |   |
|-------|--------------------------------------|---|
| HO2S  | Heated Oxygen Sensor                 | Heated Oxygen Sensor (HO2S)   |
| 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  |
| 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   | Multipoint Fuel Injection            | Electronic Fuel Injection (EFI)   |
| MIL   | Malfunction Indicator Lamp           | Check Engine Light  |
| MST   | Manifold Surface Temperature         | –   |
| MVZ   | Manifold Vacuum Zone                 | –   |
| NVRAM | Non–Volatile Random Access Memory    | –   |
| O2S   | Oxygen Sensor                        | Oxygen Sensor, O <sub>2</sub> Sensor (O <sub>2</sub> S)   |
| OBD   | On–Board Diagnostic                  | On–Board Diagnostic (OBD)   |
| OC    | Oxidation Catalytic Converter        | Oxidation Catalyst Converter (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                  | –   |
| SFI   | Sequential Multipoint 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 (Electronic Control Unit)   |
| 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>CC <sub>RO</sub>  |
| TWC+OC | Three-Way + Oxidation Catalytic Converter | CC <sub>R</sub> + CCo  |
| VAF    | Volume Air Flow                           | Air Flow Meter   |
| VR     | Voltage Regulator                         | Voltage Regulator  |
| VSS    | Vehicle Speed Sensor                      | Vehicle Speed Sensor (Reed Switch Type)  |
| WOT    | Wide Open Throttle                        | Full Throttle  |
| WU-OC  | Warm Up Oxidation Catalytic Converter     | –  |
| WU-TWC | Warm Up Three-Way Catalytic Converter     | Manifold Converter   |
| 3GR    | Third Gear                                | –  |
| 4GR    | Fourth Gear                               | –  |