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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	Battery Voltage (+B)
BARO	Barometric Pressure	High Altitude Compensator (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
СРР	Clutch Pedal Position	-
СТОХ	Continuous Trap Oxidizer	-
СТР	Closed Throttle Position	LL ON, Idle ON
DFI	Direct Fuel Injection	Direct Injection (D/INJ)
DI	Distributor Ignition	-
DLC1	Data Link Connector 1	1: Check Connector
DLC2	Data Link Connector 2	2: Total Diagnosis Communication Link (TDCL)
DLC3	Data Link Connector 3	3: OBD II Diagnostic Connector
DTC	Diagnostic Trouble Code	Diagnostic Trouble Code
DTM	Diagnostic Test Mode	-
ECL	Engine Coolant 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)
El	Electronic Ignition	Distributorless Ignition (DLI)
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

Heated Oxygen Sensor			
IAT Intake Air Temperature Intake or Intel Air Temperature Common	HO2S	Heated Oxygen Sensor	Heated Oxygen Sensor (HO ₂ S)
CM	IAC	Idle Air Control	Idle Speed Control (ISC)
FT	IAT	Intake Air Temperature	Intake or Inlet Air Temperature
IFS	ICM	Ignition Control Module	-
ISC Ide Speed Control KS Knock Sensor Knock Sensor Knock Sensor Knock Sensor Knock Sensor MAF Mass Airlow Mar Mass Airlow Monifold Absolute Pressure Monifold Pressure Intake Vacuum Electric Bleed Air Control Valve (EBCV) Muture Control Mixture Control Mixture Control Mixture Control Mixture Control Valve (EBCV) Electric Air Control Valve (EBCV) Mixture Control Valve (EBCV) Electric Rain Control Valve (EBCV) Electric Rain Control Valve (EBCV) Mixture Control Valve (EBCV) Electric Rain (EBCV) Electric Rain (Electrolic Pel Injection (EPI) Sequential File (CDF) Diesel Particulate File (EDF) Diesel Particulate File (EDF) Diesel Particulate File (EDF) Diesel Particulate Filet (EDF) Diesel Particulate Filet (EDF) Diesel Particulate File	IFI	Indirect Fuel Injection	Indirect Injection (IDL)
KS Knock Sensor Knock Sensor Ar Flow Meter MAP Mass Artflow Ar Flow Meter MAP Manifold Absolute Pressure Manifold Pressure intake Vacuum Electric Bleed Air Control Valve (EBCV)	IFS	Inertia Fuel-Shutoff	-
MAF Mass Airflow Air Flow Meter MAP Manifold Absolute Pressure Manifold Pressure Intake Vacuum MC Electric Bleed Air Control Valve (EBCV) Mixture Control Mixt	ISC	Idle Speed Control	-
MAP Manifold Absolute Pressure Manifold Pressure Intake Vacuum MC Mixture Control Mixture Control Valve (MCV) Electric Bleed Air Control Valve (MCV) Electric Bleed Air Control Valve (MCV) Electric Air Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Mixture Control Valve (ERCV) Flectric Air Control Valve (ERCV) Mixture Control Valve (ERCV) Flectron Centrol Flectron Flectron Centrol Flectron Flectron Centrol Flectron Flectron Centrol Flectron Mixture Control Valve (ERCV) Mixture Control Flectron Flectron Centrol Flectron Flect	KS	Knock Sensor	Knock Sensor
MC Mixture Control Mixture Control Mixture Control Valve (MCV) MICP Manifold Differential Pressure	MAF	Mass Airflow	Air Flow Meter
MC Mixture Control Mixture Control Valve (MCV) Electric Air Control Valve (EACV) MDP Manifold Differential Pressure	MAP	Manifold Absolute Pressure	Manifold Pressure Intake Vacuum
MFI Multiport Fuel Injection Electronic Fuel Injection (EFI) MIL Malfunction Indicator Lamp Check Engine Lamp MST Manifold Surface Temperature – MVZ Manifold Vacuum Zone – MVRAM Non-Volatile Random Access Memory – O2S Oxygen Sensor Oxygen Sensor (O ₂ S) OBD On-Board Diagnostic On-Board Diagnostic System (OBD) OL Oxidation Catalytic Converter Oxidation Catalytic Converter for Oxidation (CCo) OP Open Loop 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) Diesel Particulate Trap (DPT) RAM Random Access Memory Random Access Memory (RAM) RM Read	MC	Mixture Control	Mixture Control Valve (MCV)
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 ₂ S) OBD On-Board Diagnostic On-Board Diagnostic System (OBD) OL Oxidation Catalytic Converter Oxidation Catalyst Convert (OC) Catalytic Converter for Oxidation (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 – PFOX Periodic Trap Oxidizer Diesel Particulate Fiter (DPF) PTOX Periodic Trap Oxidizer 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 Spe	MDP	Manifold Differential Pressure	-
MST Manifold Surface Temperature — MVZ Manifold Vacuum Zone — NVRAM Non-Volatile Random Access Memory — O2S Oxygen Sensor Oxygen Sensor, O ₂ Sensor (O ₂ S) OBD On-Board Diagnostic On-Board Diagnostic System (OBD) OL Oxidation Catalytic Converter Oxidation Catalytic Converter (OC) Catalytic Converter for Oxidation (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 — PFOX Periodic Trap Oxidizer Diesel Particulate Filter (DPF) Diesel Particulate Trap (DPT) Periodic Trap Oxidizer 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 S	MFI	Multiport Fuel Injection	Electronic Fuel Injection (EFI)
MVZ Manifold Vacuum Zone — NVRAM Non-Volatile Random Access Memory — O2S Oxygen Sensor Oxygen Sensor, O ₂ Sensor (O ₂ S) OBD On-Board Diagnostic On-Board Diagnostic System (OBD) OL Oxidation Catalytic Converter Oxidation Catalytic Converter (OC)	MIL	Malfunction Indicator Lamp	Check Engine Lamp
NYRAM Non-Volatile Random Access Memory — Oxygen Sensor, O ₂ Sensor (O ₂ S) Oxygen Sensor Oxygen Sensor, O ₂ Sensor (O ₂ S) OBD On-Board Diagnostic On-Board Diagnostic System (OBD) OL Oxidation Catalytic Converter Oxidation Catalytic Converter Oxidation Catalytic Converter for Oxidation (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) Diesel Particulate Trap (DPT) PRAM 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 Supercharger SCB Supercharger Supercharger SCB Supercharger Supercharger SCB Supercharger Bypass Electronic Air Bypass Valve (E-ABV) SFI Sequential Multiport Fuel Injection Electronic Fuel Injection (EFI), Sequential Injection SPL Smoke Puff Limiter — — SRT System Readiness Test — — Throttle Body Fuel Injection Central Fuel Injection (Ci)	MST	Manifold Surface Temperature	-
O2S Oxygen Sensor Oxygen Sensor, O ₂ Sensor (O ₂ S) OBD On-Board Diagnostic On-Board Diagnostic System (OBD) OL Oxidation Catalytic Converter Oxidation Catalyst Convert (OC) Catalytic Converter for Oxidation (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) Diesel Particulate Trap (DPT) RAM Random Access Memory Random Access Memory (RMM) RM Relay Module — ROM Read Only Memory Read Only Memory (ROM) RPM Engine Speed Engine Speed SC Supercharger Supercharger SCB Supercharger Bypass Electronic Air Bypass Valve (E-ABV) SFI Sequential Multiport Fuel Injection Electronic Fuel Injection (EFI), Sequential Injection <t< td=""><td>MVZ</td><td>Manifold Vacuum Zone</td><td>-</td></t<>	MVZ	Manifold Vacuum Zone	-
OBD On-Board Diagnostic On-Board Diagnostic System (OBD) OL Oxidation Catalytic Converter Oxidation Catalytic Converter Oxidation Catalytic Converter Oxidation (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) Diesel Particulate Trap (DPT) RAM Random Access Memory Random Access Memory (RAM) RM Relay Module - ROM Read Only Memory Read Only Memory Read Only Memory (ROM) RPM Engine Speed Engine Speed SC Supercharger Supercharger Supercharger SCB Supercharger Supercharger Supercharger SCB Supercharger Bypass Electronic Air Bypass Valve (E-ABV) SFI Sequential Multiport Fuel Injection Electronic Fuel Injection (EFI), Sequential Injection SRT System Readiness Test - SCB Super Readiness Test - TB Throttle Body Fuel Injection Central Fuel Injection (Ci)	NVRAM	Non-Volatile Random Access Memory	-
OL Oxidation Catalytic Converter Oxidation Catalytic Converter Oxidation (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 Diesel Particulate Filter (DPF) Diesel Particulate Titler (DPT) RAM Random Access Memory Random Access Memory (RAM) RM Relay Module - ROM Read Only Memory Read Only Memory Read Only Memory (ROM) RPM Engine Speed Engine Speed SC Supercharger Supers Electronic Air Bypass Valve (E-ABV) SFI Sequential Multiport Fuel Injection Electronic Fuel Injection (EFI), Sequential Injection SRT System Readiness Test TB Throttle Body Fuel Injection Single Point Injection Central Fuel Injection (Ci)	O2S	Oxygen Sensor	Oxygen Sensor, O ₂ Sensor (O ₂ S)
OL Oxidation Catalytic Converter Catalytic Converter For Oxidation (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) 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 Supercharger SCB Supercharger Bypass Electronic Air Bypass Valve (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 Throttle Body Fuel Injection Central Fuel Injection (CI)	OBD	On–Board Diagnostic	On–Board Diagnostic System (OBD)
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) 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 Supercharger Supercharger SCB Supercharger Bypass Electronic Air Bypass Valve (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 — Throttle Body Fuel Injection Central Fuel Injection (Central Fu	OL	Oxidation Catalytic Converter	
PCM Powertrain Control Module — — — — — — — — — — — — — — — — — — —	OP	Open Loop	Open Loop
PNP Park/Neutral Position — PROM Programmable Read Only Memory — PSP Power Steering Pressure — Diesel Particulate Filter (DPF) 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 Supercharger Electronic Air Bypass Valve (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 — Throttle Body Fuel Injection Central Fuel Injection (Ci)	PAIR	Pulsed Secondary Air Injection	Air Suction (AS)
PROM Programmable Read Only Memory PSP Power Steering Pressure PTOX Periodic Trap Oxidizer PTOX PAM Particulate Filter (DPF) Diesel Particulate Filter (DPF) Diese	PCM	Powertrain Control Module	-
PSP Power Steering Pressure — Diesel Particulate Filter (DPF) 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 Supercharger SCB Supercharger Bypass Electronic Air Bypass Valve (E-ABV) SFI Sequential Multiport Fuel Injection Electronic Fuel Injection (EFI), Sequential Injection SPL Smoke Puff Limiter — — SRI Service Reminder Indicator — — ST Scan Tool — — Throttle Body Throttle Body Fuel Injection Central Fuel Injection (Central Fuel Injecti	PNP	Park/Neutral Position	-
PTOX Periodic Trap Oxidizer Diesel Particulate Filter (DPF) Diesel Particulate Trap (DPT) RAM Random Access Memory Random Access Memory (RAM) RM Relay Module	PROM	Programmable Read Only Memory	-
Periodic Trap Oxidizer 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 Supercharger Supercharger Supercharger Sequential Multiport Fuel Injection Electronic Air Bypass Valve (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 Throttle Body Throttle Body Throttle Body Throttle Body Fuel Injection Central Fuel Injection (Ci)	PSP	Power Steering Pressure	-
RM Relay Module — — — — — — — — — — — — — — — — — — —	PTOX	Periodic Trap Oxidizer	
ROM Read Only Memory Read Only Memory (ROM) RPM Engine Speed Engine Speed SC Supercharger Supercharger SCB Supercharger Bypass Electronic Air Bypass Valve (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 Throttle Body Fuel Injection Single Point Injection (Ci)	RAM	Random Access Memory	Random Access Memory (RAM)
RPM Engine Speed Engine Speed SC Supercharger Supercharger SCB Supercharger Bypass Electronic Air Bypass Valve (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 Throttle Body Fuel Injection Central Fuel Injection (Ci)	RM	Relay Module	-
SC Supercharger SCB Supercharger Bypass Electronic Air Bypass Valve (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 - Throttle Body Throttle Body Throttle Body Fuel Injection Central Fuel Injection (Ci)	ROM	Read Only Memory	Read Only Memory (ROM)
SCB Supercharger Bypass Electronic Air Bypass Valve (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 Throttle Body Throttle Body Fuel Injection Central Fuel Injection (Ci)	RPM	Engine Speed	Engine Speed
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 Throttle Body Throttle Body Fuel Injection Single Point Injection (Ci)	sc	Supercharger	Supercharger
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 (Ci)	SCB	Supercharger Bypass	Electronic Air Bypass Valve (E-ABV)
SRI Service Reminder Indicator – SRT System Readiness Test – ST Scan Tool – TB Throttle Body Throttle Body Single Point Injection Central Fuel Injection (Ci)	SFI	Sequential Multiport Fuel Injection	Electronic Fuel Injection (EFI), Sequential Injection
SRT System Readiness Test - ST Scan Tool - TB Throttle Body Throttle Body Throttle Body Fuel Injection Single Point Injection Central Fuel Injection (Ci)	SPL	Smoke Puff Limiter	-
ST Scan Tool — TB Throttle Body Throttle Body Throttle Body Fuel Injection Single Point Injection Central Fuel Injection (Ci)	SRI	Service Reminder Indicator	-
TB Throttle Body Throttle Body TBI Throttle Body Fuel Injection Single Point Injection Central Fuel Injection (Ci)	SRT	System Readiness Test	-
TBI Throttle Body Fuel Injection Single Point Injection Central Fuel Injection (Ci)	ST	Scan Tool	-
Throttle Body Fuel Injection Central Fuel Injection (Ci)	ТВ	Throttle Body	Throttle Body
TC Turbocharger Turbocharger	ТВІ	Throttle Body Fuel Injection	
	TC	Turbocharger	Turbocharger

INTRODUCTION - TERMS

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) Thermostatic Vacuum Switching Valve (TVSV)
TWC	Three–Way Catalytic Converter	Three–Way Catalytic (TWC) Manifold Converter CC _{RO}
TWC+OC	Three–Way + Oxidation Catalytic Converter	CC _R + CCo
VAF	Volume Airflow	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	-