

2012 - Mazda6 - General Information

SAE STANDARDS

- In accordance with new regulations, SAE (Society of Automotive Engineers) standard names and abbreviations are now used in this manual. The table below lists the names and abbreviations that have been used in Mazda manuals up to now and their SAE equivalents.

SAE Standard		Remark	SAE Standard		Remark
Abbreviation	Name		Abbreviation	Name	
AP	Accelerator Pedal		MIL	Malfunction Indicator Lamp	
APP	Accelerator Pedal Position		MAP	Manifold Absolute Pressure	
ACL	Air Cleaner		MAF sensor	Mass Air Flow Sensor	
A/C	Air Conditioning		MFI	Multiport Fuel Injection	
A/F sensor	Air Fuel Ratio Sensor		OBD	On-board Diagnostic System	
BARO	Barometric Pressure		OL	Open Loop	
B+	Battery Positive Voltage		OC	Oxidation Catalytic Converter	
CMP sensor	Camshaft Position Sensor		O2S	Oxygen sensor	
CAC	Charge Air Cooler		PNP	Park/Neutral Position	
CLS	Closed Loop System		PSP	Power Steering Pressure	
CTP	Closed Throttle Position		PCM	Powertrain Control Module	#3
CPP	Clutch Pedal Position		PAIR	Pulsed Secondary Air Injection	Pulsed injection
CIS	Continuous Fuel Injection System				

CKP sensor	Crankshaft Position Sensor				
DLC	Data Link Connector		AIR	Secondary Air Injection	Injection with air pump
DTM	Diagnostic Test Mode	#1			
DTC	Diagnostic Test Code(s)		SAPV	Secondary Air Pulse Valve	
DI	Distributor Ignition		SFI	Sequential Multiport Fuel Injection	
DLI	Distributorless Ignition				
EI	Electronic Ignition	#2	3GR	Third Gear	
ECT	Engine Coolant Temperature		TWC	Three Way Catalytic Converter	
EM	Engine Modification		TB	Throttle Body	
EVAP	Evaporative Emission		TP sensor	Throttle Position Sensor	
EGR	Exhaust Gas Recirculation		TCC	Torque Converter Clutch	
FC	Fan Control		TCM	Transmission (Transaxle) Control Module	
FF	Flexible Fuel				
4GR	Fourth Gear		TR	Transmission (Transaxle) Range	
GEN	Generator		TC	Turbocharger	
GND	Ground		VSS	Vehicle Speed Sensor	
HO2S	Heated Oxygen Sensor	With heater	VR	Voltage Regulator	
			VAF sensor	Volume Air Flow Sensor	
IAC	Idle Air Control		WU-TWC	Warm Up Three Way Catalytic Converter	#4
IAT	Intake Air Temperature				
KS	Knock Sensor		WOT	Wide Open Throttle	

- #1: Diagnostic trouble codes depend on the diagnostic test mode.
- #2: Controlled by the PCM
- #3: Device that controls engine and powertrain
- #4: Directly connected to exhaust manifold

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