

# OBD II TROUBLE CODES

## HOW TO READ TROUBLE CODES:

**P 0 1 2 3**  
**(a) (b) (c) (d) (e)**

**(a)**

P: Powertrain  
 B: Body  
 C: Chassis  
 U: Unidentified or Network

**(b)**

0, 1, 2 or 3

**(c)**

1 - Fuel & Air Metering  
 2 - Fuel & Air Metering (Injector)  
 3 - Ignition System or Misfire  
 4 - Auxiliary Emission Controls  
 5 - Vehicle Speed & Idle Control System  
 6 - Computer Output Circuit  
 7 - Transmission  
 8 - Transmission  
 9 - Reserved  
 0 - Reserved

**(d) + (e)**

Specific Fault (00 - 99)

**(a) + (b)**

**POWERTRAIN CODES:**

P0xxx - Generic (SAE)  
 P1xxx - Manufacturer Specific  
 P2xxx - Generic (SAE)  
 P30xx-P33xx - Manufacturer Specific  
 P34xx-P39xx - Generic (SAE)

**BODY CODES:**

B0xxx - Generic (SAE)  
 B1xxx - Manufacturer Specific  
 B2xxx - Manufacturer Specific  
 B3xxx - Generic (SAE)

**CHASSIS CODES:**

C0xxx - Generic (SAE)  
 C1xxx - Manufacturer Specific  
 C2xxx - Manufacturer Specific  
 C3xxx - Generic (SAE)

**UNIDENTIFIED OR NETWORK CODES:**

U0xxx - Generic (SAE)  
 U1xxx - Manufacturer Specific  
 U2xxx - Manufacturer Specific  
 U3xxx - Generic (SAE)

## ABBREVIATIONS:

A/C	Air Conditioning	MAP	Manifold Absolute Pressure
AWD	All Wheel Drive	MIL	Malfunction Indicator Lamp
B+	Battery Positive voltage	N	Neutral
BARO	Barometric Pressure	NOx	Nitric Oxides (Emission)
CAN	Controller Area Network	OBD	On-Board Diagnostic
DTC	Diagnostic Trouble Code	O2S	Oxygen Sensor
ECU	Engine/Electronic Control Unit	P	Park
ECM	Engine/Electronic Control Module	PCM	Powertrain Control Module
EEPROM	Electrically Erasable/Programmable ROM	PRNDL	Park/Reverse/Neutral/Drive/Low
EGR	Exhaust Gas Recirculation	RAM	Random Access Memory
EVAP	Fuel Evaporative Emission Control	ROM	Read Only Memory
GND	Ground	TCM	Transmission Control Module
HO2S	Heated Oxygen Sensor	VSS	Vehicle Speed Sensor
L	Litre(s)	w/	With
KAM	Keep Alive Memory	w/o	Without
MAF	Mass Airflow		