



# GM OBD1 TROUBLE CODES LIST

Compiled by **OBDCodeX**



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Code	Definition	Causes
<b>Code 12</b>	System OK ( Diagnosis mode active )	
<b>Code 13</b>	Oxygen O2 Sensor	Circuit open/no activity
<b>Code 14</b>	Coolant Temperature sensor	Resistance too high or shorted circuit
<b>Code 15</b>	Coolant Temperature Sensor	Circuit low or open
<b>Code 16</b>	Direct ignition system (DIS)	Faulty circuit / shorted circuit
<b>Code 17</b>	Camshaft Position Sensor	Circuit/timing error
<b>Code 18</b>	Camshaft or Crankshaft	Sensor/circuit/timing error
<b>Code 19</b>	Crankshaft sensor	Sensor/circuit/timing error
<b>Code 21</b>	Throttle position sensor	Out of range/Performance
<b>Code 22</b>	Throttle position sensor	Low Voltage
<b>Code 23</b>	Intake Air temp sensor	Out of range, low resistance
<b>Code 24</b>	Vehicle speed sensor	Circuit fault
<b>Code 25</b>	Intake Air temp sensor	Out of range, high resistance
<b>Code 26</b>	QDM A ( Quad-driver module )	Circuit #1 fault
<b>Code 27</b>	QDM A ( Quad-driver module )	2nd gear circuit

Code	Definition	Causes
<b>Code 28</b>	QDM A ( Quad-driver module )	Circuit #2 fault
<b>Code 29</b>	QDM A ( Quad driver module )	4th gear circuit
<b>Code 31</b>	Wastegate solenoid	Circuit fault
<b>Code 32</b>	EGR ( Exhaust Gas Recirculation )	Circuit fault
<b>Code 33</b>	Manifold Air Pressure Sensor	Signal out of range, high resistance
<b>Code 34</b>	Manifold Air Pressure Sensor	Signal out of range, low resistance
<b>Code 35</b>	Idle air control valve / Sensor	Circuit fault
<b>Code 36</b>	Ignition system	Circuit error/fault
<b>Code 37</b>	TCC brake switch	Circuit fault
<b>Code 38</b>	Brake input ( Brake switch sensor )	Circuit fault
<b>Code 39</b>	Clutch input ( Clutch sensor )	Circuit fault
<b>Code 41</b>	Camshaft sensor	Circuit fault or ignition control or circuit fault/error (depending on the car model)
<b>Code 42</b>	EST (Electronic spark timing)	Circuit grounded/shorted

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<b>Code 43</b>	Knock sensor / Electronic spark control	Circuit fault error (depending on the car model)
<b>Code 44</b>	Oxygen O2 sensor - Lean Mixture	Circuit fault
<b>Code 45</b>	Oxygen O 2sensor - Rich Mixture	Circuit fault
<b>Code 46</b>	Pass-key II	Circuit or power steering pressure switch - circuit fault error (depending on the car model)
<b>Code 47</b>	PCM data	Circuit error/fault
<b>Code 48</b>	Misfire (diagnosis)	
<b>Code 51</b>	Calibration error	Mem-cal, ECM, or EPROM failure
<b>Code 52</b>	Engine oil temperature circuit	Low temperature indicated / circuit error
<b>Code 53</b>	Battery voltage	Low/high/error or Egr valve solenoid 1 or circuit error (depending on the car model )
<b>Code 54</b>	Fuel Pump	Circuit error or Egr valve solenoid 2 or Circuit error (depending on the car model )
<b>Code 57</b>	Boost control	Error / Faulty

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<b>Code 58</b>	Vehicle anti-theft system ( VATS )	Circuit faulty
<b>Code 59</b>	Trans fluid temp sensor	Circuit error (high voltage)
<b>Code 61</b>	AC (Air conditioning) system performance or degraded oxygen sensor signal	Error / Faulty
<b>Code 62</b>	Engine oil temperature sensor	High temperature indicated
<b>Code 63</b>	Oxygen O2 sensor right side	Circuit open or MAP (manifold air pressure sensor ) - out of range (depending on the car model )
<b>Code 64</b>	Oxygen O2 sensor right side	Lean mixture indicated
<b>Code 65</b>	Oxygen O2 sensor right side	Rich mixture indicated
<b>Code 66</b>	A/C (Air conditioning ) pressure sensor	Circuit low pressure
<b>Code 67</b>	A/C (Air conditioning ) pressure sensor	Circuit or a/c clutch - circuit failure (depending on the car model)
<b>Code 68</b>	A/C (Air conditioning ) compressor relay	Circuit failure error
<b>Code 69</b>	A/C (Air conditioning ) clutch	Circuit/pressure high

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<b>Code 70</b>	A/C (Air conditioning ) refrigerant pressure	Circuit high
<b>Code 71</b>	A/C (Air conditioning ) evaporator temperature sensor	Circuit low
<b>Code 72</b>	Gear selector switch	Circuit error/fault
<b>Code 73</b>	A/C (Air conditioning) Evaporator temperature	Circuit high
<b>Code 75</b>	Digital EGR #2	Solenoid error/faulty
<b>Code 76</b>	Digital EGR #3	Solenoid error/faulty
<b>Code 77</b>	Digital EGR #1	Solenoid error/faulty
<b>Code 79</b>	Vehicle speed sensor (VSS)	Circuit signal high resistance
<b>Code 80</b>	Vehicle speed sensor (VSS)	Circuit signal low resistance
<b>Code 81</b>	Brake input data	Circuit faulty
<b>Code 82</b>	Ignition control (IC) 3X	Signal error/faulty circuit
<b>Code 85</b>	PROM	Error/faulty circuit
<b>Code 86</b>	Analog/digital	PCM error /faulty circuit
<b>Code 87</b>	EPROM	Error / faulty circuit
<b>Code 90</b>	TCC error	Error / faulty circuit

Code	Definition	Causes
<b>Code 93</b>	Transmission pressure control solenoid	Circuit error/fault
<b>Code 96</b>	Transmission system voltage low	Error / faulty circuit
<b>Code 98</b>	Invalid PCM program	Error / faulty circuit
<b>Code 99</b>	Invalid PCM program	Error / faulty circuit