

MI (aka Check Engine or MIL) codes (read without Scan Tools***)

MI	P-codes****	ON-BOARD DIAGNOSTIC ITEM definition
11 ¹	P0130 ¹	Oxygen (O ₂)sensor (http://alflash.narod.ru/o-2.htm)
11	P0335 P1390 P1391 p1398	-No Crankshaft Reference Signal At PCM -Timing Belt Skipped One Tooth Or More -Intermittent Loss Of CMP Or CKP -Misfire Adaptive Numerator At Limit
12		Air flow sensor (http://alflash.narod.ru/MAFmmc.htm)
13	P0110 ¹	Intake temperature sensors (http://alflash.narod.ru/MAFmmc.htm)
13	P1297	No Change in MAP from Start to Run
14	P0120 ¹	Throttle position sensor TPS (image I - http://alflash.narod.ru/MMC/413.jpg , image II - http://alflash.narod.ru/MMC/TBmmc1.jpg)
14	P0107, P0108, P1296	MAP Sensor Voltage (http://alflash.narod.ru/MMC/map2.jpg)
14	P1496	5 Volt Supply Output Low
15		Idle speed control motor position sensor (http://alflash.narod.ru/IdleMMC.htm)
15	P0500	No VSS Signal
16		Power supply voltage
16	P0325	Knock Sensor No. 1 Circuit
17	P0125	Closed Loop Temperature Not Reached
18		Cranking signal (Ignition Switch - ST)
21	P0121 ¹	Engine coolant temperature sensor (http://alflash.narod.ru/MMC/ECTmmc.gif)
21	P0131, 0133, 0133, 0134, 0135,0137, 0138,0140,0141	Problem with Upstream and Downsteram HO2S
22	P0335 ¹	Crankshaft position sensor
22	P0117, 0118	ECT Sensor Voltage (http://alflash.narod.ru/MMC/ECTmmc.gif)
23		Camshaft position sensor
23	P0112, 0113,	IAT Sensor Voltage
24	P0500 ¹	Vehicle speed sensor
24 ¹	P0121, 0122, 0123,1295	TPS Voltage
25	P0105 ¹	Barometric pressure sensor (http://alflash.narod.ru/MAFmmc.htm)
25	P1294	Target Idle Not Reached
26	P0510 ¹	Closed throttle position switch
27	P0551 ¹	Power steering pressure switch
27	P0201,0202,0203,0204	Injector No. N Control Circuit
28		A/C switch
29		Park/Netral position switch
31		Knock sensor (http://alflash.narod.ru/Sus/KnockS.jpg)
31	P0441,0442,0443,0455,148 6	Problem with EVAP System
31	P1494 P1495	-LDP Switch/Mechanical Fault -LDP Solenoid Electrical Malfunction

MI MMC Diagnostic Trouble Codes** by al tech page
<http://alflash.narod.ru/>

32	P0401 P0403	-EGR System Failure -EGR Solenoid Circuit
32		Manifold absolute pressure sensor
34	P0100 ¹	Volume air flow sensor reset signal (http://alflash.narod.ru/MAFmmc.htm)
35	P1487,1489,1490	Problem with Radiator Fan Control Relay Circuit
36		Ignition timing adjustment signal (is not memorised)
37		Volumetric efficiency
37	P1899	Park/Neutral Switch (Transaxle Range Switch) Failure (A/T)
38		Crankshaft position sensor (reading possible below 2000 rpm)
39	P0150 ¹	Left bank heated oxygen sensor (Front)
41		Injectors failure (image for GDI - http://alflash.narod.ru/G74.htm)
42		Fuel pump
43		EGR-System: Valve, Solenoid, Vac, or Temp. Sensor
43	P0300,0301,0302,0303,0304 P0351	-Cylinder No. N Misfire -Ignition Coil No. N Primary Circuit.
44		Ignition coil, ignition power transistor unit failure
44	P1492,1493	Battery Temperature Sensor (!) Voltage High or Low
44*		
45		Idle air control position
45	P0700	EATX Controller DTC Present
47		Injectors
49		A/C compressor clutch relay
51	P0171	Fuel System Lean
52	P0172	Fuel System Rich
52		Ignition coil, ignition power transistor unit
53	P0600 P0601	-PCM Failure - SPI Communications -Internal Controller Failure
53	P0600 P0601	-PCM Failure - SPI Communications -Internal Controller Failure
53		Ignition coil, ignition power transistor unit
54	P0340	No Cam Signal At PCM
54*		
55		IAC Valve position sensor (Servo Valve Position Sensor)
56*		http://www.auto.ru/wwwboards/mitsubishi/0776/236030.shtml
58		
59	P0136 ¹	Heated Oxygen (O ₂) sensor (rear)
61		Transaxle torque reduction signal
61	P0106	Barometric Pressure Out Of Range
61*		
62		Induction control valve position sensor
62	P1697	PCM Failure - SRI Mile Not Stored
63	P1696	PCM Failure - EEPROM Write Denied
64	P0422	Catalytic Converter Efficiency Failure
64*		

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65	P0551	Power Steering Pressure Switch Failure
66*		
69	P0156 ¹	Oxygen (O ₂) sensor
71		Vacuum control solenoid valve (TRC)
72		Ventilation control solenoid valve (TRC)
73		Fuel tank pressure differential sensors
77*		
78*		
79*		
81	P0170 ¹	Long-term fuel compensation
82		Short-term fuel compensation
83		Long-term fuel compensation (Calif.)
84		Short-term fuel compensation (Calif.)
87		Calculation load
88	P0125 ¹	Fuel control condition
89*		Fuel control condition (abnormal fuel system)
91*		
92*		
94*		
95*		
95	P1400 ¹	Manifold differential pressure sensor (Image 1 - http://alflash.narod.ru/Sus/map.jpg , Image 2 - http://alflash.narod.ru/MMC/map2.jpg)
99*		
152	P0703	Stoplight Switch Circuit
Short pulse		Normal state

Note: Not all trouble codes are used on all models

for example, (1) - is actual for 1999 Diamante, etc.

* As for GDI-Engines (Courtesy Thomas Essemann).

** MMC have also and others definition for MIL-DTC (green - for a 1999 Vehicle)

*** MMC have correct procedure for read DTC (without Scan Tool) for OBDII-equipped vehicle when using the voltmeter or by the indicator's deflection (MIL or "Check Engine") for ABS, Heating & Air Conditioning, A/T, TRC, ECS, Cruise Control, Air Bag system's.

**** SAE (J2012) or Manufacturer's codes.