2012 - Mazda6 - Engine

DTC TABLE [MZI 3.7 V6]

DTC	Description	MIL	DC	Self-test type*3	Page
P0010:00	Variable valve timing actuator circuit open (RH)	ON	2	C, O, R	(See DTC P0010:00 [MZI 3.7 V6].)
P0011:00	CMP timing over-advanced (RH)	ON	2	C, R	(See DTC P0011:00 [MZI 3.7 V6].)
P0012:00	CMP timing over-retarded (RH)	ON	2	C, R	(See DTC P0012:00 [MZI 3.7 V6].)
P0016:00	CKP-CMP sensor (RH) correlation	ON	2	C, R	(See DTC P0016:00, P0018:00 [MZI 3.7 V6].)
P0018:00	CKP-CMP sensor (LH) correlation	ON	2	C	
P0020:00	CMP actuator circuit open (LH)	ON	2	C, O, R	(See DTC P0020:00 [MZI 3.7 V6].)
P0021:00	CMP timing over-advanced (LH)	ON	2	C, R	(See DTC P0021:00 [MZI 3.7 V6].)
P0022:00	CMP timing over-retarded (LH)	ON	2	C, R	(See DTC P0022:00 [MZI 3.7 V6].)
P0030:00	A/F sensor (RH) heater control circuit	ON	2	C, R	(See DTC P0030:00, P0050:00 [MZI 3.7 V6].)
P0040:00	A/F sensor (LH/RH) signals swapped	OFF	1	R	(See DTC P0040:00, P0041:00 [MZI 3.7 V6].)
P0041:00	HO2S (LH/RH) signals swapped	OFF	1	R	
P0050:00	A/F sensor (LH) heater control circuit	ON	2	C, R	(See DTC P0030:00, P0050:00 [MZI 3.7 V6].)
P0053:00	A/F sensor (RH) heater resistance	ON	2	C, O, R	(See DTC P0053:00, P0059:00 [MZI 3.7 V6].)
				C, O,	(See DTC P0054:00, P0060:00 [MZI 3.7

P0054:00	HO2S (RH) heater resistance	ON	2	R	**V6]**.)
P0059:00	A/F sensor (LH) heater resistance	ON	2	C, O, R	(See **DTC P0053:00, P0059:00 [MZI 3.7 V6]**.)
P0060:00	HO2S (LH) heater resistance	ON	2	C, O, R	(See **DTC P0054:00, P0060:00 [MZI 3.7 V6]**.)
P0068:00	MAP/MAF-throttle position correlation	ON	2	C, R	(See **DTC P0068:00 [MZI 3.7 V6]**.)
P0102:00	MAF circuit low input	ON*2	2	C, O, R	(See **DTC P0102:00 [MZI 3.7 V6]**.)
P0103:00	MAF circuit high input	ON*2	2	C, O, R	(See **DTC P0103:00 [MZI 3.7 V6]**.)
P0104:00	MAF circuit intermittent/erratic	OFF	1	C	(See **DTC P0104:00 [MZI 3.7 V6]**.)
P0111:00	IAT sensor circuit range/performance	ON	2	C, R	(See **DTC P0111:00 [MZI 3.7 V6]**.)
P0112:00	IAT sensor circuit low input	ON	2	C, O, R	(See **DTC P0112:00 [MZI 3.7 V6]**.)
P0113:00	IAT sensor circuit high input	ON	2	C, O, R	(See **DTC P0113:00 [MZI 3.7 V6]**.)
P0114:00	IAT sensor Intermittent/erratic	OFF	1	C, O, R	(See **DTC P0114:00 [MZI 3.7 V6]**.)
P0116:00	CHT sensor circuit range/performance	ON	2	C, R	(See **DTC P0116:00 [MZI 3.7 V6]**.)
P0122:00	TP sensor No.1 circuit low input	ON*2	2	C, O, R	(See **DTC P0122:00 [MZI 3.7 V6]**.)
P0123:00	TP sensor No.1 circuit high input	ON*2	2	C, O, R	(See **DTC P0123:00 [MZI 3.7 V6]**.)
P0128:00	Coolant thermostat (coolant temp below thermostat regulating temperature)	ON	2	C	(See **DTC P0128:00 [MZI 3.7 V6]**.)
P0131:00	A/F sensor (RH) low voltage	ON	2	C, R	(See **DTC P0131:00, P0151:00 [MZI 3.7 V6]**.)
					(See **DTC P0132:00, P0152:00 [MZI 3.7**

P0132:00	A/F sensor (RH) circuit high voltage	ON	2	C, R	V6].)
P0133:00	A/F sensor (RH) circuit slow response	ON	2	C, R	(See DTC P0133:00, P0153:00 [MZI 3.7 V6].)
P0135:00	A/F sensor (RH) heater circuit	ON	2	C, O, R	(See DTC P0135:00, P0155:00 [MZI 3.7 V6].)
P0137:00	HO2S (RH) circuit low voltage	ON	2	C, O, R	(See DTC P0137:00, P0157:00 [MZI 3.7 V6].)
P0138:00	HO2S (RH) circuit high voltage	ON	2	C, O, R	(See DTC P0138:00, P0158:00 [MZI 3.7 V6].)
P013A:00	HO2S (RH) slow response-rich to lean	ON	2	C, R	(See DTC P013A:00 [MZI 3.7 V6].)
P013C:00	HO2S (LH) slow response-rich to lean	ON	2	C	(See DTC P013C:00 [MZI 3.7 V6].)
P013E:00	HO2S (RH) delayed response-rich to lean	ON	2	C	(See DTC P013E:00 [MZI 3.7 V6].)
P0141:00	HO2S (RH) heater circuit	ON	2	C, O, R	(See DTC P0141:00, P0161:00 [MZI 3.7 V6].)
P0148:00	Fuel delivery error	OFF	1	C	(See DTC P0148:00 [MZI 3.7 V6].)
P014A:00	HO2S (LH) delayed response-rich to lean	ON	2	C	(See DTC P014A:00 [MZI 3.7 V6].)
P0151:00	A/F sensor (LH) low voltage	ON	2	C, O, R	(See DTC P0131:00, P0151:00 [MZI 3.7 V6].)
P0152:00	A/F sensor (LH) circuit high voltage	ON	2	C, R	(See DTC P0132:00, P0152:00 [MZI 3.7 V6].)
P0153:00	A/F sensor (LH) circuit slow response	ON	2	C	(See DTC P0133:00, P0153:00 [MZI 3.7 V6].)
P0155:00	A/F sensor (LH) heater circuit	ON	2	C, O, R	(See DTC P0135:00, P0155:00 [MZI 3.7 V6].)
P0157:00	HO2S (LH) circuit low voltage	ON	2	C, O, R	(See DTC P0137:00, P0157:00 [MZI 3.7 V6].)
				C, O,	(See DTC P0138:00, P0158:00 [MZI 3.7

P0158:00	HO2S (LH) circuit high voltage	ON	2	R	V6].)
P0161:00	HO2S (LH) heater circuit	ON	2	C, O, R	(See DTC P0141:00, P0161:00 [MZI 3.7 V6].)
P0171:00	System too lean (RH)	ON	2	C	(See DTC P0171:00, P0174:00 [MZI 3.7 V6].)
P0172:00	System too rich (RH)	ON	2	C	(See DTC P0172:00, P0175:00 [MZI 3.7 V6].)
P0174:00	System too lean (LH)	ON	2	C	(See DTC P0171:00, P0174:00 [MZI 3.7 V6].)
P0175:00	System too rich (LH)	ON	2	C	(See DTC P0172:00, P0175:00 [MZI 3.7 V6].)
P0201:00	Injector circuit/open—cylinder No.1	ON	2	C, O, R	(See DTC P0201:00 [MZI 3.7 V6].)
P0202:00	Injector circuit/open—cylinder No.2	ON	2	C, O, R	(See DTC P0202:00 [MZI 3.7 V6].)
P0203:00	Injector circuit/open—cylinder No.3	ON	2	C, O, R	(See DTC P0203:00 [MZI 3.7 V6].)
P0204:00	Injector circuit/open—cylinder No.4	ON	2	C, O, R	(See DTC P0204:00 [MZI 3.7 V6].)
P0205:00	Injector circuit/open—cylinder No.5	ON	2	C, O, R	(See DTC P0205:00 [MZI 3.7 V6].)
P0206:00	Injector circuit/open—cylinder No.6	ON	2	C, O, R	(See DTC P0206:00 [MZI 3.7 V6].)
P0217:00	Engine coolant over temperature condition	OFF	1	C, O, R	(See DTC P0217:00 [MZI 3.7 V6].)
P0219:00	Engine overspeed condition	OFF	1	C	(See DTC P0219:00 [MZI 3.7 V6].)
P0222:00	TP sensor No.2 circuit low input	ON*2	2	C, O, R	(See DTC P0222:00 [MZI 3.7 V6].)
P0223:00	TP sensor No.2 circuit high input	ON*2	2	C, O, R	(See DTC P0223:00 [MZI 3.7 V6].)
				C, O,	

P0230:00	Fuel pump primary circuit	OFF	1	R	(See **DTC P0230:00 [MZI 3.7 V6]**.)
P0231:00	Fuel pump secondary circuit low	OFF	1	C, O, R	(See **DTC P0231:00 [MZI 3.7 V6]**.)
P0232:00	Fuel pump secondary circuit high	OFF	1	C, O, R	(See **DTC P0232:00 [MZI 3.7 V6]**.)
P0297:00	Vehicle over speed condition	OFF	1	C	(See **DTC P0297:00 [MZI 3.7 V6]**.)
P0300:00	Random misfire detected	ON	2	C, R	(See **DTC P0300:00 [MZI 3.7 V6]**.)
P0301:00	Cylinder No.1 misfire detected	ON	2	C, R	(See **DTC P0301:00, P0302:00, P0303:00, P0304:00, P0305:00, P0306:00, P0316:00 [MZI 3.7 V6]**.)
P0302:00	Cylinder No.2 misfire detected	ON	2	C, R	
P0303:00	Cylinder No.3 misfire detected	ON	2	C, R	
P0304:00	Cylinder No.4 misfire detected	ON	2	C, R	
P0305:00	Cylinder No.5 misfire detected	ON	2	C	
P0306:00	Cylinder No.6 misfire detected	ON	2	C	
P0315:00	CKP system variation not learned	ON	2	C	(See **DTC P0315:00 [MZI 3.7 V6]**.)
P0316:00	Misfire detected on startup (first 1000 revolutions)	ON	2	C	(See **DTC P0301:00, P0302:00, P0303:00, P0304:00, P0305:00, P0306:00, P0316:00 [MZI 3.7 V6]**.)
P0320:00	Ignition/distributor engine speed input circuit	ON	2	C, R	(See **DTC P0320:00 [MZI 3.7 V6]**.)
P0325:00	KS circuit (RH)	OFF	1	C, R	(See **DTC P0325:00 [MZI 3.7 V6]**.)
P0330:00	KS circuit (LH)	OFF	1	C	(See **DTC P0330:00 [MZI 3.7 V6]**.)
P0340:00	CMP sensor (RH) circuit	ON	2	C, R	(See **DTC P0340:00 [MZI 3.7 V6]**.)
P0341:00	CMP sensor (RH) circuit-range/performance	OFF	1	C, R	(See **DTC P0341:00 [MZI 3.7 V6]**.)
P0344:00	CMP sensor (RH) circuit intermittent	ON	2	C, R	(See **DTC P0344:00 [MZI 3.7 V6]**.)
P0345:00	CMP sensor (LH) circuit	ON	2	C	(See **DTC P0345:00 [MZI 3.7 V6]**.)

P0346:00	CMP sensor (LH) circuit-range/performance	OFF	1	C	(See **DTC P0346:00 [MZI 3.7 V6]**.)
P0349:00	CMP sensor (LH) circuit intermittent	ON	2	C	(See **DTC P0349:00 [MZI 3.7 V6]**.)
P0351:00	Ignition coil No.1 primary/secondary circuit	ON	2	C, R	(See **DTC P0351:00, P0352:00, P0353:00, P0354:00, P0355:00, P0356:00 [MZI 3.7 V6]**.)
P0352:00	Ignition coil No.2 primary/secondary circuit	ON	2	C, R	
P0353:00	Ignition coil No.3 primary/secondary circuit	ON	2	C, R	
P0354:00	Ignition coil No.4 primary/secondary circuit	ON	2	C, R	
P0355:00	Ignition coil No.5 primary/secondary circuit	ON	2	C, R	
P0356:00	Ignition coil No.6 primary/secondary circuit	ON	2	C, R	
P0420:00	Catalyst system efficiency below threshold (RH)	ON	2	C	(See **DTC P0420:00, P0430:00 [MZI 3.7 V6]**.)
P0430:00	Catalyst system efficiency below threshold (LH)	ON	2	C	
P0442:00	Evaporative emission system leak detected (small leak)	ON	2	C	(See **DTC P0442:00, P0455:00, P0456:00 [MZI 3.7 V6]**.)
P0443:00	Purge solenoid valve circuit	ON	2	C, O, R	(See **DTC P0443:00 [MZI 3.7 V6]**.)
P0446:00	CV solenoid valve control circuit	ON	2	C, O, R	(See **DTC P0446:00 [MZI 3.7 V6]**.)
P0451:00	Fuel tank pressure sensor range/performance	ON	2	C, O, R	(See **DTC P0451:00 [MZI 3.7 V6]**.)
P0452:00	Fuel tank pressure sensor low input	ON	2	C, O, R	(See **DTC P0452:00 [MZI 3.7 V6]**.)
P0453:00	Fuel tank pressure sensor high input	ON	2	C, O, R	(See **DTC P0453:00 [MZI 3.7 V6]**.)

P0454:00	Fuel tank pressure sensor intermittent	ON	2	C	(See **DTC P0454:00 [MZI 3.7 V6]**.)
P0455:00	Evaporative emission system leak detected (gross leak/no flow)	ON	2	C	(See **DTC P0442:00, P0455:00, P0456:00 [MZI 3.7 V6]**.)
P0456:00*4	Evaporative emission system leak detected (very small leak)	ON	2	C	
P0457:00	Evaporative emission system leak detected (fuel cap loose/off)	ON*1	2	C	(See **DTC P0457:00 [MZI 3.7 V6]**.)
P0460:00	Fuel level sensor circuit	OFF	1	C, O, R	(See **DTC P0460:00 [MZI 3.7 V6]**.)
P0461:00	Fuel gauge sender unit range/performance problem	ON	2	C	(See **DTC P0461:00 [MZI 3.7 V6]**.)
P0462:00	Fuel gauge sender unit circuit low input	OFF	1	C, O, R	(See **DTC P0462:00 [MZI 3.7 V6]**.)
P0463:00	Fuel gauge sender unit circuit high input	OFF	1	C, O, R	(See **DTC P0463:00 [MZI 3.7 V6]**.)
P0480:00	Fan control circuit	OFF	1	C, O, R	(See **DTC P0480:00 [MZI 3.7 V6]**.)
P0504:00	Brake switch No.1/No.2 correlation	OFF*2	1	C	(See **DTC P0504:00 [MZI 3.7 V6]**.)
P0505:00	Idle speed control system problem	OFF	1	R	(See **DTC P0505:00 [MZI 3.7 V6]**.)
P0506:00	IAC system RPM lower than expected	ON	2	C, R	(See **DTC P0506:00 [MZI 3.7 V6]**.)
P0507:00	IAC system RPM higher than expected	ON	2	C, R	(See **DTC P0507:00 [MZI 3.7 V6]**.)
P050A:00	Cold start idle air control system performance	ON	2	C	(See **DTC P050A:00 [MZI 3.7 V6]**.)
P050B:00	Cold start ignition timing performance	ON	2	C	(See **DTC P050B:00 [MZI 3.7 V6]**.)
P050E:00	Cold start engine exhaust temperature out of range	ON	2	C	(See **DTC P050E:00 [MZI 3.7 V6]**.)
P0532:00	A/C refrigerant pressure sensor	OFF	1	C, O,	(See **DTC P0532:00 [MZI 3.7 V6]**.)

	circuit low			R	
P0533:00	A/C refrigerant pressure sensor circuit high	OFF	1	C, O, R	(See **DTC P0533:00 [MZI 3.7 V6]**.)
P0562:00	System voltage low	OFF	1	C, O, R	(See **DTC P0562:00 [MZI 3.7 V6]**.)
P0563:00	System voltage high	OFF	1	C, O, R	(See **DTC P0563:00 [MZI 3.7 V6]**.)
P0572:00	Brake switch A circuit low	OFF	1	C	(See **DTC P0572:00 [MZI 3.7 V6]**.)
P0573:00	Brake switch A circuit high	OFF	1	C	(See **DTC P0573:00 [MZI 3.7 V6]**.)
P0579:00	Cruise control multi-function input circuit range/performance	OFF	1	C	(See **DTC P0579:00 [MZI 3.7 V6]**.)
P0581:00	Cruise control multi-function input circuit high	OFF	1	C, O, R	(See **DTC P0581:00 [MZI 3.7 V6]**.)
P0600:00	Serial communication link	ON*2	2	C	(See **DTC P0600:00 [MZI 3.7 V6]**.)
P0602:00	PCM programming error	ON	2	C, O, R	(See **DTC P0602:00 [MZI 3.7 V6]**.)
P0603:00	PCM keep alive memory (KAM) error	ON	2	C, O	(See **DTC P0603:00 [MZI 3.7 V6]**.)
P0604:00	Internal control module random access memory (RAM) error	ON	2	C	(See **DTC P0604:00 [MZI 3.7 V6]**.)
P0605:00	Internal control module read only memory (ROM) error	ON	2	C, O	(See **DTC P0605:00 [MZI 3.7 V6]**.)
P0607:00	Control module performance	ON	2	C	(See **DTC P0607:00 [MZI 3.7 V6]**.)
P060A:00	Internal control module monitoring processor performance	ON*2	2	C	(See **DTC P060A:00, P060C:00, P061D:00 [MZI 3.7 V6]**.)
P060B:00	Internal control module A/D processing performance	ON*2	2	C	(See **DTC P060B:00 [MZI 3.7 V6]**.)
P060C:00	Internal control module main processor performance	ON*2	2	C	(See **DTC P060A:00, P060C:00, P061D:00 [MZI 3.7 V6]**.)
P0610:00	Control module vehicle options error	ON	2	C	(See **DTC P0610:00 [MZI 3.7 V6]**.)

P061A:00	Internal control module torque performance	OFF*2	1	C, R	(See **DTC P061A:00 [MZI 3.7 V6]**.)
P061B:00	Internal control module torque calculation performance	ON*2	2	C, R	(See **DTC P061B:00 [MZI 3.7 V6]**.)
P061C:00	Internal control module engine RPM performance	ON*2	2	C, R	(See **DTC P061C:00 [MZI 3.7 V6]**.)
P061D:00	Internal control module engine air mass performance	ON*2	2	C	(See **DTC P060A:00, P060C:00, P061D:00 [MZI 3.7 V6]**.)
P0620:00	Generator control circuit	OFF	1	C	(See **DTC P0620:00 [MZI 3.7 V6]**.)
P0625:00	Generator field terminal circuit low	OFF	1	C, R	(See **DTC P0625:00 [MZI 3.7 V6]**.)
P0626:00	Generator field terminal circuit high	OFF	1	C, R	(See **DTC P0626:00 [MZI 3.7 V6]**.)
P062F:00	Internal control module EEPROM error	OFF	1	C	(See **DTC P062F:00 [MZI 3.7 V6]**.)
P0642:00	Sensor reference voltage circuit low	OFF	1	C, O, R	(See **DTC P0642:00 [MZI 3.7 V6]**.)
P0643:00	Sensor reference voltage circuit high	OFF	1	C, O, R	(See **DTC P0643:00 [MZI 3.7 V6]**.)
P0645:00	A/C relay control circuit	OFF	1	C, O, R	(See **DTC P0645:00 [MZI 3.7 V6]**.)
P064D:00	Internal control module exhaust gas sensor processor performance (RH)	ON	2	C, O, R	(See **DTC P064D:00, P064E:00 [MZI 3.7 V6]**.)
P064E:00	Internal control module exhaust gas sensor processor performance (LH)	ON	2	C, O, R	
P065B:00	Generator control circuit range/performance	OFF	1	C, R	(See **DTC P065B:00 [MZI 3.7 V6]**.)
P0685:00	ECM/PCM power relay control circuit/open	OFF	1	C, O, R	(See **DTC P0685:00 [MZI 3.7 V6]**.)
P068A:00	ECM/PCM power relay de-engaged-too early	ON	2	C	(See **DTC P068A:00 [MZI 3.7 V6]**.)
P06B8:00	Internal control module non-Volatile Random Access Memory (NVRAM)	ON	2	C	(See **DTC P06B8:00 [MZI 3.7 V6]**.)

	error				
P1001:00	KOER not able to complete, KOER aborted	OFF	1	R	(See **DTC P1001:00 [MZI 3.7 V6]**.)
P1101:00	MAF sensor out of self-test range	OFF	1	O, R	(See **DTC P1101:00 [MZI 3.7 V6]**.)
P1124:00	Throttle position sensor A out of self test range	OFF	1	O, R	(See **DTC P1124:00 [MZI 3.7 V6]**.)
P1127:00	Exhaust temperature out of range, HO2S tests not completed	OFF	1	R	(See **DTC P1127:00 [MZI 3.7 V6]**.)
P115E:00	Throttle actuator control throttle body air flow trim at max limit	OFF	1	C, R[*5]	(See **DTC P115E:00 [MZI 3.7 V6]**.)
P1260:00	Theft detected, vehicle immobilized	OFF	1	C	(See **DTC P1260:00 [MZI 3.7 V6]**.)
P1285:00	Cylinder head over temperature condition	OFF	1	C, O, R	(See **DTC P1285:00, P1299:00 [MZI 3.7 V6]**.)
P1288:00	CHT sensor out of self-test range	OFF	1	O, R	(See **DTC P1288:00 [MZI 3.7 V6]**.)
P1289:00	CHT sensor circuit high input	ON	2	C, O, R	(See **DTC P1289:00 [MZI 3.7 V6]**.)
P128A:00	CHT sensor circuit intermittent/erratic	OFF	1	C	(See **DTC P128A:00 [MZI 3.7 V6]**.)
P1290:00	CHT sensor circuit low input	ON	2	C, O, R	(See **DTC P1290:00 [MZI 3.7 V6]**.)
P1299:00	Cylinder head over temperature protection active	ON	2	C, R	(See **DTC P1285:00, P1299:00 [MZI 3.7 V6]**.)
P1336:00	CKP/CMP sensor range/performance	ON	2	C	(See **DTC P1336:00 [MZI 3.7 V6]**.)
P1397:00	System voltage out of self-test range	OFF	1	O, R	(See **DTC P1397:00 [MZI 3.7 V6]**.)
P144A:00	Evaporative emission system purge vapor line restrict/blocked	ON	2	C	(See **DTC P144A:00 [MZI 3.7 V6]**.)
P1450:00	Unable to bleed up fuel tank vacuum	ON	2	C	(See **DTC P1450:00 [MZI 3.7 V6]**.)
P1464:00	A/C demand out of self-test range	OFF	1	O, R	(See **DTC P1464:00 [MZI 3.7 V6]**)

P1501:00	Vehicle speed sensor (VSS) out of self-test range	OFF	1	O, R	(See **DTC P1501:00 [MZI 3.7 V6]**.)
P1575:00	Pedal position out of self test range	OFF	1	O	(See **DTC P1575:00 [MZI 3.7 V6]**.)
P1633:00	Keep alive power voltage too low	ON	2	C, O, R	(See **DTC P1633:00 [MZI 3.7 V6]**.)
P1635:00	Tire/axle out of acceptable range	OFF	1	C	(See **DTC P1635:00 [MZI 3.7 V6]**.)
P1639:00	Vehicle ID block corrupted, not programmed	ON	2	C	(See **DTC P1639:00 [MZI 3.7 V6]**.)
P1646:00	A/F sensor (RH) control chip	OFF	2	C, O, R	(See **DTC P1646:00, P1647:00 [MZI 3.7 V6]**.)
P1647:00	A/F sensor (LH) control chip	OFF	2	C, O, R	
P164A:00	A/F sensor (RH) positive current trim circuit performance	OFF	1	C, O, R	(See **DTC P164A:00 [MZI 3.7 V6]**.)
P164B:00	A/F sensor (LH) positive current trim circuit performance	OFF	1	C, O, R	(See **DTC P164B:00 [MZI 3.7 V6]**.)
P1650:00	PSP switch out of self-test range	OFF	1	C, O, R	(See **DTC P1650:00 [MZI 3.7 V6]**.)
P1674:00	Control module software corrupted	OFF*2	2	C	(See **DTC P1674:00 [MZI 3.7 V6]**.)
P1703:00	Brake switch out of self-test range	OFF	1	O, R	(See **DTC P1703:00 [MZI 3.7 V6]**.)
P1705:00	Transaxle range circuit not indicating Park/Neutral during self test	OFF	1	O, R	(See **DTC P1705:00 [MZI 3.7 V6]**.)
P2096:00	Post catalyst fuel trim system too lean (RH)	ON	2	C, R	(See **DTC P2096:00, P2098:00 [MZI 3.7 V6]**.)
P2097:00	Post catalyst fuel trim system too rich (RH)	ON	2	C, R	(See **DTC P2097:00, P2099:00 [MZI 3.7 V6]**.)
P2098:00	Post catalyst fuel trim system too lean (LH)	ON	2	C	(See **DTC P2096:00, P2098:00 [MZI 3.7 V6]**.)
P2099:00	Post catalyst fuel trim system too rich (LH)	ON	2	C	(See **DTC P2097:00, P2099:00 [MZI 3.7 V6]**.)

P2101:00	Throttle actuator circuit range/performance	ON*2	2	C, O, R	(See **DTC P2101:00 [MZI 3.7 V6]**.)
P2107:00	Throttle actuator control module processor	ON*2	2	C	(See **DTC P2107:00 [MZI 3.7 V6]**.)
P2111:00	Throttle actuator control system-stuck open	ON*2	2	C	(See **DTC P2111:00 [MZI 3.7 V6]**.)
P2112:00	Throttle actuator control system-stuck closed	ON*2	2	C	(See **DTC P2112:00 [MZI 3.7 V6]**.)
P2122:00	APP sensor No.1 circuit low input	OFF*2	1	C, O, R	(See **DTC P2122:00 [MZI 3.7 V6]**.)
P2123:00	APP sensor No.1 circuit high input	OFF*2	1	C, O, R	(See **DTC P2123:00 [MZI 3.7 V6]**.)
P2127:00	APP sensor No.2 circuit low input	OFF*2	1	C, O, R	(See **DTC P2127:00 [MZI 3.7 V6]**.)
P2128:00	APP sensor No.2 circuit high input	OFF*2	1	C, O, R	(See **DTC P2128:00 [MZI 3.7 V6]**.)
P2135:00	TP sensor No.1/No.2 voltage correlation	ON*2	2	C	(See **DTC P2135:00 [MZI 3.7 V6]**.)
P2138:00	APP sensor No.1/No.2 voltage correlation	OFF*2	1	C, O, R	(See **DTC P2138:00 [MZI 3.7 V6]**.)
P2195:00	A/F sensor (RH) signal stuck lean	ON*2	2	C, R	(See **DTC P2195:00, P2197:00 [MZI 3.7 V6]**.)
P2196:00	A/F sensor (RH) signal stuck rich	ON*2	2	C, R	(See **DTC P2196:00, P2198:00 [MZI 3.7 V6]**.)
P2197:00	A/F sensor (LH) signal stuck lean	ON*2	2	C, R	(See **DTC P2195:00, P2197:00 [MZI 3.7 V6]**.)
P2198:00	A/F sensor (LH) signal stuck rich	ON	2	C, R	(See **DTC P2196:00, P2198:00 [MZI 3.7 V6]**.)
P219A:00	Air/fuel ratio imbalance (RH)	ON	2	C	(See **DTC P219A:00, P219B:00 [MZI 3.7 V6]**.)
P219B:00	Air/fuel ratio imbalance (LH)	ON	2	C	
P2237:00	A/F sensor (RH) positive current	ON	2	C, R	

	control circuit/open				(See **DTC P2237:00, P2240:00 [MZI 3.7 V6]**.)
P2240:00	A/F sensor (LH) positive current control circuit/open	ON	2	C, R	
P2243:00	A/F sensor (RH) reference voltage circuit/open	ON	2	C, R	(See **DTC P2243:00, P2247:00 [MZI 3.7 V6]**.)
P2247:00	A/F sensor (LH) reference voltage circuit/open	ON	2	C, R	
P2251:00	A/F sensor (RH) negative current control circuit/open	ON	2	C, R	(See **DTC P2251:00, P2254:00 [MZI 3.7 V6]**.)
P2254:00	A/F sensor (LH) negative current control circuit/open	ON	2	C, R	
P2270:00	HO2S (RH) signal stuck lean	ON	2	C, R	(See **DTC P2270:00, P2272:00 [MZI 3.7 V6]**.)
P2271:00	HO2S (RH) signal stuck rich	ON	2	C, R	(See **DTC P2271:00, P2273:00 [MZI 3.7 V6]**.)
P2272:00	HO2S (LH) signal stuck lean	ON	2	C, R	(See **DTC P2270:00, P2272:00 [MZI 3.7 V6]**.)
P2273:00	HO2S (LH) signal stuck rich	ON	2	C, R	(See **DTC P2271:00, P2273:00 [MZI 3.7 V6]**.)
P2299:00	Brake pedal position/Accelerator pedal position incompatible	OFF*2	1	C, R	(See **DTC P2299:00 [MZI 3.7 V6]**.)
P260F:00*4	Evaporative emission system monitoring processor performance	ON	2	C	(See **DTC P260F:00 [MZI 3.7 V6]**.)
P2610:00	ECM/PCM internal engine off timer performance	ON	2	C	(See **DTC P2610:00 [MZI 3.7 V6]**.)
P2627:00	A/F sensor (RH) positive current trim circuit low	OFF	1	C, R	(See **DTC P2627:00 [MZI 3.7 V6]**.)
P2630:00	A/F sensor (LH) positive current trim circuit low	OFF	1	C, R	(See **DTC P2630:00 [MZI 3.7 V6]**.)
P2A01:00	HO2S (RH) circuit range/performance	ON	2	C, O, R	(See **DTC P2A01:00, P2A04:00 [MZI 3.7 V6]**.)

P2A04:00	HO2S (LH) circuit range/performance	ON	2	C, O, R	
U0101:00	Communication error to TCM	ON	2	C, O, R	(See **FOREWORD [MULTIPLEX COMMUNICATION SYSTEM]**.)
U0140:00	Communication error to BCM	OFF	1	C, O, R	
U0300:00	Internal control module software incompatibility	ON*2	2	C, O, R	(See **DTC U0300:00, U0300:01, U0300:02 [MZI 3.7 V6]**.)
U0300:01	Internal control module software incompatibility (general electrical failure)	ON*2	2	C, O, R	
U0300:02	Internal control module software incompatibility (general signal failure)	ON*2	2	C, O, R	

*1 **The fuel cap warning light illuminates.**

*2 **The powertrain malfunction/ Reduce power warning light illuminates.**

*3 **C: CMDTC self test, O: KOEO self test, R: KOER self test**

*4 **California emission regulations applicable model**

*5 **Except for California emission regulations applicable model**

< Previous Next >

Back to Top

2012 - Mazda6 - Engine

DTC TABLE [MZI 3.7 V6]

DTC	Description	MIL	DC	Self-test type*3	Page
P0010:00	Variable valve timing actuator circuit open (RH)	ON	2	C, O, R	(See DTC P0010:00 [MZI 3.7 V6].)
P0011:00	CMP timing over-advanced (RH)	ON	2	C, R	(See DTC P0011:00 [MZI 3.7 V6].)
P0012:00	CMP timing over-retarded (RH)	ON	2	C, R	(See DTC P0012:00 [MZI 3.7 V6].)
P0016:00	CKP-CMP sensor (RH) correlation	ON	2	C, R	(See DTC P0016:00, P0018:00 [MZI 3.7 V6].)
P0018:00	CKP-CMP sensor (LH) correlation	ON	2	C	
P0020:00	CMP actuator circuit open (LH)	ON	2	C, O, R	(See DTC P0020:00 [MZI 3.7 V6].)
P0021:00	CMP timing over-advanced (LH)	ON	2	C, R	(See DTC P0021:00 [MZI 3.7 V6].)
P0022:00	CMP timing over-retarded (LH)	ON	2	C, R	(See DTC P0022:00 [MZI 3.7 V6].)
P0030:00	A/F sensor (RH) heater control circuit	ON	2	C, R	(See DTC P0030:00, P0050:00 [MZI 3.7 V6].)
P0040:00	A/F sensor (LH/RH) signals swapped	OFF	1	R	(See DTC P0040:00, P0041:00 [MZI 3.7 V6].)
P0041:00	HO2S (LH/RH) signals swapped	OFF	1	R	
P0050:00	A/F sensor (LH) heater control circuit	ON	2	C, R	(See DTC P0030:00, P0050:00 [MZI 3.7 V6].)
P0053:00	A/F sensor (RH) heater resistance	ON	2	C, O, R	(See DTC P0053:00, P0059:00 [MZI 3.7 V6].)
				C, O,	(See DTC P0054:00, P0060:00 [MZI 3.7

P0054:00	HO2S (RH) heater resistance	ON	2	R	**V6]**.)
P0059:00	A/F sensor (LH) heater resistance	ON	2	C, O, R	(See **DTC P0053:00, P0059:00 [MZI 3.7 V6]**.)
P0060:00	HO2S (LH) heater resistance	ON	2	C, O, R	(See **DTC P0054:00, P0060:00 [MZI 3.7 V6]**.)
P0068:00	MAP/MAF-throttle position correlation	ON	2	C, R	(See **DTC P0068:00 [MZI 3.7 V6]**.)
P0102:00	MAF circuit low input	ON*2	2	C, O, R	(See **DTC P0102:00 [MZI 3.7 V6]**.)
P0103:00	MAF circuit high input	ON*2	2	C, O, R	(See **DTC P0103:00 [MZI 3.7 V6]**.)
P0104:00	MAF circuit intermittent/erratic	OFF	1	C	(See **DTC P0104:00 [MZI 3.7 V6]**.)
P0111:00	IAT sensor circuit range/performance	ON	2	C, R	(See **DTC P0111:00 [MZI 3.7 V6]**.)
P0112:00	IAT sensor circuit low input	ON	2	C, O, R	(See **DTC P0112:00 [MZI 3.7 V6]**.)
P0113:00	IAT sensor circuit high input	ON	2	C, O, R	(See **DTC P0113:00 [MZI 3.7 V6]**.)
P0114:00	IAT sensor Intermittent/erratic	OFF	1	C, O, R	(See **DTC P0114:00 [MZI 3.7 V6]**.)
P0116:00	CHT sensor circuit range/performance	ON	2	C, R	(See **DTC P0116:00 [MZI 3.7 V6]**.)
P0122:00	TP sensor No.1 circuit low input	ON*2	2	C, O, R	(See **DTC P0122:00 [MZI 3.7 V6]**.)
P0123:00	TP sensor No.1 circuit high input	ON*2	2	C, O, R	(See **DTC P0123:00 [MZI 3.7 V6]**.)
P0128:00	Coolant thermostat (coolant temp below thermostat regulating temperature)	ON	2	C	(See **DTC P0128:00 [MZI 3.7 V6]**.)
P0131:00	A/F sensor (RH) low voltage	ON	2	C, R	(See **DTC P0131:00, P0151:00 [MZI 3.7 V6]**.)
					(See **DTC P0132:00, P0152:00 [MZI 3.7**

P0132:00	A/F sensor (RH) circuit high voltage	ON	2	C, R	V6].)
P0133:00	A/F sensor (RH) circuit slow response	ON	2	C, R	(See DTC P0133:00, P0153:00 [MZI 3.7 V6].)
P0135:00	A/F sensor (RH) heater circuit	ON	2	C, O, R	(See DTC P0135:00, P0155:00 [MZI 3.7 V6].)
P0137:00	HO2S (RH) circuit low voltage	ON	2	C, O, R	(See DTC P0137:00, P0157:00 [MZI 3.7 V6].)
P0138:00	HO2S (RH) circuit high voltage	ON	2	C, O, R	(See DTC P0138:00, P0158:00 [MZI 3.7 V6].)
P013A:00	HO2S (RH) slow response-rich to lean	ON	2	C, R	(See DTC P013A:00 [MZI 3.7 V6].)
P013C:00	HO2S (LH) slow response-rich to lean	ON	2	C	(See DTC P013C:00 [MZI 3.7 V6].)
P013E:00	HO2S (RH) delayed response-rich to lean	ON	2	C	(See DTC P013E:00 [MZI 3.7 V6].)
P0141:00	HO2S (RH) heater circuit	ON	2	C, O, R	(See DTC P0141:00, P0161:00 [MZI 3.7 V6].)
P0148:00	Fuel delivery error	OFF	1	C	(See DTC P0148:00 [MZI 3.7 V6].)
P014A:00	HO2S (LH) delayed response-rich to lean	ON	2	C	(See DTC P014A:00 [MZI 3.7 V6].)
P0151:00	A/F sensor (LH) low voltage	ON	2	C, O, R	(See DTC P0131:00, P0151:00 [MZI 3.7 V6].)
P0152:00	A/F sensor (LH) circuit high voltage	ON	2	C, R	(See DTC P0132:00, P0152:00 [MZI 3.7 V6].)
P0153:00	A/F sensor (LH) circuit slow response	ON	2	C	(See DTC P0133:00, P0153:00 [MZI 3.7 V6].)
P0155:00	A/F sensor (LH) heater circuit	ON	2	C, O, R	(See DTC P0135:00, P0155:00 [MZI 3.7 V6].)
P0157:00	HO2S (LH) circuit low voltage	ON	2	C, O, R	(See DTC P0137:00, P0157:00 [MZI 3.7 V6].)
				C, O,	(See DTC P0138:00, P0158:00 [MZI 3.7

P0158:00	HO2S (LH) circuit high voltage	ON	2	R	V6].)
P0161:00	HO2S (LH) heater circuit	ON	2	C, O, R	(See DTC P0141:00, P0161:00 [MZI 3.7 V6].)
P0171:00	System too lean (RH)	ON	2	C	(See DTC P0171:00, P0174:00 [MZI 3.7 V6].)
P0172:00	System too rich (RH)	ON	2	C	(See DTC P0172:00, P0175:00 [MZI 3.7 V6].)
P0174:00	System too lean (LH)	ON	2	C	(See DTC P0171:00, P0174:00 [MZI 3.7 V6].)
P0175:00	System too rich (LH)	ON	2	C	(See DTC P0172:00, P0175:00 [MZI 3.7 V6].)
P0201:00	Injector circuit/open—cylinder No.1	ON	2	C, O, R	(See DTC P0201:00 [MZI 3.7 V6].)
P0202:00	Injector circuit/open—cylinder No.2	ON	2	C, O, R	(See DTC P0202:00 [MZI 3.7 V6].)
P0203:00	Injector circuit/open—cylinder No.3	ON	2	C, O, R	(See DTC P0203:00 [MZI 3.7 V6].)
P0204:00	Injector circuit/open—cylinder No.4	ON	2	C, O, R	(See DTC P0204:00 [MZI 3.7 V6].)
P0205:00	Injector circuit/open—cylinder No.5	ON	2	C, O, R	(See DTC P0205:00 [MZI 3.7 V6].)
P0206:00	Injector circuit/open—cylinder No.6	ON	2	C, O, R	(See DTC P0206:00 [MZI 3.7 V6].)
P0217:00	Engine coolant over temperature condition	OFF	1	C, O, R	(See DTC P0217:00 [MZI 3.7 V6].)
P0219:00	Engine overspeed condition	OFF	1	C	(See DTC P0219:00 [MZI 3.7 V6].)
P0222:00	TP sensor No.2 circuit low input	ON*2	2	C, O, R	(See DTC P0222:00 [MZI 3.7 V6].)
P0223:00	TP sensor No.2 circuit high input	ON*2	2	C, O, R	(See DTC P0223:00 [MZI 3.7 V6].)
				C, O,	

P0230:00	Fuel pump primary circuit	OFF	1	R	(See **DTC P0230:00 [MZI 3.7 V6]**.)
P0231:00	Fuel pump secondary circuit low	OFF	1	C, O, R	(See **DTC P0231:00 [MZI 3.7 V6]**.)
P0232:00	Fuel pump secondary circuit high	OFF	1	C, O, R	(See **DTC P0232:00 [MZI 3.7 V6]**.)
P0297:00	Vehicle over speed condition	OFF	1	C	(See **DTC P0297:00 [MZI 3.7 V6]**.)
P0300:00	Random misfire detected	ON	2	C, R	(See **DTC P0300:00 [MZI 3.7 V6]**.)
P0301:00	Cylinder No.1 misfire detected	ON	2	C, R	(See **DTC P0301:00, P0302:00, P0303:00, P0304:00, P0305:00, P0306:00, P0316:00 [MZI 3.7 V6]**.)
P0302:00	Cylinder No.2 misfire detected	ON	2	C, R	
P0303:00	Cylinder No.3 misfire detected	ON	2	C, R	
P0304:00	Cylinder No.4 misfire detected	ON	2	C, R	
P0305:00	Cylinder No.5 misfire detected	ON	2	C	
P0306:00	Cylinder No.6 misfire detected	ON	2	C	
P0315:00	CKP system variation not learned	ON	2	C	(See **DTC P0315:00 [MZI 3.7 V6]**.)
P0316:00	Misfire detected on startup (first 1000 revolutions)	ON	2	C	(See **DTC P0301:00, P0302:00, P0303:00, P0304:00, P0305:00, P0306:00, P0316:00 [MZI 3.7 V6]**.)
P0320:00	Ignition/distributor engine speed input circuit	ON	2	C, R	(See **DTC P0320:00 [MZI 3.7 V6]**.)
P0325:00	KS circuit (RH)	OFF	1	C, R	(See **DTC P0325:00 [MZI 3.7 V6]**.)
P0330:00	KS circuit (LH)	OFF	1	C	(See **DTC P0330:00 [MZI 3.7 V6]**.)
P0340:00	CMP sensor (RH) circuit	ON	2	C, R	(See **DTC P0340:00 [MZI 3.7 V6]**.)
P0341:00	CMP sensor (RH) circuit-range/performance	OFF	1	C, R	(See **DTC P0341:00 [MZI 3.7 V6]**.)
P0344:00	CMP sensor (RH) circuit intermittent	ON	2	C, R	(See **DTC P0344:00 [MZI 3.7 V6]**.)
P0345:00	CMP sensor (LH) circuit	ON	2	C	(See **DTC P0345:00 [MZI 3.7 V6]**.)

P0346:00	CMP sensor (LH) circuit-range/performance	OFF	1	C	(See **DTC P0346:00 [MZI 3.7 V6]**.)
P0349:00	CMP sensor (LH) circuit intermittent	ON	2	C	(See **DTC P0349:00 [MZI 3.7 V6]**.)
P0351:00	Ignition coil No.1 primary/secondary circuit	ON	2	C, R	(See **DTC P0351:00, P0352:00, P0353:00, P0354:00, P0355:00, P0356:00 [MZI 3.7 V6]**.)
P0352:00	Ignition coil No.2 primary/secondary circuit	ON	2	C, R	
P0353:00	Ignition coil No.3 primary/secondary circuit	ON	2	C, R	
P0354:00	Ignition coil No.4 primary/secondary circuit	ON	2	C, R	
P0355:00	Ignition coil No.5 primary/secondary circuit	ON	2	C, R	
P0356:00	Ignition coil No.6 primary/secondary circuit	ON	2	C, R	
P0420:00	Catalyst system efficiency below threshold (RH)	ON	2	C	(See **DTC P0420:00, P0430:00 [MZI 3.7 V6]**.)
P0430:00	Catalyst system efficiency below threshold (LH)	ON	2	C	
P0442:00	Evaporative emission system leak detected (small leak)	ON	2	C	(See **DTC P0442:00, P0455:00, P0456:00 [MZI 3.7 V6]**.)
P0443:00	Purge solenoid valve circuit	ON	2	C, O, R	(See **DTC P0443:00 [MZI 3.7 V6]**.)
P0446:00	CV solenoid valve control circuit	ON	2	C, O, R	(See **DTC P0446:00 [MZI 3.7 V6]**.)
P0451:00	Fuel tank pressure sensor range/performance	ON	2	C, O, R	(See **DTC P0451:00 [MZI 3.7 V6]**.)
P0452:00	Fuel tank pressure sensor low input	ON	2	C, O, R	(See **DTC P0452:00 [MZI 3.7 V6]**.)
P0453:00	Fuel tank pressure sensor high input	ON	2	C, O, R	(See **DTC P0453:00 [MZI 3.7 V6]**.)

P0454:00	Fuel tank pressure sensor intermittent	ON	2	C	(See **DTC P0454:00 [MZI 3.7 V6]**.)
P0455:00	Evaporative emission system leak detected (gross leak/no flow)	ON	2	C	(See **DTC P0442:00, P0455:00, P0456:00 [MZI 3.7 V6]**.)
P0456:00*4	Evaporative emission system leak detected (very small leak)	ON	2	C	
P0457:00	Evaporative emission system leak detected (fuel cap loose/off)	ON*1	2	C	(See **DTC P0457:00 [MZI 3.7 V6]**.)
P0460:00	Fuel level sensor circuit	OFF	1	C, O, R	(See **DTC P0460:00 [MZI 3.7 V6]**.)
P0461:00	Fuel gauge sender unit range/performance problem	ON	2	C	(See **DTC P0461:00 [MZI 3.7 V6]**.)
P0462:00	Fuel gauge sender unit circuit low input	OFF	1	C, O, R	(See **DTC P0462:00 [MZI 3.7 V6]**.)
P0463:00	Fuel gauge sender unit circuit high input	OFF	1	C, O, R	(See **DTC P0463:00 [MZI 3.7 V6]**.)
P0480:00	Fan control circuit	OFF	1	C, O, R	(See **DTC P0480:00 [MZI 3.7 V6]**.)
P0504:00	Brake switch No.1/No.2 correlation	OFF*2	1	C	(See **DTC P0504:00 [MZI 3.7 V6]**.)
P0505:00	Idle speed control system problem	OFF	1	R	(See **DTC P0505:00 [MZI 3.7 V6]**.)
P0506:00	IAC system RPM lower than expected	ON	2	C, R	(See **DTC P0506:00 [MZI 3.7 V6]**.)
P0507:00	IAC system RPM higher than expected	ON	2	C, R	(See **DTC P0507:00 [MZI 3.7 V6]**.)
P050A:00	Cold start idle air control system performance	ON	2	C	(See **DTC P050A:00 [MZI 3.7 V6]**.)
P050B:00	Cold start ignition timing performance	ON	2	C	(See **DTC P050B:00 [MZI 3.7 V6]**.)
P050E:00	Cold start engine exhaust temperature out of range	ON	2	C	(See **DTC P050E:00 [MZI 3.7 V6]**.)
P0532:00	A/C refrigerant pressure sensor	OFF	1	C, O,	(See **DTC P0532:00 [MZI 3.7 V6]**.)

	circuit low			R	
P0533:00	A/C refrigerant pressure sensor circuit high	OFF	1	C, O, R	(See **DTC P0533:00 [MZI 3.7 V6]**.)
P0562:00	System voltage low	OFF	1	C, O, R	(See **DTC P0562:00 [MZI 3.7 V6]**.)
P0563:00	System voltage high	OFF	1	C, O, R	(See **DTC P0563:00 [MZI 3.7 V6]**.)
P0572:00	Brake switch A circuit low	OFF	1	C	(See **DTC P0572:00 [MZI 3.7 V6]**.)
P0573:00	Brake switch A circuit high	OFF	1	C	(See **DTC P0573:00 [MZI 3.7 V6]**.)
P0579:00	Cruise control multi-function input circuit range/performance	OFF	1	C	(See **DTC P0579:00 [MZI 3.7 V6]**.)
P0581:00	Cruise control multi-function input circuit high	OFF	1	C, O, R	(See **DTC P0581:00 [MZI 3.7 V6]**.)
P0600:00	Serial communication link	ON*2	2	C	(See **DTC P0600:00 [MZI 3.7 V6]**.)
P0602:00	PCM programming error	ON	2	C, O, R	(See **DTC P0602:00 [MZI 3.7 V6]**.)
P0603:00	PCM keep alive memory (KAM) error	ON	2	C, O	(See **DTC P0603:00 [MZI 3.7 V6]**.)
P0604:00	Internal control module random access memory (RAM) error	ON	2	C	(See **DTC P0604:00 [MZI 3.7 V6]**.)
P0605:00	Internal control module read only memory (ROM) error	ON	2	C, O	(See **DTC P0605:00 [MZI 3.7 V6]**.)
P0607:00	Control module performance	ON	2	C	(See **DTC P0607:00 [MZI 3.7 V6]**.)
P060A:00	Internal control module monitoring processor performance	ON*2	2	C	(See **DTC P060A:00, P060C:00, P061D:00 [MZI 3.7 V6]**.)
P060B:00	Internal control module A/D processing performance	ON*2	2	C	(See **DTC P060B:00 [MZI 3.7 V6]**.)
P060C:00	Internal control module main processor performance	ON*2	2	C	(See **DTC P060A:00, P060C:00, P061D:00 [MZI 3.7 V6]**.)
P0610:00	Control module vehicle options error	ON	2	C	(See **DTC P0610:00 [MZI 3.7 V6]**.)

P061A:00	Internal control module torque performance	OFF*2	1	C, R	(See **DTC P061A:00 [MZI 3.7 V6]**.)
P061B:00	Internal control module torque calculation performance	ON*2	2	C, R	(See **DTC P061B:00 [MZI 3.7 V6]**.)
P061C:00	Internal control module engine RPM performance	ON*2	2	C, R	(See **DTC P061C:00 [MZI 3.7 V6]**.)
P061D:00	Internal control module engine air mass performance	ON*2	2	C	(See **DTC P060A:00, P060C:00, P061D:00 [MZI 3.7 V6]**.)
P0620:00	Generator control circuit	OFF	1	C	(See **DTC P0620:00 [MZI 3.7 V6]**.)
P0625:00	Generator field terminal circuit low	OFF	1	C, R	(See **DTC P0625:00 [MZI 3.7 V6]**.)
P0626:00	Generator field terminal circuit high	OFF	1	C, R	(See **DTC P0626:00 [MZI 3.7 V6]**.)
P062F:00	Internal control module EEPROM error	OFF	1	C	(See **DTC P062F:00 [MZI 3.7 V6]**.)
P0642:00	Sensor reference voltage circuit low	OFF	1	C, O, R	(See **DTC P0642:00 [MZI 3.7 V6]**.)
P0643:00	Sensor reference voltage circuit high	OFF	1	C, O, R	(See **DTC P0643:00 [MZI 3.7 V6]**.)
P0645:00	A/C relay control circuit	OFF	1	C, O, R	(See **DTC P0645:00 [MZI 3.7 V6]**.)
P064D:00	Internal control module exhaust gas sensor processor performance (RH)	ON	2	C, O, R	(See **DTC P064D:00, P064E:00 [MZI 3.7 V6]**.)
P064E:00	Internal control module exhaust gas sensor processor performance (LH)	ON	2	C, O, R	
P065B:00	Generator control circuit range/performance	OFF	1	C, R	(See **DTC P065B:00 [MZI 3.7 V6]**.)
P0685:00	ECM/PCM power relay control circuit/open	OFF	1	C, O, R	(See **DTC P0685:00 [MZI 3.7 V6]**.)
P068A:00	ECM/PCM power relay de-engaged-too early	ON	2	C	(See **DTC P068A:00 [MZI 3.7 V6]**.)
P06B8:00	Internal control module non-Volatile Random Access Memory (NVRAM)	ON	2	C	(See **DTC P06B8:00 [MZI 3.7 V6]**.)

	error				
P1001:00	KOER not able to complete, KOER aborted	OFF	1	R	(See **DTC P1001:00 [MZI 3.7 V6]**.)
P1101:00	MAF sensor out of self-test range	OFF	1	O, R	(See **DTC P1101:00 [MZI 3.7 V6]**.)
P1124:00	Throttle position sensor A out of self test range	OFF	1	O, R	(See **DTC P1124:00 [MZI 3.7 V6]**.)
P1127:00	Exhaust temperature out of range, HO2S tests not completed	OFF	1	R	(See **DTC P1127:00 [MZI 3.7 V6]**.)
P115E:00	Throttle actuator control throttle body air flow trim at max limit	OFF	1	C, R[*5]	(See **DTC P115E:00 [MZI 3.7 V6]**.)
P1260:00	Theft detected, vehicle immobilized	OFF	1	C	(See **DTC P1260:00 [MZI 3.7 V6]**.)
P1285:00	Cylinder head over temperature condition	OFF	1	C, O, R	(See **DTC P1285:00, P1299:00 [MZI 3.7 V6]**.)
P1288:00	CHT sensor out of self-test range	OFF	1	O, R	(See **DTC P1288:00 [MZI 3.7 V6]**.)
P1289:00	CHT sensor circuit high input	ON	2	C, O, R	(See **DTC P1289:00 [MZI 3.7 V6]**.)
P128A:00	CHT sensor circuit intermittent/erratic	OFF	1	C	(See **DTC P128A:00 [MZI 3.7 V6]**.)
P1290:00	CHT sensor circuit low input	ON	2	C, O, R	(See **DTC P1290:00 [MZI 3.7 V6]**.)
P1299:00	Cylinder head over temperature protection active	ON	2	C, R	(See **DTC P1285:00, P1299:00 [MZI 3.7 V6]**.)
P1336:00	CKP/CMP sensor range/performance	ON	2	C	(See **DTC P1336:00 [MZI 3.7 V6]**.)
P1397:00	System voltage out of self-test range	OFF	1	O, R	(See **DTC P1397:00 [MZI 3.7 V6]**.)
P144A:00	Evaporative emission system purge vapor line restrict/blocked	ON	2	C	(See **DTC P144A:00 [MZI 3.7 V6]**.)
P1450:00	Unable to bleed up fuel tank vacuum	ON	2	C	(See **DTC P1450:00 [MZI 3.7 V6]**.)
P1464:00	A/C demand out of self-test range	OFF	1	O, R	(See **DTC P1464:00 [MZI 3.7 V6]**)

P1501:00	Vehicle speed sensor (VSS) out of self-test range	OFF	1	O, R	(See **DTC P1501:00 [MZI 3.7 V6]**.)
P1575:00	Pedal position out of self test range	OFF	1	O	(See **DTC P1575:00 [MZI 3.7 V6]**.)
P1633:00	Keep alive power voltage too low	ON	2	C, O, R	(See **DTC P1633:00 [MZI 3.7 V6]**.)
P1635:00	Tire/axle out of acceptable range	OFF	1	C	(See **DTC P1635:00 [MZI 3.7 V6]**.)
P1639:00	Vehicle ID block corrupted, not programmed	ON	2	C	(See **DTC P1639:00 [MZI 3.7 V6]**.)
P1646:00	A/F sensor (RH) control chip	OFF	2	C, O, R	(See **DTC P1646:00, P1647:00 [MZI 3.7 V6]**.)
P1647:00	A/F sensor (LH) control chip	OFF	2	C, O, R	
P164A:00	A/F sensor (RH) positive current trim circuit performance	OFF	1	C, O, R	(See **DTC P164A:00 [MZI 3.7 V6]**.)
P164B:00	A/F sensor (LH) positive current trim circuit performance	OFF	1	C, O, R	(See **DTC P164B:00 [MZI 3.7 V6]**.)
P1650:00	PSP switch out of self-test range	OFF	1	C, O, R	(See **DTC P1650:00 [MZI 3.7 V6]**.)
P1674:00	Control module software corrupted	OFF*2	2	C	(See **DTC P1674:00 [MZI 3.7 V6]**.)
P1703:00	Brake switch out of self-test range	OFF	1	O, R	(See **DTC P1703:00 [MZI 3.7 V6]**.)
P1705:00	Transaxle range circuit not indicating Park/Neutral during self test	OFF	1	O, R	(See **DTC P1705:00 [MZI 3.7 V6]**.)
P2096:00	Post catalyst fuel trim system too lean (RH)	ON	2	C, R	(See **DTC P2096:00, P2098:00 [MZI 3.7 V6]**.)
P2097:00	Post catalyst fuel trim system too rich (RH)	ON	2	C, R	(See **DTC P2097:00, P2099:00 [MZI 3.7 V6]**.)
P2098:00	Post catalyst fuel trim system too lean (LH)	ON	2	C	(See **DTC P2096:00, P2098:00 [MZI 3.7 V6]**.)
P2099:00	Post catalyst fuel trim system too rich (LH)	ON	2	C	(See **DTC P2097:00, P2099:00 [MZI 3.7 V6]**.)

P2101:00	Throttle actuator circuit range/performance	ON*2	2	C, O, R	(See **DTC P2101:00 [MZI 3.7 V6]**.)
P2107:00	Throttle actuator control module processor	ON*2	2	C	(See **DTC P2107:00 [MZI 3.7 V6]**.)
P2111:00	Throttle actuator control system-stuck open	ON*2	2	C	(See **DTC P2111:00 [MZI 3.7 V6]**.)
P2112:00	Throttle actuator control system-stuck closed	ON*2	2	C	(See **DTC P2112:00 [MZI 3.7 V6]**.)
P2122:00	APP sensor No.1 circuit low input	OFF*2	1	C, O, R	(See **DTC P2122:00 [MZI 3.7 V6]**.)
P2123:00	APP sensor No.1 circuit high input	OFF*2	1	C, O, R	(See **DTC P2123:00 [MZI 3.7 V6]**.)
P2127:00	APP sensor No.2 circuit low input	OFF*2	1	C, O, R	(See **DTC P2127:00 [MZI 3.7 V6]**.)
P2128:00	APP sensor No.2 circuit high input	OFF*2	1	C, O, R	(See **DTC P2128:00 [MZI 3.7 V6]**.)
P2135:00	TP sensor No.1/No.2 voltage correlation	ON*2	2	C	(See **DTC P2135:00 [MZI 3.7 V6]**.)
P2138:00	APP sensor No.1/No.2 voltage correlation	OFF*2	1	C, O, R	(See **DTC P2138:00 [MZI 3.7 V6]**.)
P2195:00	A/F sensor (RH) signal stuck lean	ON*2	2	C, R	(See **DTC P2195:00, P2197:00 [MZI 3.7 V6]**.)
P2196:00	A/F sensor (RH) signal stuck rich	ON*2	2	C, R	(See **DTC P2196:00, P2198:00 [MZI 3.7 V6]**.)
P2197:00	A/F sensor (LH) signal stuck lean	ON*2	2	C, R	(See **DTC P2195:00, P2197:00 [MZI 3.7 V6]**.)
P2198:00	A/F sensor (LH) signal stuck rich	ON	2	C, R	(See **DTC P2196:00, P2198:00 [MZI 3.7 V6]**.)
P219A:00	Air/fuel ratio imbalance (RH)	ON	2	C	(See **DTC P219A:00, P219B:00 [MZI 3.7 V6]**.)
P219B:00	Air/fuel ratio imbalance (LH)	ON	2	C	
P2237:00	A/F sensor (RH) positive current	ON	2	C, R	

	control circuit/open				(See **DTC P2237:00, P2240:00 [MZI 3.7 V6]**.)
P2240:00	A/F sensor (LH) positive current control circuit/open	ON	2	C, R	
P2243:00	A/F sensor (RH) reference voltage circuit/open	ON	2	C, R	(See **DTC P2243:00, P2247:00 [MZI 3.7 V6]**.)
P2247:00	A/F sensor (LH) reference voltage circuit/open	ON	2	C, R	
P2251:00	A/F sensor (RH) negative current control circuit/open	ON	2	C, R	(See **DTC P2251:00, P2254:00 [MZI 3.7 V6]**.)
P2254:00	A/F sensor (LH) negative current control circuit/open	ON	2	C, R	
P2270:00	HO2S (RH) signal stuck lean	ON	2	C, R	(See **DTC P2270:00, P2272:00 [MZI 3.7 V6]**.)
P2271:00	HO2S (RH) signal stuck rich	ON	2	C, R	(See **DTC P2271:00, P2273:00 [MZI 3.7 V6]**.)
P2272:00	HO2S (LH) signal stuck lean	ON	2	C, R	(See **DTC P2270:00, P2272:00 [MZI 3.7 V6]**.)
P2273:00	HO2S (LH) signal stuck rich	ON	2	C, R	(See **DTC P2271:00, P2273:00 [MZI 3.7 V6]**.)
P2299:00	Brake pedal position/Accelerator pedal position incompatible	OFF*2	1	C, R	(See **DTC P2299:00 [MZI 3.7 V6]**.)
P260F:00*4	Evaporative emission system monitoring processor performance	ON	2	C	(See **DTC P260F:00 [MZI 3.7 V6]**.)
P2610:00	ECM/PCM internal engine off timer performance	ON	2	C	(See **DTC P2610:00 [MZI 3.7 V6]**.)
P2627:00	A/F sensor (RH) positive current trim circuit low	OFF	1	C, R	(See **DTC P2627:00 [MZI 3.7 V6]**.)
P2630:00	A/F sensor (LH) positive current trim circuit low	OFF	1	C, R	(See **DTC P2630:00 [MZI 3.7 V6]**.)
P2A01:00	HO2S (RH) circuit range/performance	ON	2	C, O, R	(See **DTC P2A01:00, P2A04:00 [MZI 3.7 V6]**.)

P2A04:00	HO2S (LH) circuit range/performance	ON	2	C, O, R	
U0101:00	Communication error to TCM	ON	2	C, O, R	(See **FOREWORD [MULTIPLEX COMMUNICATION SYSTEM]**.)
U0140:00	Communication error to BCM	OFF	1	C, O, R	
U0300:00	Internal control module software incompatibility	ON*2	2	C, O, R	(See **DTC U0300:00, U0300:01, U0300:02 [MZI 3.7 V6]**.)
U0300:01	Internal control module software incompatibility (general electrical failure)	ON*2	2	C, O, R	
U0300:02	Internal control module software incompatibility (general signal failure)	ON*2	2	C, O, R	

*1 **The fuel cap warning light illuminates.**

*2 **The powertrain malfunction/ Reduce power warning light illuminates.**

*3 **C: CMDTC self test, O: KOEO self test, R: KOER self test**

*4 **California emission regulations applicable model**

*5 **Except for California emission regulations applicable model**

< Previous Next >

Back to Top