

Troubleshooting

Troubleshooting Guide

NOTE: Across each row in the chart, the systems that could be sources of a symptom are ranked in the order they should be inspected starting with ①. Find the symptom in the left column, read across to the most likely source, then refer to the page listed at the top of that column. If inspection shows the system is OK, try the next most likely system ②, etc.

PAGE		SYSTEM	PGM-FI							
			ENGINE CONTROL MODULE	HEATED OXYGEN SENSOR *1,*2	OXYGEN SENSOR *3	MANIFOLD ABSOLUTE PRESSURE SENSOR	TOP DEAD CENTER/ CRANKSHAFT POSITION/ CYLINDER POSITION SENSOR	ENGINE COOLANT TEMPERATURE SENSOR	THROTTLE POSITION SENSOR	INTAKE AIR TEMPERATURE SENSOR
SYMPTOM		11-22	11-30, 34	11-28	11-40, 42	11-44	11-46	11-48	11-50	11-52
MALFUNCTION INDICATOR LAMP (MIL) TURNS ON										
MALFUNCTION INDICATOR LAMP (MIL) BLINKS										
ENGINE WON'T START		①				③				③
DIFFICULT TO START ENGINE WHEN COLD		Ⓑ			③	③	①			
IRREGULAR IDLING	WHEN COLD FAST IDLE OUT OF SPEC	Ⓑ					③			
	ROUGH IDLE	Ⓑ			③					
	WHEN WARM ENGINE SPEED TOO HIGH	Ⓑ					③			
	WHEN WARM ENGINE SPEED TOO LOW	Ⓑ								
FREQUENT STALLING	WHILE WARMING UP	Ⓑ					③			
	AFTER WARMING UP	Ⓑ								
POOR PERFORMANCE	MISFIRE OR ROUGH RUNNING	Ⓑ			②	③				
	FAILS EMISSION TEST	Ⓑ	③	③	②					
	LOSS OF POWER	Ⓑ			③			②		

* If codes other than those listed above are indicated, count the number of blinks again. If the MIL is in fact blinking these codes, replace the ECM.

(BU) If the MIL is on while the engine is running, connect the SCS short connector to the service check connector. If no code is displayed (MIL stays on steady), the back-up system is in operation.

Substitute a known-good ECM and recheck. If the indication goes away, replace the original ECM.

*1: D15Z3 engine

*2: D16Y2 engine

*3: D16Y3, D14A2 engine



PGM-FI			IDLE CONTROL		FUEL SUPPLY		INTAKE AIR	EMISSION CONTROL	
VEHICLE SPEED SENSOR	LOCK-UP CONTROL SOLENOID VALVE A/B (A/T) *3	VTEC SOLENOID VALVE *1,*2	IDLE AIR CONTROL VALVE	OTHER IDLE CONTROLS	FUEL INJECTOR	OTHER FUEL SUPPLY		EXHAUST GAS RECIRCULATION (EGR) CONTROL SYSTEM*4	OTHER EMISSION CONTROL SYSTEM
11-54	11-56	6-4	11-61	11-58	11-82	11-74	11-94	11-104	11-102
						②			
						②			
			①	②					
			①	②	②			③	
			①	②					
	③		①	②	②				
			①	②		③			
			③			①		②	
					①			③	
									①
		③			③	①	③		③