

PROBLEM SYMPTOMS TABLE

When the malfunction is not confirmed in the diagnostic trouble code check and the problem still can not be confirmed in the basic inspection, proceed to this problem symptoms table and troubleshoot according to the numbered order given below.

Symptom	Suspected Area	See page
Engine does not crank (Does not start)	7. Starter 8. Starter relay 9. Body ECU	ST-7 ST-17 DI-357
No initial combustion (Does not start)	1. ECM power source circuit 2. Ignition coil with igniter 3. Fuel control circuit 4. Injector circuit	DI-132 DI-109 DI-140 DI-63
No complete combustion (Does not start)	1. Ignition coil with igniter 2. Fuel control circuit 3. Injector circuit	DI-109 DI-140 DI-63
Engine cranks normally (Difficult to start)	1. Starter signal circuit 2. Ignition coil with igniter 3. Spark plug 4. Compression 5. Injector circuit 6. Fuel control circuit 7. IAC valve circuit	DI-137 DI-109 IG-1 EM-3 DI-63 DI-140 DI-106
Cold engine (Difficult to start)	1. Starter signal circuit 2. Injector circuit 3. Ignition coil with igniter 4. Spark plug 5. Fuel control circuit 6. IAC valve circuit	DI-137 DI-63 DI-109 IG-1 DI-140 DI-106
Hot engine (Difficult to start)	1. Starter signal circuit 2. Injector circuit 3. Ignition coil 4. Spark plug 5. Fuel control circuit 6. IAC valve circuit	DI-137 DI-63 DI-109 IG-1 DI-140 DI-106
High engine idle speed (Poor idling)	1. ECM power source circuit 2. Back up power source circuit 3. IAC valve circuit	DI-132 DI-123 DI-106
Low engine idle speed (Poor idling)	1. Injector circuit 2. Back up power source circuit 3. Fuel control circuit 4. IAC valve circuit	DI-63 DI-123 DI-140 DI-106
Rough idling (Poor idling)	1. IAC valve circuit 2. Injector circuit 3. Fuel control circuit 4. Ignition coil with igniter 5. Compression	DI-106 DI-63 DI-140 DI-109 EM-3
Hunting (Poor idling)	1. ECM power source circuit 2. Fuel control circuit 3. IAC valve circuit	DI-132 DI-140 DI-106
Hesitation/Poor acceleration (Poor driveability)	1. Injector circuit 2. Ignition coil with igniter 3. Fuel control circuit	DI-63 DI-109 DI-140

Muffler explosion, after fire (Poor driveability)	1. Ignition coil 2. Spark plug 3. Injector circuit	IG-1 IG-1 DI-63
Surging (Poor driveability)	1. Spark plug 2. Injector circuit	IG-1 DI-63
Engine stall (Soon after starting)	1. Fuel control circuit 2. IAC valve circuit	DI-140 DI-106
Engine stall (After accelerator pedal depressed)	1. Injector circuit 2. IAC valve circuit 3. ECM	DI-63 DI-106 IN-28
Engine stall (After accelerator pedal released)	1. ECM 2. IAC valve circuit	IN-28 DI-106
Engine stall (During A/C operation)	1. A/C signal circuit (Compressor circuit) 2. ECM	DI-150 IN-28