

## 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	Suspect Area	See page
Engine does not crank (Does not start)	1. Starter and starter relay 2. Neutral start switch circuit 3. Body ECU	ST-6 ST-18 DI-181 DI-549
No initial combustion (Does not start)	1. Engine ECU power source circuit 2. Ignition coil with igniter 3. Injector circuit	DI-189 DI-72 DI-72
No complete combustion (Does not start)	1. Ignition coil with igniter 2. Injector circuit	DI-72 DI-72
Engine cranks normally (Difficult to start)	1. Starter signal circuit 2. Ignition coil with igniter 3. Spark plug 4. Compression 5. Injector circuit	DI-186 DI-118 IG-1 EM-3 DI-72
Cold engine (Difficult to start)	1. Starter signal circuit 2. Injector circuit 3. Ignition coil with igniter 4. Spark plug	DI-186 DI-72 DI-118 IG-1
Hot engine (Difficult to start)	1. Starter signal circuit 2. Injector circuit 3. Ignition coil 4. Spark plug	DI-186 DI-72 IG-1 IG-1
High engine idle speed (Poor idling)	1. A/C signal circuit (Compressor circuit) 2. Engine ECU power source circuit 3. Neutral start switch circuit 4. Back up power source circuit	DI-674 DI-189 DI-181 DI-180
Low engine idle speed (Poor idling)	1. A/C signal circuit (Compressor circuit) 2. Neutral start switch circuit 3. Injector circuit 4. Back up power source circuit	DI-674 DI-181 DI-72 DI-180
Rough idling (Poor idling)	1. Vacuum sensor circuit 2. Injector circuit 3. Ignition coil with igniter 4. Compression 5. Back up power source circuit	DI-27 DI-72 DI-118 EM-3 DI-180
Hunting (Poor idling)	1. Vacuum sensor circuit 2. Engine ECU power source circuit	DI-27 DI-189
Hesitation/Poor acceleration (Poor driveability)	1. Vacuum sensor circuit 2. Injector circuit 3. Ignition coil with igniter 4. A/T faulty	DI-27 DI-72 DI-118 DI-175
Muffler explosion, after fire (Poor driveability)	1. Ignition coil 2. Spark plug 3. Injector circuit	IG-1 IG-1 DI-72
Surging (Poor driveability)	1. Spark plug 2. Injector circuit	IG-1 DI-72
Engine stall (Soon after starting)	1. Vacuum sensor circuit	DI-27
Engine stall (After accelerator pedal depressed)	1. Vacuum sensor circuit	DI-27

Engine stall (After accelerator pedal released)	1. Vacuum sensor circuit 2. Engine ECU	DI-27 IN-32
Engine stall (During A/C operation)	1. A/C signal circuit (Compressor circuit) 2. Engine ECU	DI-674 IN-32
Engine stall (When shifting N to D)	1. Neutral start switch circuit	DI-141