

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 matrix chart 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	ST-2
	2. Neutral start switch circuit	ST-18 DI-150
No initial combustion (Does not start)	1. Engine ECU power source circuit	DI-154
	2. Ignition coil with igniter	DI-118
	3. Fuel pump control circuit	DI-115
	4. Injector circuit	DI-73
No complete combustion (Does not start)	1. Fuel pump control circuit	DI-115
	2. Ignition coil with igniter	DI-118
	3. Injector circuit	DI-73
Engine cranks normally (Difficult to start)	1. Starter signal circuit	DI-151
	2. Fuel pump control circuit	DI-115
	3. Ignition coil with igniter	DI-118
	4. Spark plug	IG-1
	5. Compression	EM-5
	6. Injector circuit	DI-73
Cold engine (Difficult to start)	1. Starter signal circuit	DI-151
	2. Fuel pump control circuit	DI-115
	3. Injector circuit	DI-73
	4. Ignition coil with igniter	DI-118
	5. Spark plug	IG-1
Hot engine (Difficult to start)	1. Starter signal circuit	DI-151
	2. Fuel pump control circuit	DI-115
	3. Injector circuit	DI-73
	4. Ignition coil	DI-118
	5. Spark plug	IG-1
High engine idle speed (Poor idling)	1. A/C signal circuit (Compressor circuit)	–
	2. Engine ECU power source circuit	DI-154
	3. Neutral start switch circuit	DI-150
	4. Back up power source circuit	DI-139
Low engine idle speed (Poor idling)	1. A/C signal circuit (Compressor circuit)	–
	2. Neutral start switch circuit	DI-150
	3. Fuel pump control circuit	DI-115
	4. Injector circuit	DI-73
	5. Air flow meter circuit	DI-27
	6. Back up power source circuit	DI-139
Rough idling (Poor idling)	1. Air flow meter circuit	DI-27
	2. Injector circuit	DI-73
	3. Variable resistor circuit	DI-159
	4. Ignition coil with igniter	DI-118
	5. Compression	EM-5
	6. Fuel pump control circuit	DI-115
	7. Back up power source circuit	DI-139
Hunting (Poor idling)	1. Air flow meter circuit	DI-27
	2. Engine ECU power source circuit	DI-154
	3. Fuel pump control circuit	DI-115

Hesitation/Poor acceleration (Poor driveability)	1. Air flow meter circuit 2. Injector circuit 3. Fuel pump control circuit 4. Variable resistor circuit 5. Ignition coil with igniter 6. A/T faulty	DI-27 DI-73 DI-115 DI-159 DI-118 DI-191
Muffler explosion, after fire (Poor driveability)	1. Ignition coil with igniter 2. Spark plug 3. Injection circuit 4. Variable resistor circuit	DI-118 IG-1 DI-73 DI-159
Surging (Poor driveability)	1. Fuel pump control circuit 2. Variable resistor circuit 3. Spark plug 4. Injection circuit	DI-115 DI-159 IG-1 DI-73
Engine stall (Soon after starting)	1. Fuel pump control circuit 2. Air flow meter circuit	DI-115 DI-27
Engine stall (After accelerator pedal depressed)	1. Air flow meter circuit	DI-27
Engine stall (After accelerator pedal released)	1. Air flow meter circuit 2. Engine ECU	DI-27 IN-35
Engine stall (During A/C operation)	1. A/C signal circuit (Compressor circuit) 2. Engine ECU	– IN-35
Engine stall (When shifting N to D)	1. Neutral start switch circuit	DI-150