

PROBLEM SYMPTOMS TABLE

When the malfunction code 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 tables 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-5
	2. Neutral start switch circuit*	ST-15 DI-138
No initial combustion (Does not start)	1. ECU power source circuit	DI-129
	2. Ignition coil (w/ Igniter) circuit	DI-97
	3. Fuel pump control circuit	DI-133
	4. Injector circuit	DI-73
No complete combustion (Does not start)	1. Fuel pump control circuit	DI-133
	2. Ignition coil (w/ Igniter) circuit	DI-97
	3. Injector circuit	DI-73
Engine cranks normally (Difficult to start)	1. Starter signal circuit	–
	2. ISC valve circuit	DI-92
	3. Fuel pump control circuit	DI-133
	4. Ignition coil (w/ Igniter)	DI-97
	5. Spark plug	IG-1
	6. Compression	EM-3
	7. Injector circuit	DI-73
Cold engine (Difficult to start)	1. Starter signal circuit	–
	2. ISC valve circuit	DI-92
	3. Fuel pump control circuit	DI-133
	4. Injector circuit	DI-73
	5. Ignition coil (w/ Igniter)	DI-97
	6. Spark plug	IG-1
Hot engine (Difficult to start)	1. Starter signal circuit	–
	2. ISC valve circuit	DI-92
	3. Fuel pump control circuit	DI-133
	4. Injector circuit	DI-73
	5. Ignition coil (w/ Igniter)	DI-97
	6. Spark plug	IG-1
Incorrect first idle (Poor idling)	1. ISC valve circuit	DI-92
High engine idle speed (Poor idling)	1. ISC valve circuit	DI-92
	2. ECU power source circuit	DI-129
	3. Neutral start switch circuit*	DI-138
	4. Back up power source circuit	DI-117
Low engine idle speed (Poor idling)	1. ISC valve circuit	DI-92
	2. Neutral start switch circuit*	DI-138
	3. Fuel pump control circuit	DI-133
	4. Injector circuit	DI-73
	5. Back up power source circuit	DI-117
Rough idling (Poor idling)	1. ISC valve circuit	DI-92
	2. Injector circuit	DI-73
	3. Ignition coil (w/Igniter) circuit	DI-97
	4. Compression	EM-3
	5. Fuel pump control circuit	DI-133
	6. Back up power source circuit	DI-117
Hunting (Poor idling)	1. ISC valve circuit	DI-92
	2. ECU power source circuit	DI-129
	3. Fuel pump control circuit	DI-133

DIAGNOSTICS – ENGINE

Hesitation/Poor acceleration (Poor drivability)	1. Injector circuit 2. Fuel pump control circuit 3. Ignition coil (w/ Igniter) circuit 4. A/T faulty*	DI-73 DI-133 DI-97 –
Muffler explosion, after fire (Poor drivability)	1. Ignition coil (w/ Igniter) 2. Spark plug 3. Injector circuit	DI-97 IG-1 DI-73
Surging (Poor drivability)	1. Fuel pump control circuit 2. Spark plug 3. Injector circuit	DI-133 IG-1 DI-73
Engine stall (Soon after starting)	1. Fuel pump control circuit 2. ISC valve circuit	DI-133 DI-92
Engine stall (After accelerator pedal released)	1. Injector circuit 2. ISC valve circuit 3. Engine ECU	DI-73 DI-92 IN-20
Engine stall (When shifting N to D)	1. Neutral start switch circuit* 2. ISC valve circuit	DI-138 DI-92

*: A/T only