

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 2. Neutral start switch circuit 3. Body ECU	ST-34 DI-192 DI-24
No initial combustion (Does not start)	1. Engine ECU power source circuit 2. Ignition coil with igniter 3. Fuel pump control circuit 4. Injector circuit	DI-121 DI-100 DI-96 DI-125
No complete combustion (Does not start)	1. Fuel pump control circuit 2. Ignition coil with igniter 3. Injector circuit	DI-96 DI-100 DI-125
Engine cranks normally (Difficult to start)	1. Starter signal circuit 2. Fuel pump control circuit 3. Ignition coil with igniter 4. Spark plug 5. Compression 6. Injector circuit	DI-118 DI-96 DI-100 IG-1 EM-5 DI-125
Cold engine (Difficult to start)	1. Starter signal circuit 2. Fuel pump control circuit 3. Injector circuit 4. Ignition coil with igniter 5. Spark plug	DI-118 DI-96 DI-125 DI-100 IG-1
Hot engine (Difficult to start)	1. Starter signal circuit 2. Fuel pump control circuit 3. Injector circuit 4. Ignition coil 5. Spark plug	DI-118 DI-96 DI-125 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-161 DI-121 DI-192 DI-139
Low engine idle speed (Poor idling)	1. A/C signal circuit (Compressor circuit) 2. Neutral start switch circuit 3. Fuel pump control circuit 4. Injector circuit 5. Air flow meter circuit 6. Back up power source circuit	DI-161 DI-192 DI-96 DI-125 DI-26 DI-139
Rough idling (Poor idling)	1. Air flow meter circuit 2. Injector circuit 3. Variable resistor circuit 4. Ignition coil with igniter 5. Compression 6. Fuel pump control circuit 7. Back up power source circuit	DI-26 DI-125 DI-130 DI-100 EM-5 DI-96 DI-139
Hunting (Poor idling)	1. Air flow meter circuit 2. Engine ECU power source circuit 3. Fuel pump control circuit	DI-26 DI-121 DI-96

DIAGNOSTICS – ENGINE

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-26 DI-125 DI-96 DI-130 DI-100 DI-161
Muffler explosion, after fire (Poor driveability)	1. Ignition coil 2. Spark plug 3. Injection circuit 4. Variable resistor circuit	IG-1 IG-1 DI-125 DI-130
Surging (Poor driveability)	1. Fuel pump connector circuit 2. Variable resistor circuit 3. Spark plug 4. Injection circuit	DI-96 DI-130 IG-1 DI-125
Engine stall (Soon after starting)	1. Fuel pump connector circuit 2. Air flow meter circuit	DI-96 DI-26
Engine stall (After accelerator pedal depressed)	1. Air flow meter circuit	DI-26
Engine stall (After accelerator pedal released)	1. Air flow meter circuit 2. Engine ECU	DI-26 IN-29
Engine stall (During A/C operation)	1. A/C signal circuit (Compressor circuit) 2. Engine ECU	DI-161 IN-29
Engine stall (When shifting N to D)	1. Neutral start switch circuit	DI-192