DI4E2–03

PROBLEM SYMPTOMS TABLE

When the malfunction code is not confirmed in the DTC 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 2. Starter relay	* *
No initial combustion (Dies not start)	1. ECU power source circuit 2. Fuel pump control circuit 3. Spark plug 4. Injector circuit	DI–48 DI–51 IG–1 DI–41
No complete combustion (Does not start)	1. Fuel pump control circuit 2. Injector circuit	DI–51 DI–41
Engine cranks normally (Difficult to start)	1. Starter signal circuit 2. ISC valve circuit 3. Fuel pump control circuit 4. Ignition coil (with igniter) 5. Spark plug 6. Compression 7. Injector circuit	DI–44 DI–27 DI–51 IG–1 IG–1 EM–3 DI–41
Cold engine (Difficult to start)	1. Starter signal circuit 2. ISC valve circuit 3. Fuel pump control circuit 4. Injector circuit 5. Ignition coil (with igniter) 6. Spark plug	DI–44 DI–27 DI–51 DI–41 IG–1 IG–1
Hot engine (Difficuil to start)	1. Starter signal circuit 2. ISC valve circuit 3. Fuel pump control circuit 4. Injector circuit 5. Ignition coil (with igniter) 6. Spark plug	DI–44 DI–27 DI–51 DI–41 IG–1 IG–1
Incorrect first idle (Poor idling)	1. ISC valve circuit	DI–27
High engine idle speed (Poor idling)	1. ISC valve circuit 2. ECU power source circuit 3. Back up power source circuit	DI–27 DI–48 DI–46
Low engine idle speed (Poor idling)	1. ISC valve circuit 2. Fuel pump control circuit 3. Injector circuit 4. Back up power source circuit	DI–27 DI–41 DI–41 DI–46
Rough idling (Poor idling)	1. ISC valve circuit 2. Injector circuit 3. Compression 4. Fuel pump control circuit 5. Back up power source circuit	DI–27 DI–41 EM–3 DI–51 DI–46
Hunting (Poor idling)	1. ISC valve circuit 2. ECU power source circuit 3. Fuel pump control circuit	DI–27 DI–48 DI–51
Hesitation/Poor acceleration (Poor driveability)	1. Injector circuit 2. Fuel pump control circuit	DI–41 DI–51
Muffler explosion, after fire (Poor driveability)	1. Ignition coil (with igniter) 2. Spark plug 3. Injector circuit	IG–1 IG–1 DI–41

Surging (Poor drefveability)	1. Fuel pump control circuit 2. Spark plug 3. Injector circuit	DI–51 IG–1 DI–41
Engine stall (Soon after starting)	1. Fuel pump control circuit 2. ISC valve circuit	DI–51 DI–27
Engine stall (After accelerator pedal releaseda)	1. Injector circuit 2. ISC valve circuit 3. Engine ECU	DI–41 DI–27 DI–48
Engine stall	1. ISC valve circuit	DI–27

*: See Pub. No. RM384E.