DI1IA–13

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 in numerical order given below.

Symptom	Suspect Area	See page
Engine does not crank (Does not start)	1. Starter	*1
No initial combustion (Does not start)	1. Engine ECU power source circuit 2. Igniter circuit 3. Fuel pump control circuit 4. Injector circuit	DI–73 DI–60 DI–57 DI–66
No complete combustion (Does not start)	1. Fuel pump control circuit 2. Igniter circuit 3. Injector circuit	DI–57 DI–60 DI–66
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–69 DI–69 DI–57 DI–60 IG–1 *2 DI–66
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–69 DI–51 DI–57 DI–66 DI–60 IG–1
Hot 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–69 DI–51 DI–57 DI–66 DI–60 IG–1
Incorrect first idle (Poor idling)	1. ISC valve circuit	DI–51
High engine idle speed (Poor idling)	1. ISC valve circuit 2. Engine ECU power source circuit 3. Back up power source circuit	DI–51 DI–73 DI–71
Low engine idle speed (Poor idling)	1. ISC valve circuit 2. Fuel pump control circuit 3. Injector circuit 4. Vacuum sensor circuit 5. Back up power source circuit	DI–51 DI–57 DI–66 DI–21 DI–71
Rough idling (Poor idling)	1. ISC valve circuit 2. Vacuum sensor circuit 3. Injector circuit 4. Variable resistor circuit 5. Igniter circuit 6. Compression 7. Fuel pump control circuit 8. Back up power source circuit	DI–51 DI–21 DI–66 DI–79 DI–60 *2 DI–57 DI–71
Hunting (Poor idling)	1. ISC valve circuit 2. Vacuum sensor circuit 3. Engine ECU power source circuit 4. Fuel pump control circuit	DI–51 DI–51 DI–73 DI–57

Hesitation/Poor acceleration (Poor driveability)	1. Vacuum sensor circuit 2. Injector circuit 3. Fuel pump control circuit 4. Variable resistor circuit 5. Igniter circuit	DI–21 DI–66 DI–57 DI–79 DI–60
Muffler explosion, after fire (Poor driveability)	1. Ignition coil with igniter 2. Spark plug 3. Injector circuit	DI–60 IG–1 DI–66
Surging (Poor driveability)	1. Fuel pump control circuit 2. Variable resistor circuit 3. Spark plug 4. Injector circuit	DI–57 DI–79 IG–1 DI–66
Soon after starting (Engine stall)	1. Fuel pump control circuit 2. Vacuum sensor circuit 3. ISC valve circuit	DI–57 DI–21 DI–51
After accelerator pedal depressed (Engine stall)	1. Vacuum sensor circuit	DI–21
After accelerator pedal released (Engine stall)	1. Injector circuit 2. ISC valve circuit 3. Engine ECU	DI–66 DI–51 IN–19
During A/C operation (Engine stall)	1. ISC valve circuit 2. A/C signal circuit 3. Engine ECU	DI–51 – IN–19
When shifting N to D (Engine stall)	1. ISC valve circuit	DI–51

*1: See Pub. No. RM436E.
*2: See Pub. No. RM321E.