DI4E2-05

PROBLEM SYMPTOMS TABLE

When no malfunction code can be 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 2. Starter relay	*1 *2
No initial combustion (Does not start)	1. Engine ECU power source circuit 2. Ignition circuit 3. Fuel pump control circuit 4. Injector circuit	DI–129 DI–106 DI–133 DI–66
No complete combustion (Does not start)	1. Fuel pump control circuit 2. Ignition circuit 3. Injector circuit	DI–133 DI–106 DI–66
Engine cranks normally (Difficult to start)	1. Starter signal circuit 2. ISC valve circuit 3. Fuel pump control circuit 4. No.1, No.2, No. 3, No. 4 Ignition coil (w/ igniter) 5. Spark plug 6. Compression 7. Injector circuit	DI–126 DI–103 DI–133 IG–4 IG–1 *1 DI–66
Cold engine (Difficult to start)	1.Starter signal circuit 2. ISC valve circuit 3. Fuel pump control circuit 4. Injector circuit 5. No.1, No.2, No. 3, No. 4 Ignition coil (w/ igniter) 6. Spark plug	DI–126 DI–103 DI–133 DI–66 IG–4 IG–1
Hot engine (Difficuil to start)	1. Starter signal circuit 2. ISC valve circuit 3. Fuel pump control circuit 4. Injector circuit 5. No.1, No.2 No. 3, No. 4 Ignition coil (w/ igniter) 6. Spark plug	DI–126 DI–103 DI–133 DI–66 IG–4 IG–1
Incorrect first idle (Poor idling)	1. ISC valve circuit	DI–103
High engine idle speed (Poor idling)	1. ISC valve circuit 2. Engine ECU power source circuit	DI–103 DI–129
Low engine idle speed (Poor idling)	1. ISC valve circuit 2. Fuel pump control circuit 3. Injector circuit 4. Air flow meter circuit	DI–103 DI–133 DI–66 DI–23
Rough idling (Poor idling)	1. ISC valve circuit 2. Air flow meter circuit 3. Injector circuit 4. Ignition circuit 5. Compression 6. Fuel pump control circuit	DI–103 DI–23 DI–66 DI–106 *1 DI–133

*1: See Pub. No. RM584E

*2: See Pub. No. RM652E

Hunting (Poor idling)	1. ISC valve circuit 2. Air flow meter circuit 3. Engine ECU power source circuit 4. Fuel pump control circuit	DI–103 DI–23 DI–129 DI–133
Hesitation/Poor acceleration (Poor driveability)	1. Air flow meter circuit 2. Injector circuit 3. Fuel pump control circuit 4. Ignition circuit 5. A/T faulty	DI–23 DI–66 DI–133 DI–106 –
Muffler explosion, after fire (Poor driveability)	1. No.1, No.2 No. 3, No. 4 Ignition coil (w/ igniter) 2. Spark plug 3. Injector circuit	IG–4 IG–1 DI–66
Surging (Poor driveability)	1. Fuel pump control circuit 2. Spark plug 3. Injector circuit	DI–133 IG–1 DI–66
Engine stall (Soon after starting)	1. Fuel pump control circuit 2. Air flow meter circuit 3. ISC valve circuit	DI–133 DI–23 DI–103
Engine stall (After accelerator pedal depressed)	1. Air flow meter circuit	DI–23
Engine stall (After accelerator pedal releaseda)	1. Injector circuit 2. ISC valve circuit 3. Engine ECU	DI–66 DI–103 DI–129