DI9T9–01

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	*
No initial combustion (Dies not start)	1. ECU power source circuit 2. Ignition circuit 3. Fuel pump control circuit 4. Injector circuit	DI–213 DI–205 DI–216 DI–202
No complete combustion (Does not start)	1. Fuel pump control circuit 2. Ignition circuit 3. Injector circuit	DI–216 DI–205 DI–202
Engine cranks normally (Difficult to start)	1. Starter signal circuit 2. ISC valve circuit 3. Fuel pump control circuit 4. Ignition coil 5. Spark plug 6. Compression 7. Injector circuit	DI–209 DI–191 DI–216 * * * DI–202
Cold engine (Difficult to start)	1. Starter signal circuit 2. ISC valve circuit 3. Fuel pump control circuit 4. Injector circuit 5. Ignition coil 6. Spark plug	DI–209 DI–191 DI–216 DI–202 * *
Hot engine (Difficuil to start)	1. Starter signal circuit 2. ISC valve circuit 3. Fuel pump control circuit 4. njector circuit 5. Ignition coil 6. Spark plug	DI–209 DI–191 DI–216 DI–202 * *
Incorrect first idle (Poor idling)	1. ISC valve circuit	DI–191
High engine idle speed (Poor idling)	1. ISC valve circuit 2. ECU power source circuit 3. Back up power source circuit	DI–191 DI–213 DI–211
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–191 DI–216 DI–202 DI–188 DI–211
Rough idling (Poor idling)	1. ISC valve circuit 2. Vacuum sensor circuit 3. Injector circuit 4. Variable resistor circuit 5. Ignition circuit 6. Compression 7. Fuel pump control circuit 8. Back up power source circuit	DI–191 DI–188 DI–202 DI–221 DI–205 * DI–216 DI–211
Hunting (Poor idling)	1. ISC valve circuit 2. Vacuum sensor circuit 3. ECU power source circuit 4. Fuel pump control circuit	DI–191 DI–188 DI–213 DI–216

Hesitation/Poor acceleration (Poor driveability)	1. Vacuum sensor circuit 2. Injector circuit 3. Fuel pump control circuit 4. Variable resistor circuit 5. Ignition circuit	DI–188 DI–202 DI–216 DI–221 DI–205
Muffler explosion, after fire (Poor driveability)	1. Ignition coil 2. Spark plug 3. Injector circuit	* * DI–202
Surging (Poor drefveability)	1. Fuel pump control circuit 2. Variable resistor circuit 3. Spark plug 4. Injector circuit	DI–216 DI–221 * DI–202
Engine stall (Soon after starting)	1. Fuel pump control circuit 2. Vacuum sensor circuit 3. ISC valve circuit	DI–216 DI–188 DI–191
Engine stall (After accelerator pedal depressed)	1. Vacuum sensor circuit	DI–188
Engine stall (After accelerator pedal releaseda)	1. Injector circuit 2. ISC valve circuit 3. Engine ECU	DI–202 DI–191 IN–19

*: See Pub. No. RM584E.