DI1HM-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 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	ST–5
	2. Starter relay	ST–15
No initial combustion (Does not start)	1. Engine ECU power source circuit	DI–49
	2. Ignition signal circuit	DI–24
	3. Fuel system circuit	DI–60
	4. Spark plug	*
	5. Injector circuit	DI–57
No complete combustion (Does not start)	1. Fuel system circuit	DI–60
	2. Ignition signal circuit	DI–24
	3. IIA	*
	4. Spark plug	*
	5. Injector circuit	DI–57
Engine cranks normally (Difficult to start)	1. Starter signal circuit	DI–42
	3. Fuel system circuit	DI–60
	4. IIA	*
	5. Spark plug	*
	6. Compression	*
	7. Injector circuit	DI–57
Cold engine (Difficult to start)	1. Starter signal circuit	DI–42
	3. Fuel system circuit	DI–60
	4. Injector circuit	DI–57
	5. IIA	*
	6. Spark plug	*
Hot engine (Difficult to start)	1. Starter signal circuit	DI–42
	3. Fuel system circuit	DI–60
	4. Injector circuit	DI–57
	5. IIA	*
	6. Spark plug	*
High engine idle speed (Poor idling)	1. Engine ECU power source circuit	DI–49
	2. Back up power source circuit	DI–54
Low engine idle speed (Poor idling)	3. Fuel system circuit	DI–60
	4. Injector circuit	DI–57
	5. Vacuum sensor circuit	DI–35
	6. Back up power source circuit	DI–54
Rough idling (Poor idling)	2. Vacuum sensor circuit	DI–35
	3. Injector circuit	DI–57
	4. Variable resistor circuit	DI–67
	5. Ignition signal circuit	DI–24
	6. Compression	*
	7. Fuel system circuit	DI–60
	8. IIA	*
	9. Spark plug	*
	10. Back up power source circuit	DI–54
Hunting (Poor idling)	2. Vacuum sensor circuit	DI–35
	3. Engine ECU power source circuit	DI–49
	4. Fuel system circuit	DI–60

*: See Pub RM467E

Symptom	Suspect Area	See page
Hesitation/Poor acceleration (Poor driveability)	1. Vacuum sensor circuit 2. Injector circuit 3. Fuel system circuit 4. Variable resistor circuit 5. Ignition signal circuit 6. IIA 7. Spark plug	DI–35 DI–57 DI–60 DI–67 DI–24 * *
Muffler explosion, after fire (Poor driveability)	1. IIA 2. Spark plug 3. Injector circuit	* * DI–57
Surging (Poor driveability)	1. Fuel system circuit 2. Variable resistor circuit 3 Spark plug 4. Injector circuit	DI–60 DI–67 * DI–57
Soon after starting (Engine stall)	1. Fuel system circuit 2. Vacuum sensor circuit	DI–60 DI–35
After accelerator pedal depressed (Engine stall)	1. Vacuum sensor circuit	DI–35
After accelerator pedal released (Engine stall)	1. Injector circuit 3. Engine ECU	DI–57 DI–49
During A/C operation (Engine stall)	1. Engine ECU	*1

*: See Pub RM467E

*1: See Pub RM585E