054QI–03

PROBLEM SYMPTOMS TABLE

When the malfunction is not confirmed in the DTC check and the problem still can not be confirmed in the basic inspection either, proceed to this problem symptoms table and troubleshoot according to the number given below.

Symptom	Suspected Area	See page
Engine does not crank (Does not start)	1. Starter	19–1
	2. Starter relay	19–1
	3. Neutral start switch	40–7
No initial combustion (Does not start)	1. ECM power source circuit	05–123
	2. Ignition coil with igniter	05–81
	3. Fuel control circuit	05–116
	4. Injector circuit	11–8
No complete combustion (Does not start)	1. Ignition coil with igniter	05–81
	2. Fuel control circuit	05–116
	3. Injector circuit	11–8
Engine cranks normally (Difficult to start)	1. Starter signal circuit	05–111
	2. Ignition coil with igniter	05–81
	3. Spark plug	18–2
	4. Compression	14–1
	5. Injector circuit	11–8
	6. Fuel control circuit	05–116
Cold engine (Difficult to start)	1. Starter signal circuit	05–111
	2. Injector circuit	11–8
	3. Ignition coil with igniter	05–81
	4. Spark plug	18–2
	5. Fuel control circuit	05–116
Hot engine (Difficult to start)	1. Starter signal circuit	05–111
	2. Injector circuit	11–8
	3. Ignition coil	05–81
	4. Spark plug	18–2
	5. Fuel control circuit	05–116
High engine idle speed (Poor idling)	1. ECM power source circuit	05–123
	2. Back up power source circuit	05–121
	3. Throttle position sensor circuit	05–39
Low engine idle speed (Poor idling)	1. Injector circuit	11–8
	2. Back up power source circuit	05–121
	3. Fuel control circuit	05–116
Rough idling (Poor idling)	1. Mass air flow memer circuit	05–25
	2. Injector circuit	11–8
	3. Fuel control circuit	05–116
	4. Ignition coil with igniter	05–81
	5. Compression	14–1
Hunting (Poor idling)	1. ECM power source circuit	05–123
	2. Fuel control circuit	05–116
	3. Mass air flow meter circuit	05–25
Hesitation/Poor acceleration (Poor drive ability)	1. Injector circuit	11–8
	2. Ignition coil with igniter	05–81
	3. Fuel control circuit	05–116
	4. Throttle position sensor circuit	05–39
Muffler explosion after fire (Poor drive ability)	1. Ignition coil	05–81
	2. Spark plug	18–2
	3. Injector circuit	11–8
Surging (Poor drive ability)	1. Spark plug	18–2
	2. Injector circuit	11–8
Engine stall (Soon after starting)	1. Fuel control circuit	05–116
	2. Mass air flow meter circuit	05–25

Engine stall (After accelerator pedal depressed)	1. Injector circuit 2. Mass air flow meter circuit 3. ECM	11–8 05–25 01–31
Engine stall (After accelerator pedal released)	1. ECM 2. Mass air flow meter circuit	01–31 05–25
Engine stall (During A/C operation)	1. A/C signal circuit (Compressor circuit) 2. ECM	05–745 01–31