054QI–02

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	19–8
	2. Starter relay	19–8
	3. Neutral start switch	40–7
No initial combustion (Does not start)	1. ECM power source circuit	05–278
	2. Ignition coil with igniter	05–236
	3. Fuel control circuit	05–271
	4. Injector circuit	05–189
No complete combustion (Does not start)	1. Ignition coil with igniter	05–236
	2. Fuel control circuit	05–271
	3. Injector circuit	05–189
Engine cranks normally (Difficult to start)	1. Starter signal circuit	05–260
	2. Ignition coil with igniter	05–236
	3. Spark plug	18–4
	4. Compression	14–66
	5. Injector circuit	05–189
	6. Fuel control circuit	05–271
Cold engine (Difficult to start)	1. Starter signal circuit	05–260
	2. Injector circuit	05–189
	3. Ignition coil with igniter	05–236
	4. Spark plug	18–4
	5. Fuel control circuit	05–271
Hot engine (Difficult to start)	1. Starter signal circuit	05–260
	2. Injector circuit	05–189
	3. Ignition coil	05–236
	4. Spark plug	18–4
	5. Fuel control circuit	05–271
High engine idle speed (Poor idling)	1. ECM power source circuit	05–278
	2. Back up power source circuit	05–276
	3. Throttle position sensor circuit	05–198
Low engine idle speed (Poor idling)	1. Injector circuit	05–189
	2. Back up power source circuit	05–276
	3. Fuel control circuit	05–271
Rough idling (Poor idling)	1. Mass air flow memer circuit	05–154
	2. Injector circuit	05–189
	3. Fuel control circuit	05–271
	4. Ignition coil with igniter	05–236
	5. Compression	14–66
Hunting (Poor idling)	1. ECM power source circuit	05–278
	2. Fuel control circuit	05–271
	3. Mass air flow meter circuit	05–154
	4. Throttle position sensor circuit	05–198
Hesitation/Poor acceleration (Poor drive ability)	1. Injector circuit	05–189
	2. Ignition coil with igniter	05–236
	3. Fuel control circuit	05–271
Muffler explosion after fire (Poor drive ability)	1. Ignition coil	05–236
	2. Spark plug	18–4
	3. Injector circuit	05–189
Surging (Poor drive ability)	1. Spark plug	18–4
	2. Injector circuit	05–189
Engine stall (Soon after starting)	1. Fuel control circuit	05–271
	2. Mass air flow meter circuit	05–154

Engine stall (After accelerator pedal depressed)	1. Injector circuit 2. Mass air flow meter circuit 3. ECM	18–4 05–154 01–31
Engine stall (After accelerator pedal released)	1. ECM 2. Mass air flow meter circuit	01–31 05–154
Engine stall (During A/C operation)	1. A/C signal circuit (Compressor circuit) 2. ECM	05–745 01–31