PROBLEM SYMPTOMS TABLE

HINT:
When a malfunction is not confirmed by a DTC (Diagnostic Trouble Code) check and the cause of problem cannot be identified through a basic inspection, troubleshoot according to the priority order indicated in the table below.

SFI SYSTEM

Symptom	Suspected Area	See page
Engine does not crank (does not start)	1. Immobilizer system	EI-2
	2. Starter	ST-7
	3. STARTER Relay	ST-14
	4. Cranking holding function circuit	ES-461
No initial combustion (does not start)	1. ECM power source circuit	ES-437
	2. Ignition system	IG-5
	3. Fuel pump control circuit	ES-451
	4. Injector	FU-16
	5. VC output circuit	ES-444
	6. ECM	ES-498
Difficult to start (engine cranks normally)	1. Electronic Throttle Control System (ETCS)	ES-329
	2. Fuel pump control circuit	ES-451
	3. Ignition system	IG-5
	4. Spark plug	IG-7
	5. Compression	EM-3
	6. Injector	FU-16
	7. VC output circuit	ES-444
Difficult to start with cold engine	1. Cranking holding function circuit	ES-461
	2. Electronic Throttle Control System (ETCS)	ES-329
	3. Fuel pump control circuit	ES-451
	4. Spark plug	IG-7
	5. Ignition system	IG-6
	6. Injector	FU-16
	7. Engine coolant temperature sensor	ES-516
Difficult to start with hot engine	1. Cooling fan system	CO-4
	2. Cranking holding function circuit	ES-461
	3. Electronic Throttle Control System (ETCS)	ES-329
	4. Fuel pump control circuit	ES-451
	5. Spark plug	IG-7
	6. Ignition system	IG-5
	7. Injector	FU-16
	8. Engine coolant temperature sensor	ES-516
High engine idle speed (poor idling)	1. Electronic Throttle Control System (ETCS)	ES-329
	2. ECM power source circuit	ES-437
	3. A/C signal circuit (Compressor circuit)	-
	4. Acoustic Control Induction System (ACIS)	ES-470
	5. PCV hose	EC-15
	6. ECM	ES-498

Symptom	Suspected Area	See page
Low engine idle speed (poor idling)	1. Electronic Throttle Control System (ETCS)	ES-329
	2. ECM power source circuit	ES-437
	3. A/C signal circuit (Compressor circuit)	-
	4. Acoustic Control Induction System (ACIS)	ES-470
	5. PCV hose	EC-5
	6. Injector	FU-16
	7. ECM	ES-498
Rough idling (poor idling)	1. Electronic Throttle Control System (ETCS)	ES-329
	2. Injector	FU-16
	3. Ignition system	IG-6
	4. Compression	EM-3
	5. Fuel pump control circuit	ES-451
	6. Spark plug	IG-7
	7. Acoustic Control Induction System (ACIS)	ES-470
	8. PCV hose	EC-5
Hunting (poor idling)	1. Electronic Throttle Control System (ETCS)	ES-329
	2. ECM power source circuit	ES-437
	3. Fuel pump control circuit	ES-451
	4. Spark plug	IG-7
	5. Ignition system	IG-6
	6. Injector	FU-16
	7. Acoustic Control Induction System (ACIS)	ES-470
	8. PCV hose	EC-5
Hesitation/Poor acceleration (poor driveability)	1. Injector	FU-16
	2. Fuel pump control circuit	ES-451
	3. Ignition system	IG-6
	4. Spark plug	IG-7
	5. Air Intake Control System (AICS)	ES-470
	6. A/T faulty (U151E)	AX-6
	7. A/T faulty (U151F)	AX-6
Surging (poor driveability)	1. Fuel pump control circuit	ES-451
	2. Spark plug	IG-7
	3. Ignition system	IG-6
	4. Injector	FU-16
Engine stalls soon after starting	1. Fuel pump control circuit	ES-451
	2. Electronic Throttle Control System (ETCS)	ES-329
	3. Crankshaft position sensor	ES-514
	4. Spark plug	IG-7
	5. Ignition system	IG-6
	6. Injector	FU-16
Engine stalls during A/C operation	1. A/C signal circuit (Compressor circuit)	-
	2. ECM	ES-498
Unable/difficult to refuel	Refueling valve (canister)	-
Engine vibrates frequently when idling (Active Control)	Active control engine mount circuit	ES-397