

PROBLEM SYMPTOMS TABLE

HINT:

Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

Symptom	Suspected area	See page
Engine does not crank (Does not start)	1. Battery	CH-5
	2. Starter	ST-8
	3. Starter relay	ST-16
	4. Park/neutral position switch	AX-132
	5. Immobiliser system	EI-3
No initial combustion (Does not start)	1. ECM power source circuit	ES-402
	2. Crankshaft position sensor	ES-448
	3. VVT sensor	ES-214
	4. Ignition system	IG-5
	5. Fuel pump control circuit	ES-414
	6. ECM	ES-470
	7. VC output circuit	ES-408
Engine cranks normally but difficult to start	1. Fuel pump control circuit	ES-414
	2. Compression	EM-3
Difficult to start with cold engine	1. Ignition system	IG-5
	2. Spark plug	IG-7
	3. Fuel pump control circuit	ES-414
	4. Injector	FU-15
Difficult to start with warm engine	1. Injector	FU-15
	2. Ignition system	IG-5
	3. Spark plug	IG-7
	4. Fuel pump control circuit	ES-414
High engine idle speed	1. Electronic throttle control system	ES-311
	2. A/C signal circuit	-
	3. ECM power source circuit	ES-402
	4. Acoustic Control Induction System (ACIS)	ES-423
Low engine idle speed (Poor idling)	1. Electronic throttle control system	ES-311
	2. A/C signal circuit	-
	3. Fuel pump control circuit	ES-414
	4. Air induction system	IT-5
	5. Acoustic Control Induction System (ACIS)	ES-423
	6. PCV hose	-

Symptom	Suspected area	See page
Rough idling	1. Compression	EM-3
	2. Spark plug	IG-7
	3. Injector	FU-15
	4. Ignition system	IG-5
	5. Fuel pump control circuit	ES-414
	6. Electronic throttle control system	ES-311
	7. Air induction system	IT-5
	8. Acoustic Control Induction System (ACIS)	ES-423
	9. PCV hose	-
	10. Mass air flow meter	ES-435
Idle hunting	1. Electronic throttle control system	ES-311
	2. Air induction system	IT-5
	3. ECM power source circuit	ES-402
	4. Acoustic Control Induction System (ACIS)	ES-423
Hesitation/Poor acceleration	1. Fuel pump control circuit	ES-414
	2. Spark plug	IG-7
	3. Ignition system	IG-5
	4. Injector	FU-15
	5. Mass air flow meter	ES-435
	6. Electronic throttle control system	ES-311
	7. Air induction system	IT-5
	8. Compression	EM-3
	9. Air Intake Control System (AICS)	ES-426
Surging (Poor driveability)	1. Spark plug	IG-7
	2. Fuel pump control circuit	ES-414
	3. Ignition system	IG-5
	4. Injector	FU-15
	5. Mass air flow meter	ES-435
	6. Variable valve timing system	ES-439
	7. Compression	EM-3
Engine stalls soon after starting	1. Fuel pump control circuit	ES-414
	2. Spark plug	IG-7
	3. Ignition system	IG-5
	4. Injector	FU-15
	5. Variable valve timing system	ES-439
	6. Electronic throttle control system	ES-311
	7. Air induction system	IT-5
	8. PCV hose	-
	9. Compression	EM-3
Engine stalls only during A/C operation	1. A/C signal circuit	-
	2. ECM	ES-470
Unable/difficult to refuel	1. Refueling valve (canister)	-