

Last Modified: 6-2-2008	5.1 T	From: 200601
Model Year: 2007	Model: Camry	Doc ID: RM000002205002X
Title: 2GR-FE ENGINE CONTROL SYSTEM: SFI SYSTEM: PROBLEM SYMPTOMS TABLE (2007 Camry)		

PROBLEM SYMPTOMS TABLE

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
Without Smart Key System: Engine does not crank (Does not start)	1. Immobilizer system (with smart key system)	INFO
	2. Immobilizer system (without smart key system)	INFO
	3. Starter signal circuit	INFO
	4. Starter	INFO
	5. STARTER relay	INFO
With Smart Key System: Engine does not crank (Does not start)	1. Immobilizer system (with smart key system)	INFO
	2. Immobilizer system (without smart key system)	INFO
	3. Cranking holding function circuit	INFO
	4. Starter signal circuit	INFO
	5. Starter	INFO
	6. STARTER relay	INFO
	7. ECM power source circuit	INFO
	8. ECM	INFO
	1. ECM power source circuit	INFO
	2. Ignition system	INFO

SYMPTOM	SUSPECTED AREA	SEE PAGE
	3. Fuel pump control circuit	INFO
	4. Injector	INFO
	5. Crank angle sensor	INFO
	6. ECM	INFO
Engine cranks normally but difficult to start	1. Electronic Throttle Control System (ETCS)	INFO
	2. Fuel pump control circuit	INFO
	3. Ignition system	INFO
	4. Spark plug	INFO
	5. Compression	INFO
	6. Injector	INFO
	7. Crank angle sensor	INFO
Difficult to start with cold engine	1. Starter signal circuit	INFO
	2. Electronic Throttle Control System (ETCS)	INFO
	3. Fuel pump control circuit	INFO
	4. Spark plug	INFO
	5. Ignition system	INFO
	6. Injector	INFO
	7. Engine coolant temperature sensor	INFO
	1. Starter signal circuit	INFO
	2. Electronic Throttle Control System (ETCS)	INFO
	3. Fuel pump control circuit	INFO
	4. Spark plug	INFO

SYMPTOM	SUSPECTED AREA	SEE PAGE
	5. Ignition system	INFO
	6. Injector	INFO
	7. Engine coolant temperature sensor	INFO
High engine idling speed (Poor idling)	1. Electronic Throttle Control System (ETCS)	INFO
	2. ECM power source circuit	INFO
	3. A/C signal circuit (Compressor circuit)	-
	4. Acoustic Control Induction System (ACIS)	INFO
	5. PCV hose	INFO
	6. ECM	INFO
Low engine idling speed (Poor idling)	1. Electronic Throttle Control System (ETCS)	INFO
	2. ECM power source circuit	INFO
	3. A/C signal circuit (Compressor circuit)	-
	4. Acoustic Control Induction System (ACIS)	INFO
	5. PCV hose	INFO
	6. Injector	INFO
	7. ECM	INFO
	1. Electronic Throttle Control System (ETCS)	INFO
	2. Injector	INFO
	3. Ignition system	INFO
	4. Compression	INFO

SYMPTOM	SUSPECTED AREA	SEE PAGE
	5. Fuel pump control circuit	INFO
	6. Spark plug	INFO
	7. Acoustic Control Induction System (ACIS)	INFO
	8. PCV hose	INFO
Hunting (Poor idling)	1. Electronic Throttle Control System (ETCS)	INFO
	2. ECM power source circuit	INFO
	3. Fuel pump control circuit	INFO
	4. Spark plug	INFO
	5. Ignition system	INFO
	6. Injector	INFO
	7. Acoustic Control Induction System (ACIS)	INFO
	8. PCV hose	INFO
Hesitation/Poor acceleration (Poor driveability)	1. Injector	INFO
	2. Fuel pump control circuit	INFO
	3. Ignition system	INFO
	4. Spark plug	INFO
	5. Air Intake Control System (AICS)	INFO
	6. A/T faulty	INFO
	1. Fuel pump control circuit	INFO
	2. Spark plug	INFO
	3. Ignition system	INFO
	4. Injector	INFO

SYMPTOM	SUSPECTED AREA	SEE PAGE
Engine stalls soon after starting	1. Fuel pump control circuit	INFO
	2. Electronic Throttle Control System (ETCS)	INFO
	3. Crank angle sensor	INFO
	4. Spark plug	INFO
	5. Ignition system	INFO
	6. Injector	INFO
Engine stalls during A/C operation	1. A/C signal circuit	-
	2. ECM	INFO
Unable/difficult to refuel	Refueling valve (canister)	-
Engine vibrates frequently when idling (Active Control engine Mount (ACM) system does not operate)	Active control engine mount circuit	INFO

