


















## Fuel System Diagnosis

Condition	Possible Cause	Action
<b>Engine will not start or is hard to start (No fuel reaching the intake manifold)</b>	Clogged fuel filter or fuel hose.	<i>Clean or replace.</i>
	Defective fuel pump.	<i>Replace.</i>
	Defective fuel pressure regulator.	<i>Replace.</i>
	Defective fuel injectors.	<i>Replace.</i>
	Defective fuel pump relay.	<i>Replace.</i>
	Defective ECM.	<i>Replace.</i>
	Open-circuited wiring connections.	<i>Check and repair.</i>
<b>Engine will not start or is hard to start (Incorrect fuel/air mixture)</b>	Defective fuel pump.	<i>Replace.</i>
	Defective fuel pressure regulator.	<i>Replace.</i>
	Defective TP sensor.	<i>Replace.</i>
	Defective CKP sensor.	<i>Replace.</i>
	Defective IAP sensor.	<i>Replace.</i>
	Defective AP sensor.	<i>Replace.</i>
	Defective ECM.	<i>Replace.</i>
	Defective ECT sensor.	<i>Replace.</i>
	Defective IAT sensors.	<i>Replace.</i>
	Defective ISC valve.	<i>Replace the throttle body.</i>
	TP sensor out of adjustment.	<i>Adjust or replace.</i>
	Dirty throttle body.	<i>Clean.</i>
<b>Engine stalls often (Incorrect fuel/air mixture)</b>	Defective IAP sensor or circuit.	<i>Repair or replace.</i>
	Clogged fuel filter.	<i>Clean or replace.</i>
	Defective fuel pump.	<i>Replace.</i>
	Defective fuel pressure regulator.	<i>Replace.</i>
	Damaged or cracked vacuum hose.	<i>Replace.</i>
	Defective ECT sensor.	<i>Replace.</i>
	Defective thermostat.	<i>Replace.</i>
	Defective IAT sensor.	<i>Replace.</i>
	Defective ISC valve.	<i>Replace the throttle body.</i>
<b>Engine stalls often (Fuel injector improperly operating)</b>	Defective fuel injectors.	<i>Replace.</i>
	No injection signal from ECM.	<i>Repair or replace.</i>
	Open or short circuited wiring connection.	<i>Repair or replace.</i>
	Defective battery or low battery voltage.	<i>Replace or recharge.</i>
<b>Engine runs poorly in high</b>	Low fuel pressure.	<i>Repair or replace.</i>

<b>speed range (Defective control circuit or sensor)</b>	Defective fuel pressure regulator.	Replace. 
	Defective TP sensor.	Replace. 
	Defective IAT sensor.	Replace. 
	Defective IAP sensor.	Replace. 
	Defective AP sensor.	Replace. 
	Defective ECM.	Replace. 
	Defective CKP sensor.	Replace. 
	TP sensor out of adjustment.	Adjust or replace. 
<b>Engine lacks power (Defective control circuit or sensor)</b>	Low fuel pressure.	Repair or replace.
	Defective fuel pressure regulator.	Replace. 
	Defective TP sensor.	Replace. 
	Defective IAT sensor.	Replace. 
	Defective CKP sensor.	Replace. 
	Defective IAP sensor.	Replace. 
	Defective ECM.	Replace. 
	Defective FP relay.	Replace.
	Defective ECT sensor.	Replace. 
	TP sensor out of adjustment.	Adjust or replace. 