

# 1982 Fuel Systems

## CARBURETOR TROUBLE SHOOTING

CONDITION	POSSIBLE CAUSE	CORRECTION
<b>Engine Won't Start</b>	Choke not closing Choke linkage bent	Check choke operation, see FUEL Check linkage, see FUEL
<b>Engine Starts, Then Dies</b>	Choke vacuum kick setting too wide Fast idle RPM too low Fast idle cam index incorrect Vacuum leak Low fuel pump outlet Low carburetor fuel level	Check setting and adjust, see FUEL Reset RPM to specification, see TUNE-UP Reset fast idle cam index, see FUEL Inspect vacuum system for leaks Repair or replace pump, see FUEL Check float setting, see FUEL
<b>Engine Quits Under Load</b>	Choke vacuum kick setting incorrect Fast idle cam index incorrect Incorrect hot fast idle speed RPM	Reset vacuum kick setting, see FUEL Reset fast idle cam index, see FUEL Reset fast idle RPM, see TUNE-UP
<b>Engine Starts, Runs Up, Then Idles Slowly With Black Smoke</b>	Choke vacuum kick set too narrow Fast idle cam index incorrect Hot fast idle RPM too low	Reset vacuum kick, see FUEL Reset fast idle cam index, see FUEL Reset fast idle RPM, see TUNE-UP
<b>HOT STARTING SYMPTOMS</b>		
<b>Engine Won't Start</b>	Engine flooded	Allow fuel to evaporate
<b>COLD ENGINE DRIVEABILITY SYMPTOMS</b>		
<b>Engine Stalls in Gear</b>	Choke vacuum kick setting incorrect Fast idle RPM incorrect Fast idle cam index incorrect	Reset choke vacuum kick, see FUEL Reset fast idle RPM, see TUNE-UP Reset fast idle cam index, see FUEL
<b>Acceleration Sag or Stall</b>	Defective choke control switch Choke vacuum kick setting incorrect Float level incorrect (too low) Accelerator pump defective Secondary throttles not closed	Replace choke control switch Reset choke vacuum kick, see FUEL Adjust float level, see FUEL Repair or replace pump, see FUEL Inspect lockout adjustment, see FUEL
<b>Sag or Stall After Warmup</b>	Defective choke control switch Defective accelerator pump (low output) Float level incorrect (too low)	Replace choke control switch, see FUEL Replace pump, see FUEL Adjust float level, see FUEL
<b>Backfiring &amp; Black Smoke</b>	Plugged heat crossover system	Remove restriction
<b>WARM ENGINE DRIVEABILITY SYMPTOM</b>		
<b>Hesitation With Small Amount of Gas Pedal Movement</b>	Vacuum leak Accelerator pump weak or inoperable Float level setting too low Metering rods sticking or binding Carburetor idle or transfer system plugged Frozen or binding heated air inlet	Inspect vacuum lines Replace pump, see FUEL Reset float level, see FUEL Inspect and/or replace rods, see FUEL  Inspect system and remove restrictions Inspect heated air door for binding
<b>Hesitation With Heavy Gas Pedal Movement</b>	Defective accelerator pump Metering rod carrier sticking or binding Large vacuum leak Float level setting too low Defective fuel pump, lines or filter Air door setting incorrect	Replace pump, see FUEL Remove restriction Inspect vacuum system and repair leak Reset float level, see FUEL Inspect pump, lines and filter Adjust air door setting, see FUEL

**NOTE:** For additional carburetor trouble shooting information, see the appropriate article in **COMPUTERIZED ENGINE CONTROLS** Section.