

**Robert Bosch
Automotive Service**



D-Jetronic Fuel injection

**Trouble-shooting guide
D-Jetronic fuel injection:
EFI with manifold
pressure sensing**

SYMPTOM

Engine cranks but does not start

Engine starts but then dies

Rough or unstable idle

Idle speed incorrect

Erratic running

Engine misses when driving

Fuel consumption too high

CAUSE**Trouble-shooting guide
for D-Jetronic fuel injection**

This guide is designed to be used in conjunction with the Robert Bosch Jetronic Service Manual.

REMEDY

●	●	●	●	●	●	●	●	Defect in ignition system	Check battery, distributor, plugs, coil and timing
●	●	●	●	●	●	●	●	Mechanical defect in engine	Check compression, valve adj. and oil pressure
●								Fuel pump not operating	Check pump fuse, pump relay and pump
●	●							Relay defective; wire to injector open	Test relay, check wiring harness
●	●	●					●	Blockage in fuel system	Check fuel tank, filter and lines for free flow
	●	●	●	●	●		●	Leaks in air intake system	Check all hoses and connections; eliminate leaks
		●		●	●	●	●	Fuel system pressure incorrect	Test and adjust at pressure regulator
	●				●			Trigger contacts in distributor defective	Replace trigger contacts
●		●					●	Cold start valve defect	Check for spray or leakage
●								Thermo-time switch defective	Test thermo-time switch for correct function
	●		●					Auxiliary air valve not operating correctly	Must be open with cold engine; closed with warm
●	●						●	Temperature sensor II defective	Test for 2-3 k Ω at 68° F.
●	●	●		●		●	●	Pressure sensor defective	Test with ohmmeter
		●	●				●	Throttle butterfly does not completely close or open	Readjust throttle stops
		●	●	●			●	Throttle valve switch incorrectly adjusted or defective	Adjust as necessary or replace
	●	●	●					Idle speed incorrectly adjusted	Adjust idle speed with bypass screw
		●	●	●	●		●	Defective injection valve	Check valves individually for spray
●	●	●		●	●			Loose connection in wiring harness or system ground	Check and clean all connections
●	●			●	●		●	Control unit defective	Use known good unit to confirm defect