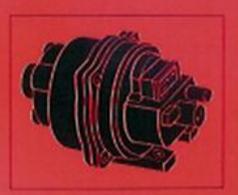
Robert Bosch Automotive Service



D-Jetronic Fuel injection

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

ROBERT BOSCH

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•	•	•	•	•	•		•	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
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