

FUEL INJECTION SEQUENCE CHECK

1. Fuel in tank.
 - a. Remove filler cap and listen for vacuum
 - b. If vacuum, check tank breathing
2. Cycle pump.
 - a. Turn on ignition, pump runs $1\frac{1}{2}$ seconds
3. Battery capacity check.
 - a. Load 130 amps - 15 seconds - should be $9\frac{1}{2}$ volts or more
4. Starter draw test.
 - a. Minimum voltage 9
 - b. Maximum amps 150
5. Voltage loss, check terminal 30/51 and 85 of computer relay.
 - a. Minimum voltage at 85 = 11 volts
 - b. Minimum voltage 30/51 = 12 volts
 - c. Check relay ground
6. Voltage loss, check terminal 15 coil.
 - a. Key on - points closed = 11 volts minimum
7. Voltage loss, check across points.
 - a. Maximum .2 volt
8. Check wiring from computer relay to computer at double connector wires #16-24.
9. Check injector grounds (2) and computer ground #11.
10. Check hoses to pressure sensor, pressure switch and auxillary air valve.
11. Check connections at injectors, temp sensor 1 and throttle switch.
 - a. Remove all traces of dirt and oil
12. Check temp sensor 2 in head for clean threads and good connection to harness.
13. Check for spark at plugs.
 - a. Check valve lash
14. Start engine and run complete secondary check with emphasis on individual cylinder performance.
 - a. Correct all differances
 - b. Check timing and correct
 - c. Check vacuum for fluctuations
15. Connect Bosch testor and test all components. Remember the following :
 - a. The warmer the sensor the lower the resistance value
Example: Sensor #1 at 62° 350 ohms resistance
90° 200 ohms etc.
16. Test harness with ohm meter for continuity and resistance.

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17. Lay hacksaw blade in 25 prong connector and adjust all tabs.
18. Reinstall computer.
19. Adjust fuel pressure - throttle switch and idle speed.
 - a. Adjust throttle switch with engine cold
20. Test drive.