

1975-79 EXHAUST EMISSION SYSTEMS

Chrysler Corp. Full Electric Choke System

3-85

1978-79 Chrysler Corp.

DESCRIPTION

All Omni and Horizon engines require battery power to heat the automatic choke system. An electric heater and switch are sealed within the choke housing. Electric current is supplied to this unit from the oil pressure switch. Above 4 psi oil pressure, the oil sending unit contacts close and power is available to the choke control switch.

At winter temperatures, the choke switch is open to reduce heater output until choke area temperature is relatively warm. It then closes to provide full electric assist to open the choke. In summer temperatures, switch provides maximum choke heater output for a shortened choke on time.

TESTING

To test heater element, turn ignition switch on, or connect 12 volts to "B+" terminal connection. The choke should reach the open position within 5 minutes.

SERVICING

- 1) Choke assembly removal is not required to adjust the full electric choke. If necessary, readjust to the specified mark.
- 2) If necessary, remove retainer screws and remove choke cover. Use caution to prevent loss of small plastic bushing located between the thermostat loop and pin. The loop and bushing must be placed over the pin during assembly.

- 3) Do not immerse choke assembly in any cleaning fluids, as damage to the mechanism could result.

