

**6. INSTRUMENTS AND GAUGES****6-A. Speedometer (Cable Operated)****1. Speedometer does not work**

- Check and verify that the speedometer cable is properly seated into the speedometer assembly and the speedometer drive gear.
- Check the speedometer cable for breakage or rounded-off cable ends where the cable seats into the speedometer drive gear and into the speedometer assembly. If damaged, broken or the cable ends are rounded off, replace the cable.
- Check speedometer drive gear condition and replace as necessary.
- Install a known good speedometer to test for proper operation. If the substituted speedometer functions properly, replace the speedometer assembly.

**2. Speedometer needle fluctuates when driving at steady speeds.**

- Check speedometer cable routing or sheathing for sharp bends or kinks. Route cable to minimize sharp bends or kinks. If the sheathing has been damaged, replace the cable assembly.
- Check the speedometer cable for adequate lubrication. Remove the cable, inspect for damage, clean, lubricate and reinstall. If the cable has been damaged, replace the cable.

**3. Speedometer works intermittently**

- Check the cable and verify that the cable is fully installed and the fasteners are secure.
- Check the cable ends for wear and rounding, and replace as necessary.

**6-B. Speedometer (Electronically Operated)****1. Speedometer does not work**

- Check the speed sensor pickup and replace as necessary.
- Check the wiring between the speed sensor and the speedometer

- for corroded terminals, loose connections or broken wires and clean or repair as necessary.
- Install a known good speedometer to test for proper operation. If the substituted speedometer functions properly, replace the speedometer assembly.

**2. Speedometer works intermittently**

- Check the wiring between the speed sensor and the speedometer for corroded terminals, loose connections or broken wires and clean or repair as necessary.
- Check the speed sensor pickup and replace as necessary.

**6-C. Fuel, Temperature and Oil Pressure Gauges****1. Gauge does not register**

- Check for a missing or blown fuse and replace as necessary.
- Check for an open circuit in the gauge wiring. Repair wiring as necessary.
- Gauge sending unit defective. Replace gauge sending unit.
- Gauge or sending unit improperly installed. Verify installation and wiring, and repair as necessary.

**2. Gauge operates erratically**

- Check for loose, shorted, damaged or corroded electrical connections or wiring and repair as necessary.
- Check gauge sending units and replace as necessary.

**3. Gauge operates fully pegged**

- Sending unit-to-gauge wire shorted to ground.
- Sending unit defective; replace sending unit.
- Gauge or sending unit not properly grounded.
- Gauge or sending unit improperly installed. Verify installation and wiring, and repair as necessary.

**7. CLIMATE CONTROL****7-A. Air Conditioner****1. No air coming from air conditioner vents**

- Check the air conditioner fuse and replace as necessary.
- Air conditioner system discharged. Have the system evacuated, charged and leak tested by an MVAC certified technician, utilizing approved recovery/recycling equipment. Repair as necessary.
- Air conditioner low pressure switch defective. Replace switch.
- Air conditioner fan resistor pack defective. Replace resistor pack.
- Loose connection, broken wiring or defective air conditioner relay in air conditioning electrical circuit. Repair wiring or replace relay as necessary.

**2. Air conditioner blows warm air**

- Air conditioner system is discharged. Have the system evacuated, charged and leak tested by an MVAC certified technician,

utilizing approved recovery/recycling equipment. Repair as necessary.

- Air conditioner compressor clutch not engaging. Check compressor clutch wiring, electrical connections and compressor clutch, and repair or replace as necessary.

**3. Water collects on the interior floor when the air conditioner is used**

- Air conditioner evaporator drain hose is blocked. Clear the drain hose where it exits the passenger compartment.
- Air conditioner evaporator drain hose is disconnected. Secure the drain hose to the evaporator drainage tray under the dashboard.

**4. Air conditioner has a moldy odor when used**

- The air conditioner evaporator drain hose is blocked or partially restricted, allowing condensation to build up around the evapo-