TEMPCON
ISO 9001
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DUAL ZONE DUAL BLOWER (DZDB) TROUBLESHOOTING GUIDE
OVERVIEW

The DZDB system is essentially two complete HVAC systems combined into one base unit that utilizes a common A/C evaporator with separate heater cores and blower systems for the driver and passenger sides. Other common elements of the system include the vacuum system, air distribution system, A/C component system, and heater core supply system. Refer to the appropriate troubleshooting guide for diagnosis of problems that involve these portions of the DZDB HVAC system.

Most problems involving the control of the system result from faulty connections between the component harnesses in the HVAC system. If some or all system components do not operate properly, **first** check that wiring connections are securely made. Check that ground connections have been made to locations that are indeed grounded to the vehicle electrical system, and make certain no fuses have blown as a result of accidental shorts. If a short persists, check to see if a mounting screw has inadvertently been driven through a wire. Pull on both ends of all connections to insure solid locking between connector halves. Examine wires in connectors to insure they are properly seated in the connector cavities. Use an ohmmeter or a test lamp at both sides to confirm electrical continuity. Most electrical and wiring faults are easily identified and corrected with these techniques.

Note: *It is possible during manufacture of the fuse panel to insert a terminal into the relay cavity and have it not lock into place yet still make contact during 100% functional testing at Evans, and then have the terminal break contact with the relay due to road vibration.*