

HEATER TROUBLESHOOTING GUIDE FOR EVANS TEMPCON

HEATER - A/C SYSTEMS

<u>PROBLEM</u>	<u>POSSIBLE CAUSES</u>	<u>REMEDY</u>
1 Inadequate or no heat (discharge air only slightly warm or neutral).	<ul style="list-style-type: none"> * Engine cooling system is low on coolant. * Water valve stuck closed. * Excessive air leaks in coach bodywork and firewall under dash. 	<ul style="list-style-type: none"> * Check engine coolant level per chassis manufacturer's recommendation. Add coolant as required. * Cable Operated Valve: Examine coolant valve cable under the hood, and at the control panel behind the dash to ensure that the actuator cable is correctly installed at both locations. Operate the valve by sliding the temperature control lever on the control panel back and forth and observe crank rotation at the valve. With engine running at normal operating temp, position control panel knob to full heat. Hoses on both sides of valve should be hot to touch. If not, replace coolant valve. * Locate and seal leaks as required.

NOTE: FOLLOW DIAGNOSIS PROCEDURE IN "REMEDY" COLUMN IN THE ORDER LISTED

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<u>PROBLEM</u>	<u>POSSIBLE CAUSES</u>	<u>REMEDY</u>
1 Continued...	<ul style="list-style-type: none"> * Pinched heater hose or other system flow restriction. * Engine running cold. Engine thermostat stuck open. * Misadjusted or damaged blend door assembly (Blend Air System only). 	<ul style="list-style-type: none"> * Examine heater hoses from engine cooling system to the heater core for pinches and kinks. Repair or replace as required. Visually examine heater core for dented tubes. Check core for free flow by circulating an outside water source through it. Replace heater core if a restriction is observed. * Check engine coolant temperature specifications according to chassis manufacturer's recommendations. Repair if required. * Ensure that Blend Door Crank is oriented in full counter-clockwise position when temperature lever is in full Cool position. Readjust as required. Inspect doors in Blend Panel assembly for damage. Repair/replace if needed.

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