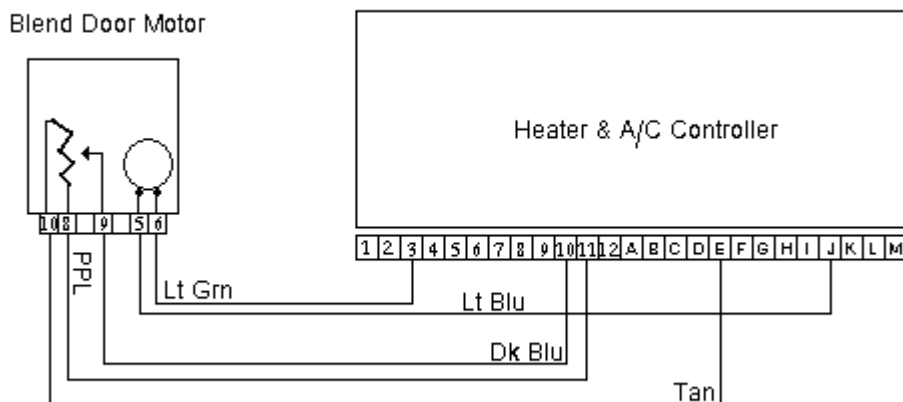


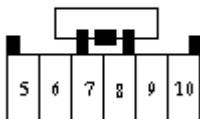
TECH TIP

Testing 1988 – 1993 GM C,K Series Blend Air Motors.

1. With the ignition on, backprobe Heater & A/C Controller, pins E and 11 with a voltmeter. You should have 5 volts present. If you do, go to step 2. If not, check the Heater & A/C Control Head Connector. If connector is ok, replace Heater & A/C Control Head.
2. Backprobe Heater & A/C Controller, pins 10 and 11 with a voltmeter. Turn temperature selector to full COLD. If voltmeter reads 1 volt, go to step 3. If voltage is not as specified, perform Temperature Motor Circuit Test.
3. Change temperature setting from full COLD to full HOT. The voltmeter should change from 1 volt to 4.8 volts. If voltage is as specified, there is not currently a problem in the Heater & A/C Controller. There may be an intermittent problem. If the voltage is not as specified perform Temperature Motor Circuit Test.



Blend Door Motor



Temperature Motor Circuit Test

1. With the ignition on, backprobe Blend Door Motor connector terminal 5 & 6 with a voltmeter. Adjust temperature controller to full HOT. If voltmeter reads 7.5 volts, Replace the Blend Door Motor. If not, go to step 2.
2. Disconnect Blend Door Motor connector and probe terminals 5 and 6 with a voltmeter. Adjust temperature controller to full COLD. If voltmeter reads 7.5 Volts, Replace the Blend Door Motor. If not there is a short or open between the Heater & A/C Controller and the Blend Door Motor.

Note: All voltages are subject \pm 0.3 volts