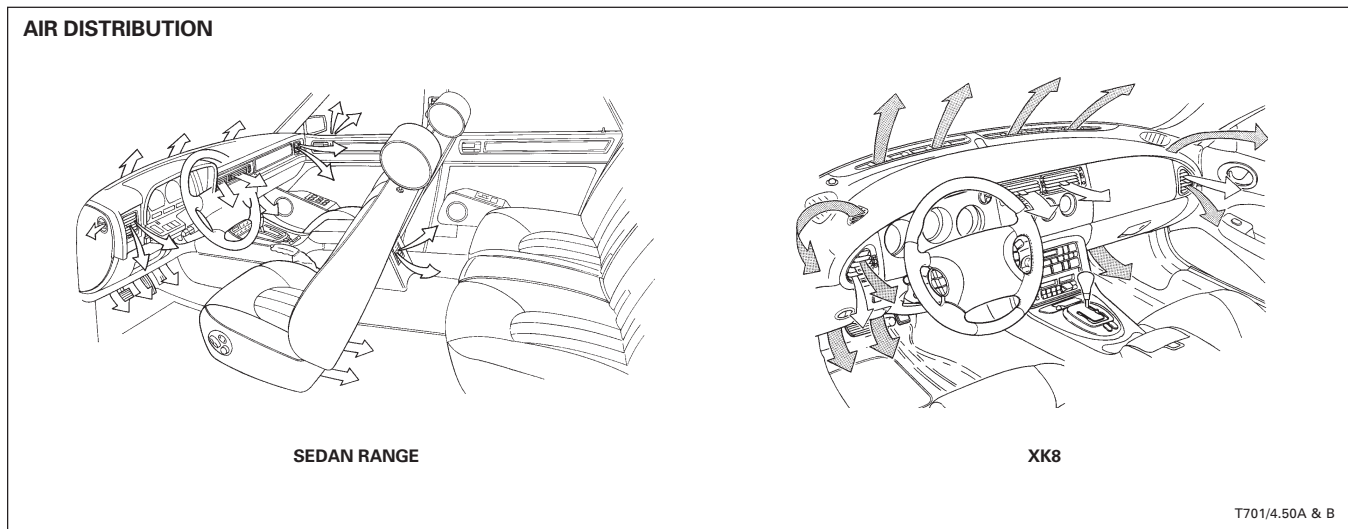


Denso Climate Control System

Air Conditioning / Heater Unit

Cabin Air Distribution

Air is distributed to the cabin from multiple vents located at the face level, foot level, windshield, side windows, rear foot wells and rear center console.



Face Vent Differential Temperature Control (through 1997 MY Only)

The face vent differential control is a potentiometer that provides the A/CCM with a feedback voltage to indicate the face level differential air temperature selected by the driver. The A/CCM adjusts the position of the upper cool air bypass flap to meet the desired selection. The resistance range of the potentiometer is nominally 2 – 8 k Ω :

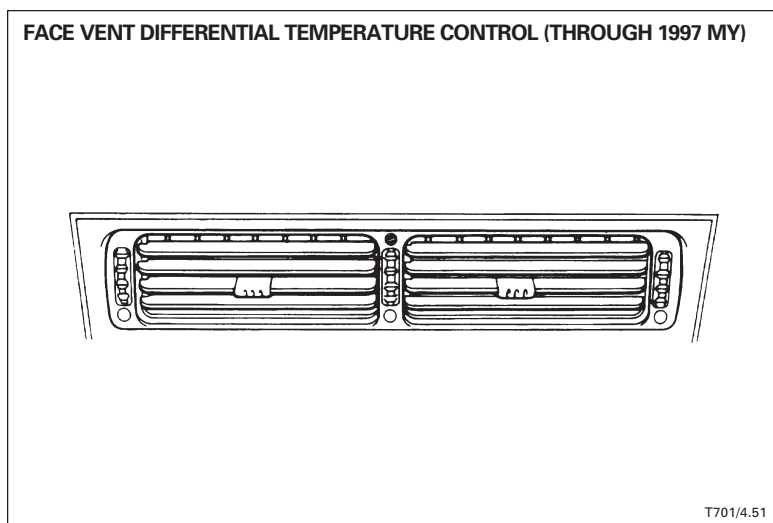
Minimum differential (RED) 8 k Ω \pm 10% = 1 volt (wiper feedback voltage)

Maximum differential (BLUE) 2 k Ω \pm 10% = 4 volt (wiper feedback voltage)

Face vent differential temperature control diagnostic monitoring

The A/CCM monitors the face vent differential temperature control circuit for open circuit, high resistance, and short circuit conditions. If a fault is present, a DTC will be flagged.

No default value is used for face vent differential control circuit failure.



DTCs:	PDU	Panel
	B1849	24
	B1852	24

Refer to the DTC Summary, pages 61 – 64.

NOTES