

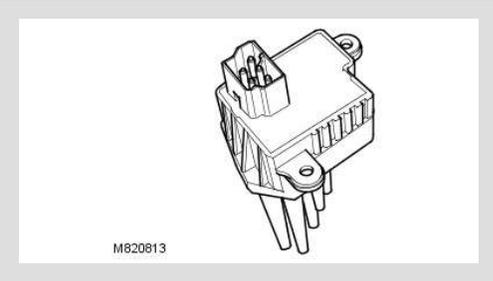
ITEM	DESCRIPTION
12	Rear face level air outlet
13	Face level air doors motor
14	Rear footwell air outlet
15	Water drain
16	Windshield distribution motor
17	Coolant pipes
18	Fresh/Recirculated air door motor

BLOWER

The blower is installed between the air inlets and the evaporator, and consists of 2 open hub, centrifugal fans powered by a single electric motor. Operation of the electric motor is controlled by the ATC module via the blower motor control module (voltage amplifier) installed in the outlet of the RH fan.

To produce the seven blower speeds the ATC module outputs a stepped control voltage between 0 and 8 V to the blower motor control module, which regulates a battery power feed from the central junction box (CJB) to the blower. The control voltage changes, in 1 V steps, between 2 V (blower speed 1) and 8 V (blower speed 7). If the control voltage is less than 2 V the blower is off.

Blower Motor Control Module



HEATER CORE

The heater core is internally divided into two separate halves, with separate coolant inlets for each half and a common coolant outlet. On the manual system, the two coolant inlets are connected to a common feed from the single coolant valve. Each coolant inlet pipe is connected to a feed from a separate coolant valve.

CONTROL DOORS

Control doors in the heater control the source of inlet air and the distribution and temperature of outlet air.

On both the manual and automatic heaters, a fresh/recirculated air door is installed in the air inlet on each side of the heater. A stepper motor drives the LH fresh/recirculated air door and a Bowden cable transmits the drive from the LH to the RH fresh/recirculated air door. On the automatic system, a ram air door is installed inside each fresh/recirculated air door. A stepper motor drives the RH ram air door and a Bowden cable transmits the drive from the RH to the LH ram air door.