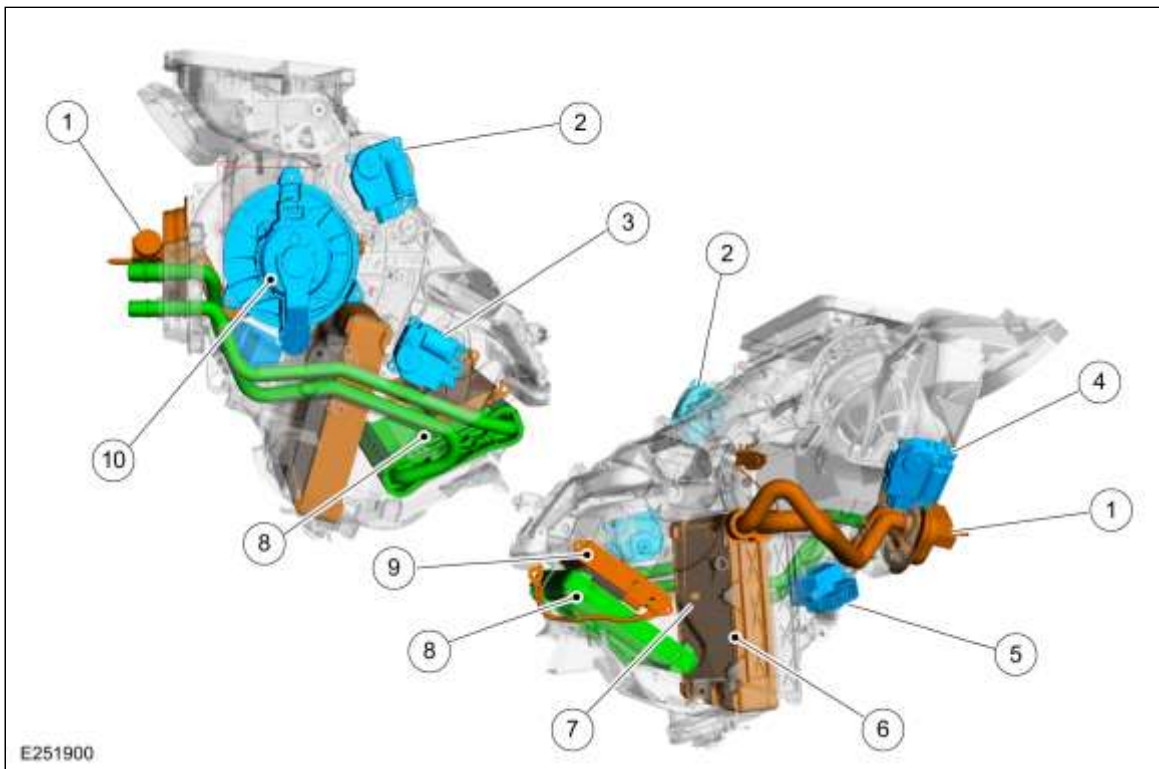


Climate Control System - Overview



Air conditioning system overview

Overview of climate control components



Item	Description
1	Expansion valve (optional, only with air conditioning)
2	Air distribution door actuator
3	Temperature blend door actuator
4	Air recirculation flap actuator
5	Blower motor control module
6	Evaporator (optional, only with air conditioning)
7	Evaporator temperature sensor (optional, only with air conditioning)
8	Heat exchanger
9	Electric <u>PTC</u> booster heater (optional)
10	Blower motor

In general we have three different standard heating and climate control systems:

- Heating and ventilation
- Manual air conditioning
- Air conditioning system with EATC

The systems are all centrally controlled by the HVAC module. This module also serves as the control assembly.

The following functions can also be actuated via the control assembly:

- Heated rear window/exterior mirrors
- Seat heating
- Heated steering wheel
- Heated windshield with heated spray nozzles

The HVAC module communicates via MS-CAN to the GWM and from the GWM accordingly with the relevant HS-CAN data bus.

HVAC control assembly



Item	Description
1	<u>HVAC</u> control assembly with <u>EATC</u>
2	<u>HVAC</u> control assembly with A/C function

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