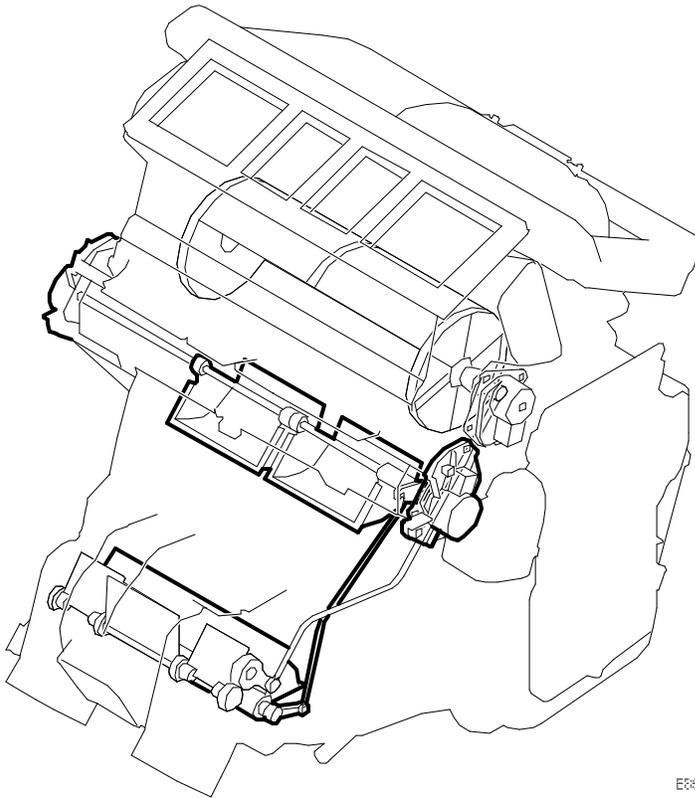


Air mixing



The air mix temperature is regulated by means of a stepping motor for each climate zone.

The driver's zone has an air-mixing flap, while the passenger zone has two air-mixing flaps, one for the front seat passenger and one flap for the rear seat passengers, connected by a link arm.

The air temperature from the heat exchanger is affected by the fan speed and the position of the air-mixing flap. On certain markets, the water passing through the heat exchanger can be turned off completely with a vacuum operated shut-off valve to obtain maximum cooling efficiency (cars with A/C).

Depending on the desired heating position/temperature, the air-mixing flap directs a certain amount of the incoming air through the heat exchanger.

If cold air has been selected, the air-mixing flap is closed so that air is prevented from reaching the heat exchanger.

Certain engine versions are equipped with a circulation pump for the heat exchanger. By increasing the flow of coolant through the heat exchanger when necessary, maximum heating efficiency can be obtained.