

VENTILATING PLANT

General Remarks

The fresh air vent is located on the center piece under the windshield. A water receptacle, located under the fresh air vent, collects the water which may enter the vent and drains it.

There are two fresh air ducts located in the inner wall of the luggage compartment. Their two ventilation flaps can be operated from the passenger compartment, allowing the air to enter according to their position.

Description of Function

When the vehicle is in motion, the air pressure causes air to be pressed into the luggage compartment, from where it enters the passenger compartment through the adjustable air flaps in the fresh air ducts, and is then conveyed either to the windshield or the floor. An intermediate position of the ventilation lever divides the air accordingly between the floor level and the windshield.

Ventilation lever and flap position

Ventilation lever position 1

The ventilation flaps in the fresh air ducts are closed: no air can enter the luggage compartment.

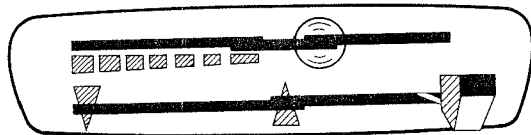


Fig. 14

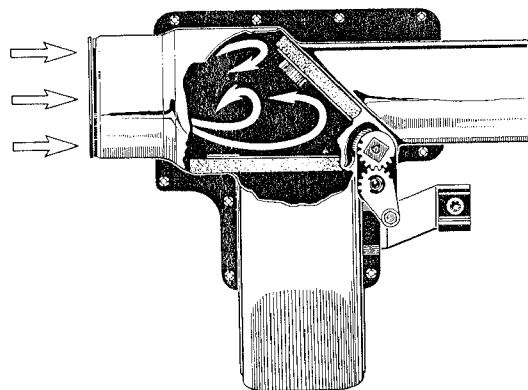


Fig. 15

Ventilation lever position 2

The ventilation flaps convey the air entering when vehicle is in motion to the windshield defroster slots.

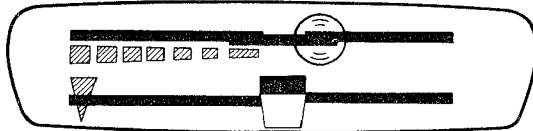


Fig. 16

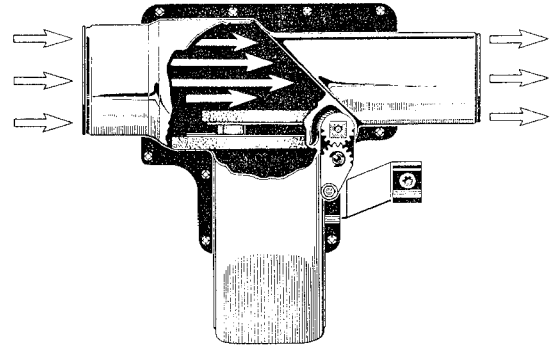


Fig. 17

Ventilation lever position 3

The ventilation flaps in the fresh air ducts convey the air entering when vehicle is in motion to the floor level.

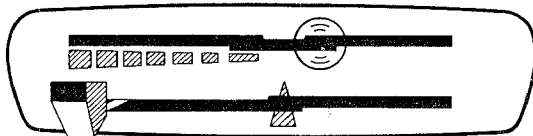


Fig. 18

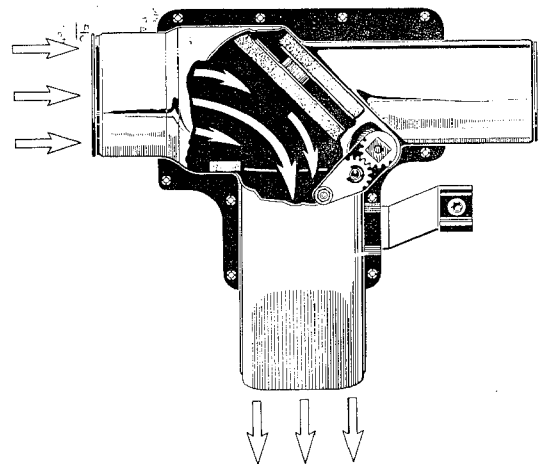


Fig. 19

Remove and Install Fresh Air Ducts

General Remarks

The fresh air duct is held to the luggage compartment wall by means of a 6 mm long bolt and fastened with the corresponding nut. The ventilation flaps are operated from the instrument panel by means of a bowden control. The ventilation flap shafts must be lubricated from time to time.

Removal

1. Loosen bowden control at fastening clip and at bell crank for ventilation flaps, and remove.
2. Loosen fresh air ducts by unscrewing from the wheel well side the nut from the fastening bolt.
3. Loosen fresh air ducts from the hose connection by twisting it slightly, and remove.

Installation

1. Before installing the fresh air ducts, check ventilation flaps for proper operation and free movement, rectify if necessary.
2. Rub hoses with tallow to facilitate installation.
3. Insert fresh air ducts in hoses.
4. Adjust the air ducts to the openings for the hoses by means of 6 x 18 washers.
5. Fasten the air ducts from the wheel well side, insert first 6 x 18 washer, then tighten with M 6 nut and finally apply packing material on nut and washer.
6. Hoses must be properly packed with Teroson packing putty at the fresh air ducts as well as at the opening between luggage compartment and passenger compartment. The same applies also for the openings of the bowden controls in the partition.

Bowden Control Adjustment

1. Special attention must be paid that the bowden control be attached to the fastening clip in a soft arch from the ventilation lever.
2. Place ventilation lever in position 2.
3. Tighten bowden control with a hex. wrench on the appropriate fastening clip.
4. Fasten bowden control to bell crank by inserting it in the screw hole. The ventilation flaps must be in the position shown in Fig. 17.
5. Operate ventilation lever, check position of ventilation flaps and of bell crank, adjust if necessary.
6. Adjust possible tension between bowden control and bell crank by regulating the position of the fastening link.

Remove and Install Ventilation Lever

Removal

1. Remove electric clock.
2. Loosen bowden control from the fastening clip and from the locking disc.
3. Loosen fastening nuts from the ventilation lever.
4. Remove ventilation lever.

The ventilation lever is installed in the reverse order of removal.