

Chassis ID	Path /Repair/VN, VERSION2, VERS-NAM/Hood Aero Mirror, New Installation
Model	Identity 130580711
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8461-18-02-04 Hood Aero Mirror, New Installation

You must read and understand the precautions and guidelines in Service Information, group 80, "General Safety Practices, Cab" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.



Danger

Do not attempt to repair or service a vehicle without the proper training, tools and service information. Failure to do so may result in component damage, serious injury or death.

1

Secure the vehicle for service by parking it on a flat level surface, applying the parking brake, chocking the rear wheel, and placing the transmission in neutral.

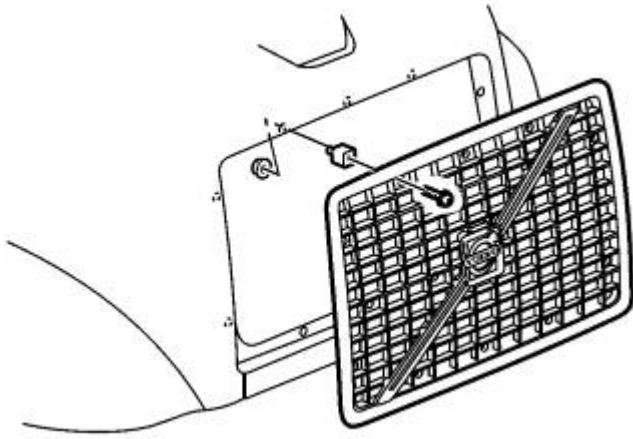
2

Disconnect all cables from the negative (ground) battery terminals to prevent personal injury from electrical shock and prevent damage to electrical components.

3

Unpack all aero mirror components.

4

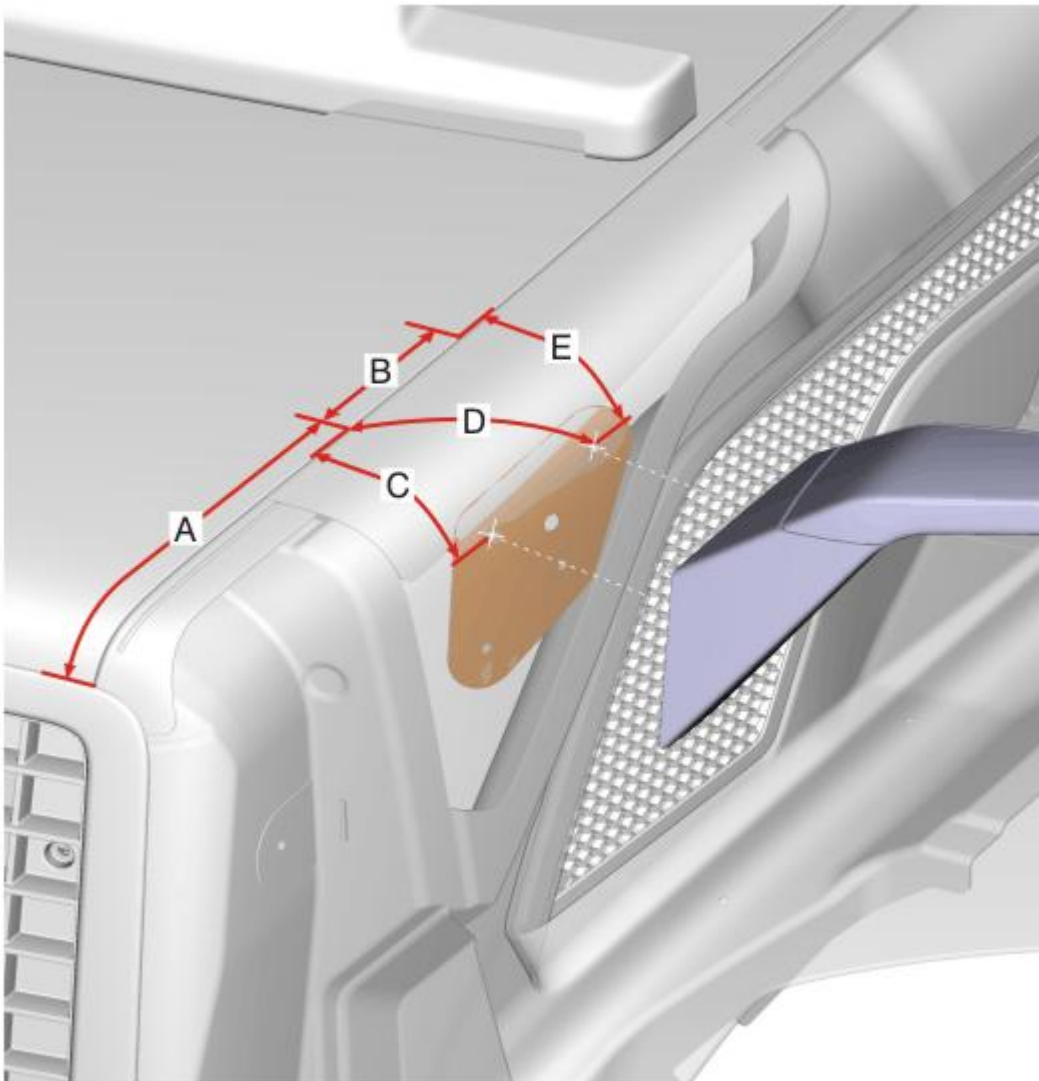


Remove fasteners securing the grille to the vehicle and remove the grille. Place the grille out of the work area.

5

Determine the location on the outside of hood where the mirror will be located. Cover the area with tape to protect the surface from damage.

6



- A – 343 mm (13.5 in)
- B – 109 mm (4.3 in)
- C – 148 mm (5.8 in)

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- D – 182 mm (7.2 in)
- E – 145 mm (5.7 in)

Using a flexible ruler and the measurements provided, mark the top two drill hole locations.

Note: Measurement A is determined with the front grille removed.

7

Using the mirror backing plate as a template, mark the remaining hole locations.

8

Raise the hood.

9

Using special tool J-38778 or equivalent, remove the Christmas Tree fasteners securing the underside hood insulation. Peel back the insulation on the underside of the hood to access the aero mirror installation area.

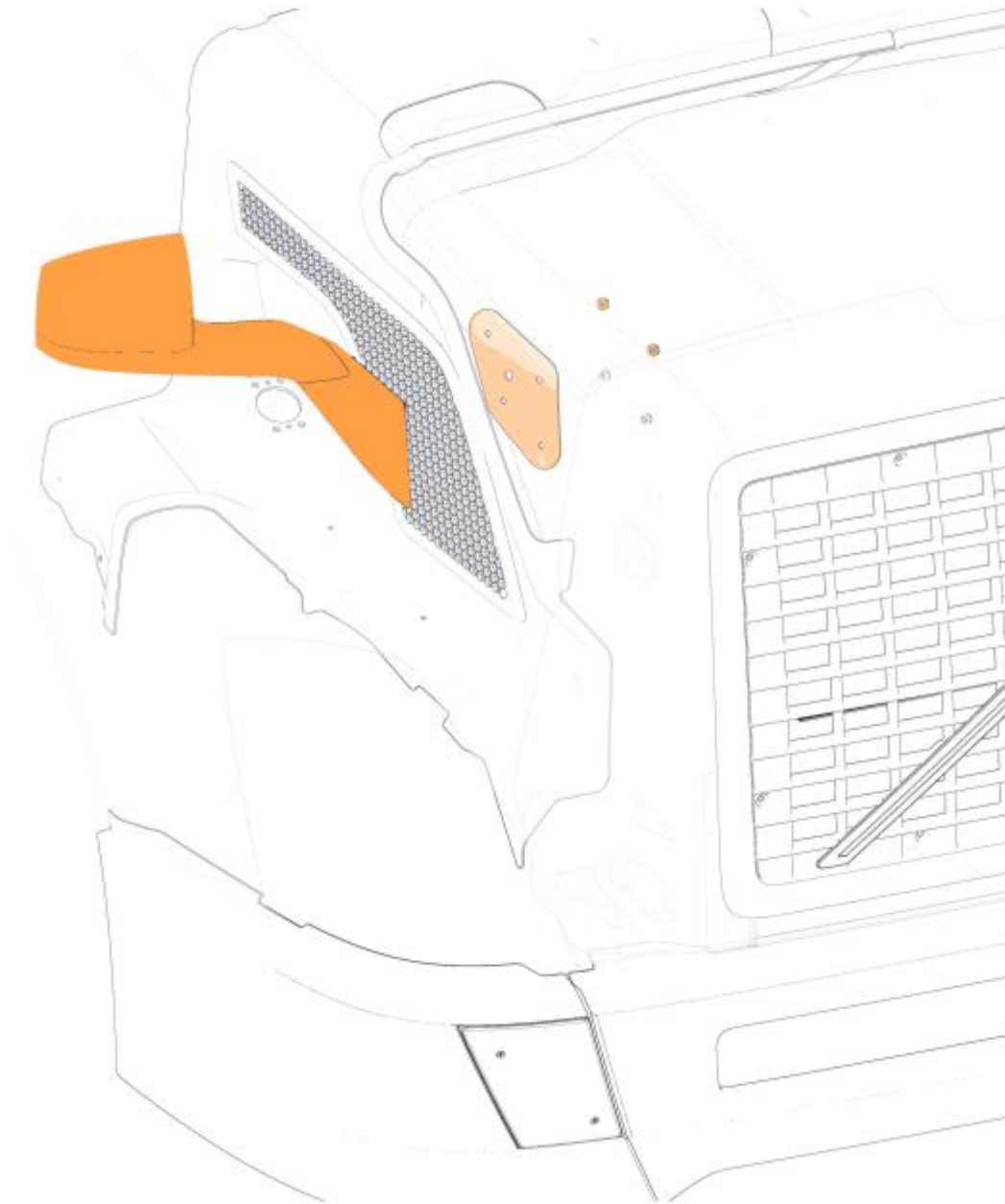
10

Drill five pilot holes at the marked locations on the hood (3 mm [1/8 in]).

11

Drill five clearance holes through the pilot holes on the hood (10 mm [3/8 in]). Carefully remove the tape used to protect the aero mirror installation area.

12

 **Caution**

Ensure that the latch built into mirror is secure. The latch must hold the mirror in place during the rest of the installation process. Failure to do so can result in damage to the aero mirror.

Place the aero mirror into the mounting holes.

13

Install the mirror support bracket on the inside of the hood. Torque the fasteners to 14 ± 1.4 Nm (10 ± 1 ft-lb).

14

Reinstall the insulation on the underside of the hood and secure with appropriate fasteners.

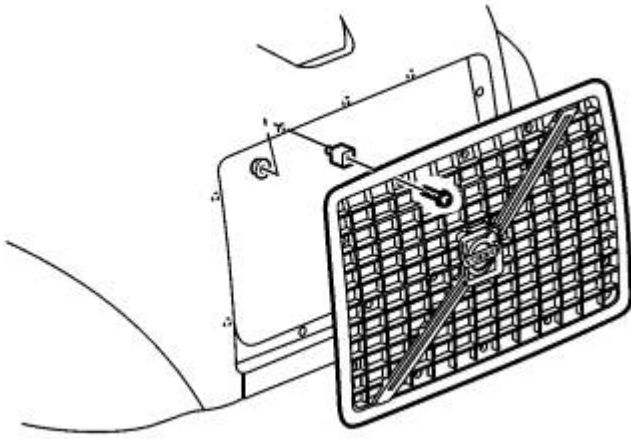
15

Close the hood. Adjust the mirrors to the required setting.

16

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Install the grille using the fasteners previously removed. Torque fasteners to 2 Nm (1.5 in-lb).

17

Reconnect all previously removed cables to the negative (ground) battery terminals.