

Date	Group	No.	Release	Page
1.2012	891	014	01	1(12)

Roof Fairing Noise
VN Day Cabs

FSB 891-014, Roof Fairing Noise**(January 2012)**

On certain VN day cab vehicles manufactured between August 15, 2011 and November 11, 2011, excessive noise may occur with the new style roof air fairing when there is no sun visor installed. To resolve any noise issues related to the roof air fairing complete the following procedure.

Required Parts

Quantity	Part Number	Description
4	82725755	Bracket
6	82717795	Foam Pad
4	984726	Bolt, M6 x 20
4	990939	Nut, M6
4	994847	Washer

Service personnel: Please circulate, read and initial

Service Manager	Warranty Administrator	Workshop Foreman	Service Technicians					

Procedure

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

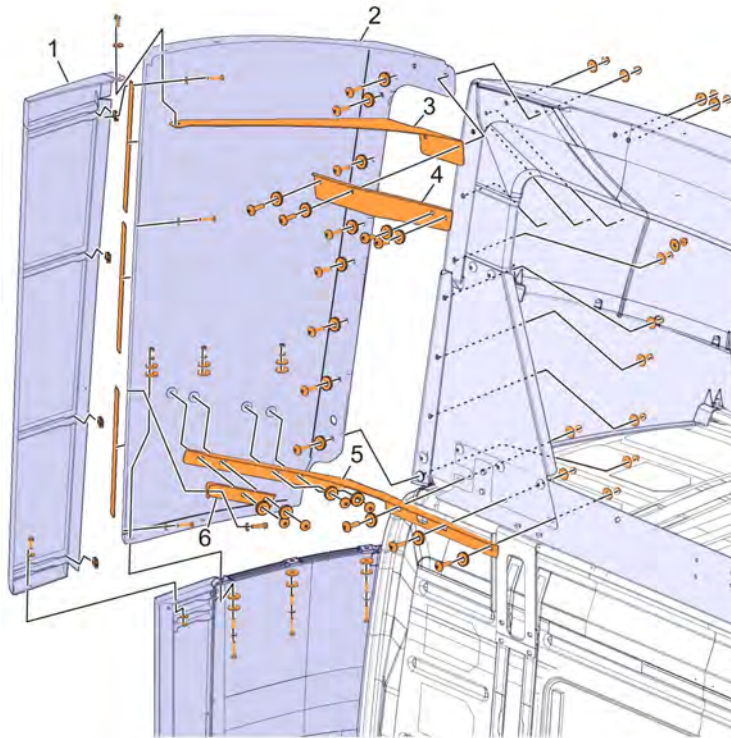
Do not attempt to repair or service a vehicle without the proper training, tools and service information. Failure to do so may result in component damage, serious injury or death.

- 1 If applicable, loosen the exhaust stack band clamps for the upper stack pipe. Remove the upper exhaust stack and place out of the work area.

Note: Mark the exhaust pipe to help with orientation and reassembly.

- 2 If applicable, with assistance, remove the fasteners securing the upper roof side fairings. Remove both upper roof side fairings and place in a secure location.

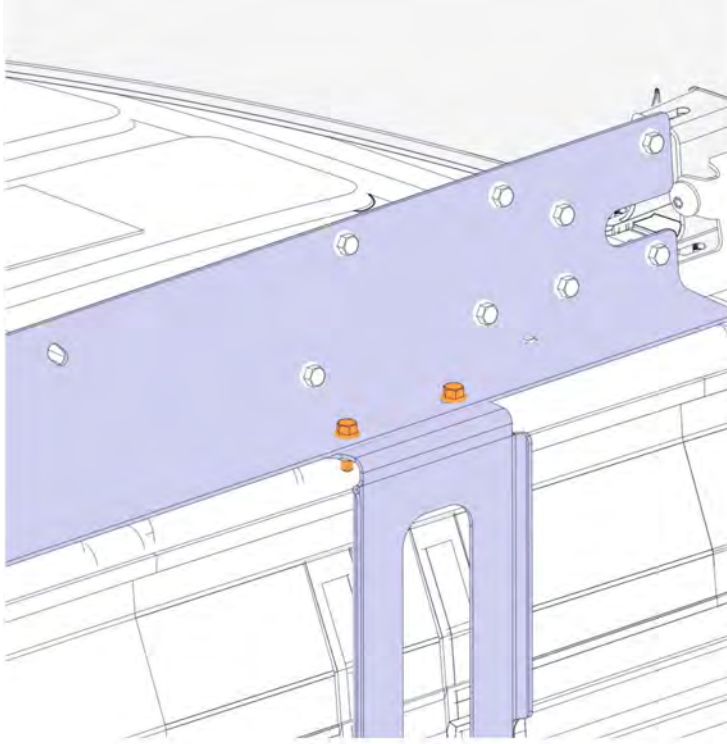
Note:



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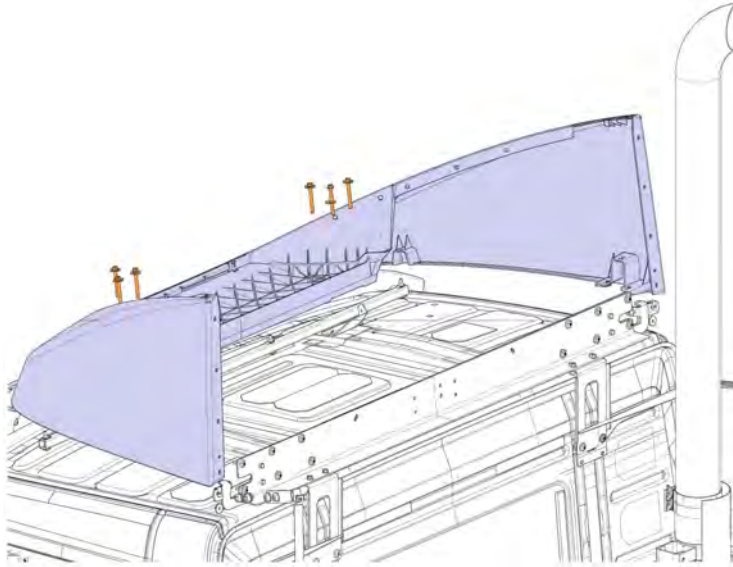
- 1 – Aero Extender
- 2 – Side Fairing
- 3 – Bracket, Side Fairing (Upper)
- 4 – Bracket, Side Fairing
- 5 – Bracket, Side Fairing (Lower)
- 6 – Bracket, Aero Extender

- 3 Loosen the (2) fasteners on each side securing the lower roof fairing L-Bracket to the roof mounted cab brackets.



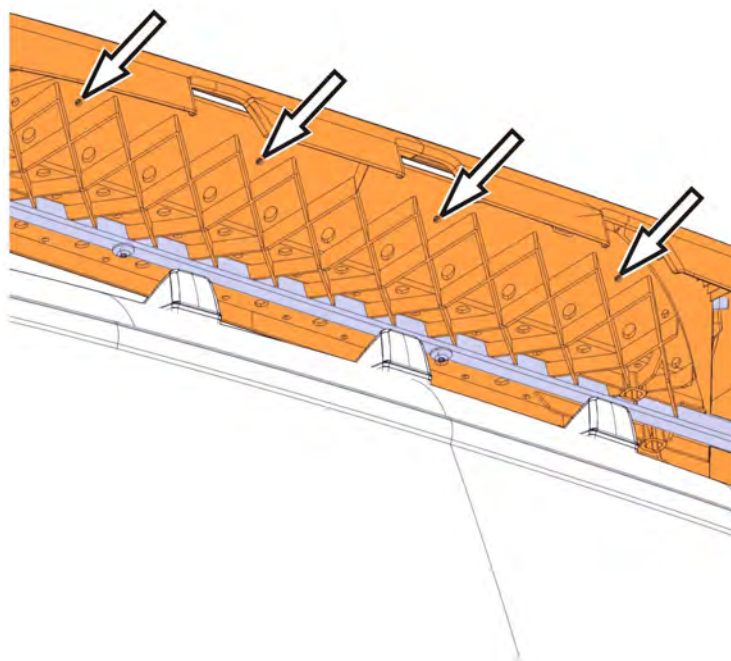
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- 4 Remove the (3) fasteners on each side securing the front of the lower roof fairing to the roof. Inspect the cab sealing O-rings and washers are not damaged or lost.



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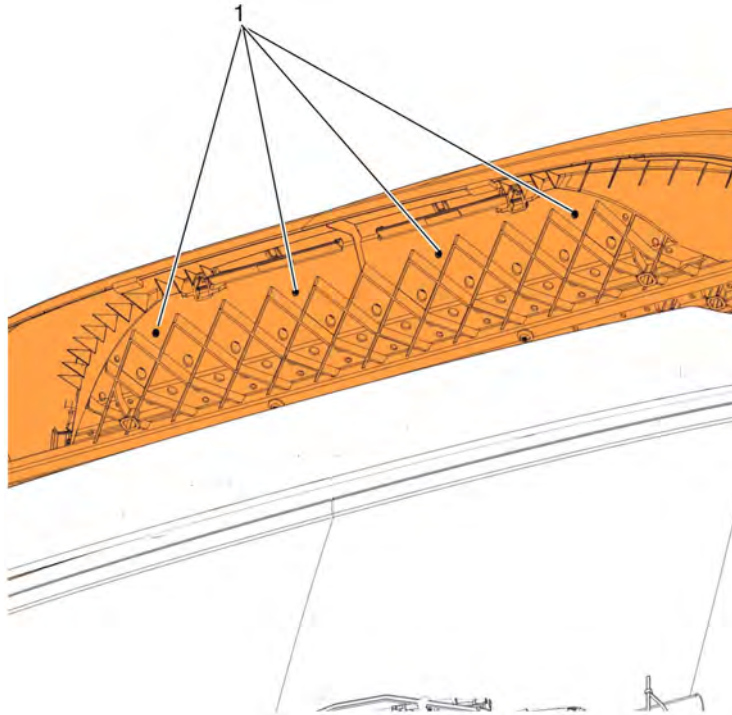
- 5 Lift and tilt the roof air fairing assembly rearward. Safely support the front of the roof fairing to gain access to the underside of the lower air fairing.



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- 6 Using the vibration reduction brackets as a template mark the location of the holes to be drilled for the vibration reduction brackets and fasteners. For an accurate view of the template mark locations refer to the previous illustration.

- 7 Drill the holes (8 mm diameter) through the fairing in the proper locations (1).



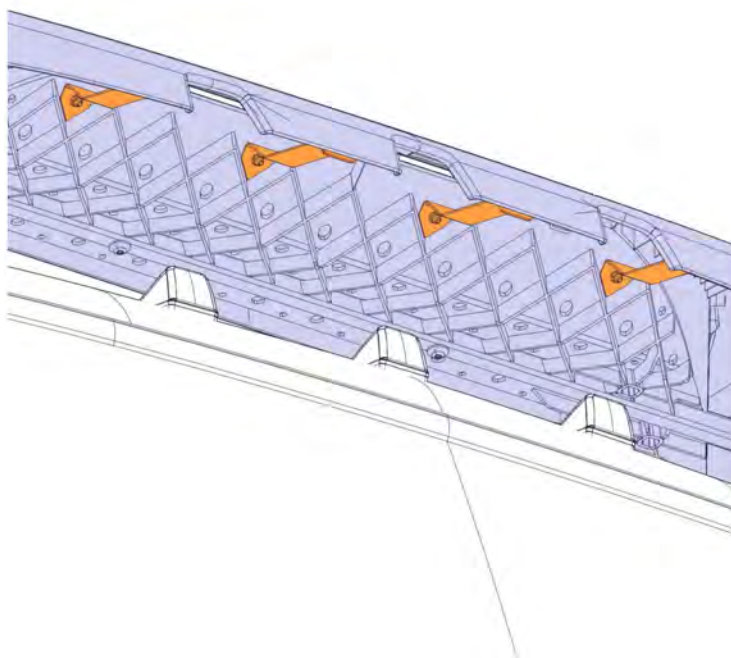
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1 – Drill Holes

- 8 Install the foam blocks on the vibration reduction brackets. The pad(s) are applied to the bracket at the end that will come in contact with the back of the roof fairing.

Note: The two center brackets require two foam pads per bracket. Pads should be stacked one on top of the other. Do not put one pad on bracket and one pad on the fairing. The outer brackets require only one foam pad per bracket.

- 9 Install the vibration reduction brackets on the lower roof fairing. Torque the fasteners to 14 ± 1 Nm (10 ± 0.7 ft-lb).

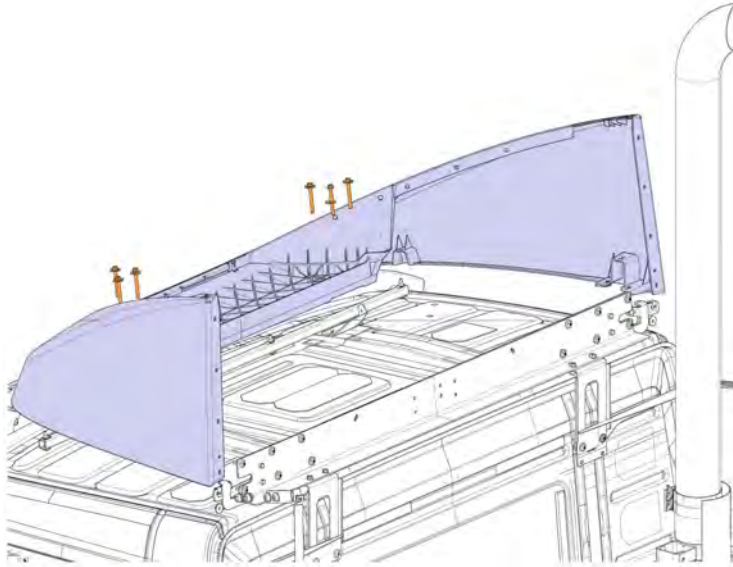


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- 10 Install the (3) fasteners on each side of the lower air fairing with the washers and O-rings in the correct orientation.

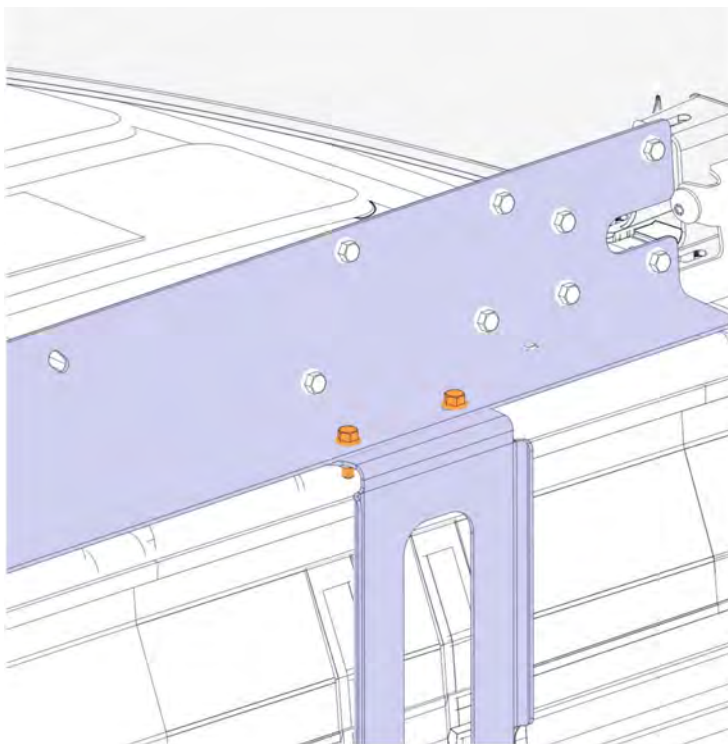
Note: Use the cab sealing O-ring to hold the washers in place on the bolt. Replace the cab to air fairing sealing washers if damaged.

11 Carefully lower the roof fairing assembly onto the roof. Torque the front (6) fasteners to 24 ± 4 Nm (17 ± 3 ft-lb).



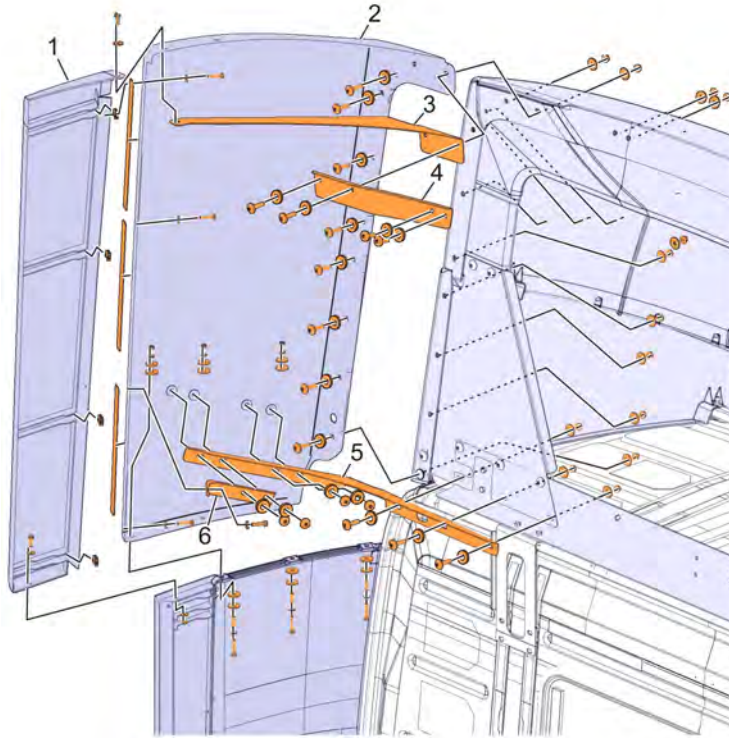
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12 Install the (2) fasteners on each side securing the lower roof fairing L-Bracket to the roof mounted cab brackets. Torque fasteners to 24 ± 4 Nm (17 ± 3 ft-lb).



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13 If applicable, with assistance, install both the upper roof side fairings into position. Install the fasteners securing the upper roof side fairings and torque to 24 ± 4 Nm (17 ± 3 ft-lb).



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- 1 – Aero Extender
- 2 – Side Fairing
- 3 – Bracket, Side Fairing (Upper)
- 4 – Bracket, Side Fairing
- 5 – Bracket, Side Fairing (Lower)
- 6 – Bracket, Aero Extender

14 If applicable, Install the upper exhaust stack into position. Use the alignment marks previously made to help with the installation. Torque the exhaust stack band clamps to 61 ± 4 Nm (45 ± 3 ft-lb).

Reimbursement

<p>This repair may be eligible for reimbursement if a product failure was experienced within time and mileage limits of the applicable Warranty coverage. Reimbursement is obtained via the normal claim handling process.</p>	
<p>Claim Type (used only when uploading from the Dealer Bus. Sys.)</p>	<p>W</p>
<p>Labor Code</p>	
<p>Primary Labor Code</p>	<p>PDI mode with the upper roof fairing in the raised position and the upper side fairings NOT installed and the exhaust stack NOT installed 89130-0-01 0.4 hrs.</p> <p>Vehicle with roof fairing in the raised position and the upper side fairings installed and the exhaust stack installed 89130-0-02 1.2 hrs.</p>
<p>Causal Part</p>	<p>82714319</p>

Volvo Trucks North America engages in a comprehensive program of testing and evaluating to provide the best possible product. Volvo Trucks North America however, is not committed to, or liable for updating existing vehicles.