

**\*\* SOLUTION \*\***

|       |                                                                                                              |
|-------|--------------------------------------------------------------------------------------------------------------|
| Title | Volvo Chassis - Fixed Center Chassis Fairing Bracket Fatigue, Cracking, Breaking - Model Year 2018 And Newer |
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**Volvo Models**

|             |     |
|-------------|-----|
| Volvo Model | VNL |
|-------------|-----|

**\*\* SOLUTION \*\***

|       |                                                                                                                                                              |
|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cause | Aftermarket Reliability Engineering has received complaints that the chassis fairing brackets are breaking causing the fairing to come loose from the truck. |
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**Solution****Tools Needed**

- Drill
- 1 in hole saw
- 10mm socket
- 13mm wrench
- 9mm drill bit or 11/32in drill bit

**Parts Needed**

- M8 x 25mm Flange Screw – PN 984735 (x2 each side)
- M8 x 22 Washer – PN 994848 (x2 each side)
- M8 x 11.6 Flange Lock Nut – PN 994535 (x2 each side)

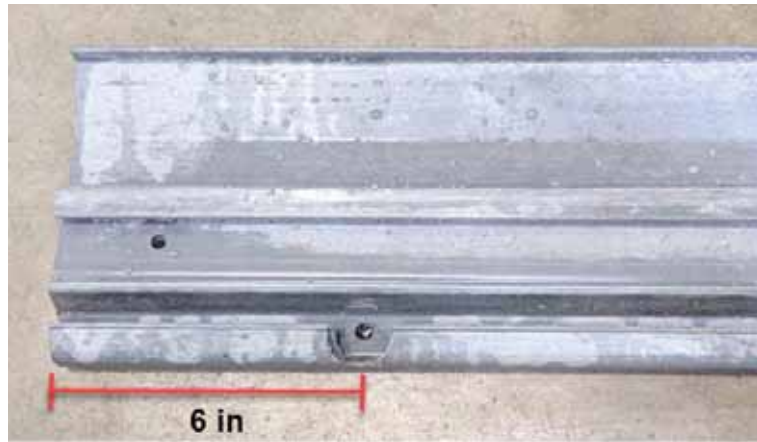
**Repair****1. Remove center fairing from vehicle**

**1.1** Lower support can be left on vehicle or removed completely

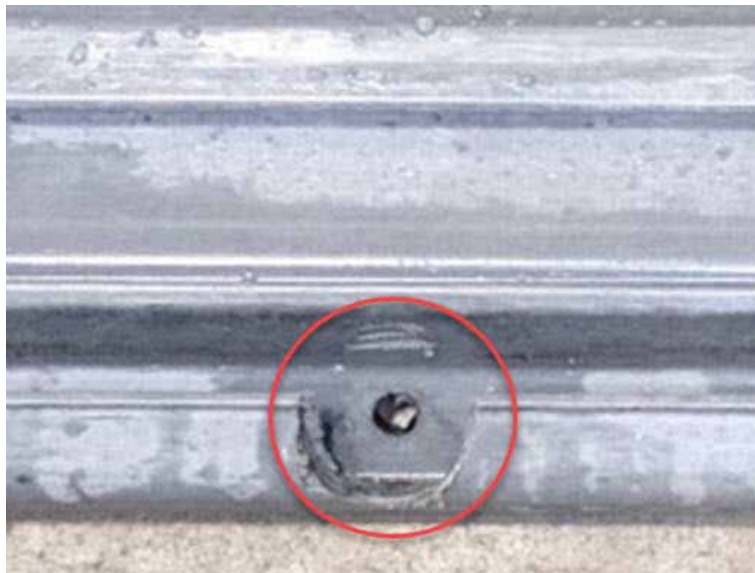
**2. Use 1in hole saw and drill a hole 6in from each end of lower support (See below pictures for more details)**

**2.1** Make sure the hole saw only drills through the outboard portion of the "hook"

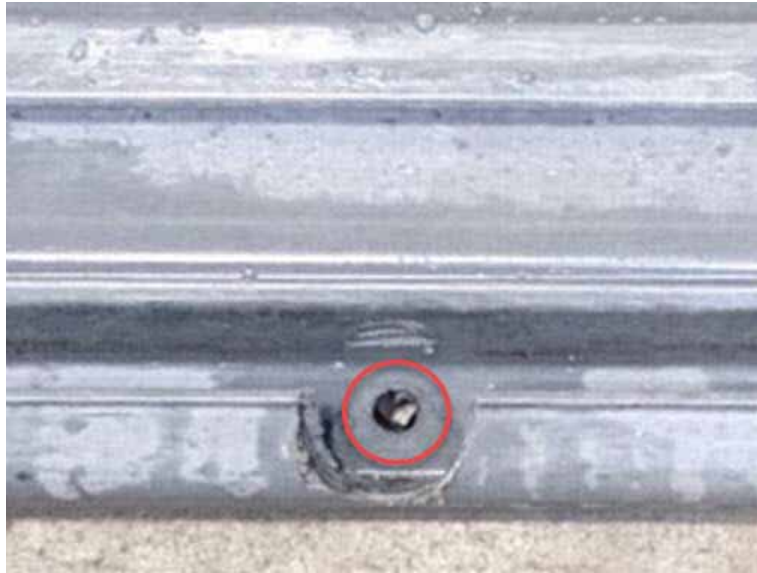
**2.2** Pilot bit should drill through the lower support



Hole saw should remove only the outboard portion of the support.



Pilot bit should drill through back of support to make a pilot hole to use as a reference once the fairing is placed back on the vehicle.

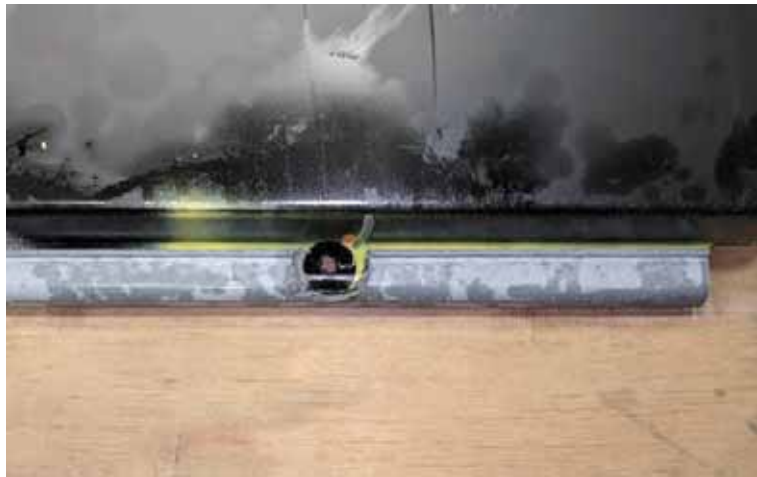


Pilot hole on rear side of support.



### 3. Place fairing back on the vehicle

**3.1** Use pilot hole on back of lower support to drill through fairing skin using 9mm drill bit (or 11/32) – \*Do this for each end of the lower support\*



4. Place bolt with washer through fairing skin from outboard side
5. Use flange lock nut on back of fairing support
6. Torque to 16 ft-lbs (22 Nm)

**\*Do this for each end of the lower support\***



Outboard Side



**Inboard Side**

### Function(s)/component(s) affected

Function affected exterior equipment

### Function Group

Function Group 891 exterior equipment

### Customer effect

Main customer effect noise , visual appearance

Noise rattling noise , banging noise , rubbing noise

Visual appearance crack/fracture

### Conditions

Frequency of occurrence of problem random

### Administration

Author UT0783V

Dealer ID UT0783V

Last modified by RU4469V

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