

Passenger Side Bench Seat D-Ring

2000-2012 VN, VHD

RVXX1204, Passenger Side Bench Seat D-Ring

(May 2013)

Volvo Trucks North America, has determined that a defect relating to motor vehicle safety may exist in certain Volvo VN and VHD model vehicles manufactured between August 4, 2000 and June 22, 2012.

The weld used to secure the weld nut to the inner seat belt d-ring mounting bracket may not be sufficient to meet the seat belt pull test requirement. The seat belt pull test requirement is prescribed by the Federal Motor Vehicle Safety Standard (FMVSS) 571.210 and Canadian Motor Vehicle Safety Standard 210, Seat Belt Anchorages. As a result, the seat belt d-ring anchorage may not be sufficient to restrain the occupant (i.e. if occupied) in the event of a vehicle crash.

There are one thousand nine hundred twenty (1920; 1496, USA, 401 Canadian and 7 export) vehicles affected by this recall.

NOTE: Repair materials for affected vehicles should be ordered by calling the dedicated recall support line, 1-877-602-0270, and providing the VIN.

Parts:

- * 1 - Kit, 85136993, Includes the following parts:
 - * 1 - Bolt, 995487 (M10*30)
 - * 2 - Nut, 990941 (M10*10)
 - * 3 - Bolt, 979624 (7/16 UNF*51)
 - * 3 - Bolt, 995466 (M8*40)
 - * 1 - Bolt, 85136912 (7/16 UNF*32)
 - * 2 - Bolt, 85136911(7/16 UNF*57)
 - * 1 - Bracket, 82737225

Repair Procedure:

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 cables from the negative (ground) battery terminals to prevent personal injury from electrical shock and prevent damage to electrical components.
3. Open and secure the seat bottom to access the seat belt fasteners.
4. Lock the comfort latch to prevent the seat belt from retracting too far and possibly jamming the retractor. Note the orientation of the seat belt tether brackets under the seat.

5. Remove the fasteners securing the seat belt tether brackets to the cab.



6. Remove the remaining fasteners securing the seat base. Note the fasteners location for reinstallation purposes.



7. With assistance, remove the seat from the vehicle.

8. Remove the fasteners securing the D-ring bracket to the cab.



9. Remove the fasteners securing the retractor bracket to the cab.



10. Remove the seat belt retractor and bracket assembly from the vehicle.

⚠ CAUTION

To avoid damage to the D-ring, do not clamp the D-ring directly into the vise.

11. Using suitable bolts or tools in a vise, secure the D-ring bracket.



12. Remove the fastener securing the swivel and comfort latch to the D-ring bracket. Remove the D-ring.

⚠ CAUTION

To avoid damage to the D-ring, do not clamp the D-ring directly into the vise.



13. Using suitable bolts or tools in a vise, secure the replacement D-ring bracket (part number 82737225).
14. Using the supplied replacement fastener and original washers (1 x part number 85136912, bolt 7/16 UNF*32), attach the swivel and comfort latch to the replacement D-ring. Torque fasteners to 68 +/- 7 Nm (50 +/- 5 ft-lb).



15. In the cab, using the supplied replacement fasteners, install the replacement D-ring. Torque the fasteners to:
Upper Fastener (Part Number 995466), Bolt M8*40: 24 +/- 4 Nm (18 +/- 3 ft-lb)
Lower Fastener (Part Number 979624), 7/16 UNF*51: 68 +/- 7 Nm (50 +/- 5 ft-lb)



16. Using the supplied replacement fasteners (2 x part number 995466, Bolt M8*40), Install the retractor and bracket assembly in the cab. Torque the fasteners to 24 +/- 4 Nm (18 +/- 3 ft-lb).



17. With assistance, install the seat in the cab.
18. Using the supplied replacement fasteners (2 x part number 85136911, bolt 7/16 UNF*57), Install the seat belt tether brackets to the cab. Hand tighten only.

19. Install the remaining seat base fasteners using the supplied new fasteners from the kit. Torque all seat base fasteners and seat belt tether bracket fasteners to specifications:

2 x 979624, Bolt 7/16 UNF*51: 68 +/- 7 Nm (50 +/- 5 ft-lb)
 1 x 995487, Bolt M10*30: 48 +/- 8 Nm (35 +/- 6 ft-lb)
 2 x 990941, Nut M10*10: 48 +/- 8 Nm (35 +/- 6 ft-lb)
 2 x 85136991, Bolt 7/16 UNF*57: 68 +/- 7 Nm (50 +/- 5 ft-lb) *This bolt was installed in Step 18.

Ensure the seat belt tether brackets are correctly oriented after securing the fasteners.

20. Check the operation of the seat belts.
 21. Reconnect all previously removed cables to the negative (ground) and positive battery terminals.

Reimbursement

This repair is covered by an authorized Safety Recall campaign. Reimbursement is obtained through the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Says.)	R
Recall Status	
Vehicle repaired per instructions	Modified per instructions
Labor Code	
Primary Labor Code	88420-0-02 - 0.7 hr.
Time to take charge of vehicle and determine campaign status	17003-0-01 - 0.3 hr.
Causal Part	20514609
Authorization No.	RVXX1204

Take-charge time is not included in the labor code for this operation. Take charge may be eligible, but can only be used once per vehicle repair visit. If the vehicle is having other warranty repairs performed, take-charge should be charged to the warranty repair, otherwise take-charge can be charged to this Safety Recall.