

SAFETY RECALL

VOLVO Trucks North America
Greensboro, NC USA

VOLVO

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Pedal Carrier Date Code Inspection

SAFETY RECALL INFORMATION

(September 2020)

Volvo Trucks has determined that a defect that relates to motor vehicle safety exists in certain VN model vehicles fitted with the part 82754992 with the date code September, 2019 OR October, 2019.

The die cast pedal plate may have a casting process issue that can result in failure of the pedal plate at one of three attachment ears that support the brake pedal shaft. If the attachment ear fails and the brake pedal shaft works its way out of one of the two other attachment holes, the brake pedal may dislodge, making the brake pedal inoperable. An inoperable brake pedal presents a risk of a vehicle crash.

There are no reports of an inoperable brake pedal or a vehicle crash related to this issue. Volvo considers this a proactive measure to protect the public and Volvo's customers from the potential risk associated with this defect.

VEHICLES AFFECTED

Volvo: 2020 & 2021 VAH, VHD, VNL, & VNR model vehicles manufactured from October 15, 2019 through August 14, 2020.

VEHICLE QUANTITIES:

13,264 (Canada 1,829, Mexico 259, and 11,176 USA)

SOLUTION

Follow Inspection, Test and Repair procedures as necessary in this Recall.

INSPECTION PROCEDURE:

DECOMMISSIONING THE TRUCK FOR REPAIR

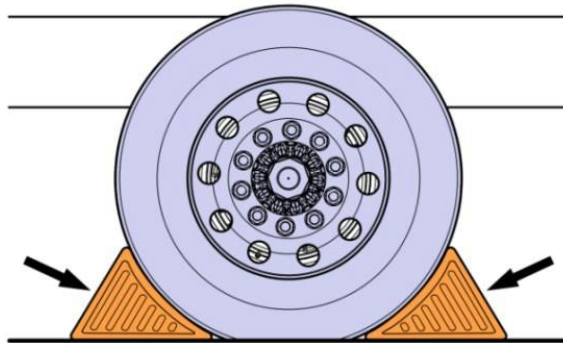


Do not attempt to repair or service this vehicle without having sufficient training, the correct service literature and the proper tools. Failure to follow this could make the vehicle unsafe and lead to serious personal injury or death.

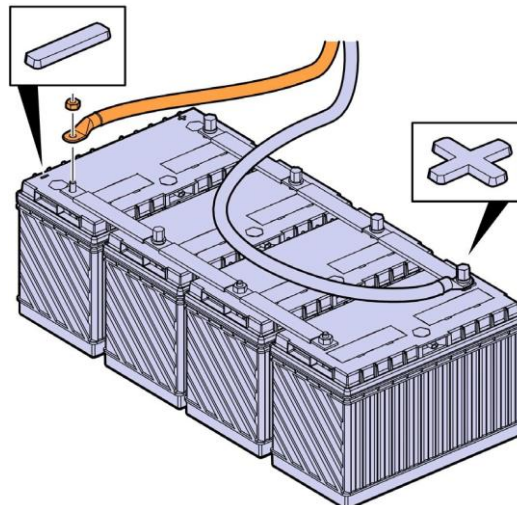
NOTE

Wear safety glasses during the duration of this repair to protect from possible inadvertent glass breakage

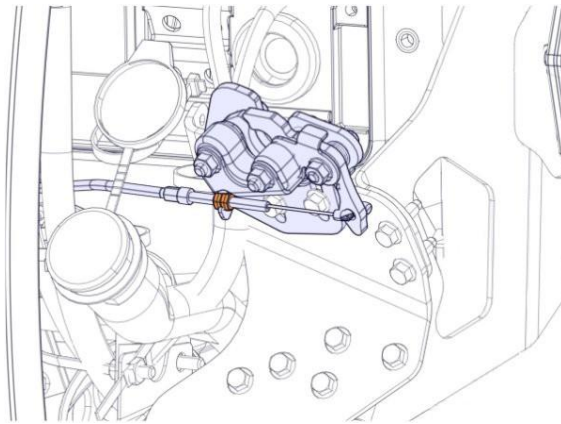
1. Secure the vehicle for service by parking on a flat and level surface.
2. Apply parking brake.
3. Place the transmission in neutral or park.
4. Install the wheel chocks.



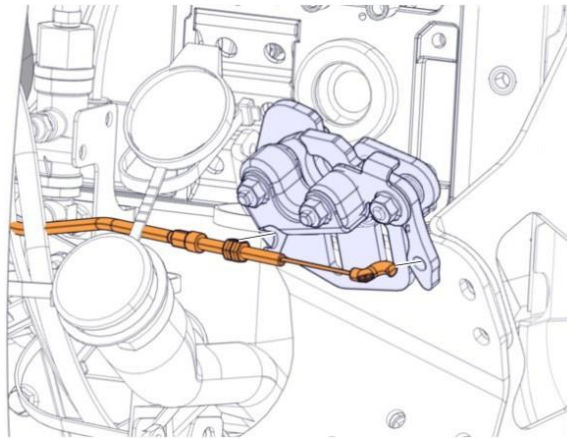
5. Disconnect the cable from the battery's negative (ground) terminal.



6. Unlatch and raise the hood.
7. Remove the splash shields.
8. Loosen the adjustment nut.



9. Remove the release cable.



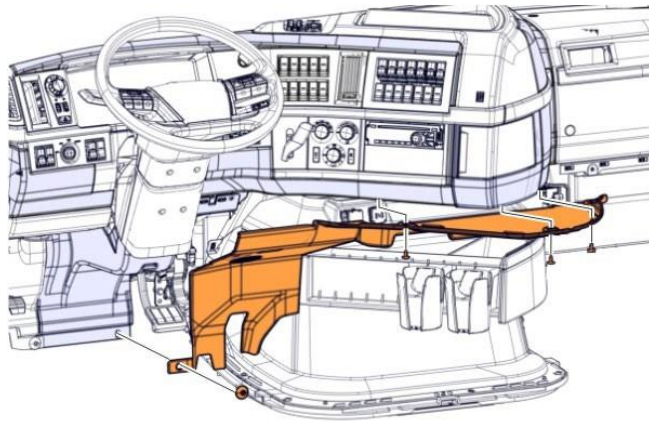
10. Pull back the passenger side panel to gain access for the center panel.



11. Remove the screws.

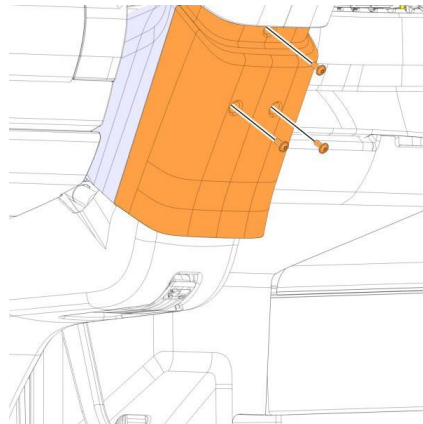
12. Remove the panel.

Note: Use caution not to damage the panel.



13. Remove the screws.

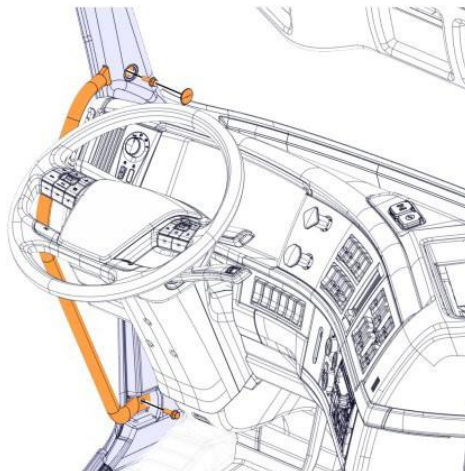
14. Remove the cover.



15. Remove the screw cover.

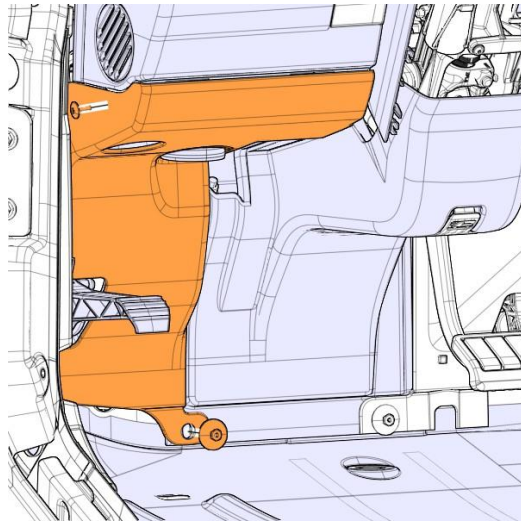
16. Remove the screws.

17. Remove the handle.

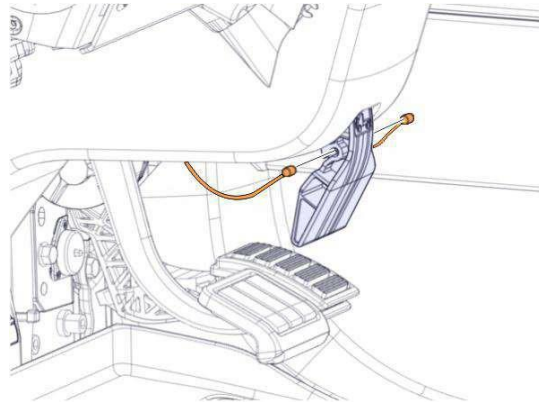


18. Remove the screws.

19. Remove the panel.

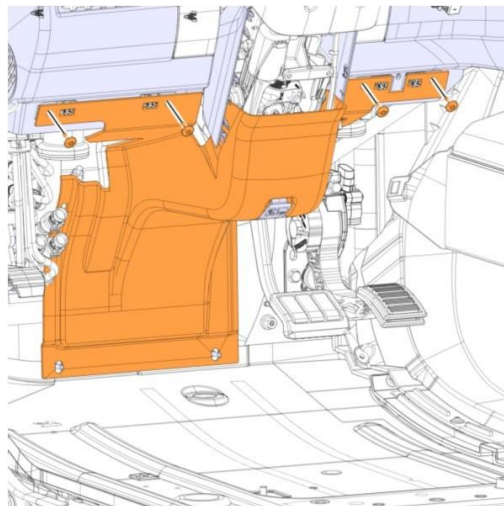


20. Disconnect hood release cable.



21. Remove the screws.

22. Remove the panel.



23. Check the date code on the pedal carrier.

Note: A) Find the row which indicates the year.

For example: the row under 18 is 19 and indicates year 2019.

B) Count the number of dots or the position of the dots.

For example: One dot in the first position is January.

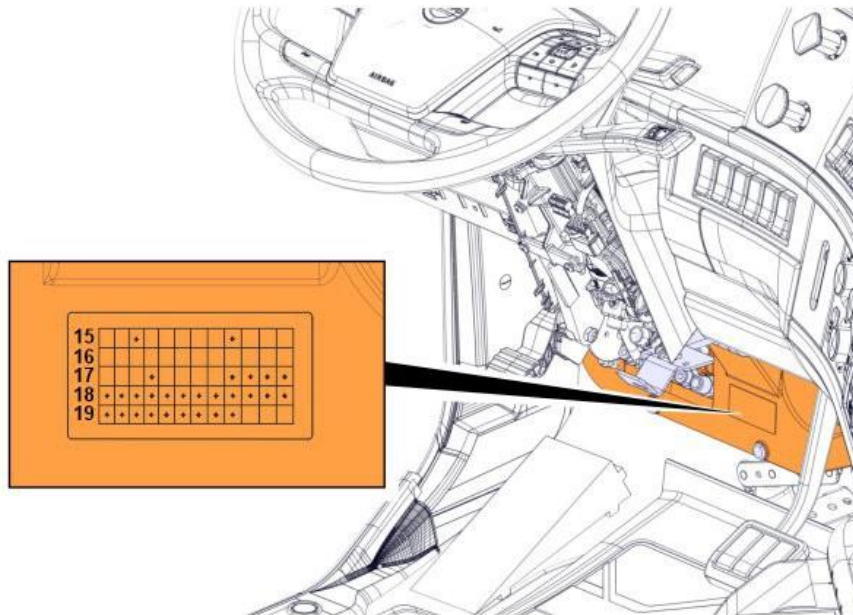


Photo shows an example of September, 2019 date code

24. If the date code shows 9 or 10 dots in row 19 this indicates September, 2019 or October, 2019. Then continue to the Test Procedure next.

25. If date code IS **NOT** 9 or 10 dots, then return the truck to service and file claim as Part "A".

TEST PROCEDURE:

1. Start the vehicle and allow air pressure to build to 120 psi or connect to shop air.
2. Perform 12 simulated emergency stops.
3. Mark the position of the brake switch using the side of the bracket, allowing you to return to original setting.



4. Remove the bolt.
5. Pull the brake pedal shaft out enough to inspect casting.



6. From the driver's perspective; thoroughly inspect both sides of the right most ear for possible defects. The defects seem to resemble a crack with some discoloration. Use examples below to determine defective parts See Fig. 1 and Fig. 2 (circled line/cracks show the signs of defective parts)



Figure 1



Figure 2

7. Before continuing, create an ARGUS case with RVXX2004 in the Summary field, choose Reliability in the App/Service field and add photos of the right most, mounting ear from both sides of the ear. In the Description field indicate whether the Pedal Carrier Plate was replaced or there were no defects found.
8. If defects are found, then continue to the Repair Procedure next.
9. If defects are **NOT** found then return truck to service and file claim as Part "A" + Part "B".

REPAIR PROCEDURE:

1. TO BE AVAILABLE NEXT WEEK

REIMBURSEMENT:

Claim instructions and Labor codes will be provided by end of next week.

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 Business System)	R
Recall Status	
Vehicle repaired per instructions	Modified per instructions
Labor Codes	
Primary Labor Code	Primary Part "A" + Part "B" + Part "C"
Causal Part	82754992
Authorization Number	

Note: Dealers are to perform Safety Recall Campaigns on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles are subject to a safety recall are brought to your dealership for service, or taken into your dealership vehicle inventory, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is sold or released to the owner.