

Refrigerator Door Unintentional Opening, Repair
VN

FSB 885-008 Refrigerator Door Unintentional Opening, Repair

(October 2021)

Certain Volvo Trucks VNL860 models may require replacement of Refrigerator door latch assembly.

Refrigerator Door has too much play in the latch allowing the door to open slightly while the truck is in operation allowing moisture to enter the refrigerator each time the seal is broken causing condensation and ice build up inside the freezer very quickly. The combination of the freezer door freezing over and the ice build up inside the freezer cause the plastic of the freezer door to bend when trying to open, flexing the door to the point the side hinge pins break. Pin holding the door closed has play allowing the door to overcome the magnetic seal when the truck is going down the road.

Follow the instruction outlined in this FSB to repair the latch assembly.

Required Parts

Part Description	Part number	Quantity
Refrigerator door latch	24003069	1

If the freezer door is Intact.

Part Description	Part number	Quantity
Freezer defrost label	24008832	1

If the freezer door is broken

Part Description	Part number	Quantity
Freezer door face	24008860	1
Freezer door back	24008861	1

Procedure

- 1 Remove the screw.



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- 2 Remove the screw.



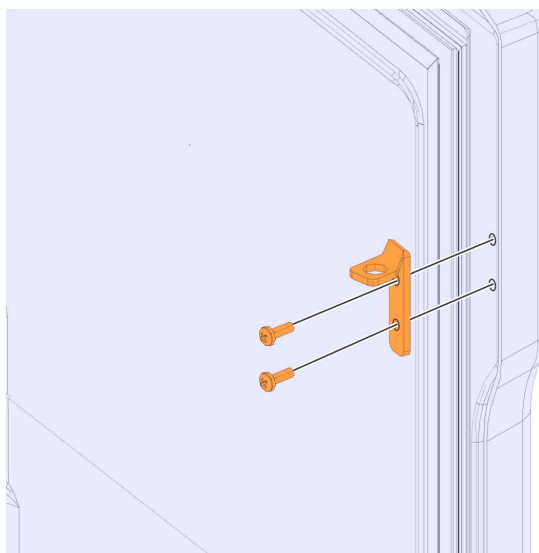
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- 3 Remove the screw.



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- 4 Slide the refrigerator out of the cabinet.
- 5 Remove the screws.
- 6 Remove the latch plate.



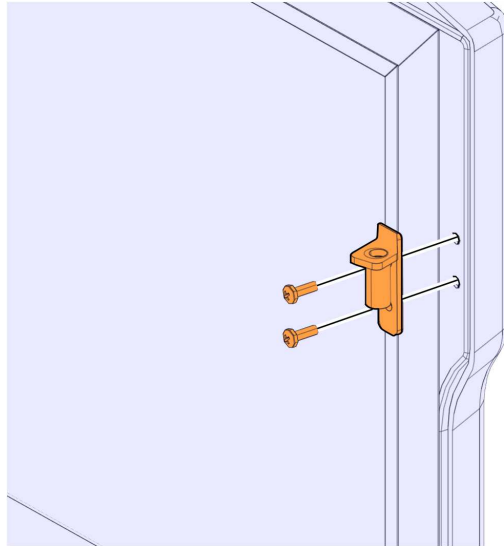
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7 Install the latch.

Note: Use a new part

8 Install the screws.

9 Torque tighten the screws to 1.5 ± 0.3 Nm.



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10 Adjust the latch on the refrigerator box.

Note: Magnetic door seal should not separate from refrigerator cabinet under slight pull.



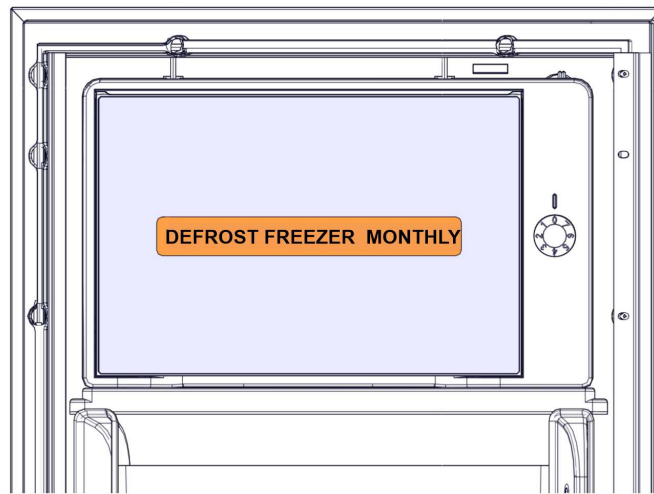
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11 Check for correct function.



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12 If the freezer door is intact install label.



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If the freezer door is broken, follow the additional steps mentioned below to replace the freezer door.

1. .Remove the freezer door.

Note: flex the door in the middle to allow the outer pins to disengage



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2. Install the door.

Note: Use a new part.



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- 13 Slide the refrigerator back into the cabinet.
- 14 Install the screw.
- 15 Torque tighten the screws 13 ± 2 Nm (9.58 ± 1.5 ft-lb).



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- 16 Install the screw.
- 17 Torque tighten the screws 13 ± 2 Nm (9.58 ± 1.5 ft-lb).



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18 Install the screw.

19 Torque tighten the screws 13 ± 2 Nm (9.58 ± 1.5 ft-lb).



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Reimbursement

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.	UCHP Reimbursement
Claim type (used only when uploading from the dealer Bus. Sys.)	01
Labor Code	
Primary labour Code	
Refrigerator door unitentional opening, repair(Including Freezer door replacement)	8851-16-09-02 (0.5Hrs)
Refrigerator door unitentional opening, Repair	8851-16-09-01 (0.4Hrs)
Casual Part	21836199, 22877234, 21836264, 21836203, 22432212

Volvo Trucks reserves the right to make any changes in design or to make additions to or upon its products without incurring any obligations to install the same on vehicles previously built.