

Rust Prevention, Installation
VN, VHD, VAH

SP 899-001, Rust Prevention Installation

(May 2013)

Information

Rust in the bottom hem flange of doors has been an ongoing concern for VOLVO. As we work to address this issue it has been decided that as a preventative measure, wax should be applied to doors for all 2012 built VOLVO trucks. Follow the procedure outlined in this document to apply wax to the driver and passenger doors.

Required Parts

- Plug, Door Drain (82731293) – 5 plugs per door
- Wax, Aerosol Spray (85135447) – 1 can per two doors

Note: Information is subject to change without notice.
Illustrations are used for reference only and may differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.

Procedure

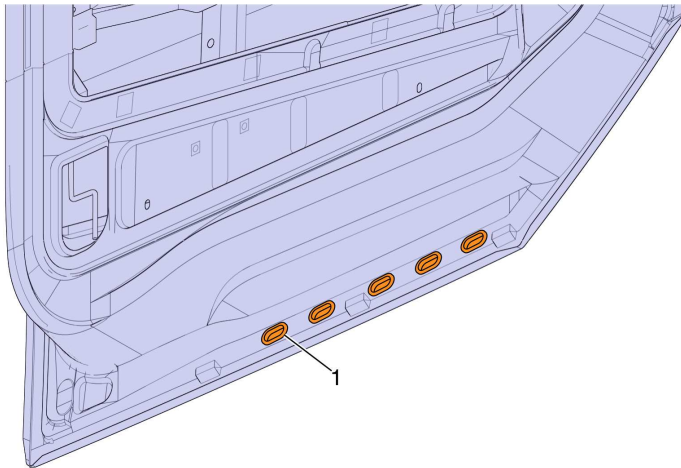
You must read and understand the precautions and guidelines in Service Information, Function Group 80, "General Safety Practices, Cab" before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.



CAUTION

To avoid component damage, ensure that the windows are in the up position before starting this 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 all cables from the negative (ground) battery terminals to prevent personal injury from electrical shock and prevent damage to electrical components.
- 3 Install the door drain plugs (1) in the openings on the bottom of the door, ensuring proper seating.



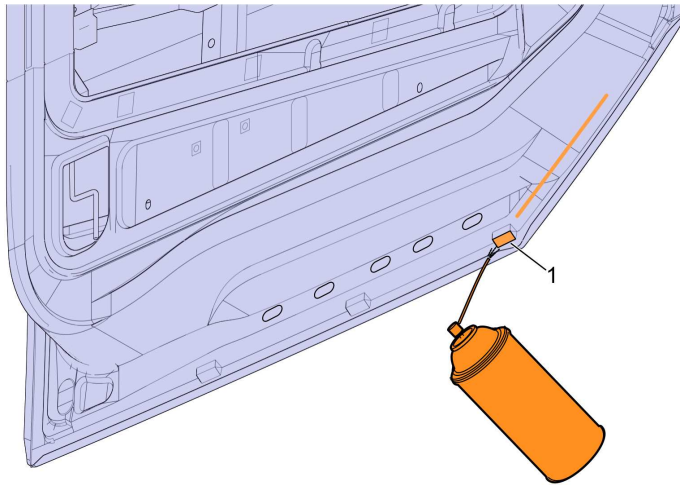
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1 – Door Drain Plug

- Using an aerosol can, spray a liberal amount of cavity wax into the front and rear drain holes (1). In order to get full coverage in the door seam, spray at an upward angle, parallel to the edge of the door.

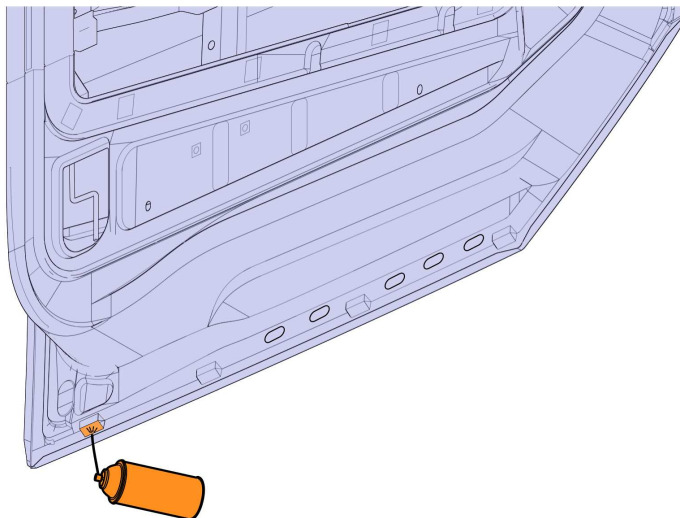
Note: In order to avoid a lack of coverage, it is important that only the tip of the straw is placed into the opening of the drain hole.

Note: To promote even flow and application of the cavity wax, shake the can regularly.



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1 – Front Drain Hole

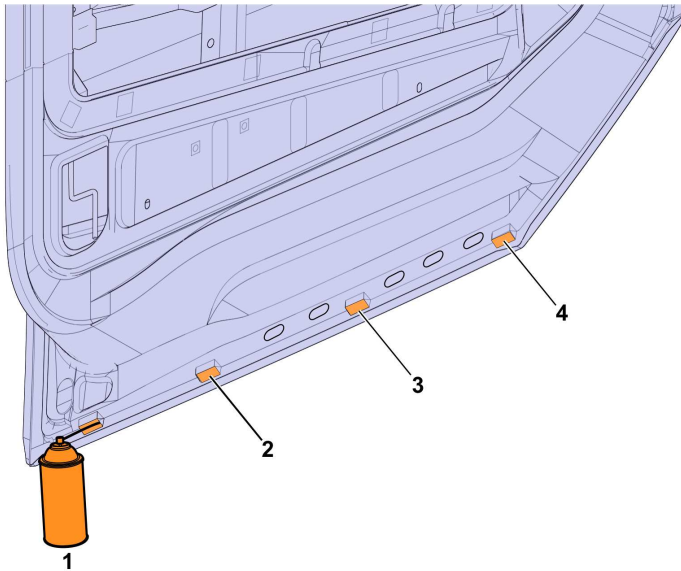


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Rear Drain Hole

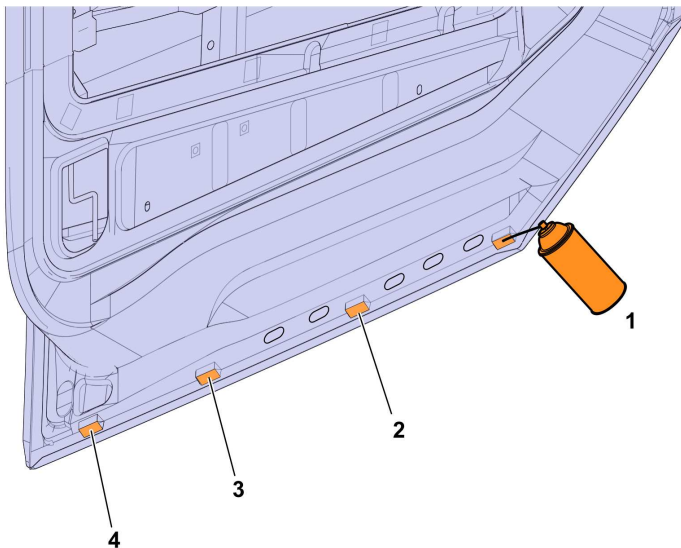
- 5 In order to get full coverage along the bottom door seam, spray cavity wax at a horizontal angle in the bottom drain holes. While applying the cavity wax, spray for five to fifteen seconds until the wax seeps from the next adjoining drain hole. Normally, wax should seep from the next drain hole within this time period.

Note: For even coverage, spray in the bottom drain holes from both directions, front and rear.



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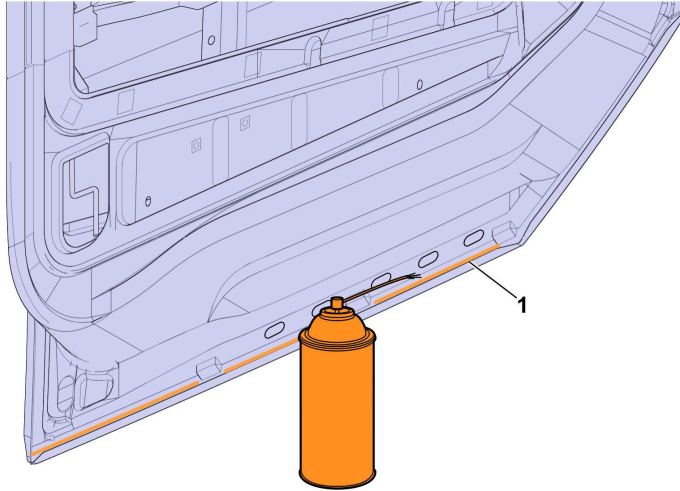
Drain Well Spray Sequence from Front to Rear of Door



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Drain Well Spray Sequence from Rear to Front of Door

- 6 Spray a light coat of cavity wax on the cut edge of the door skin crimp (1). Lightly wipe any excess cavity wax from the door skin crimp and drain holes.



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1 – Door Skin Crimp Edge

- 7 Connect all previously removed cables to the negative (ground) battery terminals. Tighten to 20 ± 2 Nm (15 ± 1.5 ft-lb). Install the battery box cover.

Reimbursement

This repair is covered by an authorized Service Program. Reimbursement is obtained via the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	B
Recall Status	
Vehicle repaired per instruction	Modified per instruction
Labor Code	
Primary Labor Code	89902-0-02 — 0.4 hrs.
Time to take charge and determine campaign status	17003-0-0 — 0.3 hrs.
Causal Part	85104984 (Left Hand), 85104985 (Right Hand)
Authorization Number	SP899001
Expiration Date	15-MAY- 2014

Note: 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 repair visit. If vehicle is having other warranty repairs performed, take charge should be charged to the warranty repair, otherwise take charge can be charged to this service program.