

This document replaces the document released 7/13.  
Labor Code information updated.

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## Brake Chamber, Replacement (Rear)

VN, VHD

### RVXX1302, Brake Chamber, Replacement (Rear)

(January 2014)

On certain 2011-2013 VHD and VNL models manufactured with a MGM Type 24 J-series piston parking brake chamber, the chamber may experience an air leak on the spring brake side of the chamber when the park brake is released by the driver. If this occurs, the brake shoes at that wheel end may not fully release and if undetected by the driver may result in a wheel end fire.

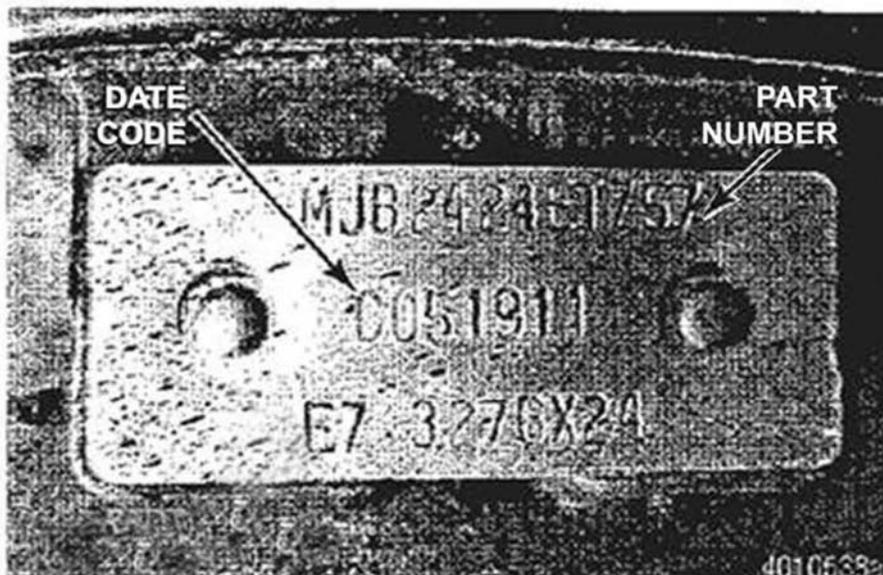
To ensure that we capture all of the suspect materials, Volvo is recalling 894 vehicles produced with the suspect brake chamber part number (MGM Part Numbers: MJS3024ET091 and MJS3024ET092; Volvo Part Numbers: 21126556 and 21126557 for the period of December 3, 2010 through July 17, 2012.

Orders for replacement part number 85115937 needs to be placed through Compass as an Emergency order.

**Please note:** Maximum quantity 9 per order.

This recall involves inspection of the brake chambers for the suspect date code and replacement if found.

Check the date code on the brake chamber identification tag. The date code should fall between November 23, 2010 and March 31, 2012. If the date code is outside of the range, the inspection is complete. The ID tag includes the unit part number. The date code is in the format of a letter code (signifying build location), followed by build date 23 November 2010-31 March 2012 in a Month/Day/Year format. The suspect date range is: C112310-C033112.



Suspect chambers should be rendered inoperable.

**Replacement Procedure:**

1. Park the vehicle on a flat level surface. Place the shift lever in neutral. Apply the parking brake. Turn the ignition key to the OFF position. Chock the front wheels.
2. Drain the complete air system from all pressure.
3. Cage the brake chamber.

 **DANGER**

***Park brake chambers are under extreme pressure and safe work practices should be observed. If instructions are not followed correctly, personal injury or death will occur.***

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4. Disconnect the park brake and service supply air lines from the park brake chamber.
5. Disconnect the clevice pin from the slack adjuster.
6. Remove the two nuts and washers from the park brake chamber studs. Remove the park brake chamber from the vehicle.
7. Remove the clevice from the brake chamber rod, if applicable.
8. Install, adjust and secure the clevice to the rod of the replacement park brake chamber, if applicable.
9. Cage the replacement park brake chamber.
10. Install the replacement park brake chamber and secure to the bracket mount within the two nuts and washers. Torque to 195 +/- 15 Nm (144 +/- 11 ft-lb).
11. Install the clevice pin to the slack adjuster and secure with cotter pin.
12. Connect the park brake and service supply air lines to the replacement park brake chamber.
13. Uncage the replacement park brake chamber.
14. Repeat above procedures for the other 3 wheel-end positions on the rear of the truck.
15. Start the engine and build the air system pressure to check for leaks and proper service/park brake operation.
16. Remove the wheel chocks.

**Reimbursement**

<b>This repair is covered by an authorized Safety Recall campaign. Reimbursement is obtained through the normal claim handling process.</b>	
<b>Claim Type (used only when uploading from the Dealer Bus. Says.)</b>	R
<b>Recall Status</b>	
Vehicle inspected, no repair required	1-Inspected and OK
Vehicle repaired per instructions	2-Modified per instructions
<b>Labor Code</b>	
Primary Labor Code	51201-0-01 - 2.5 hr.
Labor Code for Inspection Only	51201-0-02- 0.4 hr.
Time to take charge of vehicle and determine campaign status	17003-0-01 - 0.3 hr.
<b>Causal Part</b>	21126556, 21126557
<b>Authorization No.</b>	RVXX1302

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.

**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.

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