



U.S. Department  
of Transportation

1200 New Jersey Avenue, SE.  
Washington, DC 20590

**National Highway  
Traffic Safety  
Administration**

*March 10, 2008*

MR. ADAM KOPSTEIN  
MANAGER, AUTOMOTIVE SAFETY & COMPLIANCE  
VOLVO CARS OF NORTH AMERICA , LLC  
1 VOLVO DRIVE  
ROCKLEIGH NJ 07647

NVS-215dgl  
08V-101

Subject: BRAKE MASTER CYLINDER

Dear MR. KOPSTEIN:

This letter serves to acknowledge Volvo's notification to the National Highway Traffic Safety Administration (NHTSA) of a safety defect in the products described below, for which a safety recall campaign shall be conducted pursuant to 49 U.S.C. § 30119.

Please review the following information to ensure that it conforms to your records as this information is being made available to the public. If the information does not agree with your records, please contact us immediately to discuss your concerns.

**Makes/Models/Model Years:**

VOLVO/C30/2007  
VOLVO/C70/2007  
VOLVO/S40/2007  
VOLVO/V50/2007

**NHTSA Campaign Number:** 08V-101

**Mfg's Report Date:** February 29, 2008

**Components:** SERVICE BRAKES, HYDRAULIC:FOUNDATION COMPONENTS:  
MASTER CYLINDER

**Potential Number of Units Affected:** 1,114

**Summary:**

VOLVO IS RECALLING 1,114 MY 2007 C30, C70, S40, AND V50 PASSENGER VEHICLES. A SOFT ANODIZED LAYER IN THE MASTER CYLINDER MAY TRIGGER EARLY WEAR ON A RUBBER SEAL THAT CAN RESULT IN INTERNAL LEAKAGE OF BRAKE FLUID. IF AFFECTED, THE DRIVER MAY EXPERIENCE REDUCED BRAKE PERFORMANCE WHEN APPLYING AND MAINTAINING FORCE OF THE BRAKE PEDAL.

**Consequence:**

THE CAPACITY TO BRAKE WILL GRADUALLY DETERIORATE FORCING THE DRIVER TO USE A HIGHER THAN EXPECTED FORCE ON THE BRAKE PEDAL WHEN COMPARED TO AN INTACT BRAKE SYSTEM. THE DETERIORATION CAN EVENTUALLY RESULT IN COMPLETE LOSS OF THE BRAKE SYSTEM FUNCTIONALITY INCREASING THE RISK OF A CRASH.

**Remedy:**

DEALERS WILL INSPECT OF THE DATE CODE ON THE MASTER CYLINDER WILL BE PERFORMED. THE BRAKE MASTER CYLINDER AND BRAKE FLUID RESERVOIR WILL BE REPLACED AND CERTAIN BRAKE LINES CLEANED FREE OF CHARGE. THE RECALL IS EXPECTED TO BEGIN DURING MARCH 2008. OWNERS MAY CONTACT VOLVO AT 1-800-458-1552.

**Notes:**

VOLVO RECALL NO. 194. CUSTOMERS MAY ALSO CONTACT THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION'S VEHICLE SAFETY HOTLINE AT 1-888-327-4236 (TTY 1-800-424-9153), OR GO TO [HTTP://WWW.SAFERCAR.GOV](http://www.safercar.gov).

The information in your defect report appears to satisfy the requirements of 49 CFR 573.6.

Please provide the following additional information and be reminded of the following requirements:

Copies of all notices, bulletins, dealer notifications, and other communications that relate to this recall, including a copy of the final owner notification letter and any subsequent owner follow-up notification letter(s), are required to be submitted to this office no later than 5 days after they are originally sent (if they are sent to more than one manufacturer, distributor, dealer, or purchaser/owner).

As stated in Part 573.7, submission of the first of six consecutive quarterly status reports is required within one month after the close of the calendar quarter in which notification to purchasers occurs. Therefore, the first quarterly report will be due on or before 30 days after the close of the calendar quarter.

Your contacts for this recall will be Pat Wallace or Delia Lopez, who may be reached by phone at 202-366-5232 or 202-366-9525 or by email at [Patricia.wallace@dot.gov](mailto:Patricia.wallace@dot.gov), [Delia.lopez@dot.gov](mailto:Delia.lopez@dot.gov), or through the office email at [RMD.ODI@dot.gov](mailto:RMD.ODI@dot.gov). We look forward to working with you for successful completion of this recall campaign.

Sincerely,

A handwritten signature in cursive script that reads "Patricia Wallace for".

George H. Person  
Chief, Recall Management Division  
Office of Defects Investigation  
Enforcement