



U.S. Department
of Transportation

400 Seventh Street, SW
Washington, DC 20590

**National Highway
Traffic Safety
Administration**

November 17, 2005

WILLIAM SHAPIRO
MANAGER, REGULATORY AND
PRODUCT COMPLIANCE
VOLVO CARS OF NORTH AMERICA, LLC
1 VOLVO DRIVE, BUILDING B
ROCKLEIGH NJ 07647

NVS-215
05V-529

Subject: STARTER MOTOR SOLENOID

Dear MR. SHAPIRO:

This letter is to acknowledge your recent defect information report. Please review the following information to ensure that it conforms to your records as this is the information that will be made available to the public.

Makes/Models/Model Years:

VOLVO/S80/2005
VOLVO/XC90/2005

NHTSA Campaign Number: 05V-529

Mfg's Report Date: November 16, 2005

Components: ELECTRICAL SYSTEM:STARTER ASSEMBLY:SOLENOID

Potential Number of Units Affected: 10,259

Summary:

ON CERTAIN PASSENGER AND SPORT UTILITY VEHICLES, DUE TO AN ERROR IN THE FACTORY ASSEMBLY INSTRUCTION, THE B+TERMINAL MAY BE IN CONFLICT WITH THE STARTER MOTOR SOLENOID. IF THIS OCCURS, THE CONFLICT BETWEEN THE B+TERMINAL AND THE STARTER MOTOR SOLENOID MAY DEVELOP INTO A SHORT CIRCUIT OF THE BATTERY CABLE TO GROUND.

Consequence:

SMOKE MAY APPEAR FROM UNDER THE HOOD AND IT MAY BE IMPOSSIBLE TO START THE CAR. IF THE SHORT CIRCUIT HAPPENS DURING DRIVING, ELECTRICAL POWER COULD BE LOST RESULTING IN WARNING LAMPS BEING DEACTIVATED. AN ELECTRICAL SHORT COULD RESULT IN A FIRE.

Remedy:

DEALERS WILL INSPECT AND INCREASE DISTANCE BETWEEN THE B+TERMINAL AND THE STARTER MOTOR SOLENOID BY ADJUSTING THE TERMINAL. THE MANUFACTURER HAS NOT YET PROVIDED AN OWNER NOTIFICATION SCHEDULE FOR THIS CAMPAIGN. OWNERS SHOULD CONTACT VOLVO AT 1-800-458-1552.

Notes:

VOLVO RECALL NO. R150. CUSTOMERS CAN 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 except for the following items:

Effective October 21, 2004, a manufacturer must provide an estimated dealer notification date as well as an owner notification date (month/day/year) when submitting a defect/noncompliance report (Part 573.6).

You are required to submit a draft owner notification letter to this office no less than five days prior to mailing it to the customers. Also, 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 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).

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@nhtsa.dot.gov or delia.lopez@NHTSA.dot.gov. We look forward to working with you for successful completion of this recall campaign.

Sincerely,

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