

|  |                 |                |                        |   |  |  |                   |
|--|-----------------|----------------|------------------------|---|--|--|-------------------|
| <b>VOLVO</b>                                 |                 |                |                        | <b>TITLE:</b><br>Recall 227: Torque Gearshift Lever Stud Assembly   |  | <b>GROUP:</b><br>43                    | <b>NO:</b><br>227 |
|  |                 |                |                        | Certain Model Year 2010 S40 & V50 Vehicles Equipped with M66 Manual 6-Speed Transmissions, Certain Model Year 2010 & 2011 C30 Vehicles Equipped with M66 Manual 6-Speed Transmissions |  | <b>ISSUING DEPARTMENT:</b><br>Warranty |                   |
| <b>CAR MARKET:</b><br>U.S., Canada           |                 |                |                        |   |  |  |                   |
| <b>DATE:</b><br>YEAR MONTH DAY<br>2010 06 14 |                 |                |                        |   |  |  |                   |
| Service Personnel: read and initial.         | SERVICE MANAGER | SERVICE WRITER | WARRANTY ADMINISTRATOR | <b>REFERENCE BULLETINS:</b><br>RTJ 22815  |  | Page 1 of 3                            |                   |
|  |                 |                |                        |   |  |  |                   |

**BULLETIN REFERENCE: RTJ 22815**

- A. RECALL 227 DESCRIPTION
- B. VEHICLES INVOLVED
- C. PARTS INFORMATION/PARTS RETURN
- D. OWNER NOTIFICATION
- E. VEHICLES IN RETAILER INVENTORY
- F. RETAILER RESPONSIBILITY
- G. CAMPAIGN REIMBURSEMENT PROCEDURES

**A. RECALL CAMPAIGN 227 DESCRIPTION**

Volvo Cars of North America, LLC (Volvo) has decided to conduct a voluntary safety recall on certain model year 2010 S40 and V50 vehicles and certain model year 2010 & 2011 C30 vehicles equipped with M66 Manual 6-Speed Transmissions.

Volvo has identified that the gearshift lever stud assembly may not have been tightened to the correct specification during assembly. If the shift lever cable or stud assembly becomes loose, it may not be possible to engage, disengage or shift gears.

The corrective action is to torque the gearshift lever stud assembly per the instructions in Retailer Tech Journal 22815.

A total of 536 U.S. and 123 Canadian vehicles are eligible for this recall.

"Fixed Right — First Time"



**B. VEHICLES INVOLVED**

**NOTE: RETAILERS MUST CONFIRM VEHICLE ELIGIBILITY PRIOR TO BEGINNING THIS RECALL REPAIR.**

All vehicles should be checked for any other incomplete recalls or service campaigns or service upgrades. All open Recall, Service Campaign or Service Action repairs should be completed.

**RETAILER VEHICLE CAMPAIGN LIST**

The "Incomplete Recall Report" will be posted on VRC<sup>2</sup> in the Reports Menu under the Service Tab. This report lists all affected vehicles that are on record as retailed/serviced or currently in stock at your facility with incomplete recalls and service campaigns, and is updated monthly.

**C. PARTS INFORMATION / PARTS RETURN**

No replacement parts involved in this recall.

**D. OWNER NOTIFICATION**

Owner notification is scheduled to begin in late June.

**E. VEHICLES IN RETAILER INVENTORY**

All vehicles in retailer inventory and qualifying for this recall must be repaired prior to a customer taking possession of the vehicle.

**F. RETAILER RESPONSIBILITY**

Retailers are to perform this recall on eligible vehicles regardless of mileage/kilometers or vehicle age. The repairs included in Recall 227 are free of charge to the owner. If a customer presents a recall or service campaign letter for a vehicle that is not found via the VRC<sup>2</sup> inquiry function, please verify that the letter applies to the customer's vehicle and call the Warranty Assistance Desk at 1-800-807-7712 for instructions. If the Warranty Assistance Desk verifies that the vehicle qualifies for the Recall or Service Campaign, please perform the repair and place the recall or service campaign letter in the customer's file. Under no circumstances should a customer be denied the required service without a confirmation from VCNA/VCCC.

**G. CAMPAIGN REIMBURSEMENT PROCEDURES (LONG FORM APPLICATION)**

Labor reimbursement allowance is effective at time of release and may change in the future.

**Claim Type:** R49111  
**Cause Code:** 02  
**CSC Code:** XW  
**MAIN OP:** 43292

| <b>Operation Number</b> | <b>Repair Description</b>            | <b>Qty</b> | <b>Labor Time</b> |
|-------------------------|--------------------------------------|------------|-------------------|
| 43292                   | Torque Gearshift Lever Stud Assembly | 1          | 0.3               |



## TIE - Technical Journal

**Title** Recall 227: M66, Not possible to engage, disengage, or shift gears

**Ref No** US22815.1.1 en-GB

**Issuer** -

**Partner** 3 US 7510 Volvo Cars North America

**Func Group** 4325 **Func Desc** gear selector, parts; connection, parts;

**Status** Released

**Status Date** 2010-06-08

**Issue Date** 2010-06-03

**Reference** SMB 43-227

### Attachment

| File Name               | File Size |
|-------------------------|-----------|
| Attachment TJ 22815.pdf | 0.3962 MB |

### Vehicle Type

| Type | Eng | Eng Desc | Sales | Body | Gear | Steer | Model Year | Plant | Chassis range    | Struc Week Range |
|------|-----|----------|-------|------|------|-------|------------|-------|------------------|------------------|
| 533  |     |          |       |      | 1    |       | 2010 -2010 | 22    | 0182625 -0208326 | 200942 -201013   |
| 544  |     |          |       |      | 1    |       | 2010 -2010 | 22    | 0497461 -0511026 | 200942 -201013   |
| 544  |     |          |       |      | 4    |       | 2010 -2010 | 22    | 0497461 -0511026 | 200942 -201013   |
| 545  |     |          |       |      | 1    |       | 2010 -2010 | 22    | 0543653 -0571828 | 200943 -201013   |
| 545  |     |          |       |      | 4    |       | 2010 -2010 | 22    | 0543653 -0571828 | 200943 -201013   |

### CSC

| Code | Description                                 |
|------|---|
| XW   | Service action/Recall/Service action/Recall |

### DTC

#### Text

**CSC = Customer Symptom Code**

**DTC = Diagnostic Trouble Code**

**NOTE! THIS DOCUMENT SUPERSEDES THE PREVIOUS RETAILER TECHNICAL JOURNAL 22815 DATED 04-22-2010. This procedure is now a recall. PLEASE UPDATE YOUR FILES.**

**Note! If using a printed copy of this Retailer Technical Journal, first check for the latest online version.**

#### DESCRIPTION:

Volvo cars of North America, LLC (Volvo) has decided to conduct a voluntary safety recall on certain model year 2010 S40 and V50 vehicles and certain model year 2010 and 2011 C30 vehicles equipped with M66 Manual 6-Speed transmissions.

Volvo has identified that the gearshift lever stud assembly may not have been tightened to the correct specification during assembly. If the shift lever cable or stud assembly becomes loose, it may not be possible to engage, disengage, or shift gears. This condition can increase the risk of a vehicle crash.

#### PRODUCT MODIFICATION:

An improved check method has been introduced into production at structure week 2010w13 (see chassis ranges above).

#### SERVICE:

For this symptom, follow the attached instruction.

# Volvo Car Customer Service

TJ Instruction

TJ No 22815

Date

June -10  
Issue 01

Title

Recall 227: M66, Not possible to engage, disengage, or shift gears

| Special tools | Quantity | Part No. |
|---------------|----------|----------|
| Jimmy bar     | 1        | 999 7077 |

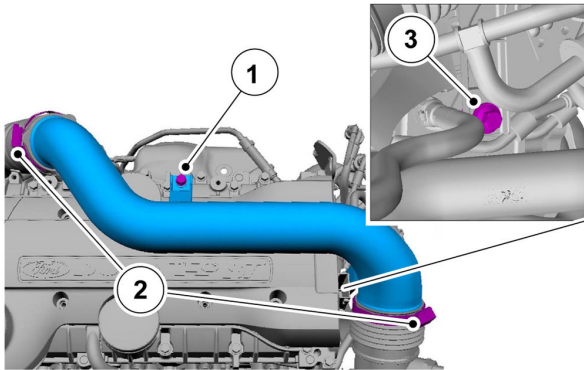
## SERVICE:

### Removal

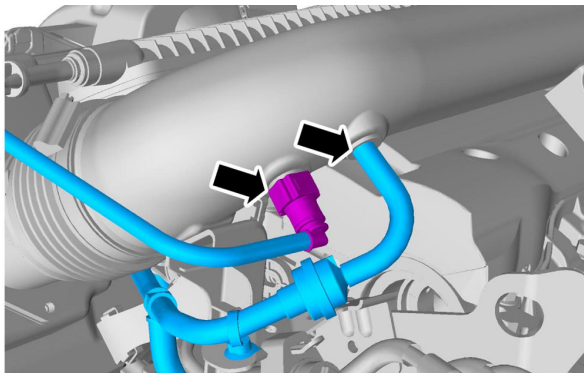
**Note! Removal steps in this procedure may contain installation details.**

1. **Caution! Make sure that all openings are sealed. Use new blanking caps.**

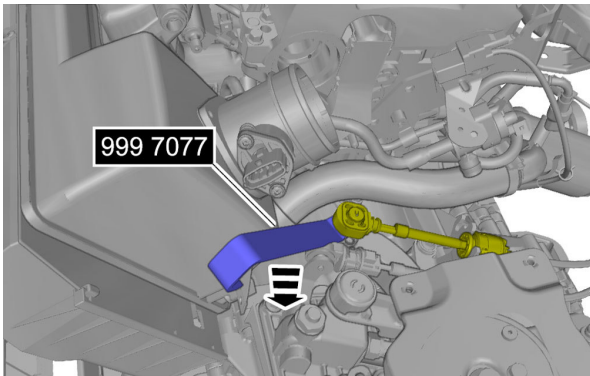
Torque:  
M6, 10Nm (7.3 lbf- ft)



- 2.



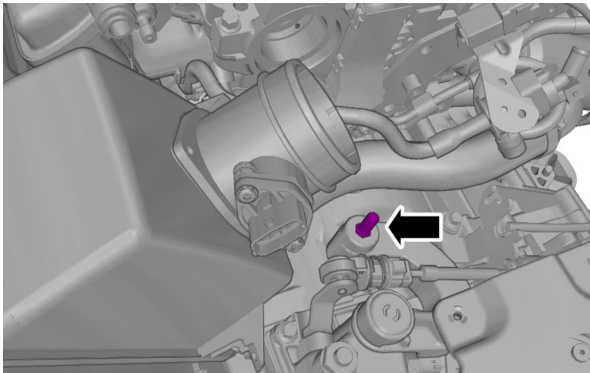
# VOLVO



3. Special Tool: 999 7077, Jimmy bar

#### Check

4. Torque:  
Gear shift lever stud assembly, 20Nm (14.75 lbf-ft)



#### Installation

5. To install, reverse the removal procedure.