

Repl: This Service Program replaces "SP 514-005 Slack Adjuster" dated April 2012.

| Date   | Group      | No.        | Release  | Page |
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| 6.2012 | <b>514</b> | <b>005</b> | <b>2</b> | 1(3) |

Slack Adjuster Replacement  
VN

## SP 514-005, Slack Adjuster

(June 2012)

**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.

On the steering axle of certain VOLVO VN trucks, the zerk fitting on the Meritor slack adjuster comes into contact with the bolt head of the steering arm causing the fitting to break.

## **Procedure**

### *Removal*

- 1 Apply the parking brake.
- 2 Raise hood.
- 3 Remove the cotter keys and clevis pins.
- 4 Remove the e-clip.
- 5 Remove the slack adjuster.

### *Installation*

- 1 Install replacement slack adjuster PN 21759181 and secure with e-clip.
- 2 Remove the adjustment pawl and spring to allow the adjuster to rotate clockwise and counter-clockwise.
- 3 Adjust slack up to clevis and install both pins and clips.
- 4 Adjust slack to specifications. Brakes that have air chambers shipped to the manufacturing plant with fully caged chambers are adjusted by: Tightening the slack adjuster adjusting screw until the brake shoes touch the drum; Back off the slack adjuster adjusting screw  $\frac{1}{2}$  turn.
- 5 Reinstall adjustment pawl and spring and torque to 17.6–24.4 Nm (156–216 in-lb).
- 6 Check for proper operation.

Use same procedure on the opposite side of the vehicle.

**Reimbursement**

|  |                                |
|--|--------------------------------|
| <b>This repair is covered by an authorized Service Program. Reimbursement is obtained via the normal claim handling process.</b> |                                |
| <b>Claim Type (used only when uploading from the Dealer Bus. Sys.)</b>   | B                              |
| <b>Recall Status</b>   |                                |
| Vehicle inspected, repair not required   | 1- Inspected<br>OK             |
| Vehicle repaired per instruction   | 2- Modified<br>per instruction |
| <b>Labor Code</b>  |                                |
| Primary Labor Code   | 51403-0-02<br><br>0.3 hrs.     |
| Time to take charge and determine campaign status  | 17003-0-01<br><br>0.3 hrs.     |
| <b>Causal Part</b>   | 8086514                        |
| <b>Authorization Number</b>  | SP514005                       |
| <b>Expiration Date</b>   | 31 May 2013                    |

**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.