

Front Spring Breakage
VAH**SP 721-005, Front Spring Breakage**

(October 2013)

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.

It has been discovered on some VAH vehicles that the front springs can over travel. Over time this can lead to breakage of the spring leaf. A spacer plate will be installed to increase the height of the suspension bumpstops to limit spring travel.

Parts List

Part Number	Description	Quantity
25110506	Spacer	2
20560240	U-bolt	4
21823706	Nut	8

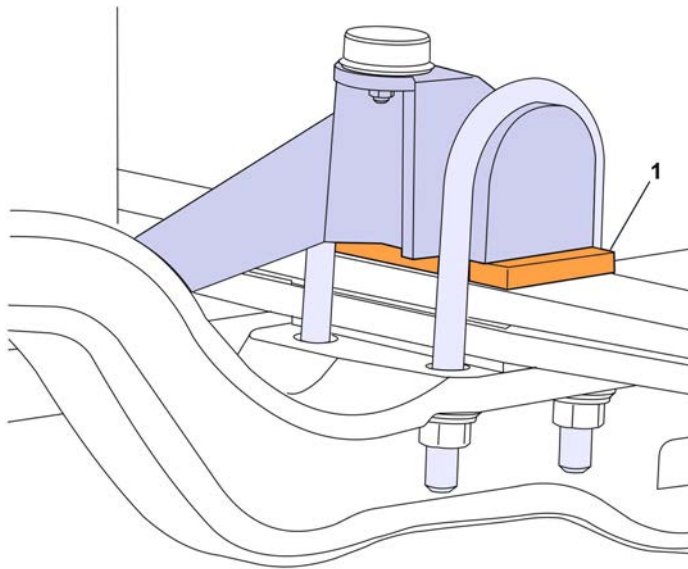
Repair Procedure

- 1 Chock the vehicle and set parking brakes to prevent vehicle from moving.
- 2 Raise the hood.
- 3 Jack the front axle up and place the vehicle on jack stands.

Note: Locate each jack stand in front of or just behind the spring hangers onto the frame in a manner that is secure.

- 4 Support the axle beam with a floor jack.
- 5 Remove the lower shock mounting fastener.
- 6 Remove the U-bolts from one side of the steer axle and spring assembly.

Note: Discard the old U-bolts.



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- 1 Spacer to be added between top plate and leaf spring.
 - 7 Remove the top plate over the spring assembly.
 - 8 Install the new spacer onto the spring assembly.
 - 9 Install the top plate, new U-bolts and nuts and secure. Torque to 550 ± 25 Nm (406 ± 18 ft-lb).
- Note:** Tighten evenly in an X - pattern.
- 10 Install the lower shock mounting fastener. Torque to 415 ± 40 Nm (306 ± 30 ft-lb).
 - 11 Perform these same steps on the other side of the vehicle.
 - 12 Jack the steer axle up and remove jack stands and let axle down.
 - 13 Remove wheel chocks.
 - 14 Lower hood.

Reimbursement

This repair is covered by an authorized Service Program. Reimbursement is obtained via the normal claim handling process.	
Claim Type (used only when uploading from the Dealer Bus. Sys.)	B
Recall Status	
Vehicle inspected, repair not required	1- Inspected OK
Vehicle repaired per instruction	2- Modified per instruction
Labor Code	
Primary Labor Code	72110-0-01 1.4 hrs.
Time to take charge and determine campaign status	17003-0-01 0.3 hrs.
Causal Part	25130990
Authorization Number	SP721005
Expiration Date	OCT 1, 2014

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.