

**NUMBER:** 07-007-15**GROUP:** Cooling**DATE:** October 09, 2015

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**SUBJECT:**

Vibration Felt In Steering Wheel

**OVERVIEW:**

This bulletin involves applying aluminium adhesive tape around the radiator anchoring pin.

**MODELS:**

2015 (BU) Jeep Renegade

**NOTE: This bulletin applies to vehicles within the following markets/countries:  
NAFTA, EMEA**

**NOTE: This bulletin applies to vehicles built on or before May 26, 2015 (MDH  
0526XX) WITHOUT Transmission Skid Plate (Sales Code XE9).**

**SYMPTOM/CONDITION:**

The customer may describe a vibration that is felt in the steering wheel.

A vibration may be caused by clearance between the radiator anchoring pin and radiator support rubber bushing.

**DIAGNOSIS:**

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

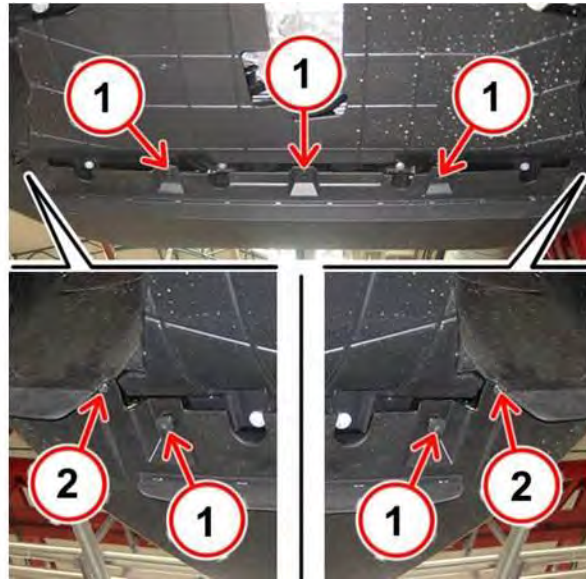
**PARTS REQUIRED:**

Qty.	Part No.	Description
1 (AR)	NPN	3M™ Aluminum Foil Adhesive Tape 3381 (or equivalent)

**NOTE: Each roll of aluminum foil adhesive tape will service approximately 100  
vehicles (Shop Supply, Not on Claim).**

**REPAIR PROCEDURE:**

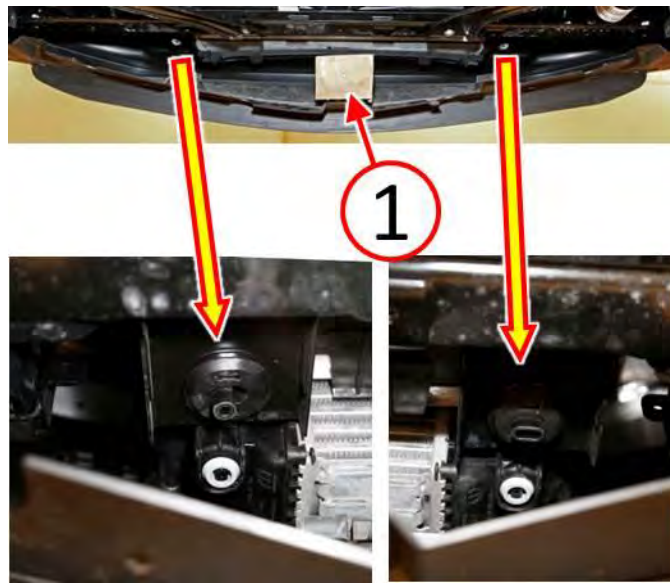
1. Raise the vehicle. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info> 04 - Vehicle Quick Reference> Hoisting> Standard Procedure.
2. Remove the lower fasteners (1 and 2) from the front bumper fascia lower edge (Fig. 1).



**Fig. 1 Remove Front Bumper Fascia Lower Edge Fasteners**

- 1 - Bolts  
2 - Screws

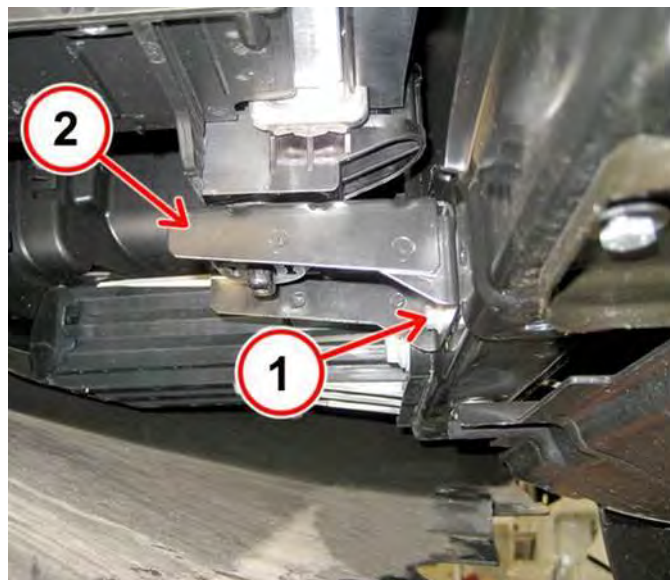
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3. Use a wood block (1) or equivalent to hold the front bumper fascia lower edge down in order to access the radiator support brackets (Fig. 2).



**Fig. 2 Use Wood Block To Provide Access**

1 - Wood Block

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4. Remove the bolts (1) from the radiator support brackets (2) on both the right and left sides of the vehicle and remove the brackets (Fig. 3).



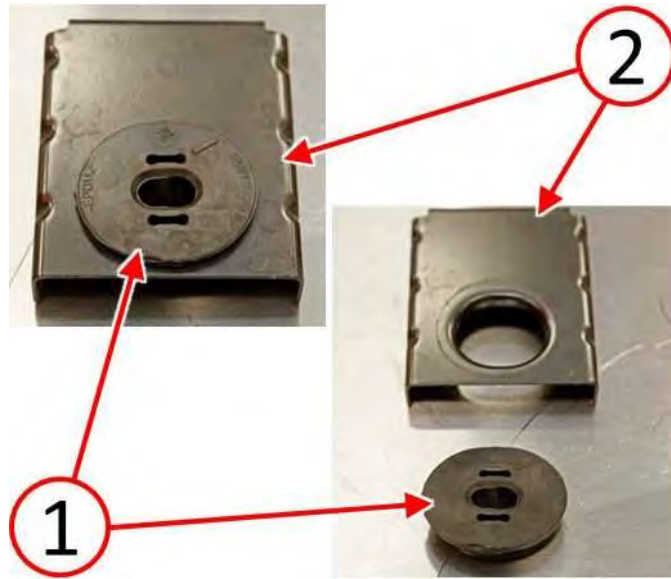
**Fig. 3 Remove Radiator Support Brackets**

1 - Bolt

2 - Support Bracket

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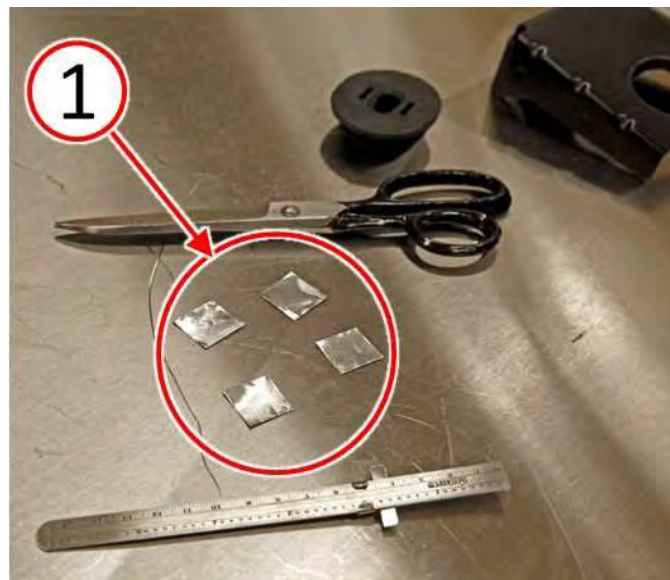
5. With the radiator support brackets off-vehicle, remove the rubber bushing (1) from the bracket (2), repeat for both brackets (Fig. 4).



**Fig. 4 Remove Bushings From Brackets**

- 1 - Rubber Bushing
- 2 - Support Bracket

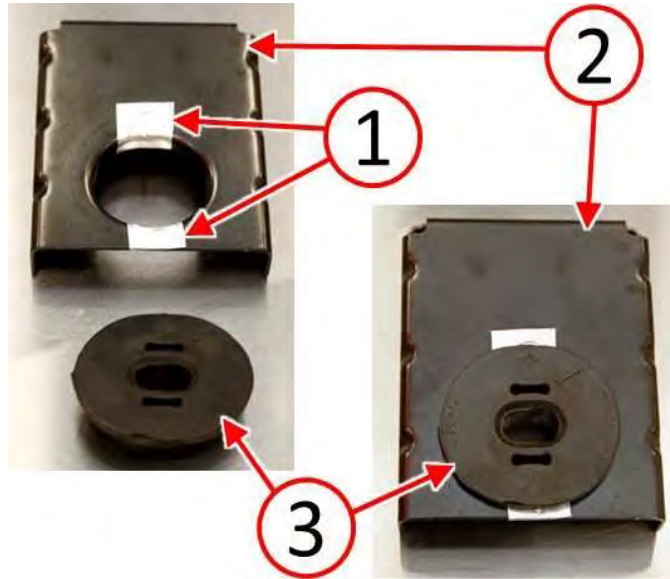
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6. Cut four pieces of aluminum foil adhesive tape to 20 mm x 20 mm (Fig. 5).



**Fig. 5 Cut Tape Pieces To Size**

- 1 - Aluminum Foil Adhesive Tape Pieces
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7. Apply two pieces of aluminium adhesive tape (1) to each bracket (2), one piece on the fore and one piece on the aft sides of the bushing openings (Fig. 6).
8. Install the rubber bushing (3) into the bracket (2), repeat for both brackets (Fig. 6).



**Fig. 6 Install Tape And Bushings To Brackets**

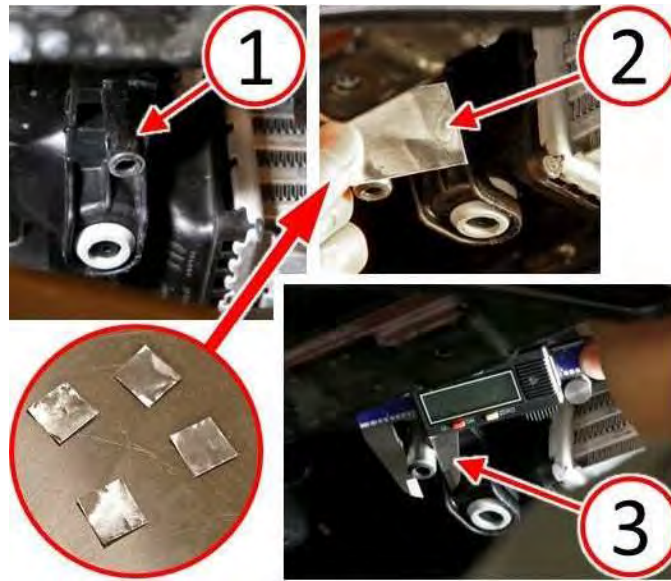
- 1 - Aluminum Foil Adhesive Tape
- 2 - Support Bracket
- 3 - Rubber Bushing

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9. Cut pieces of aluminum foil adhesive tape to 30 mm x 38 mm.

**NOTE: Approximately four pieces may be required. Actual number of pieces will be determined by the thickness of the aluminium foil adhesive tape used.**

10. On the left side only, wrap the aluminium foil adhesive tape pieces (2) around the round anchoring pin (1) in order to increase the pin diameter (3) by 1 mm (Fig. 7).



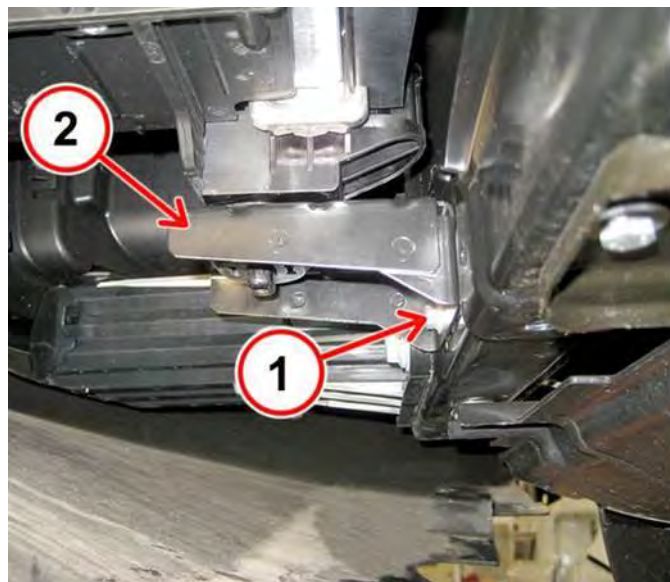


**Fig. 7 Wrap Tape Around Anchoring Pin**

- 1 - Anchoring Pin
- 2 - Aluminum Foil Adhesive Tape
- 3 - Measuring Caliper

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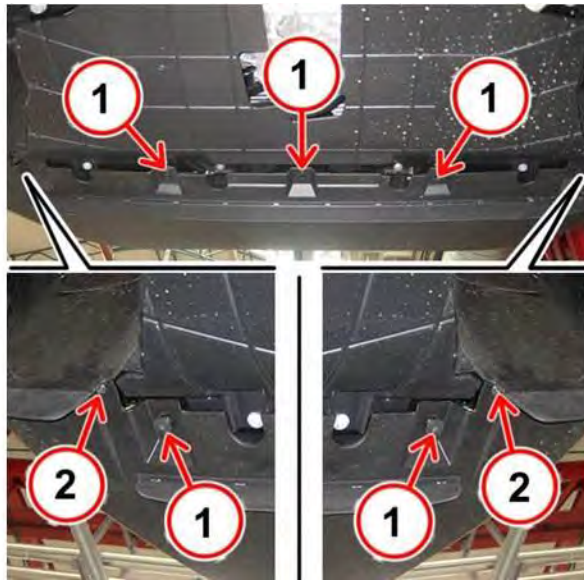
11. Install the radiator support brackets (2) and secure with bolts (1) on both the right and left sides of the vehicle (Fig. 8).



**Fig. 8 Install Radiator Support Brackets**

- 1 - Bolt
  - 2 - Support Bracket
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12. Remove the wood block and install the fasteners (1 and 2) securing the front bumper fascia lower edge (Fig. 9).



**Fig. 9 Install Front Bumper Fascia Lower Edge Fasteners**

- 1 - Bolts
- 2 - Screws

13. Lower the vehicle.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

Labor Operation No:	Description	Skill Category	Amount
07-14-01-90	Repair Both Lower Radiator Mounting Brackets and Apply Tape to Left Radiator Pin (0 - Introduction)	6 - Electrical and Body Systems	0.5 Hrs.

**FAILURE CODE:**

ZZ	Service Action
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