

NUMBER: 05-002-13

GROUP: Brakes

DATE: February 22, 2013

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SUBJECT:

Front Brake Judder And/Or Vibration

OVERVIEW:

This bulletin involves installing new right and left front lower control arms, brake linings and resurfacing or replacing both front brake rotors.

MODELS:

2011-2012 (RT) Caravan / Town & Country

NOTE: This bulletin applies to vehicles equipped with brake sales code BRE and/or BRG built before March 30, 2012.

SYMPTOM/CONDITION:

Brake pedal pulsation, steering wheel shake and/or floor pan vibration when braking.

DIAGNOSIS:

If the symptom/condition is experienced proceed to the repair procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1 (AR)	68093323AB	Pad Kit, Front Disk Brake
2 (AR)	04779783AB	Rotor, Brake, Front
1 (AR)	04766910AK	Arm, Lower Control, Front, Right
1 (AR)	04766911AK	Arm, Lower Control, Front, Left

SPECIAL TOOLS/EQUIPMENT REQUIRED:

1	PSE Approved On-Car Brake Lathe (Hunter or Pro-Cut)
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REPAIR PROCEDURE:

1. Raise the vehicle on a suitable hoist. Refer to the detailed service procedures available in DealerCONNECT > TechCONNECT under: Service Info > 04- Vehicle Quick Reference > Hoisting > Standard Procedure > Hoisting.
2. Do you have an approved PSE on-car brake lathe?
 - a. Yes>>> Proceed to [Step #5](#).
 - b. No>>> Proceed to [Step #3](#).
3. Remove and replace the front brake rotors. Refer to the detailed removal/installation procedures available in DealerCONNECT > TechCONNECT under: Service Info > 05- Brakes > Brakes, Base > Hydraulic/Mechanical > ROTOR, Brake > Removal/Installation > Front .
4. Remove and replace the right and left front brake pads. Refer to the detailed removal/installation procedures available in DealerCONNECT > TechCONNECT under: Service Info > 05- Brakes > Brakes, Base > Hydraulic/Mechanical > Pads, Brake, Front > Removal/Installation. Then proceed to [Step #7](#).
5. Using a PSE approved on-vehicle brake lathe, lightly resurface both front rotors.

NOTE: Follow all resurfacing directions and procedures associated with the equipment used.

6. Remove and replace the right and left front brake pads. Refer to the detailed removal/installation procedures available in DealerCONNECT > TechCONNECT under: Service Info> 05- Brakes > Brakes, Base > Hydraulic/Mechanical > Pads, Brake, Front > Removal.
7. Inspect the bushing on the right and left lower control arm as show in ([Fig. 1](#)). Did the bushing have 8 slots as shown in call out 2 as compared to 3 in call out 1?
 - a. Yes >>> Return the vehicle to the customer.
 - b. No >>> Proceed to [Step #8](#)

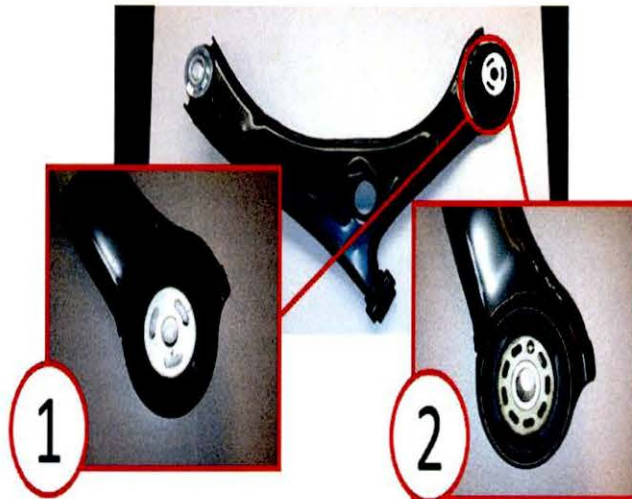


Fig. 1 Front Lower Control Arm

1 - Replace Previous Control Arm Bushing (Metal Substrate Inner)

2 - Retain Current Control Arm Bushing (Plastic Substrate Inner)

8. Remove and replace the right and left lower control arm. Refer to the detailed removal/installation procedures available in DealerCONNECT > TechCONNECT under: Service Info > 02- Front Suspension > ARM, Lower Control > Removal/Installation.
9. Road test the vehicle for 5 miles.
10. Did any brake pedal pulsation, steering wheel shake and/or floor pan vibration exhibit.
 - a. Yes >>> Continue further diagnosis.
 - b. No >>> Return the vehicle to the customer.
11. Return the vehicle to the customer.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Amount
05-21-10-9G	Replace Front Brake Pads And Rotors, And Replace Lower Control Arms Both Sides (2-Skilled)	3.1 Hrs.
05-21-11-96	Replace Front Brake Pads And Resurface Front Brake Rotors, And Replace Lower Control Arms Both Sides (2- Skilled)	3.8 Hrs.
05-21-10-9F	Replace Front Brake Pads And Rotors (1-Semi-Skilled)	0.6 Hrs.
05-21-11-95	Replace Front Brake Pads And Resurface Front Brake Rotors (1- Semi-Skilled)	1.3 Hrs.

FAILURE CODE:

ZZ	Service Action
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