



April 26, 2013

Ms. Nancy L. Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
1200 New Jersey Ave. S.W.
Washington, D.C. 20590

Dear Ms. Lewis:

Reference: NHTSA Identification Number 13V-124

Enclosed are representative copies of communications relating to the 2013 model year vehicles involved in the referenced recall. Chrysler expects to notify dealers during the week of April 29, 2013 and to begin owner notification during the week of May 06, 2013. The exact number of manufactured vehicles in the recall is 45.

This completes Chrysler's package of information for this recall as required by the Defects Report Regulation.

Sincerely,

A handwritten signature in black ink, appearing to read "Kristin Kolodge".

Kristin J. Kolodge
Regulatory Affairs – Product Investigations & Campaigns

Enclosure: Dealer and Owner Letter for Recall N21 / 13V-124

cc: F. Borris



CHRYSLER

May 2013

Dealer Service Instructions for:

Safety Recall N21 / NHTSA 13V-124 Rear Brake Calipers

Models

2013 (PF) Dodge Dart

*NOTE: This recall applies only to the above vehicles equipped with 4-wheel anti-lock brakes (sales code **BRD**) built on November 27, 2012 (MDH 112704 through 112719).*

IMPORTANT: Many of the vehicles within the above build period have already been inspected or repaired and, therefore, have been excluded from this recall.

IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery. Dealers should also consider this requirement to apply to used vehicle inventory and should perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

Subject

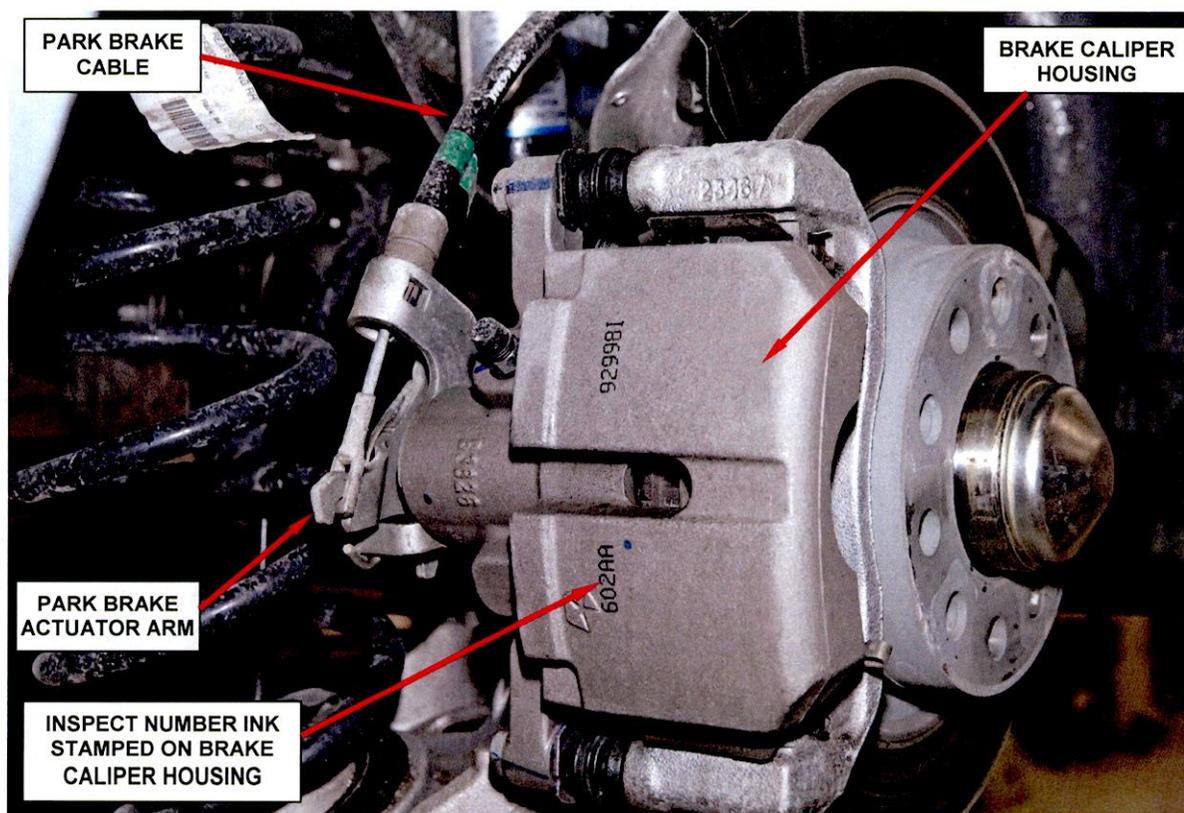
The rear brake calipers on about 45 of the above vehicles may be incorrect. Vehicles with incorrect brake caliper(s) could experience an inoperable park brake system. This condition could allow the vehicle to move inadvertently while the park brake is applied and cause a crash without warning.

Repair

The right and left side rear brake calipers must be inspected and replace if required.

Service Procedure**A. Inspect Rear Brake Calipers**

1. Lift the vehicle on an appropriate hoist.
2. Remove and save both rear wheels.
3. Inspect the rear brake caliper housing part numbers:
 - If the part number ink stamped on the rear brake caliper housing is **602AA** on the right side and **603AA** on the left side, brake caliper replacement is not required (Figure 1). Install the rear wheels onto the vehicle and tighten the lug nuts to 90 ft. lbs. (122 N·m). Then return the vehicle to the customer.
 - If the part number ink stamped on either of the rear brake caliper housing is **100AD** or **101AD**, replace that brake caliper. Continue to **Section B: Inspect Park Brake Cable, Wheel, and Tire**.
 - If the part number ink stamped on either of the rear brake caliper housings is missing or not readable, replace that brake caliper. Continue to **Section B: Inspect Park Brake Cable, Wheel, and Tire**.



**Figure 1 – Inspect Part Number on Brake Caliper Housing
(right side shown)**

Service Procedure (Continued)

B: Inspect Park Brake Cable, Wheel, and Tire

1. Inspect both park brake cables for indications that they were rubbing against the wheel and/or tire:
 - If there are no rub marks (Figure 2) on the park brake cables, continue to **Section E. Replace Brake Caliper(s)**.
 - If there are rub marks on the park brake cable(s), continue with Step 2 of this inspection.

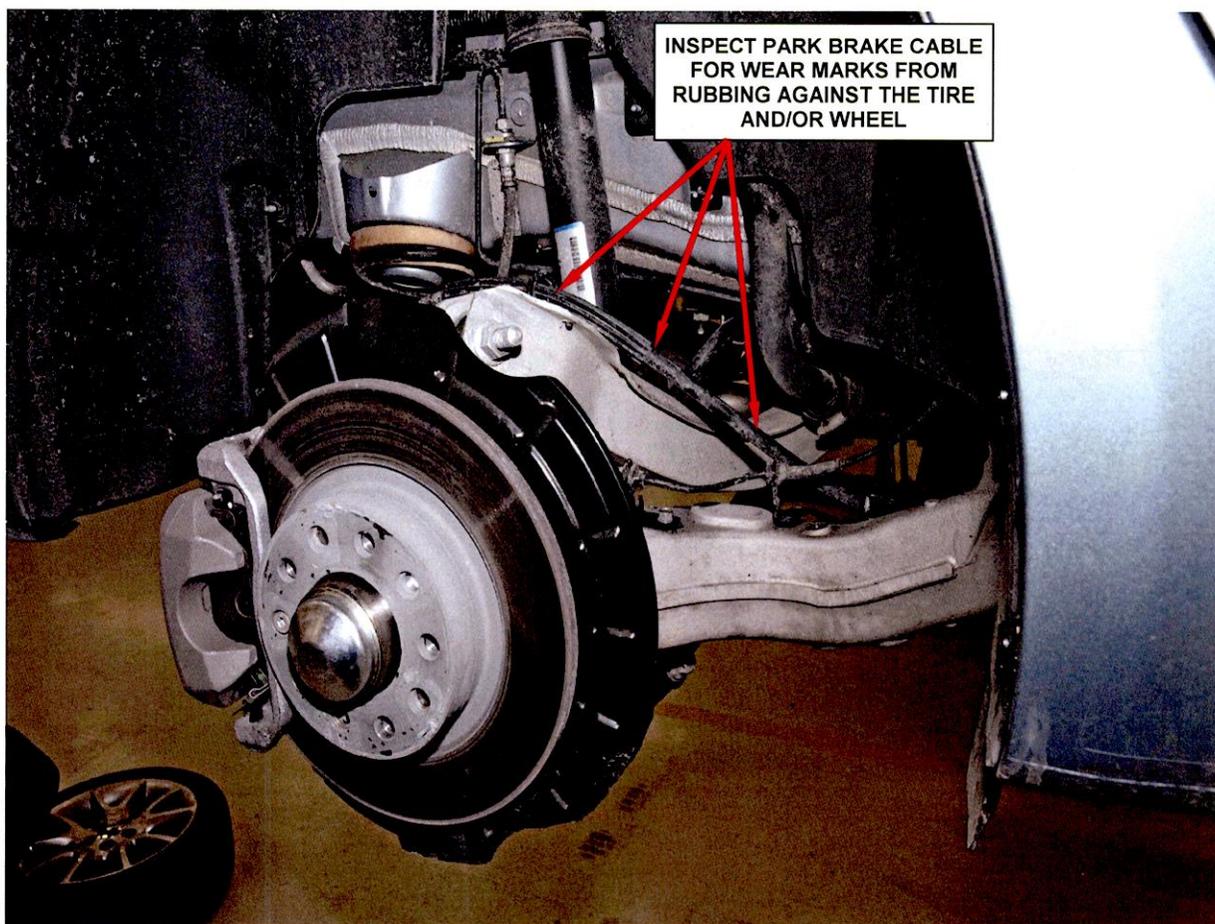


Figure 2 – Inspect the Park Brake Cable for Signs of Rubbing Against the Wheel and/or Tire Sidewall (right side shown)

Service Procedure (Continued)

2. Inspect the inner sidewall of the tire and wheel for damage from rubbing against the park brake cable (Figure 3):
 - If there is no damage to the tire sidewall and/or wheel, continue with **Section D. Replace the Park Brake Cable(s)**.
 - If there is damage to the tire sidewall and/or wheel, continue with **Section C. Replace Tire(s) and/or Wheel(s)**.

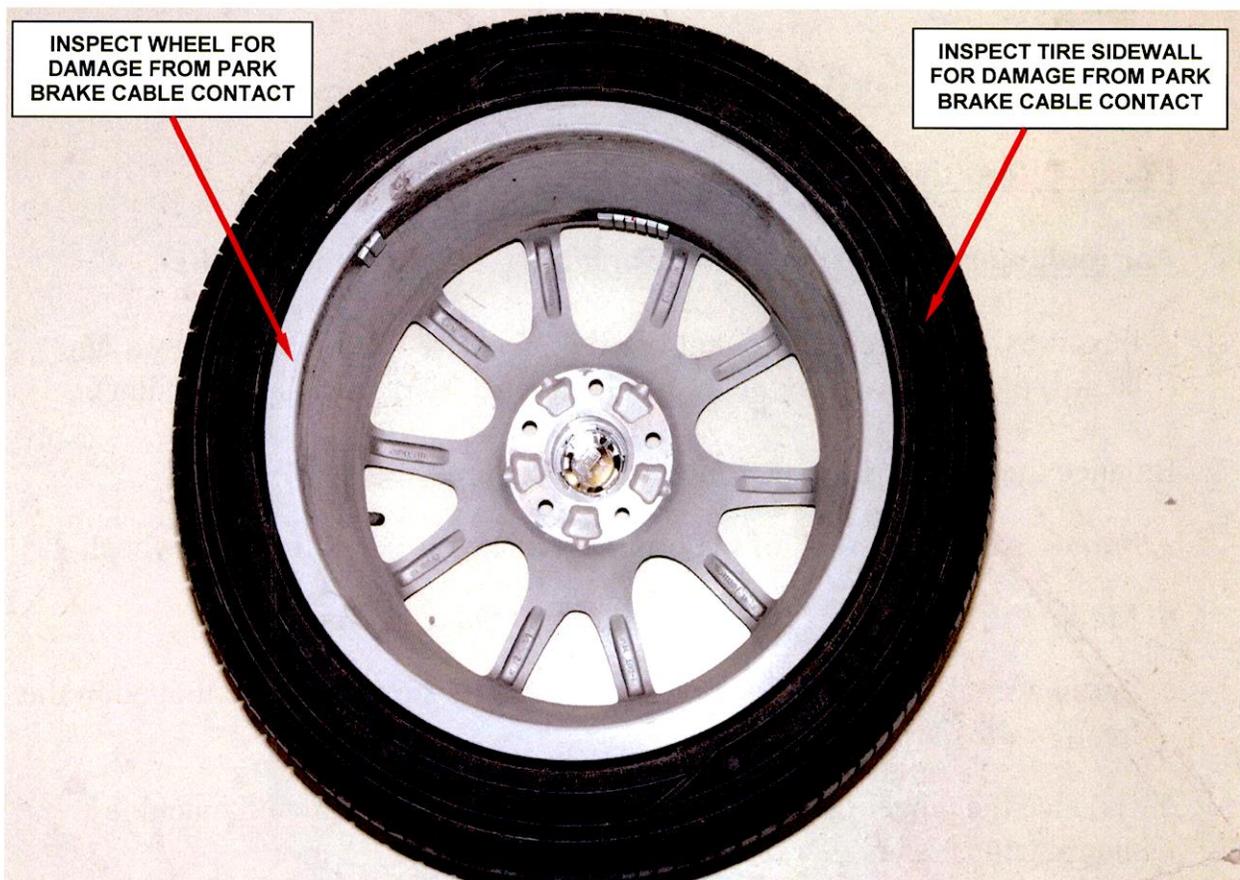


Figure 3 – Inspect the Wheel and Tire Sidewall for Damage

Service Procedure (Continued)**C. Replace Tire(s) and/or Wheel(s)**

1. Deflate the tire(s).
2. Using a tire machine, unseat the bead of the tire from the wheel, following tire changer manufacturer's instructions, while paying special attention to avoid damaging the pressure sensor
3. Dismount the tire(s) from the wheel(s).
4. **For damaged wheel(s)**, remove and discard the original wheel from the tire machine.
5. **For damaged wheel(s)**, place the new wheel onto the tire machine.
6. **For damaged tire(s)**, mount the new tire(s) onto the wheel(s).
7. **For undamaged tire(s)**, mount the original tire(s) onto the wheel(s).
8. Adjust the tire air pressure to that listed on the Tire Inflation Pressure Label (Placard) provided with vehicle (usually applied to driver's side B-pillar).
9. Balance the tire(s) using the following procedure:
 - a. Remove and discard all of the original balance weights from the wheel.
 - b. Mount the wheel/tire assembly to the tire balancing machine.
 - c. Using a small screwdriver or pick, remove any stones that are lodged in the tread of the tire.
 - d. Balance the wheel/tire assembly following the tire balancing machine manufacturer's instructions.
 - e. Remove the wheel/tire assembly from the balancing machine.
 - f. Repeat Steps 8a through 8e if a second tire requires balancing.
10. Continue with **Section D. Replace the Park Brake Cable(s)**.

Service Procedure (Continued)

D. Replace the Park Brake Cable(s)

NOTE: The following procedure is required if the rear brake caliper(s) require replacement. *Very few vehicles are expected to require park brake cable replacement.*

1. Disconnect the negative battery cable from the battery.
2. Remove the center console using the following procedure:
 - a. Unsnap, but do not remove, the gear shift lever bezel (Figure 4).



Figure 4 – Gear Shift Lever Bezel

- b. Fully apply the park brake.
- c. Remove and save the park brake handle side cover.
- d. Position both front seats fully forward.
- e. Remove and save the center console right and left rear mounting bolt plastic covers.

- f. Remove and save the center console right and left rear mounting bolts.
- g. Move both front seats to the full rearward position.



Figure 5 – Instrument Panel Switch Pod

- h. Remove and save the instrument panel switch pod (Figure 5).

Service Procedure (Continued)

i. Remove and save the right and left gap hider panels on the side of the upper console assembly (Figure 6).

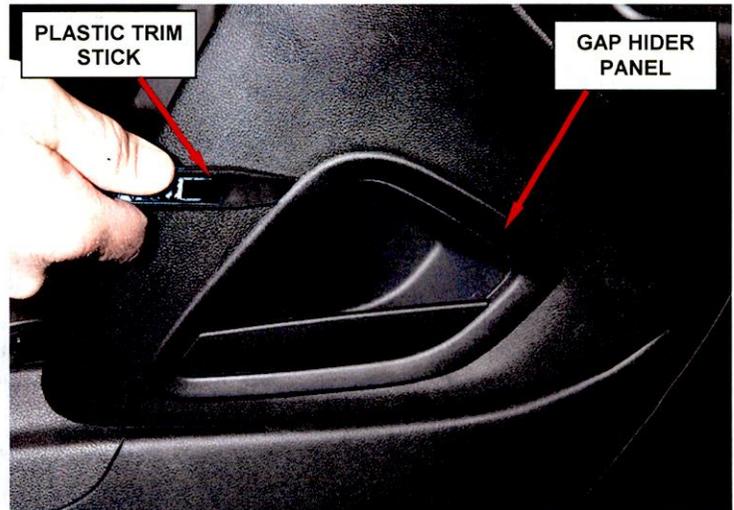


Figure 6 – Gap Hider Panels on Side of Center Console (right side shown)

j. Remove and save the left side instrument panel end cap.

k. Remove and save the left side knee bolster.

l. Remove and save the one upper console assembly retaining screw (Figure 7).

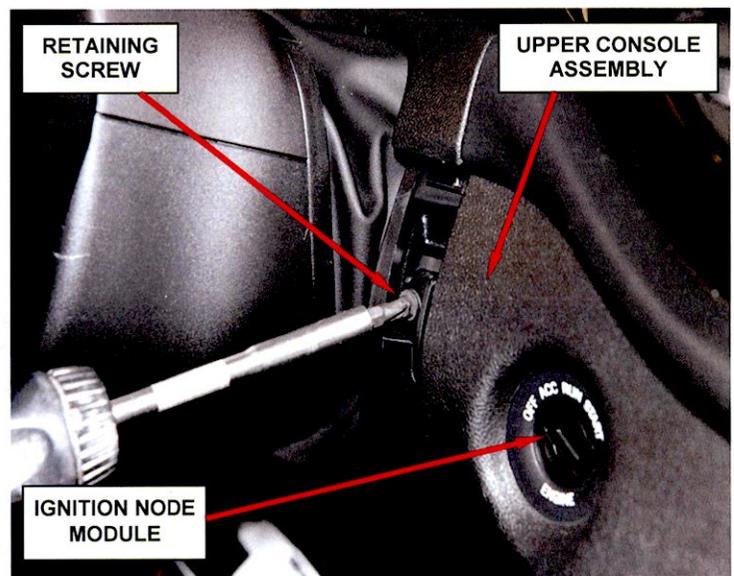


Figure 7 – Upper Console Assembly Retaining Screw

Service Procedure (Continued)

- m. Remove and save the upper console assembly (Figure 8).
- n. Remove and save the center console bin.
- o. Remove and save the two center console front fasteners.
- p. Remove and save the right and left center console side panels (Figure 9).
- q. Disconnect the center console wire connectors (Figure 9).
- r. Remove and save the center console assembly from the vehicle.
- s. Release the park brake.



Figure 8 – Upper Console Assembly

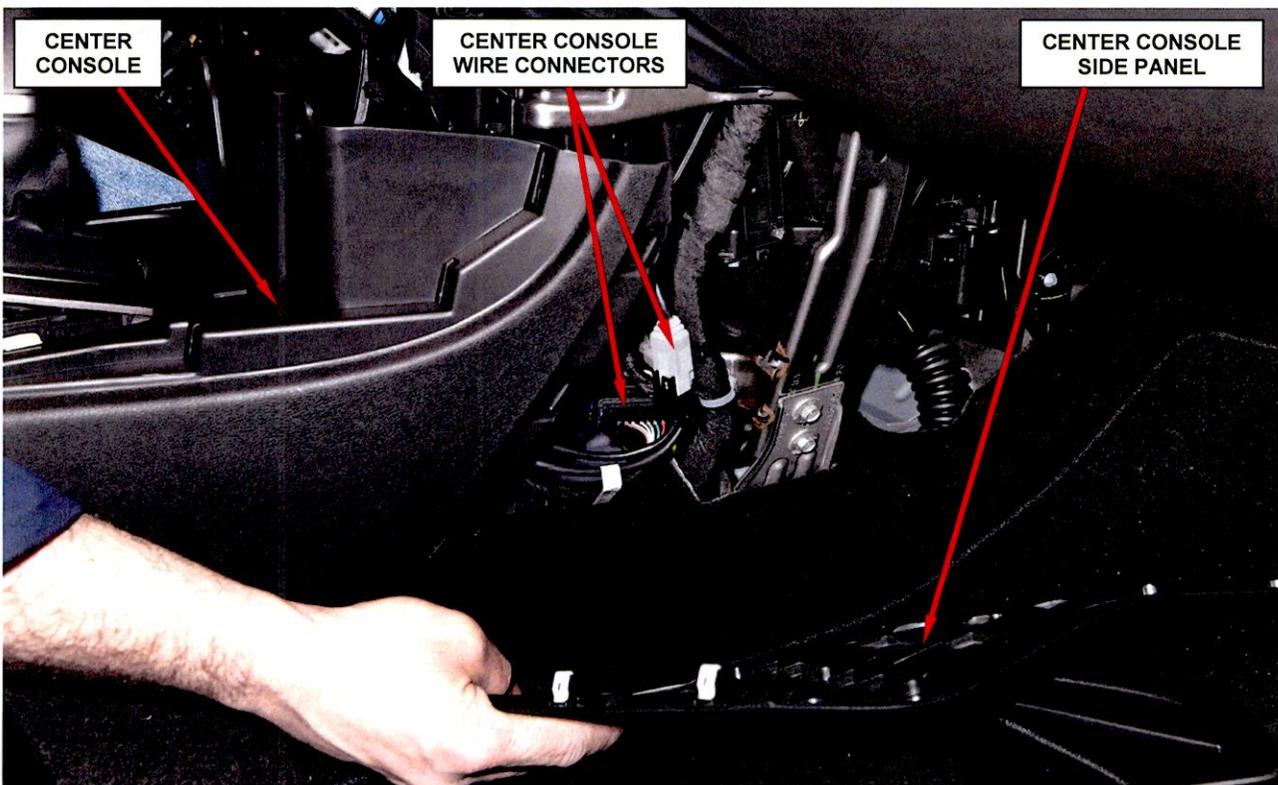


Figure 9 – Center Console Side Panels (right side shown)

Service Procedure (Continued)

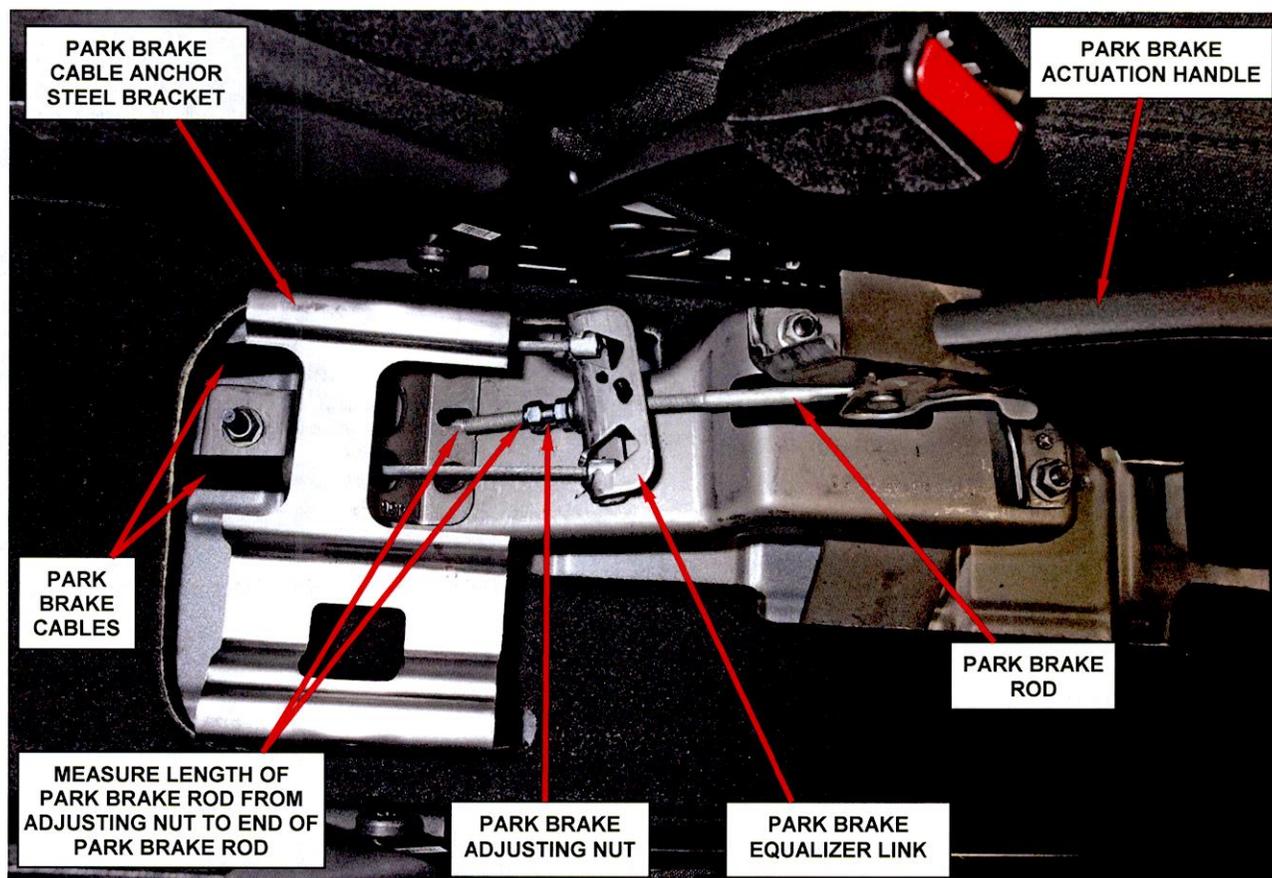


Figure 10 – Park Brake Components

3. Measure and record the distance the park brake rod sticks out past the park brake adjusting nut (Figure 10).

WARNING: The park brake cable anchor steel bracket may have extremely sharp edges. Wear hand protection while working around the bracket.

4. Loosen the park brake adjusting nut and disengage the park brake cable(s) from the park brake equalizer link (Figure 10).

Service Procedure (Continued)

5. Remove and save the right and left side rear seat cushion retaining bolt covers (Figure 11).
6. Remove and save the rear seat cushion retaining bolt bolts (Figure 11).
7. Remove and save the rear seat cushion from the vehicle.
8. Remove and save the right and left rear door opening sill plates.

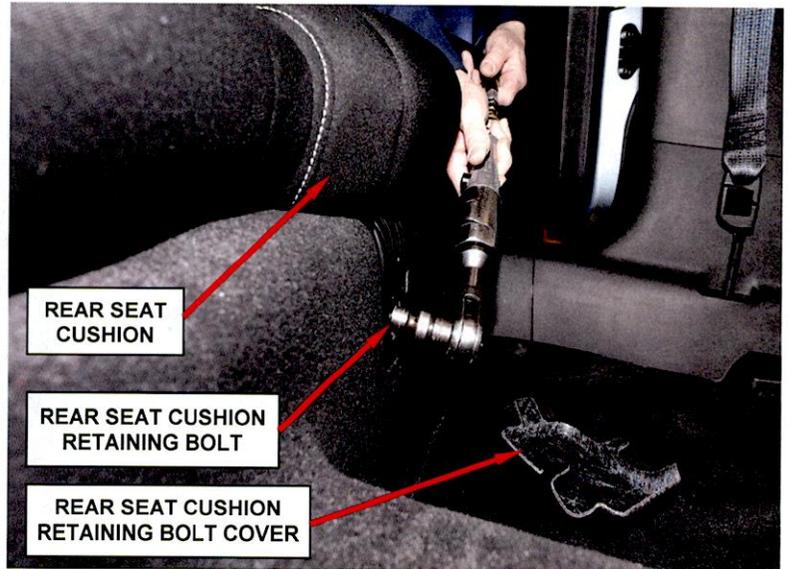


Figure 11 – Rear Seat Cushion Cover and Fasteners

9. Pull the carpet back to gain access to the park brake cables (Figure 12).
10. Remove and save the park brake cable routing fasteners (Figure 12).

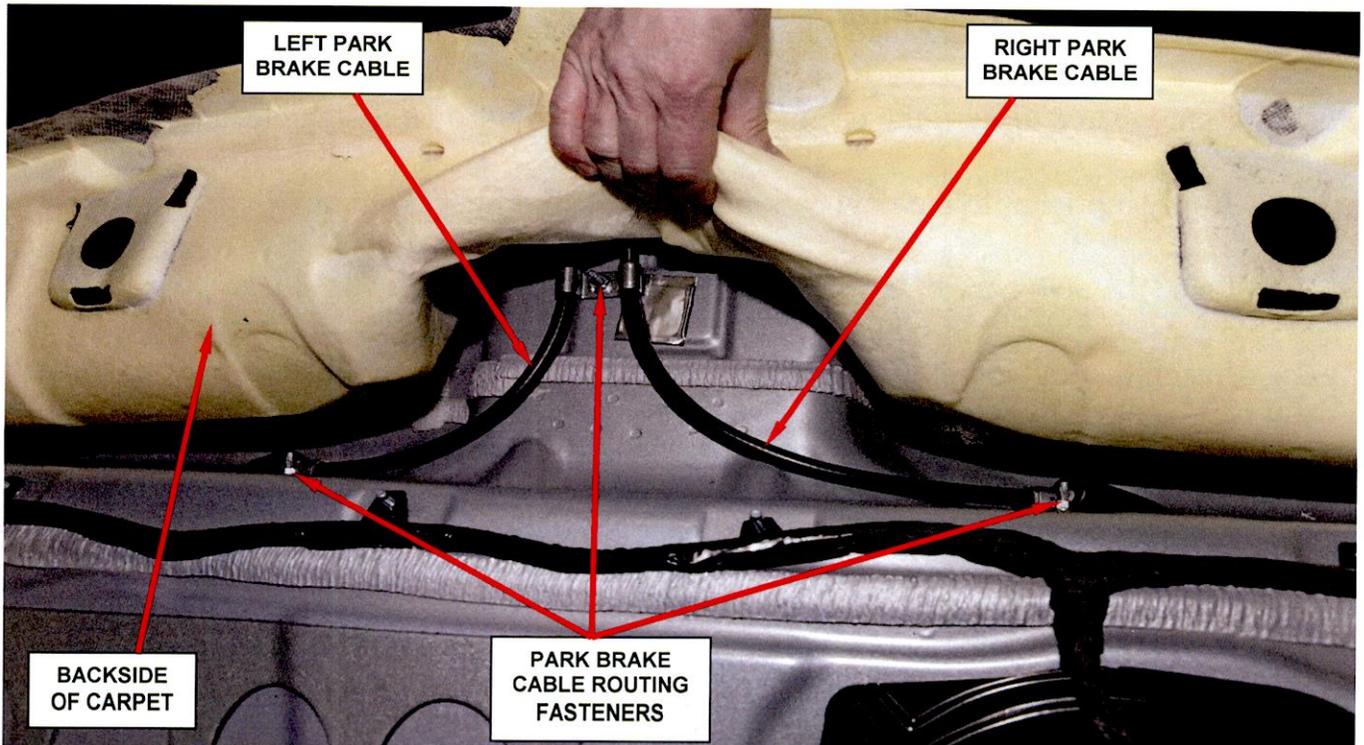


Figure 12 – Park Brake Cable Routing Fasteners

Service Procedure (Continued)

11. Disengage the park brake cable(s) from the park brake cable anchor bracket (Figure 13).

WARNING: The park brake cable anchor steel bracket may have extremely sharp edges. Wear hand protection while working around the bracket.

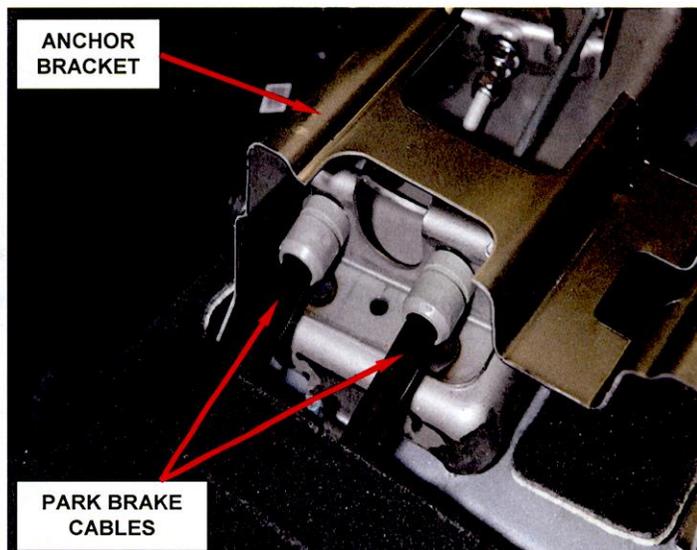


Figure 13 – Park Brake Cable Anchor Bracket

12. Lift the vehicle on the hoist.
13. Remove and save the underbody plastic splash shield.
14. Remove and save the underbody park brake cable routing brackets fasteners.
15. Separate the wheel speed sensor wire and grommet from the park brake cable bracket.
16. Disconnect the park brake cable from the brake caliper.
17. Remove and discard the original park brake cable from the vehicle.
18. Apply lubricant to the new park brake cable(s) rubber grommet.
19. Place the new park brake cable(s) into position.
20. Install the underbody park brake cable routing brackets and fasteners.
21. Install the underbody plastic splash shields.
22. Install the wheels speed sensor wire and grommet onto the park brake cable bracket.
23. Lower the vehicle from the hoist.
24. Route the park brake cable(s) under the carpet to the equalizer link and snap the cable end into the cable anchor bracket.
25. Connect the park brake cable end(s) to the equalizer link.

Service Procedure (Continued)

26. Tighten the adjuster nut until the same amount of park brake rod sticks out past the adjuster nut as was measured in Step 20.
27. Place the carpet back into position.
28. Install the right and left rear door opening sill plates.
29. Install the rear seat cushion into position.
30. Install the rear seat cushion retaining bolts and covers.
31. Use the following procedure to install the center console:
 - a. Install the center console assembly into the vehicle.
 - b. Connect the center console wire connectors.
 - c. Install the two front console fasteners. Tighten the fasteners securely.
 - d. Move both front seats to the full forward position.
 - e. Install the two rear console mounting bolts and plastic covers.
 - f. Move both front seats to the full rearward position.
 - g. Install the right and left center console side panels (Figure 9).
 - h. Install the center console bin.
 - i. Snap the upper console assembly into place and install the retaining screw (Figure 7 and 8).
 - j. Install the left side knee bolster.
 - k. Install the instrument panel left side end cap.
 - l. Install the right and left gap hider panels (Figure 6).
 - m. Install the instrument panel switch pod (Figure 5).
 - n. Install the park brake handle side cover.
 - o. Install the gear shift bezel (Figure 4).
32. Continue with **Section E. Replace Rear Brake Caliper(s)**.

Service Procedure (Continued)

E. Replace Rear Brake Caliper(s)

NOTE: The following procedure is required if the rear brake caliper(s) require replacement per the inspection in Section “A.” *Very few vehicles are expected to require this repair.*

1. Raise the vehicle on an appropriate hoist.
2. Disconnect the steel brake tube from the rubber flex hose at the frame rail (Figure 14).
3. Remove and save the rubber flex hose retaining clip at the frame rail bracket (Figure 14).
4. Disconnect the rubber flex hose bushing from the hose guide bracket (Figure 15).
5. Remove and discard the brake caliper pin retaining bolts.
6. Carefully remove the brake caliper from the brake caliper adapter bracket.

CAUTION: The brake pads are spring loaded.

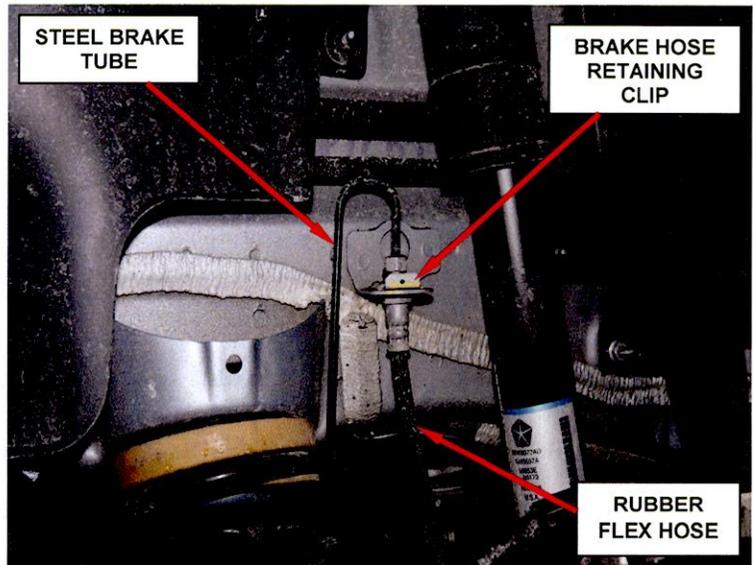


Figure 14 – Rubber Flex Hose Connection

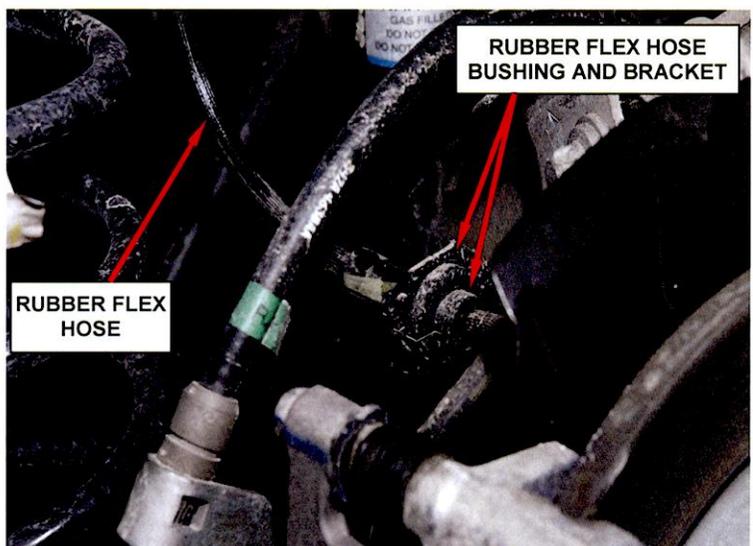


Figure 15 – Hose Guide and Bracket

Service Procedure (Continued)

7. Disconnect the park brake cable from the brake caliper (Figure 16).

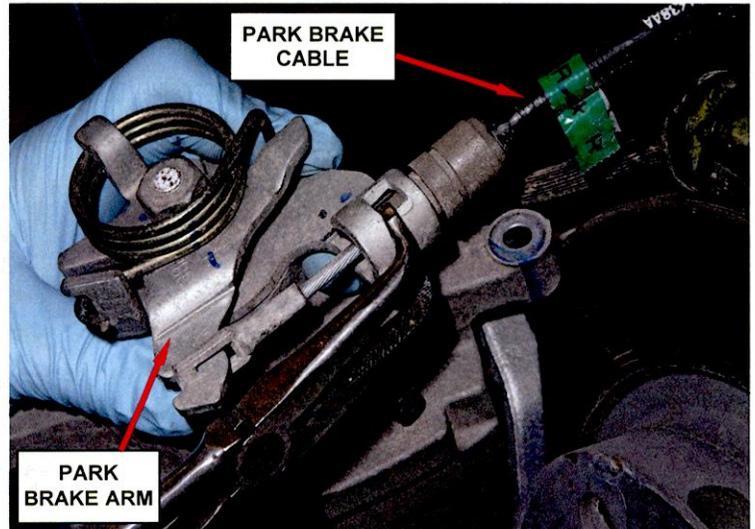


Figure 16 – Park Brake Cable at Brake Caliper

8. Transfer the rubber flex hose from the old brake caliper to the new brake caliper (Figure 17).

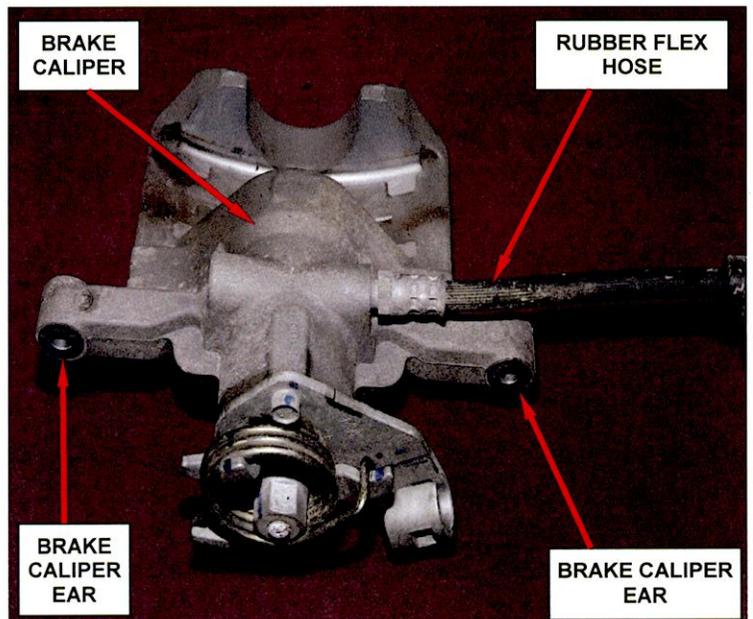


Figure 17 – Rubber Flex Hose at Brake Caliper

Service Procedure (Continued)

9. Connect the park brake cable to the brake caliper.
10. Install the brake pads, brake pad springs, and new brake caliper.
11. Install the new brake caliper pin retaining bolts (Figure 18). Tighten the bolts to 26 ft. lbs. (34 N·m).

NOTE: The brake pin guide must be indexed as shown in Figure 18.

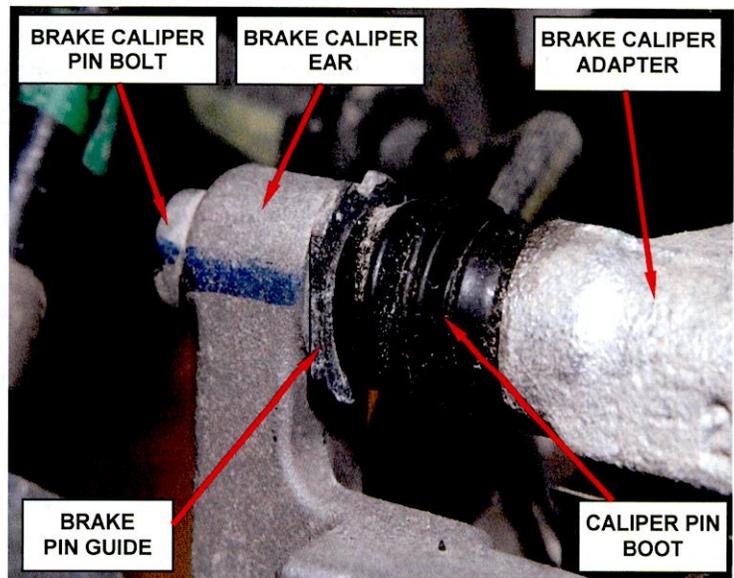


Figure 18 – Brake Pin Guide

12. Install the rubber flex hose into the frame rail bracket and secure with the retaining clip.
13. Install the rubber flex hose bushing into the hose guide bracket.
14. Connect the steel brake tube to the rubber flex hose. Tighten the brake tube flare nut to 160 in. lbs. (18 N·m).
15. Install the wheel and tire assembly. Tighten the lug nuts to 90 ft. lbs. (122 N·m).
16. Lower the vehicle from the hoist.
17. Connect the negative battery cable.
18. Continue with **Section F. Bleeding the Rear Brakes.**

Service Procedure (Continued)

F. Bleeding the Rear Brakes

1. Fill the brake reservoir with Mopar DOT 3 brake fluid.
2. Raise the vehicle on the hoist.
3. Attach a hose and catch bottle to the bleeder screw (Figure 19).
4. Open the bleeder screw.
5. Pump the brake pedal several times or until no more air is in the catch bottle hose.
6. Close the bleeder screw.
7. Repeat Steps 1 through 6 if a second brake caliper requires bleeding.
8. Lower the vehicle from the hoist.
9. Continue with **Section G. Erase Diagnostic Trouble Codes.**

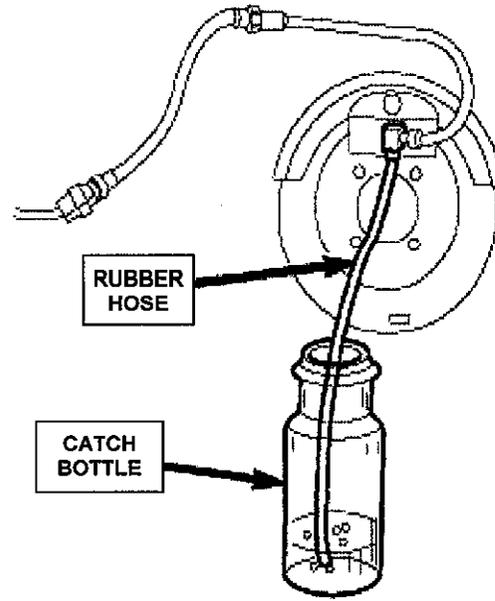


Figure 19 – Bleed Bottle and Hose (typical)

Service Procedure (Continued)

G. Erase Diagnostic Trouble Codes

1. Connect the wiTECH pod to the vehicle.
2. Start a wiTECH session.
3. Using wiTECH, erase all Diagnostic Trouble Codes (DTC's).
4. Remove the wiTECH pod from the vehicle.

Completion Reporting and Reimbursement

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims submitted will be used by Chrysler to record recall service completions and provide dealer payments.

Use one of the following labor operation numbers and time allowances:

	Labor Operation Number	Time Allowance
Inspect both rear brake calipers	05-N2-11-81	0.3 hours
Inspect both rear brake calipers and replace <u>one</u> brake caliper	05-N2-11-82	0.7 hours
Inspect both rear brake calipers and replace <u>two</u> brake calipers	05-N2-11-83	1.1 hours

Related Operation

Replace <u>one</u> park brake cable	05-N2-11-50	1.4 hours
Replace <u>two</u> park brake cables	05-N2-11-51	1.8 hours
Replace <u>one</u> tire only	05-N2-11-52	0.2 hours
Replace <u>two</u> tires	05-N2-11-53	0.4 hours
Replace <u>one</u> wheel only	05-N2-11-54	0.2 hours
Replace <u>two</u> wheels	05-N2-11-55	0.4 hours

Add the cost of the recall parts package plus applicable dealer allowance to your claim.

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

Dealer Notification

To view this notification on DealerCONNECT, select “Global Recall System” on the Service tab, then click on the description of this notification.

Owner Notification and Service Scheduling

All involved vehicle owners known to Chrysler are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A generic copy of the owner letter is attached.

Enclosed with each owner letter is an Owner Notification postcard to allow owners to update our records if applicable.

Vehicle Lists, Global Recall System, VIP and Dealer Follow Up

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner's name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “**Service**” tab and then click on “**Global Recall System.**” Your dealer's VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

Dealers must perform this repair on all unsold vehicles before retail delivery. Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.

Additional Information

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services / Field Operations
Chrysler Group LLC



CHRYSLER

**SAFETY RECALL N21 / NHTSA 13V-124
REAR BRAKE CALIPERS**

Dear: (Name)

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

Chrysler has decided that a defect, which relates to motor vehicle safety, exists in some **2013 model year Dodge Dart vehicles.**

The problem is... The rear brake calipers on your vehicle (VIN: xxxxxxxxxxxxxxxxxxxx) may be incorrect. Vehicles with incorrect brake caliper(s) could experience an inoperable park brake system. This condition could allow the vehicle to move inadvertently while the park brake is applied and cause a crash without warning.

What your dealer will do... Chrysler will repair your vehicle free of charge (parts and labor). To do this, your dealer will inspect, and replace as required, the rear brake caliper(s) and park brake cable(s). The work will take up to three hours to complete. However, additional time may be necessary depending on service schedules.

What you must do to ensure your safety... Simply contact your Chrysler, Jeep, or Dodge dealer right away to schedule a service appointment. Ask the dealer to hold the parts for your vehicle or to order them before your appointment. **Please bring this letter with you to your dealer.**

If you need help... If you have questions or concerns which your dealer is unable to resolve, please contact the Chrysler Group Recall Assistance Center at 1-800-853-1403.

Please help us update our records by filling out the attached prepaid postcard if any of the conditions listed on the card apply to you or your vehicle. You may also update this information on the web at www.dodge.com/ownersreg

If you have already experienced this condition and have paid to have it repaired, please send your original receipts and/or other adequate proof of payment to the following address for reimbursement: Chrysler Customer Assistance, P.O. Box 21-8007, Auburn Hills, MI 48321-8007, Attention: Reimbursement. Once we receive and verify the required documents, reimbursement will be sent to you within 60 days.

If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590, or call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to <http://www.safercar.gov>.

We're sorry for any inconvenience, but we are sincerely concerned about your safety. Thank you for your attention to this important matter.

Customer Services / Field Operations
Chrysler Group LLC
Notification Code N21

Note to lessors receiving this recall: Federal regulation requires that you forward this recall notice to the lessee within 10 days.