



August 06, 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-120

Enclosed are representative copies of communications relating to the 2012 model year vehicles involved in the referenced recall. Chrysler notified dealers on July 11, 2013 and completed the owner notification mailing on July 19, 2013. The exact number of vehicles involved in the recall is 20,799 in the United States and 15 in the United States Territories.

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

Sincerely,

A handwritten signature in black ink that reads "Kristin Kolodge".

Kristin J. Kolodge
Regulatory Affairs – Product Investigations & Campaigns

Enclosure: Dealer and Owner Letter for Recall N17

cc: F. Borris



CHRYSLER

July 2013

Dealer Service Instructions for:

Safety Recall N17 / NHTSA 13V-120 Fuel Tank Transfer Tube

Models

2012 (MK) Jeep® Compass and Patriot

NOTE: This recall applies only to the above vehicles equipped with a 2.4L engine (sales code ED3) and 4x4 (sales code 5I4) built from October 18, 2011 through May 07, 2012 (MDH 101821 through 050700).

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 fuel tank transfer tube on about 20,000 of the above vehicles may have been incorrectly manufactured. When the fuel transfer process becomes interrupted the vehicle is only operating on fuel from the primary side of the fuel tank. Sustained driving during this condition will deplete the fuel in the primary side of the fuel tank while fuel remains in the secondary side of the fuel tank. This could cause the engine to stall without warning under certain driving conditions and cause a crash without warning.

Repair

The fuel tank transfer tube located inside the fuel tank must be replaced.

Service Procedure

WARNING: GASOLINE AND GASOLINE VAPORS ARE EXTREMELY FLAMMABLE. BEFORE PERFORMING THIS INSPECTION AND/OR REPAIR PROCEDURE ENSURE THERE ARE NO OPEN FLAMES OR IGNITION SOURCES IN THE WORK AREA. ALSO, MAKE SURE THE WORK AREA IS WELL VENTILATED.

A. Replace Fuel Tank Transfer Tube

1. Release fuel system pressure using the following procedure:
 - a. Remove and save the rear seat cushion.
 - b. Remove and save the rear seat cushion silencer pad.
 - c. Remove and save the main and auxiliary plastic fuel pump module access covers (Figure 1).



Figure 1 – Fuel Pump Module Access Covers

- d. Disconnect the electrical connectors at the main and auxiliary fuel pump modules.
 - e. Start and run the engine until it stalls.
 - f. Attempt restarting the engine until it will no longer run.
 - g. Turn the ignition key to the “OFF” position.
2. Using a shop vacuum, clean the top of main and auxiliary fuel pump modules and fuel tank to remove loose dirt and debris.

CAUTION: Make sure there are no fuel leaks before using a shop vacuum to clean the top of the fuel pump modules. Severe shop vacuum and/or personal injury could result.

3. Drain all of the fuel from the fuel tank.
4. Disconnect and isolate the negative battery cable.

Service Procedure (Continued)

5. Disconnect the fuel supply hose at the main fuel pump module (Figure 2).

CAUTION: Wrap a shop towel around the fuel supply hose to prevent gasoline spillage.

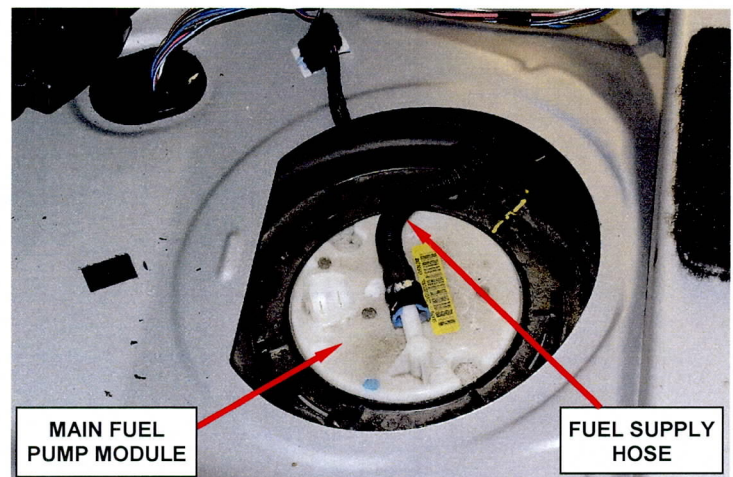


Figure 2 – Main Fuel Pump Module Fuel Supply Hose

6. Using the fuel pump module Lock Ring Wrench 9340 or equivalent, remove and save the main fuel pump module lock ring (Figure 3).

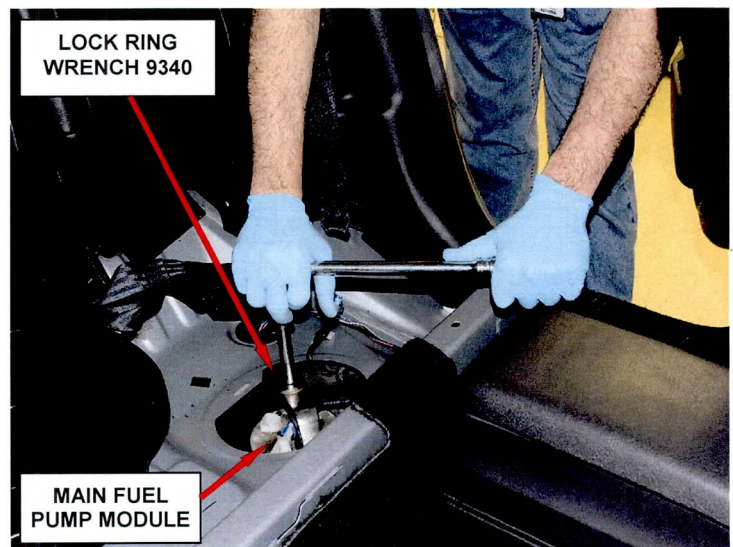


Figure 3 – Lock Ring Wrench 9340

Service Procedure (Continued)

- Carefully lift the pump out of the fuel tank and disconnect the fuel tank transfer tube. Then remove and save the main fuel pump module from the fuel tank (Figure 4).

CAUTION: Immediately place the main fuel pump module into a clean drain pan to prevent spilling any fuel onto the vehicle's interior.

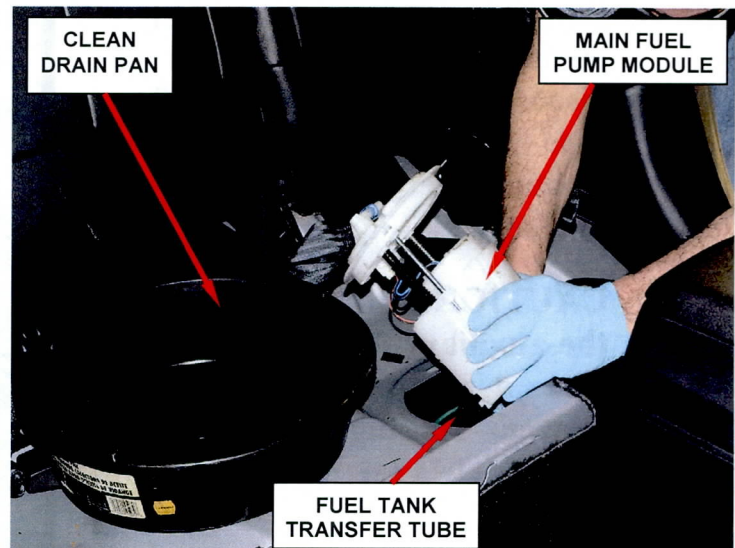


Figure 4 – Main Fuel Pump Module

- Using the fuel pump module Lock Ring Wrench 10189 or equivalent, remove and save the auxiliary fuel pump module lock ring (Figure 5).

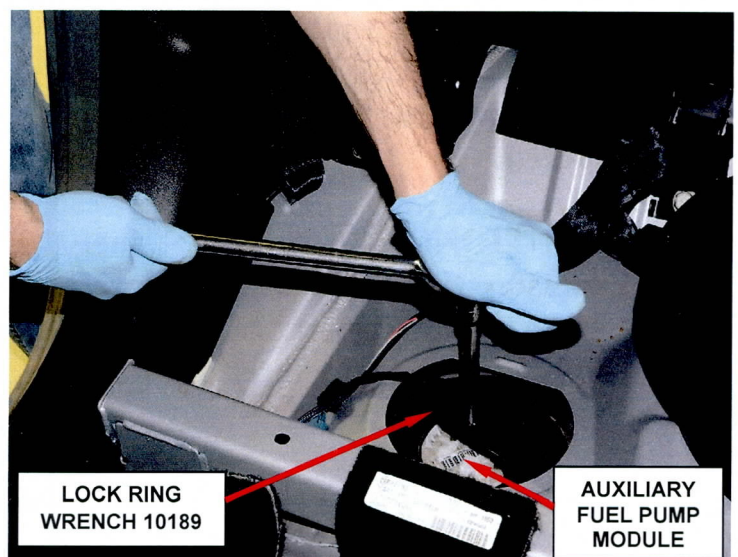


Figure 5 – Lock Ring Wrench 10189

Service Procedure (Continued)

- Carefully lift the auxiliary fuel pump out of the fuel tank and disconnect the fuel tank transfer tube. Then remove and save the auxiliary fuel pump module from the fuel tank (Figure 6).

CAUTION: Immediately place the auxiliary fuel pump module into a clean drain pan to prevent spilling any fuel onto the vehicle's interior.

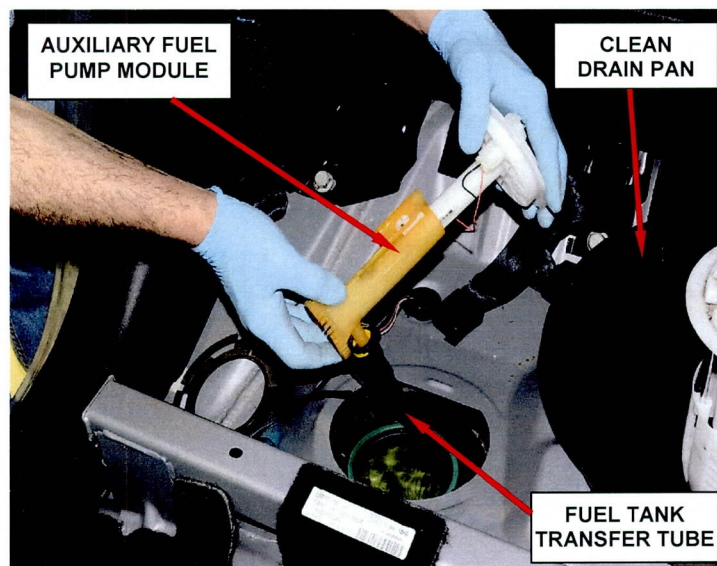


Figure 6 – Auxiliary Fuel Pump Module

- Remove and discard the original fuel tank transfer tube located inside the fuel tank.

CAUTION: Note the fuel transfer tube routing inside the fuel tank to ensure that the new fuel transfer tube is correctly routed.

CAUTION: Wipe the fuel transfer tube with a shop towel while removing it to prevent spilling fuel on the interior of the vehicle.

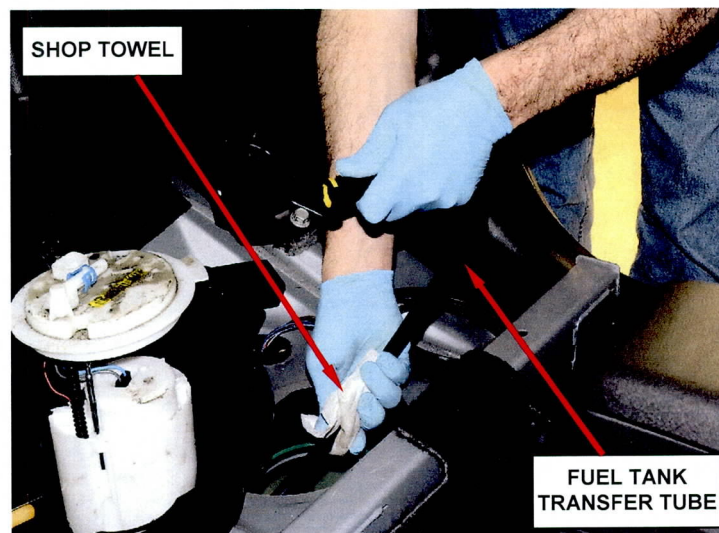


Figure 7 – Fuel Tank Transfer Tube

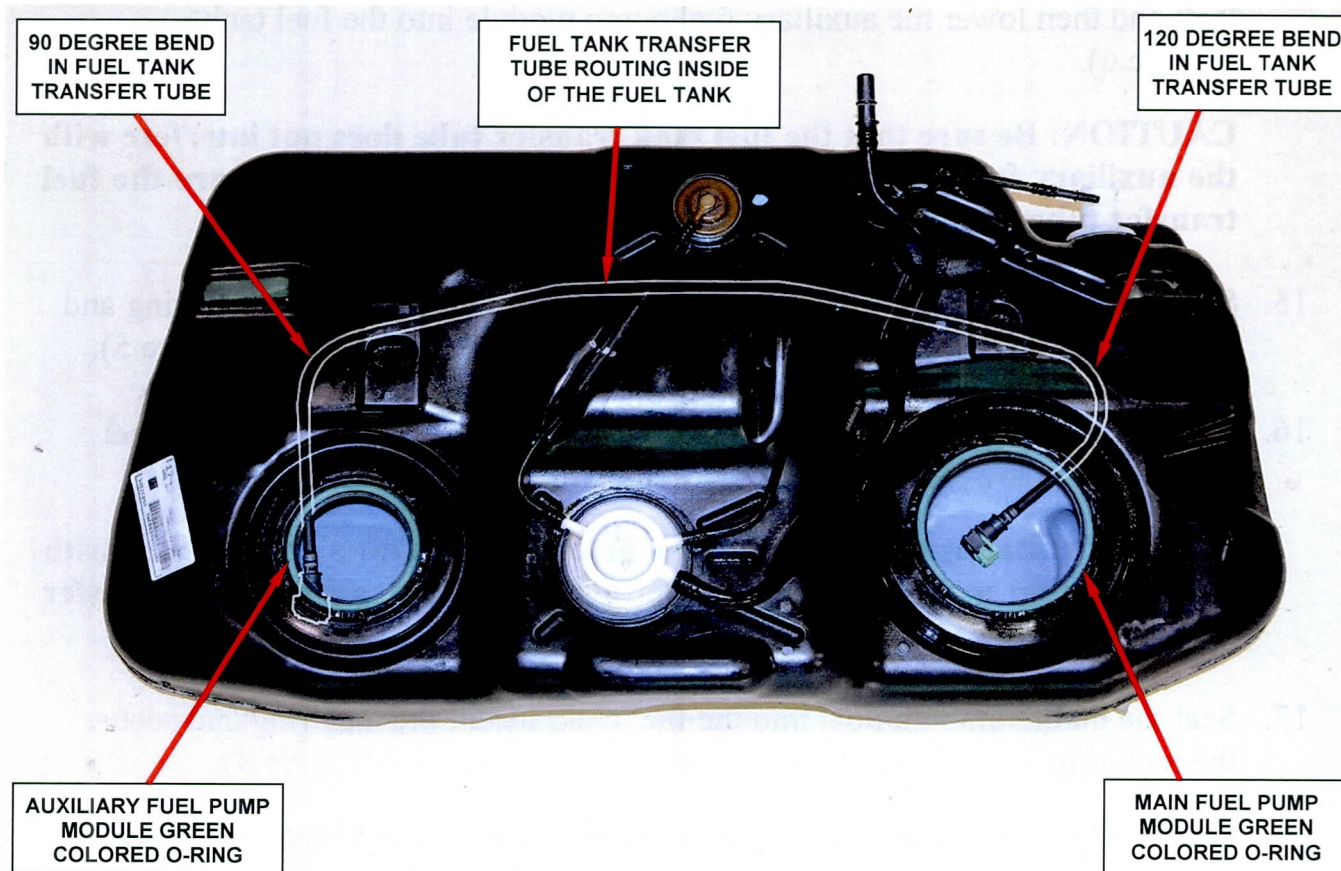
Service Procedure (Continued)

Figure 8 – Fuel Tank Transfer Tube Internal Tank Routing and Orientation
(fuel tank removed for photographic purposes only)

11. Install the new fuel tank transfer tube into the fuel tank (Figure 8).

CAUTION: The fuel tank transfer tube can be installed backwards. Refer to Figure 8 for correct fuel transfer tube orientation.

12. Remove and discard the original green colored O-rings from both fuel pump module openings on the fuel tank (Figure 8).
13. Wipe the fuel pump module openings on the fuel tank. Clean and install new green colored O-rings at the fuel pump module openings (Figure 8).

NOTE: The green colored O-rings are different diameters. Be sure the correct green colored O-ring is installed at the correct fuel pump module opening on the fuel tank.

Service Procedure (Continued)

14. Connect the auxiliary fuel pump module to the fuel tank transfer tube in the fuel tank and then lower the auxiliary fuel pump module into the fuel tank (Figure 6).

CAUTION: Be sure that the fuel tank transfer tube does not interfere with the auxiliary fuel pump module float and float arm. Also be sure the fuel transfer tube fitting locks are fully engaged.

15. Seat the auxiliary fuel pump module into the fuel tank, install the lock ring and secure the lock ring using Special Tool 10189 Lock Ring Wrench (Figure 5).
16. Connect the main fuel pump module to the fuel tank transfer tube in the fuel tank and then lower the main pump module into the fuel tank (Figure 4).

CAUTION: Be sure that the main fuel transfer tube does not interfere with the fuel pump module float and float arm. Also be sure the fuel transfer tube fitting locks are fully engaged.

17. Seat the main pump module into the fuel tank, install the lock ring and secure the lock ring using Special Tool 9340 Lock Ring Wrench (Figure 3).

CAUTION: Extreme patience and perseverance is required to install the main fuel pump module into the fuel tank. The fuel pump module can be very challenging to install into the fuel tank opening.

18. Connect the fuel supply hose to the main fuel pump module (Figure 2).
19. Connect the electrical connector at the main and auxiliary fuel pump modules.
20. Install the main and auxiliary fuel pump module plastic access covers (Figure 1).
21. Install the rear seat cushion silencer pad.
22. Install the rear seat cushion.
23. Fill the fuel tank with the same amount of fuel that was removed.
24. Connect the negative battery cable.
25. Continue with **Section B. Check for Fuel Leaks and Clear Diagnostic Trouble Codes (DTC's)**.

Service Procedure (Continued)

B. Check for Fuel Leaks and Clear Diagnostic Trouble Codes (DTC's)

1. Connect the wiTECH VCI pod to the vehicle data link connector located to the right of the park brake pedal.
2. Place the ignition in the “**RUN**” position.
3. Open the wiTECH Diagnostic application.
4. Starting at the “**Select Tool**” screen, highlight the row/tool for the wiPOD device you are using. Then select “**Next**” at bottom right side of the screen.
5. Enter your “**User id**” and “**Password**”, then select “**Finish**” at the bottom of the screen.
6. From the “**Vehicle View**” screen, select the “**PCM**” icon.
7. Select the “**Actuator**” tab.
8. Highlight “**Fuel Pump Relay Control State**” and select the green arrow.
9. Check the fuel system for leaks.
10. Select “**Stop All Actuators**”.
11. Return to the “**Vehicle View**” screen.
12. From the “**Vehicle View**” screen, click on “**All DTC's**” tab.
13. Select “**Clear Stored DTC's**” tab located on the right side of the screen.
14. Click “**OK**” on the Pop-Up screen.
15. Remove the wiTECH equipment 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 following labor operation number and time allowance:

	Labor Operation Number	Time Allowance
Replace the fuel transfer tube	14-N1-71-82	1.1 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



**SAFETY RECALL N17 / NHTSA 13V-120
FUEL TANK TRANSFER TUBE**

Dear: (Name)

This follow up notification letter 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 **2012 model year Jeep® Compass and Patriot vehicles equipped with a 2.4L engine and 4x4.**

The problem is... **The fuel tank transfer tube on your vehicle (VIN: xxxxxxxxxxxxxxxxxxxx) may have been incorrectly manufactured. When the fuel transfer process becomes interrupted the vehicle is only operating on fuel from the primary side of the fuel tank. Sustained driving during this condition will deplete the fuel in the primary side of the fuel tank while fuel remains in the secondary side of the fuel tank. This could cause the engine to stall without warning under certain driving conditions 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 replace the fuel tank transfer tube. The work will take about 1.5 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.

California residents... The State of California requires the completion of emission recall repairs prior to vehicle registration renewal. Your dealer will provide you with a Vehicle Emission Recall Proof of Correction Form after the recall service is performed. Be sure to save this form since the California Department of Motor Vehicles may require that you supply it as proof that the recall has been performed.

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.jeep.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 N17

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