



CHRYSLER

October 2010

Dealer Service Instructions for:

Safety Recall K14

Power Sliding Door Wiring

Models

2008-2009 (RT) Dodge Grand Caravan and Chrysler Town & Country

NOTE: This repair procedure applies only to the above vehicles equipped with power sliding doors (sales codes JRA and JRB).

IMPORTANT: Some of the involved vehicles may be in dealer used vehicle inventory. Dealers should complete this recall service on these vehicles before retail delivery. Dealers should also perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

Subject

The right and/or left power sliding door wiring harnesses on about 284,000 of the above vehicles may chafe on the sliding door hinge when operating the sliding door. This could cause the sliding door latch to overheat and cause a fire inside the sliding door.

Repair

The power sliding door wiring harness and the drive motor wiring harness must be inspected for damage and repaired/replaced as necessary. The two harnesses must then be tie strapped together and routed under the sliding door weather strip and a tab/wedge installed on each sliding door lower hinge bracket.

Parts Information

<u>Part Number</u>	<u>Description</u>
CATFK143AA	Tab/Wedge Package

Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
2	Tab/Wedge

Each dealer to whom vehicles in the recall were assigned will receive enough Tab/Wedge packages to service about 20% of those vehicles.

<u>Part Number</u>	<u>Description</u>
CATFK142AA	Harness, Power Sliding Door (right)

<u>Part Number</u>	<u>Description</u>
CATFK141AA	Harness, Power Sliding Door (left)

<u>Part Number</u>	<u>Description</u>
CLG0J061AA	Plastic Tie Strap Package

<u>Quantity</u>	<u>Description</u>
2	Strap, Plastic Tie

<u>Part Number</u>	<u>Description</u>
05018528AA	Wire Splice Band Package (for 12 gauge wire)
05018526AA	Wire Splice Band Package (for 16 gauge wire)
05018395AA	Wire Splice Band Package (for 20 gauge wire)

Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
2	Band, Brass Splice
2	Tube, Heat Shrink

Special Tools

The following special tool may be required to perform this repair:

- 10042 Wire Splice Crimp Tool

NOTE: One wire splice crimp tool was mailed to each dealer free of charge in June, 2007. For warranty issues regarding the wire splice crimping tool sent in June, contact Wright Tool Company at 1-800-783-9826.

Additional wire splice crimp tools can be purchased, at dealer expense, by calling Miller Special Tools at 1-800-801-5420 during regular business hours. Contact Miller Special Tools regarding warranty issues on any purchased tools.

Service Procedure

A. Inspect Chain Link Track and Wiring Harnesses

1. Open the driver's side power sliding door.
2. Partially remove the sliding door weather seal (Figure 1).
3. Inspect the drive motor wiring harness and power sliding door wiring harness for a wire chafe condition (Figure 1). Then inspect the chain link track for broken links, damaged wires, or the chain link track being disconnected from the lower hinge bracket (Figure 2).
 - If there is no damage to either wiring harness or the chain link track, continue with Section B of this procedure.
 - If no more than two wires are chafed on the power sliding door wiring harness or no more than four wires are damaged on the drive motor wiring harness, continue with Section C of this procedure.
 - If the chain link track is damaged or the chain link is disconnected or more than two wires on the power sliding door wiring harness are damaged, continue with Step 4 of this procedure.

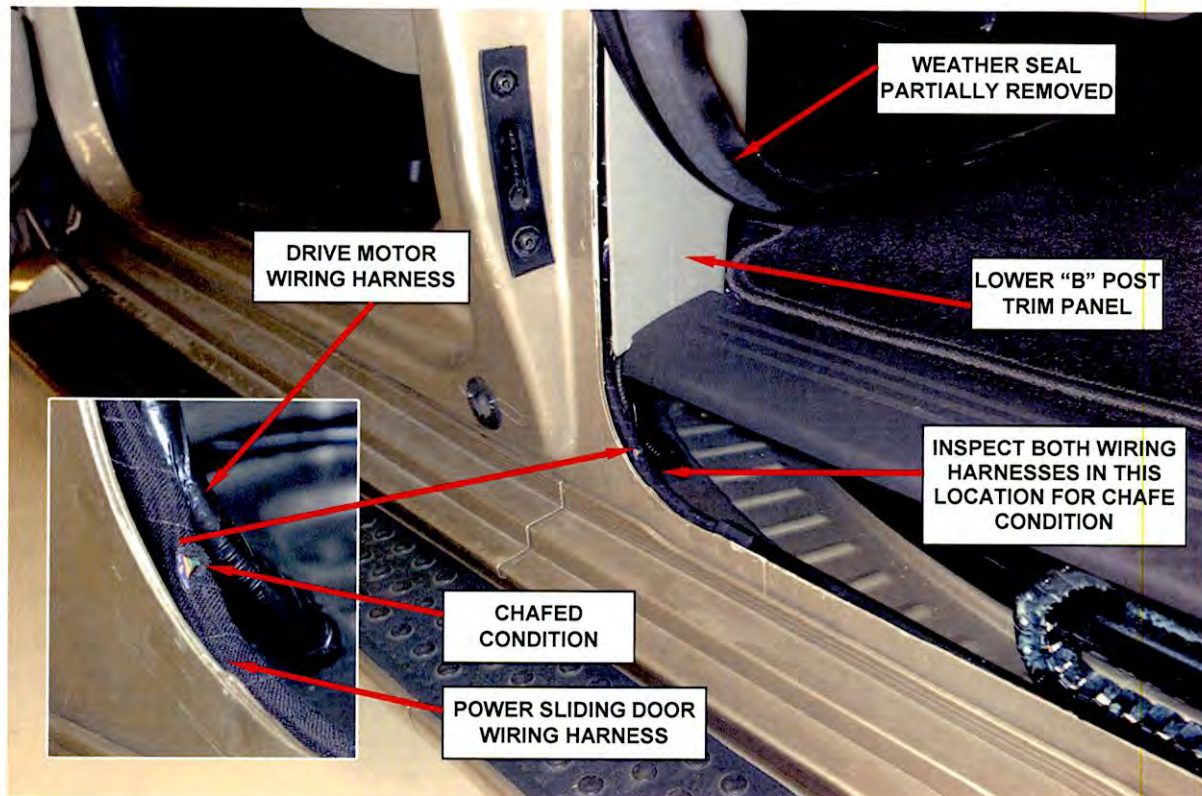


Figure 1 – Inspect Wiring Harnesses (Driver's Side Shown)

Service Procedure (Continued)

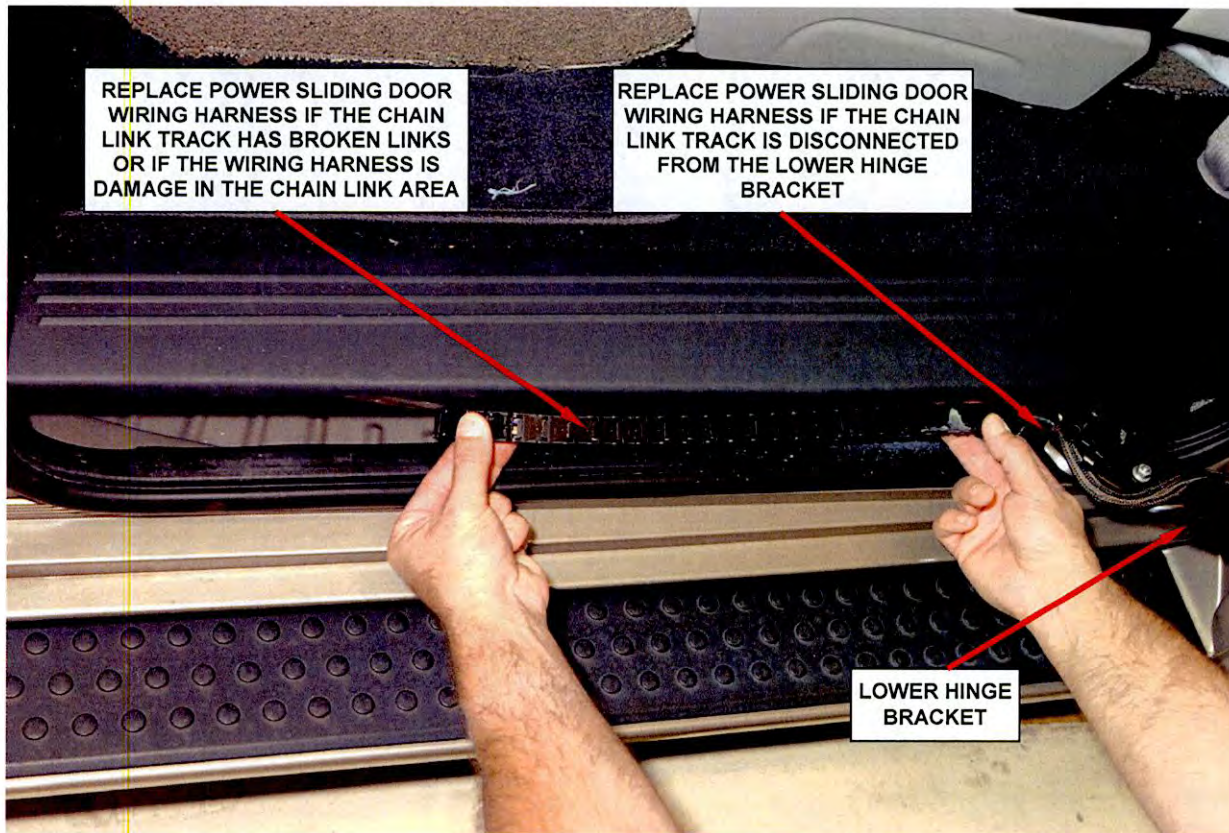


Figure 2 – Inspect Chain Link Track For Damage

4. Place both front seats to the full forward travel position. This seat position will allow access to all trim panels during the repair procedure.
5. Open the hood and disconnect the negative battery cable.

Service Procedure (Continued)

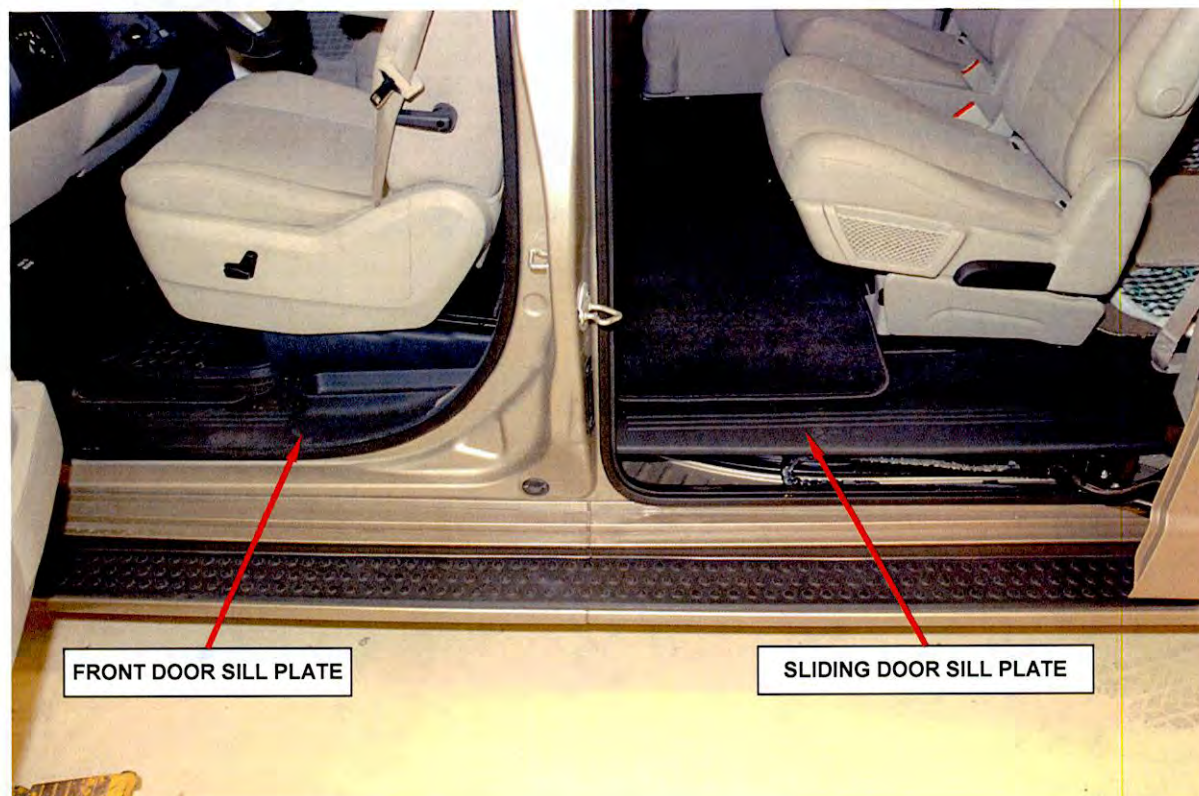


Figure 3 – Sill Plate Removal

6. Carefully unsnap the front door sill plate and sliding door sill plate by lifting the inside edge of the sill plates (Figure 3).

NOTE: Remove the cap plug and nut at the rear of the front driver side sill plate, before attempting to remove the sill plate (Figure 13).

7. Carefully unsnap the lower “B” post trim panel (Figure 1).
8. Disconnect the power sliding door switch, located on the lower “B” post trim panel, from the body wiring harness connector.

Service Procedure (Continued)

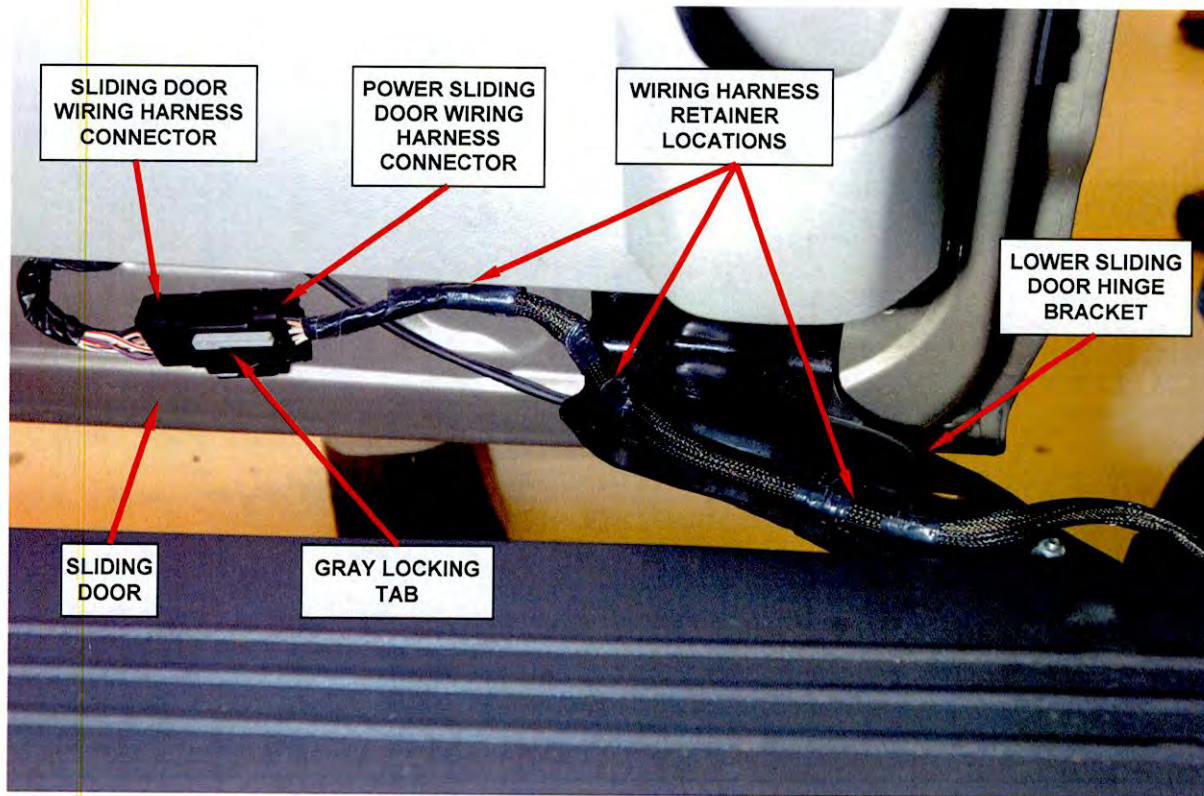


Figure 4 – Power Sliding Door Wiring Harness Removal (Driver's Side Shown)

9. Disconnect the 10 way power sliding door wiring harness connector from the sliding door wiring harness connector by first pushing the gray locking tab upward (downward on the passenger side). Then push down on the release tab while separating the connector (Figure 4).
10. Remove the power sliding door wiring harness from the sliding door and lower hinge bracket by carefully pulling the wiring harness retainers out of the retention holes (Figure 4).

Service Procedure (Continued)

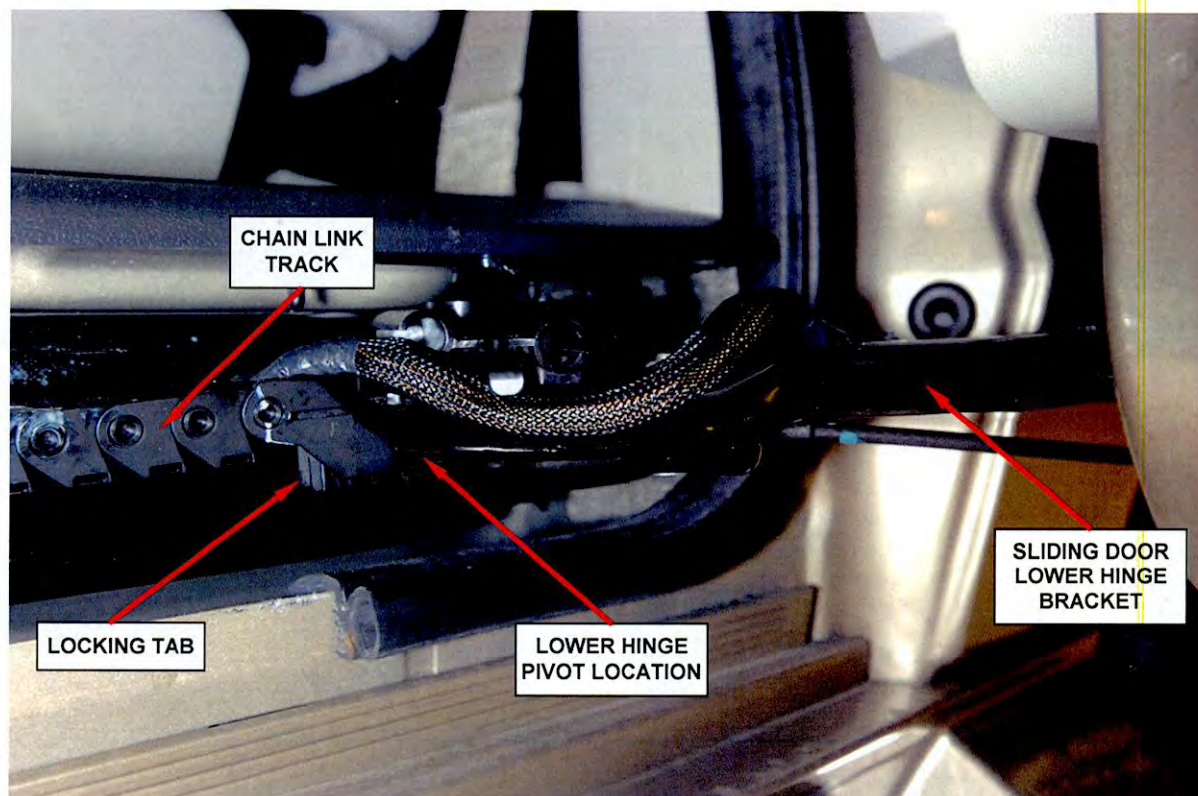


Figure 5 – Chain Link Track Removal

11. Release the chain link track from the lower hinge pivot by pushing the locking tab forward and then push the chain link downward (Figure 5).
12. Move the power sliding door wiring harness and chain link track forward to gain access to the side impact sensor.

Service Procedure (Continued)

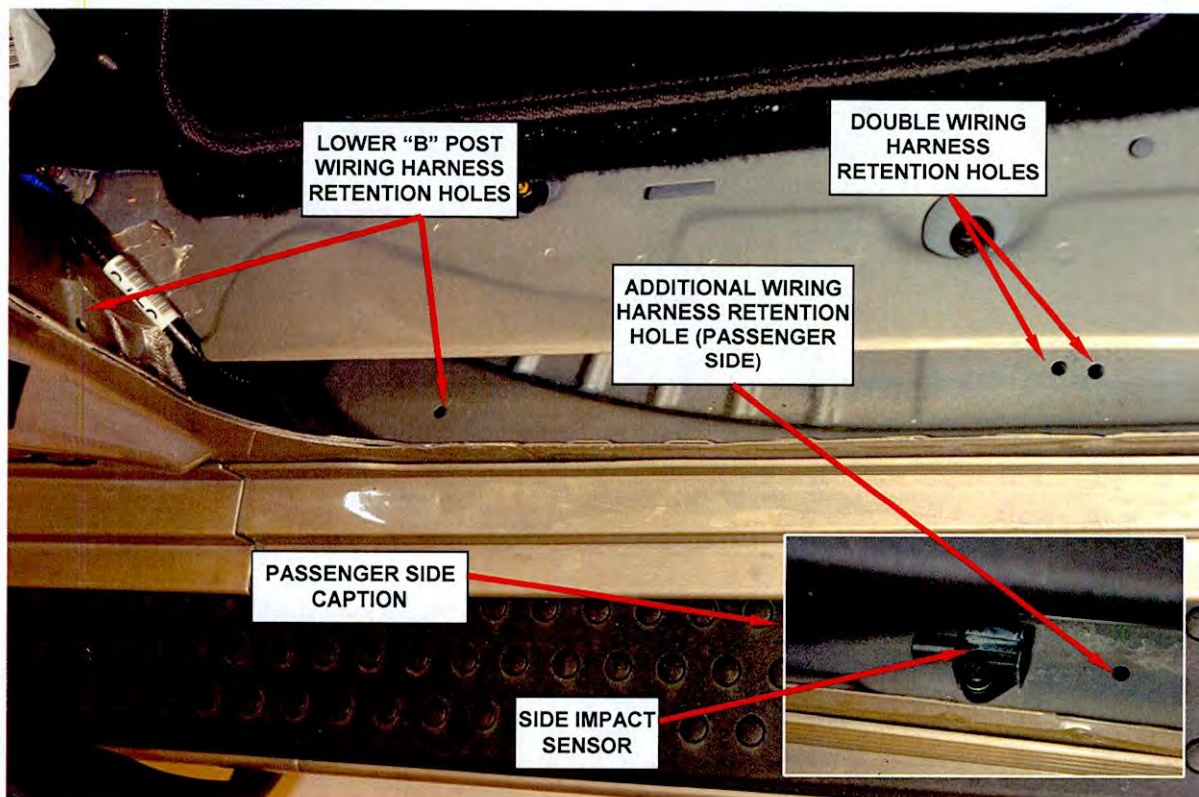


Figure 6 – Wiring Harness Retention Holes (Driver's Side Shown)

13. Disconnect the side impact sensor connector (Figure 6).

NOTE: The passenger side wiring harness has one additional wiring harness retainer at the side impact sensor (Figure 6 caption).

14. Disconnect the 10 way power sliding door harness connector from the body wiring harness connector located at the lower "B" post. Push the red locking tab in the direction of the power sliding door harness, then push down on the release tab while separating the connectors.
15. Remove the power sliding door harness from the door track by carefully pulling the harness retainers out of the retention holes (Figure 6).
16. Place the new power sliding door harness into position in the door track.
17. Insert the double wiring harness retainers into the door track retention holes and then insert the two lower "B" post wiring harness retainers into the retention holes (Figure 6).

Service Procedure (Continued)

18. Connect the 10 way power sliding door wiring harness connector to the body wiring harness connector located at the lower “B” pillar and slide the red locking tab in the direction of the body wiring harness.
19. Connect the side impact sensor connector (Figure 6).

NOTE: The passenger side wiring harness at the side impact sensor has one additional wiring harness retainer (Figure 6 caption).

20. Move the chain link track and wiring harness rearward.
21. Install the supplied tab/wedge on the lower hinge pivot located on the sliding door lower hinge (Figure 5).

NOTE: The tab/wedge must have the “L” facing up on the drivers side of the vehicle and the “R” facing up on the passenger side of the vehicle (Figure 7).

22. While holding the tab/wedge in place, snap the chain link to the lower hinge pivot.

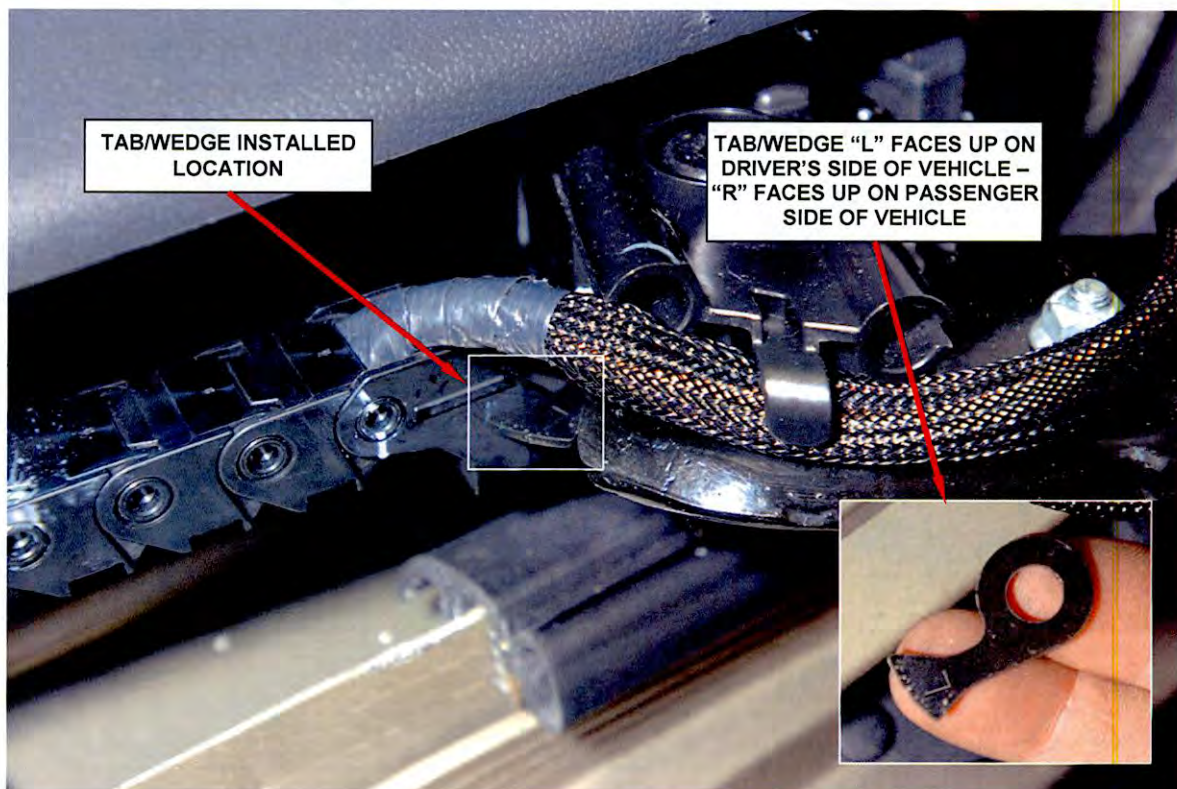


Figure 7 – Tab/Wedge Installation (Left Side Shown)

Service Procedure (Continued)

23. Lock the chain link in place by pushing the locking tab rearward (Figure 5).
24. Insert the power sliding door wiring harness retainers into the lower hinge and sliding door retention holes (Figure 4).
25. Connect the 10 way power sliding door wiring harness connector to the sliding door wiring harness connector and slide the gray locking tab downward (upward on the passenger side of the vehicle) (Figure 4).
26. Connect the power sliding door switch, located on the lower “B” post trim panel, to the body wiring harness connector.
27. Carefully snap the lower “B” post trim panel in place (Figure 1).
28. Carefully snap the front door sill plate and sliding door sill plate in place (Figure 3).

NOTE: Install the nut and cap plug at the rear of the front driver side sill plate.

29. Using the supplied plastic tie strap, secure both harnesses together as shown in Figure 8. The power sliding door wiring harness must be routed to the rear (in car position) of the drive motor wiring harness.

CAUTION: Do not over tighten the tie strap.

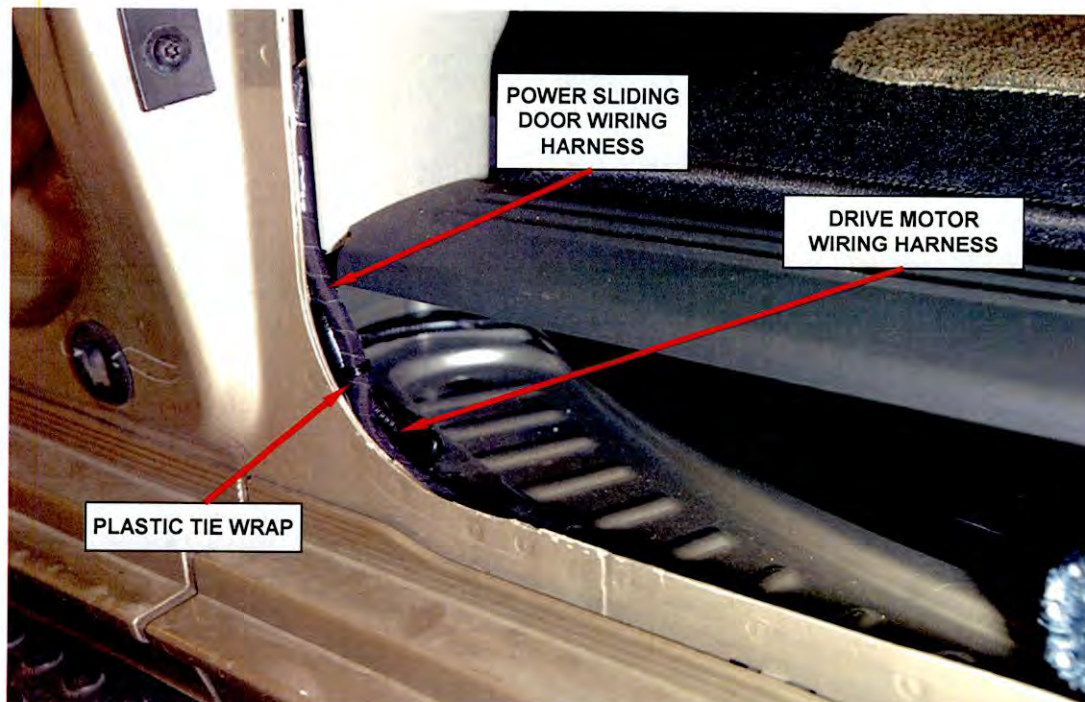


Figure 8 – Tie Strap and Wiring Harness Locations

Service Procedure (Continued)

30. Cut off the tail of the tie strap and rotate the tie strap so that the tie strap lock is tucked under the wiring harnesses.
31. Install the partially removed sliding door weather seal. **Be sure to tuck the wiring harness behind the weather seal inner retaining lip.**
32. Move the sliding door manually and verify that the lower hinge does not contact the weather seal and/or any portion of the wiring harnesses.
33. Repeat Section A on the passenger (right) side sliding door.
34. Connect negative battery cable and close hood.

Service Procedure (Continued)

B. Install Tie Wrap and Tab/Wedge

1. Using the supplied plastic tie strap, secure both harnesses together as shown in Figure 9. The power sliding door wiring harness must be routed to the rear (in car position) of the drive motor wiring harness.

CAUTION: Do not over tighten the tie strap. Over tightening the tie strap may cut through the convolute or tape.

2. Cut off the tail of the tie strap and rotate the tie strap so that the tie strap lock is tucked under the wiring harnesses.
3. Install the partially removed sliding door weather seal. **Be sure to tuck the wiring harness behind the weather seal inner retaining lip.**

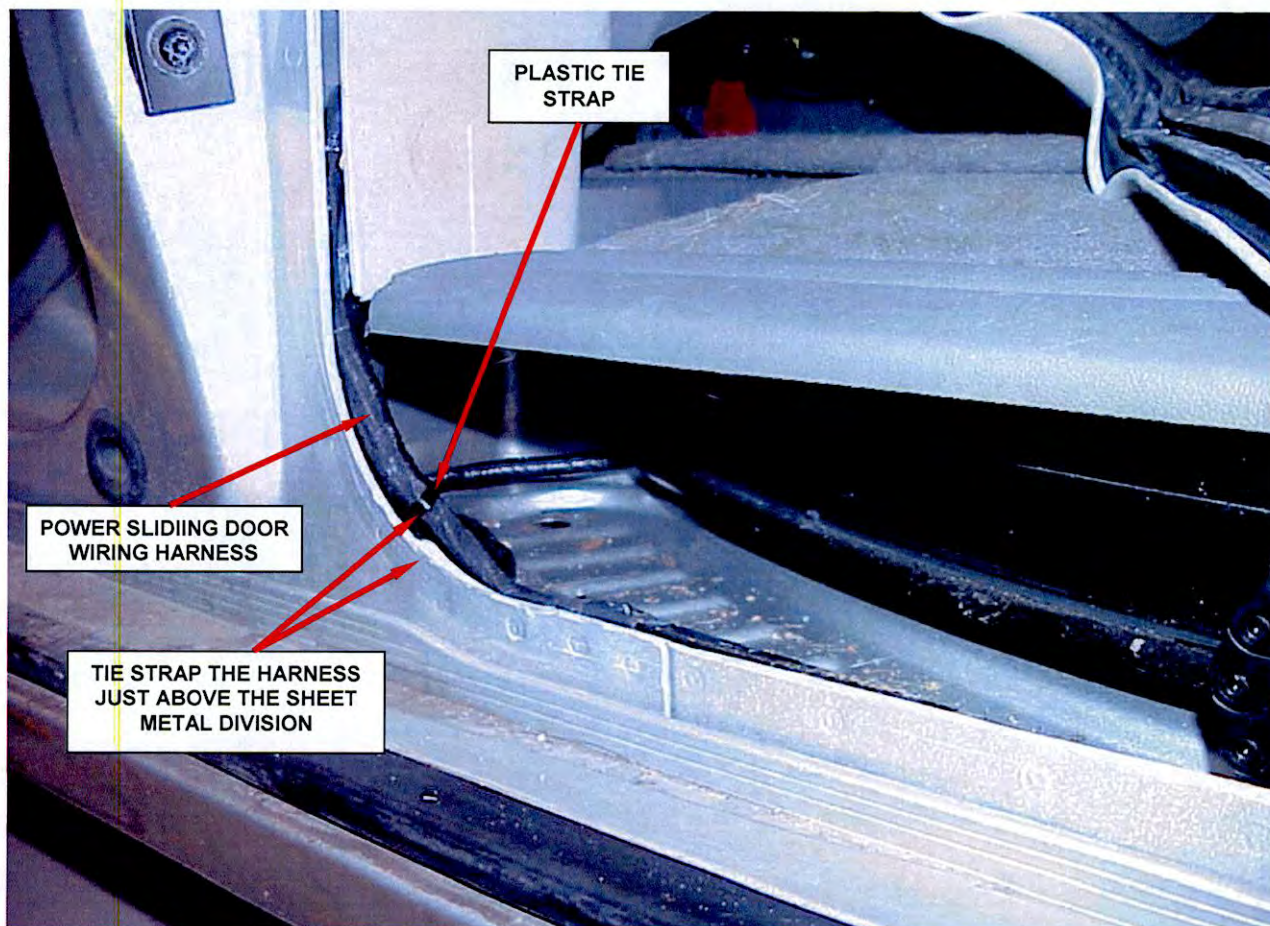


Figure 9 – Tie Strap and Wiring Harness Location

Service Procedure (Continued)

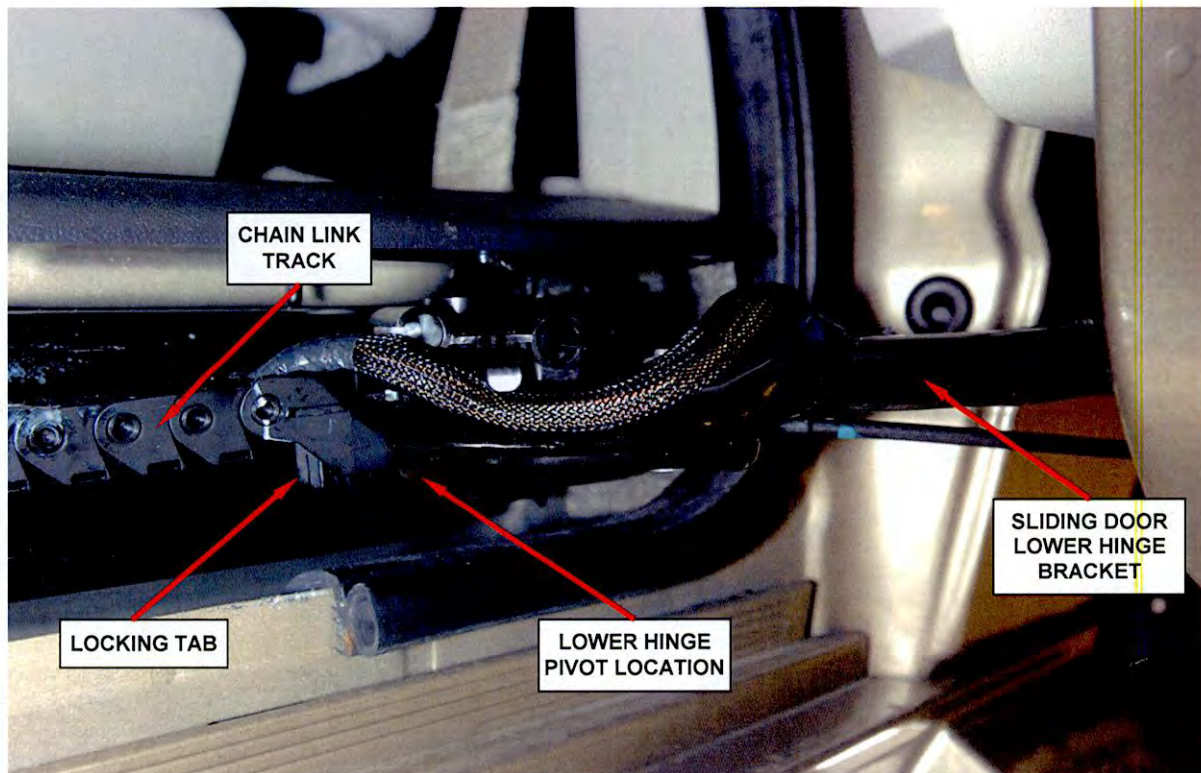


Figure 10 - Chain Link Track Removal

4. Move the sliding door manually and verify that the lower hinge does not contact the weather seal and/or any portion of the wiring harnesses.
5. Release the chain link track from the lower hinge pivot by pushing the locking tab forward and then push the chain link downward (Figure 10).

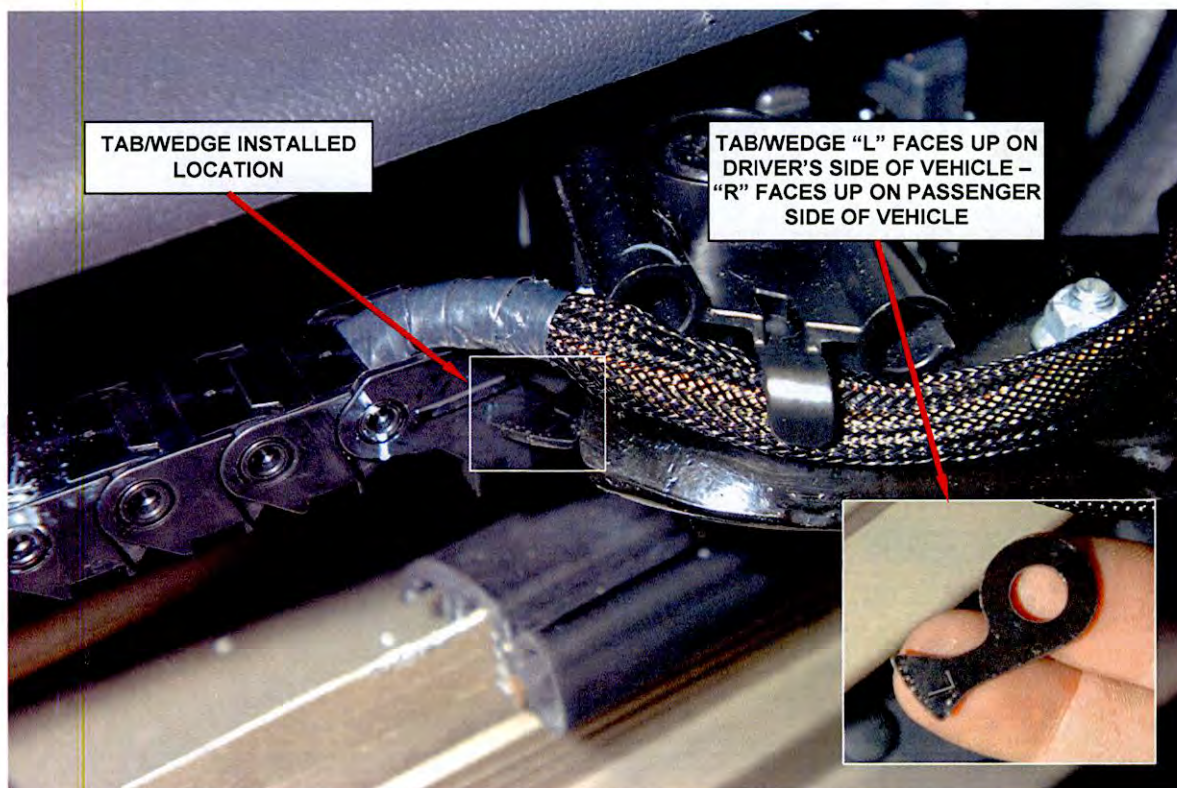
Service Procedure (Continued)

Figure 11 – Tab/Wedge Installation (Left Side Shown)

6. Install the supplied tab/wedge on the lower hinge pivot located on the sliding door lower hinge (Figure 10).

NOTE: The tab/wedge must have the “L” facing up on the drivers side of the vehicle and the “R” facing up on the passenger side of the vehicle (Figure 11).

7. While holding the tab/wedge in place, snap the chain link to the lower hinge pivot.
8. Lock the chain link in place by pushing the locking tab rearward (Figure 10).
9. Repeat Section A on the passenger (right) side sliding door.
10. Connect negative battery cable and close hood.

Service Procedure (Continued)

C. Wiring Harness Repair

1. Place both front seats to the full forward travel position. This seat position will allow access to all trim panels during the repair procedure.
2. Open the hood and disconnect the negative battery cable.
3. Carefully unsnap the front door sill plate and sliding door sill plate by lifting the inside edge of the sill plates (Figure 12).

NOTE: Remove the cap plug and nut at the rear of the front driver side sill plate, before attempting to remove the sill plate (Figure 13).

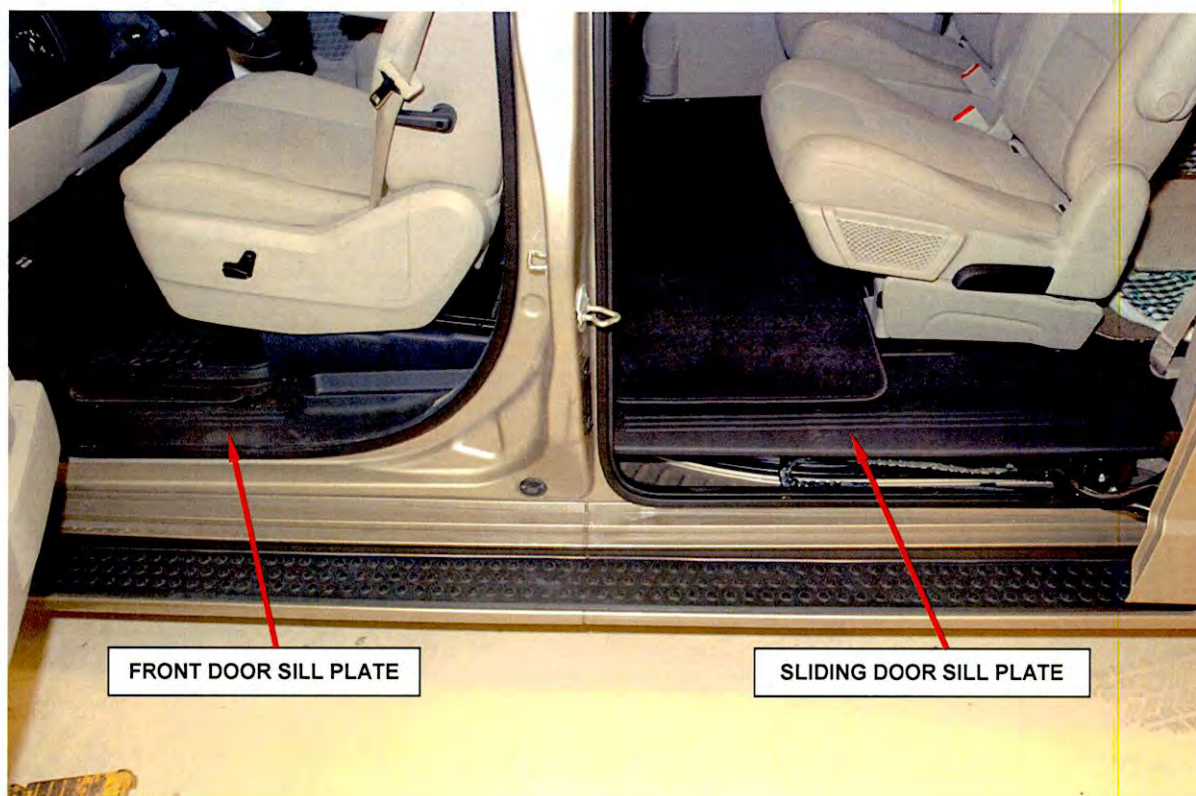


Figure 12 – Sill Plate Removal

Service Procedure (Continued)

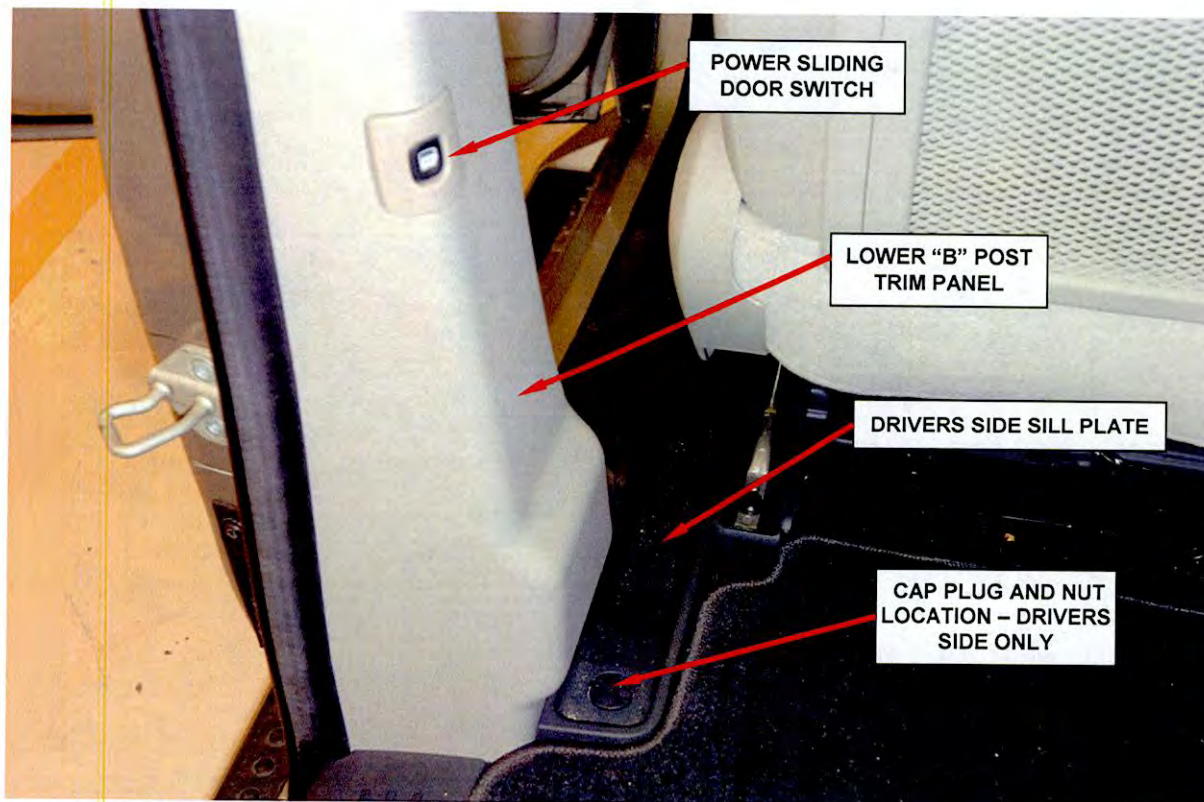


Figure 13 – Lower “B” Post Trim Panel and Power Sliding Door Switch

4. Carefully unsnap the lower “B” post trim panel (Figure 13).
5. Disconnect the power sliding door switch, located on the lower “B” post trim panel, from the body wiring harness connector (Figure 13).
6. Disconnect the affected chaffed wiring harness connector from the main wiring harness connector at the lower “B” post.
 - If the drive motor wiring harness requires repair, note the method used to tape the convolute and then remove the electrical tape from the convolute. Slide the wires through the split in the convolute to expose the chaffed wires. Continue to Step 10 of this procedure.
 - If the power sliding door wiring harness requires repair, continue with Step 7 of this procedure.

Service Procedure (Continued)

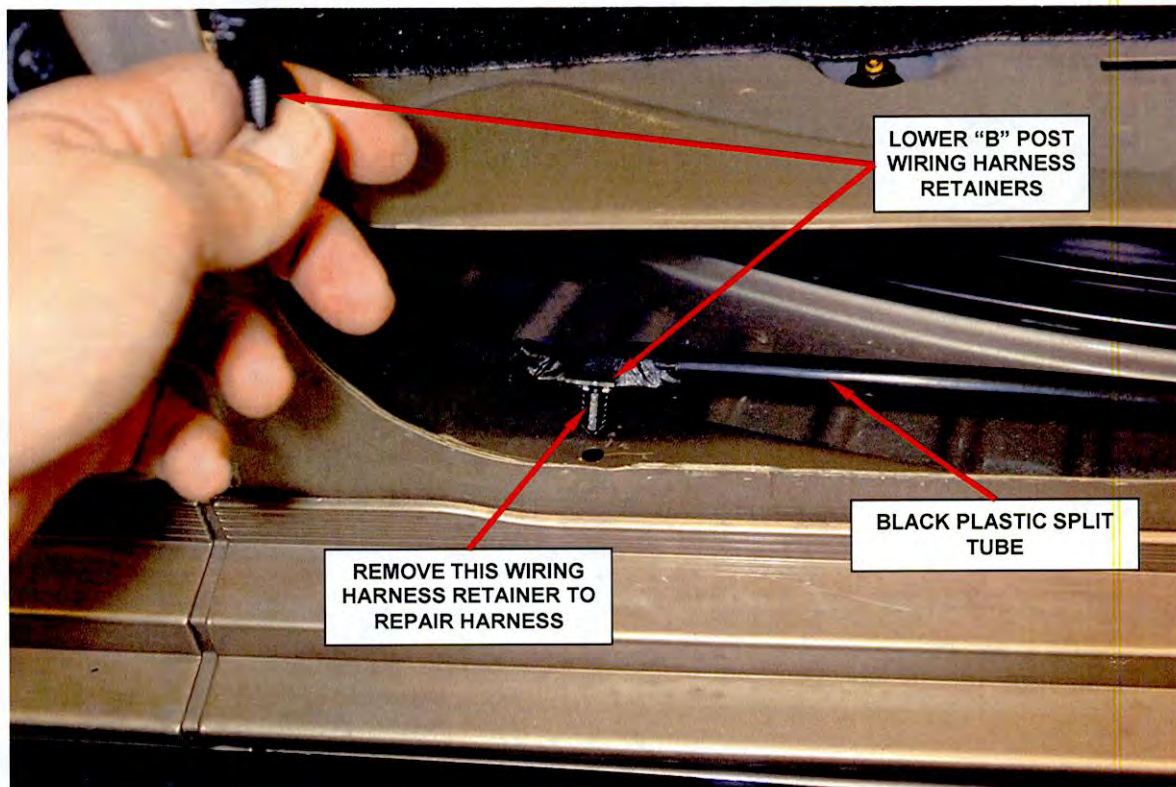


Figure 14 – Power Sliding Door Wiring Harness Retainers

7. Disengage the two lower “B” post wiring harness retainers from the retention holes (Figure 14).
8. Remove the wiring harness retainer from the front of the black plastic split tube of the power sliding door wiring harness, noting its original location (Figure 14).
9. Carefully unwrap the power sliding door wiring harness starting at the front end (in car position) of the black plastic split tube (Figure 14). Unwrap enough of the cloth tape to expose the chaffed wires.
10. Select the appropriate wire splice band package based on the wire gauge of the chaffed wire. The power sliding door harness has nine 16-gauge wires. The drive motor harness has two 20-gauge wires and two 12-gauge wires.

Service Procedure (Continued)

11. Using diagonal cutters, cut through the damaged wire in the middle of the chaffed area (Figure 15).
12. Remove approximately one-half ($\frac{1}{2}$) inch (13 mm) of insulation from both wires using wire strippers.
13. Install a piece of shrink tube over one of the cut wires (Figure 16).

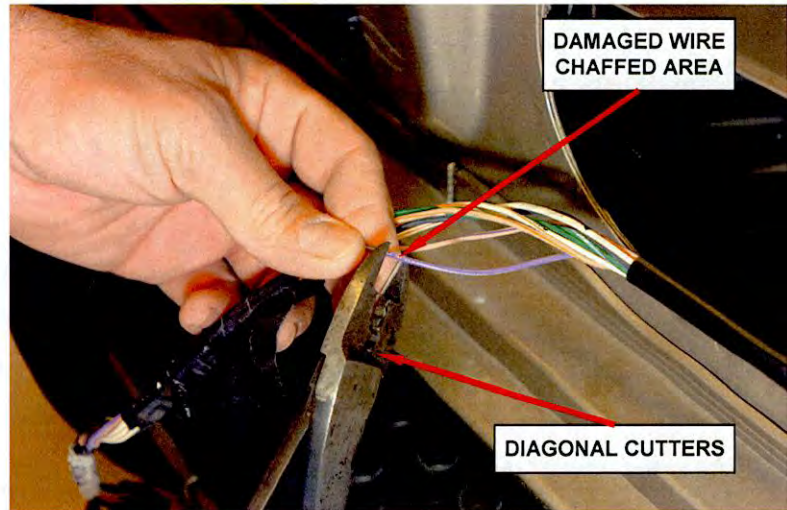


Figure 15 – Cut Damage Wire

14. Insert both cut wires into the splice band and crimp them together using wire splice crimp tool 10042 (Figure 16).

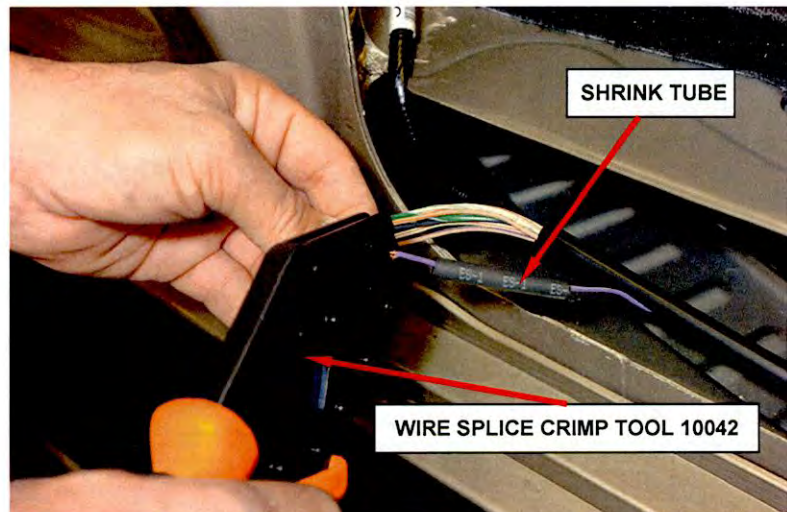


Figure 16 – Crimping Wires Together

Service Procedure (Continued)

15. Using rosin core solder and a soldering gun, solder the wiring connection at the splice band (Figure 17).

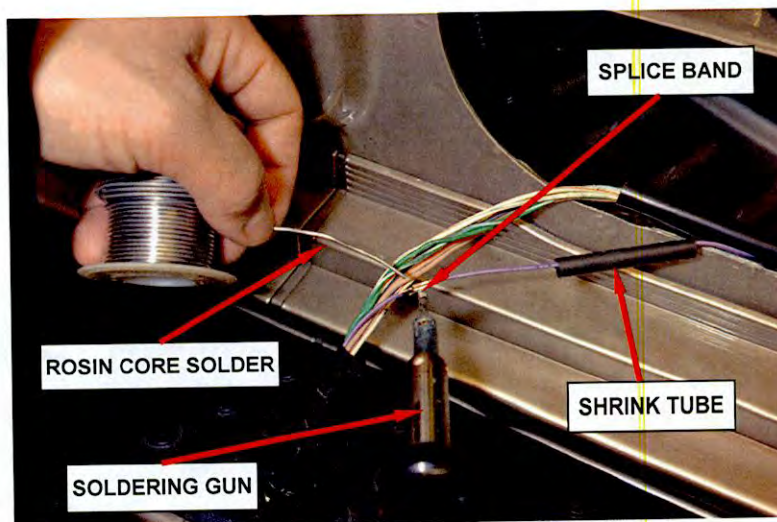


Figure 17 – Soldering the Wiring Connection

16. Center the shrink tube over the soldered wire connection made in Step 15.
17. Heat the shrink tube with a heat gun until it shrinks around the wire and glue comes out of both ends of the shrink tube (Figure 18).
18. Repeat Steps 10 – 17 on all chaffed wires.

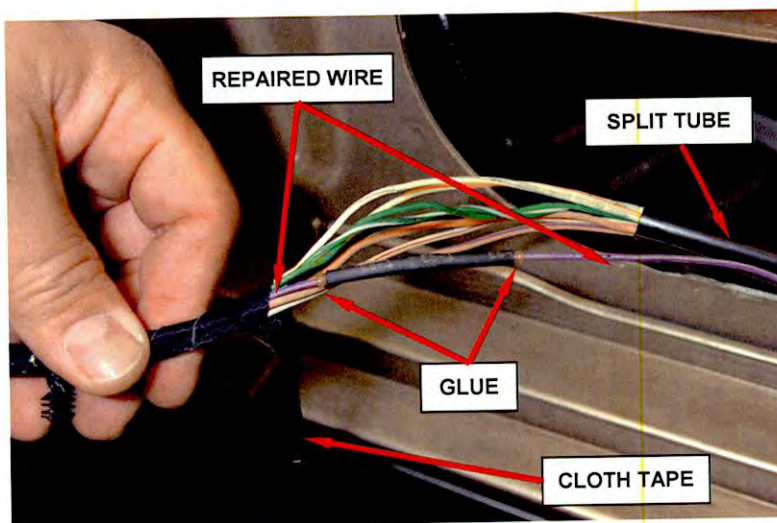


Figure 18 – Shrink Tube

Service Procedure (Continued)

19. When all chaffed wires have been repaired, position the wires in the convolute/split tube (Figure 18).
 - If the drive motor wiring harness was repaired, tape the drive motor wiring harness with electrical tape as noted in Step 6. Continue with Step 22 of this procedure.
 - If the power sliding door wiring harness was repaired, tape the wiring harness using the cloth tape that was previously unwrapped in Step 9 (Figure 18). Continue with Step 20 of this procedure.
20. Position the wiring harness retainer at the end of the split tube and tape the wiring harness retainer in place with electrical tape (Figure 14).
21. Insert the two lower “B” post wiring harness retainers into the retention holes (Figure 14).
22. Connect the drive motor wiring harness connector or the power sliding door wiring harness connector to the body wiring harness connector at the base of the “B” post.
23. Connect the power sliding door switch, located on the lower “B” post trim panel, to the body wiring harness connector (Figure 13).
24. Carefully snap the lower “B” post trim panel in place (Figure 13).
25. Carefully snap the front door sill plate and sliding door sill plate in place (Figure 12).

NOTE: Install the nut and cap plug at the rear of the front driver side sill plate (Figure 13).
26. Continue with Section B of this repair procedure.

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 the following labor operation numbers and time allowances:

	<u>Labor Operation Number</u>	<u>Time Allowance</u>
Inspect right and left sliding door wiring harnesses and chain link track, tie strap/route harnesses under weather strip and install tab/wedge.	08-K1-41-82	0.2 hours
<u>Related Operations</u>		
Replace <u>right</u> sliding door wiring harness.	08-K1-41-50	0.4 hours
Replace <u>left</u> sliding door wiring harness.	08-K1-41-51	0.5 hours
Repair <u>right</u> sliding door wiring harness one or two wires.	08-K1-41-52	0.7 hours
Repair <u>left</u> sliding door wiring harness one or two wires.	08-K1-41-53	0.7 hours
Repair <u>right</u> drive motor wiring harness one to four wires.	08-K1-41-54	0.7 hours
Repair <u>left</u> drive motor wiring harness one to four wires.	08-K1-41-55	0.7 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 K14

POWER SLIDING DOOR WIRING

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 **2008 and 2009 model year Dodge Grand Caravan and Chrysler Town & Country vehicles equipped with power sliding doors.**

The problem is... The right and/or left power sliding door wiring harnesses on your vehicle (VIN: xxxxxxxxxxxxxxxxx) may chafe on the sliding door hinge when operating the sliding door. This could cause the sliding door latch to overheat and cause a fire inside the sliding door.

What your dealer will do... Chrysler will repair your vehicle free of charge (parts and labor). To do this, your dealer will inspect both sliding door wiring harnesses and repair or replace the wiring harness(s) as required. The inspection will take about ½ hour to complete. If wiring harness replacement is required an addition hour will be required. However, additional time may also 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 Chrysler 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.chrysler.com/ownersreg or 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 3 weeks.

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 K14

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