



Revised July 2016

Dealer Service Instructions for:

Safety Recall P36 / NHTSA 14V-391

Sun Visor Wiring

NOTE: The service procedure has been revised.

Models

2011 – 2014 (WD) Dodge Durango

(WK) Jeep® Grand Cherokee

NOTE: This recall applies only to the above vehicles equipped with a sun visor vanity light (sales code GNC) built through December 11, 2013 (MDH 121119).

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 sun visor vanity lamp wiring on about 651,000 of the above vehicles may experience a high resistance short after a service repair to the sun visor, headliner or while gaining access above the headliner. This may result in an inoperative vanity lamp and an increased risk of fire.

Repair

The sun visor wiring must be inspected on all involved vehicles to find those that may have had an improper service procedure. Any damaged sun visor wiring found during the inspection will be repaired. Also, sun visor wire guides will be installed on all vehicles to reroute sun visor wiring to prevent wiring damage during any future service procedures.

Parts Information

<u>Part Number</u>	<u>Description</u>
CBXDP361AB	Sun Visor Wire Guide Package

Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
1	Guide, sun visor wire (right side)
1	Guide, sun visor wire (left side)

<u>Part Number</u>	<u>Description</u>
68065586AA	Tape, Abrasion <i>NOTE: One roll of tape will repair 25 vehicles.</i>
68303542AB	Tape, Patch (5”x 3”) (50 patch quantity) <i>NOTE: This is a roll with 50 tape patches. One roll can repair up to 10 vehicles (6 patches per vehicles without a sunroof or a single pane sunroof/8 patches per vehicle with a dual pane sunroof).</i>
68303542AA	Tape, Patch (5”x 3”) (1,500 patch quantity) <i>NOTE: The above part number is a roll of 1,500 tape patches and can repair up to 300 vehicles. This is the same tape patches as in 68303542AB only in a larger quantity roll and is probably already in your dealer parts inventory. <u>Check your dealership parts inventory before ordering additional tape patches.</u></i>
04443633AC	Primer, Corrosion Resistant (MS 90082) <i>NOTE: One can of primer will repair 50 vehicles.</i>

Special Tools

The following special tools are required to perform this repair:

➤ NPN	wiTECH VCI Pod Kit
➤ NPN	Laptop Computer
➤ NPN	wiTECH Software
➤ 2021400230	Support, Headliner Opening
➤ 2034700231	Kit, Visor Harness

Service Procedure

CAUTION: Wash your hands thoroughly before performing this service procedure to avoid staining the headliner.

NOTE: Six tape patches are required for vehicles without a sunroof / seven tape patches per vehicle equipped with a sunroof

1. **If equipped**, open sunroof shade.
2. Move both front seats to the full rear position.
3. Remove and save the right and left side front door opening sill plates.
4. Remove and save the right and left side front door weather seals (Figure 1).
5. Disconnect the negative battery cable located under the passenger seat (Figure 2).

CAUTION: After disconnecting the negative battery cable, wait two minutes before continuing with this service procedure.



Figure 1 – Door Opening Weather Seal



Figure 2 – Battery Location

Service Procedure (Continued)

6. Remove and save the right and left side “A” pillar covers (Figure 3).

CAUTION: Use extreme care when disconnecting the “A” pillar cover tether.

7. Remove and save the right and left side front overhead grab handles (Figure 4).
8. Temporarily connect the negative battery cable to the battery.

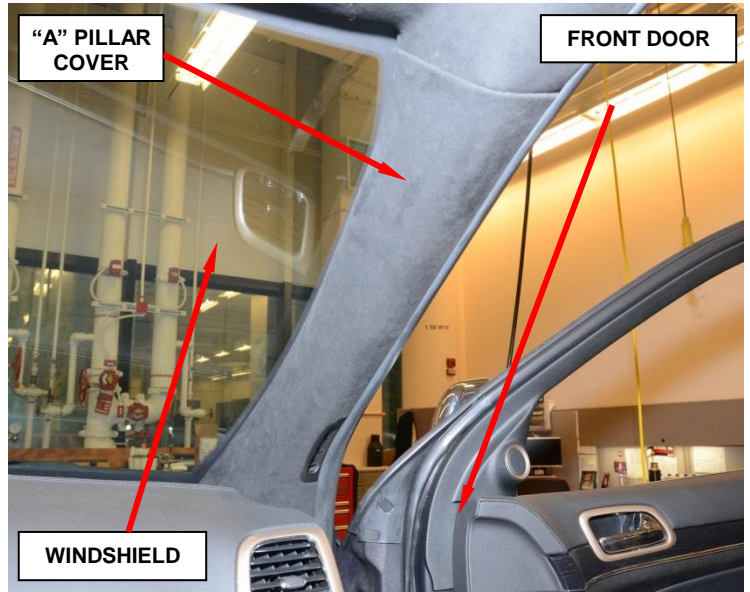


Figure 3 – “A” Pillar Cover (right side shown)

9. Move both front seats to the full forward position.

10. Disconnect the negative battery cable.

CAUTION: After disconnecting the negative battery cable, wait two minutes before continuing with this service procedure.

11. Remove and save the right and left side rear door opening sill plates.



Figure 4 – Front Overhead Grab Handle

Service Procedure (Continued)

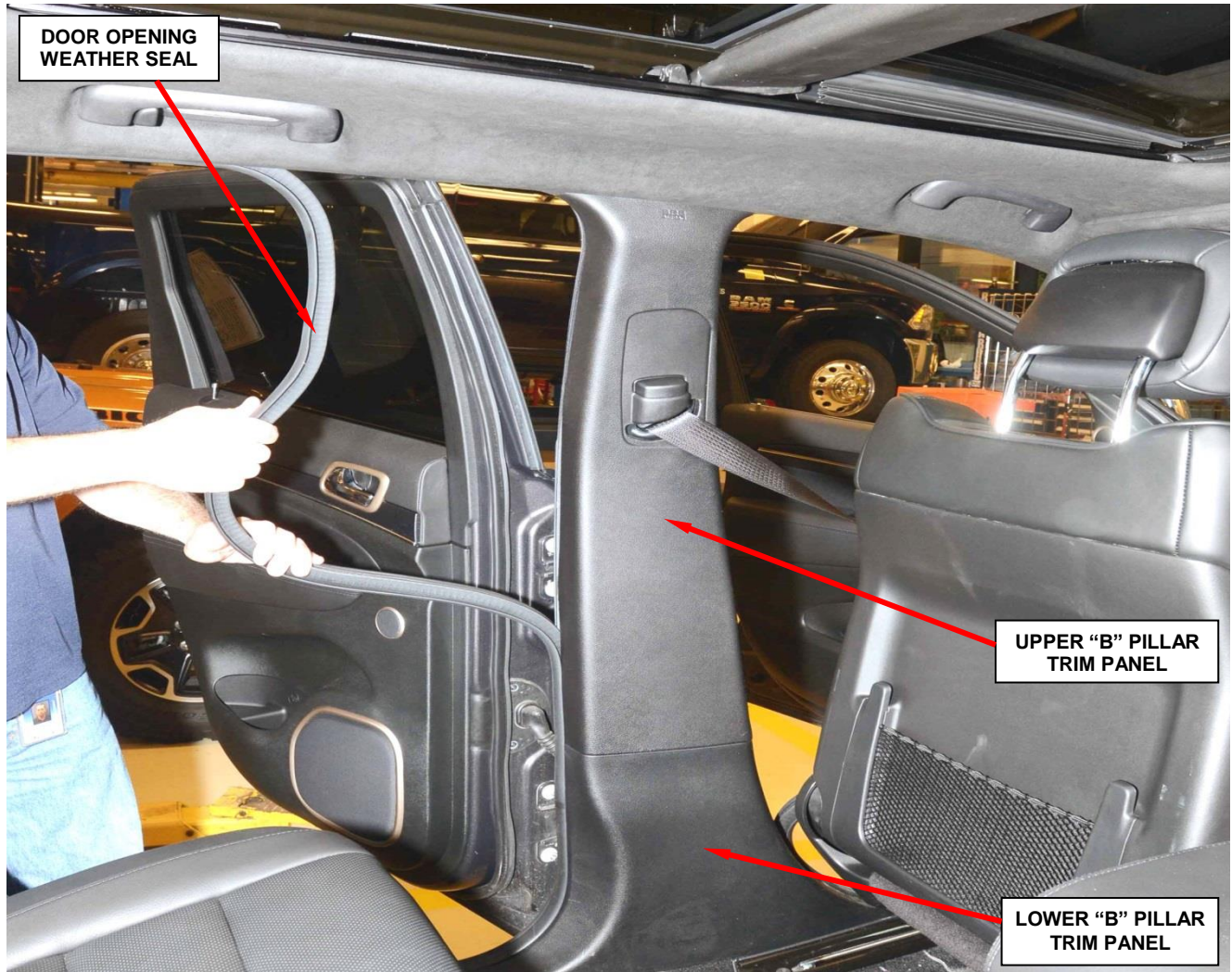


Figure 5 – Rear Door Weather Seal and “B” Pillar Panels

12. Remove and save the right and left side rear door weather seals (Figure 5).
13. Remove and save the right and left side upper and lower “B” pillar trim panels (Figure 5).
14. Remove and save the right and left side rear overhead grab handles (Figure 6).

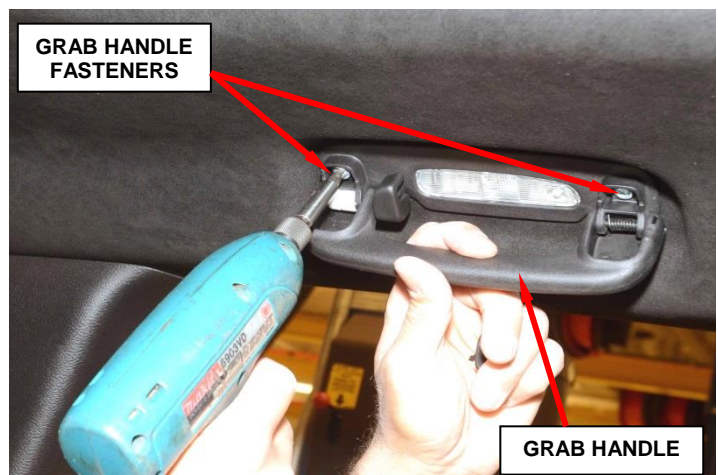


Figure 6 – Rear Overhead Grab Handle

Service Procedure (Continued)

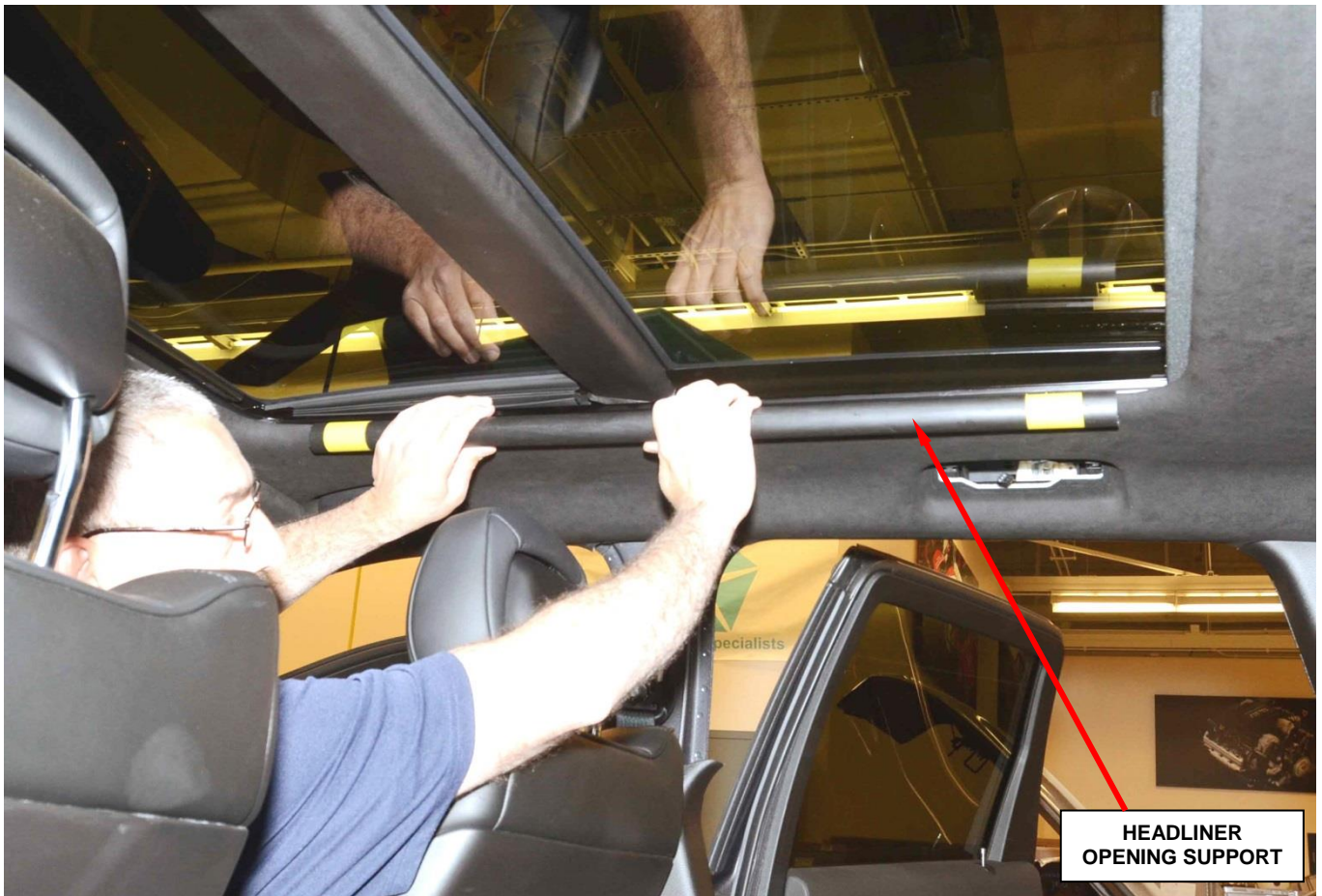


Figure 7 – Headliner Stiffener Tubes (Dual Pane Sunroof Only)

15. Temporarily connect the negative battery cable to the battery.
16. Move the seats to the full rear position.
17. Disconnect the negative battery cable.

CAUTION: After disconnecting the negative battery cable, wait two minutes before continuing with this service procedure.

18. **For vehicles equipped with a dual pane sunroof**, install right and left side headliner opening supports (Special Tool 2021400230) (Figure 7).

Service Procedure (Continued)

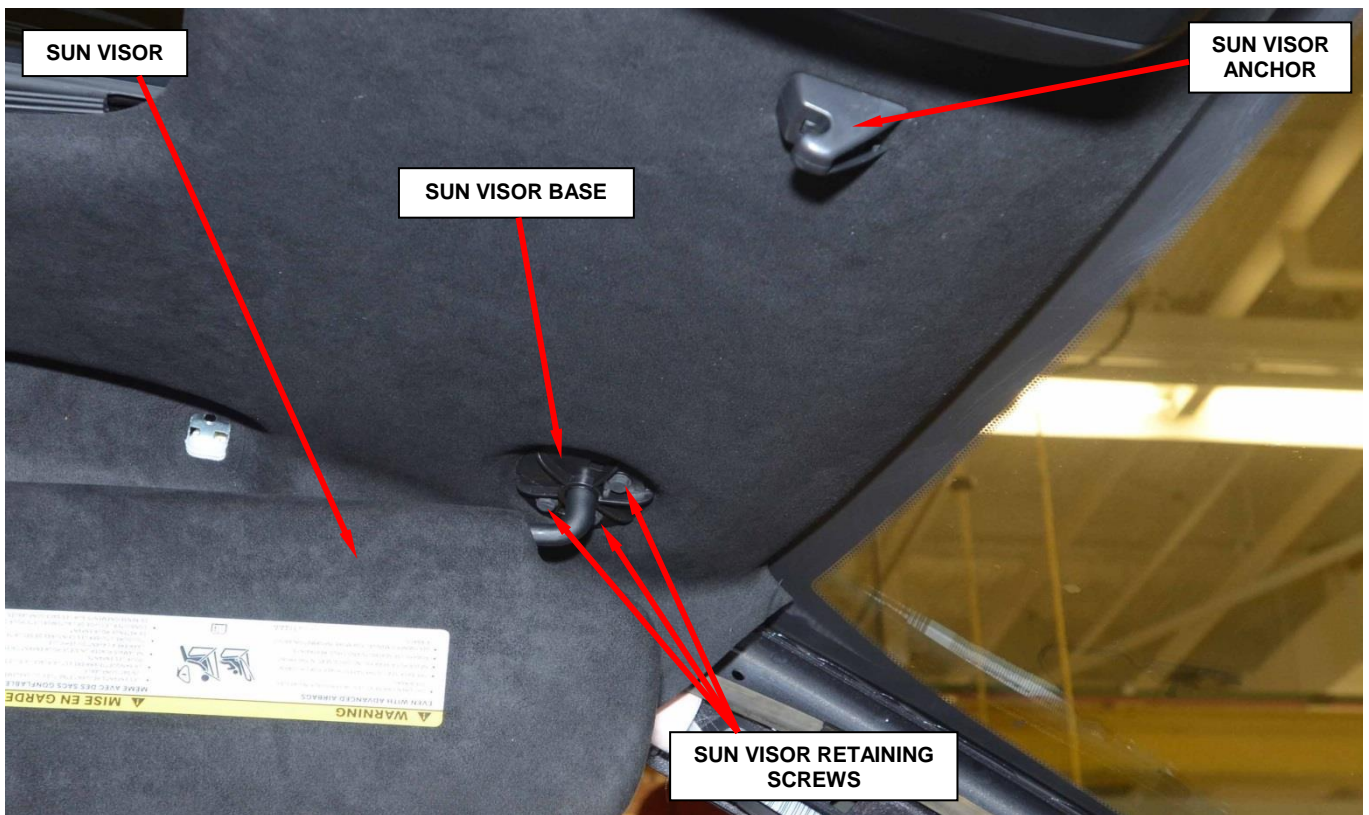


Figure 8 – Sun Visor Retaining Screws and Anchor

19. Remove and save the right and left side sun visor screw covers (Figure 8).
20. Adjust the front seats to support the headliner with the headrest in the highest position.
21. Remove and save the right and left side sun visor anchors (Figure 8).
22. Remove and save the front overhead console as an assembly (Figure 9).
23. **For vehicles equipped with rear overhead DVD console,** remove and save the rear overhead DVD console.



Figure 9 – Front Overhead Console

Service Procedure (Continued)

24. Remove and save the headliner retaining screw (Figure 10).

25. Remove and discard the three retaining screws holding the right and left side sun visors (Figure 8).

CAUTION: Do not allow the sun visors to hang by the wires.



Figure 10 – Headliner Retaining Screw

26. Carefully lower the front of the headliner to gain access to the right and left side sun visor wiring.

CAUTION: Carefully lower the headliner just enough to gain access to the sun visor wiring. Do not lower the headliner any more than necessary to prevent kinking the headliner.

27. Carefully disconnect the electrical connectors for the right and left sun visor.

28. Remove and save the original sun visors.

29. Inspect the right and left side headliner wiring for broken or bare wires. Repair wires if required.

Service Procedure (Continued)

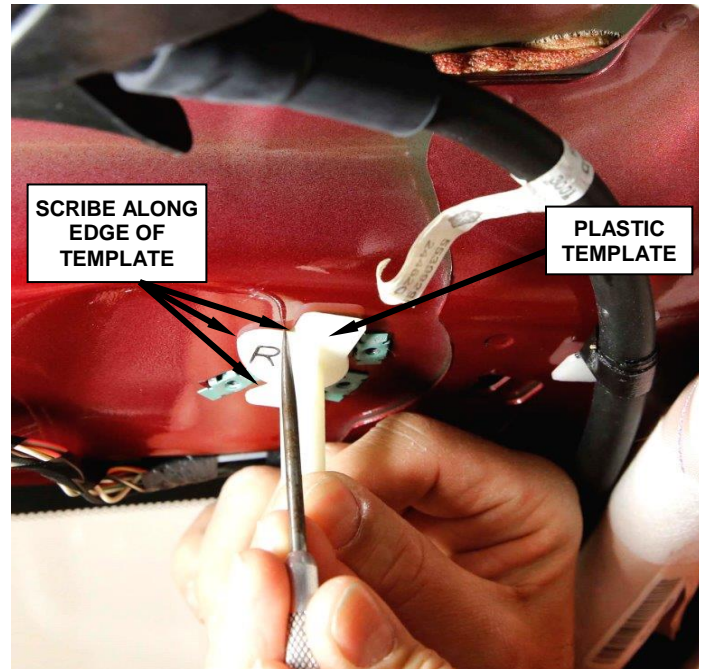
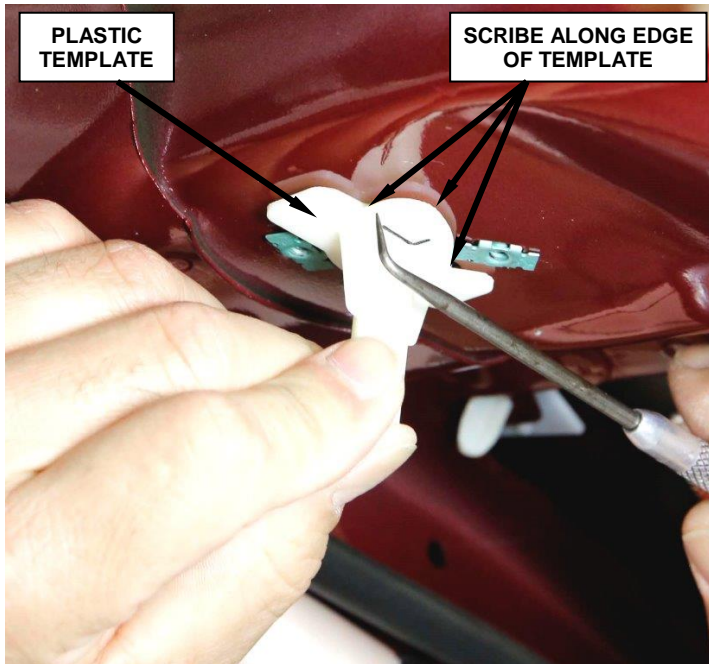


Figure 11 – Install Template and Scribe Cut Line

30. Hold the plastic template marked “L” into the left visor hole opening in the roof panel and scribe a line on the sheet metal (Figure 11).
31. Remove and save the left template. Verify that the scribe mark is visible (Figure 12).
32. Hold the plastic template marked “R” into the right visor hole opening in the roof panel and scribe a line on the sheet metal (Figure 11).
33. Remove and save the right template. Verify that the scribe mark is visible (Figure 13).

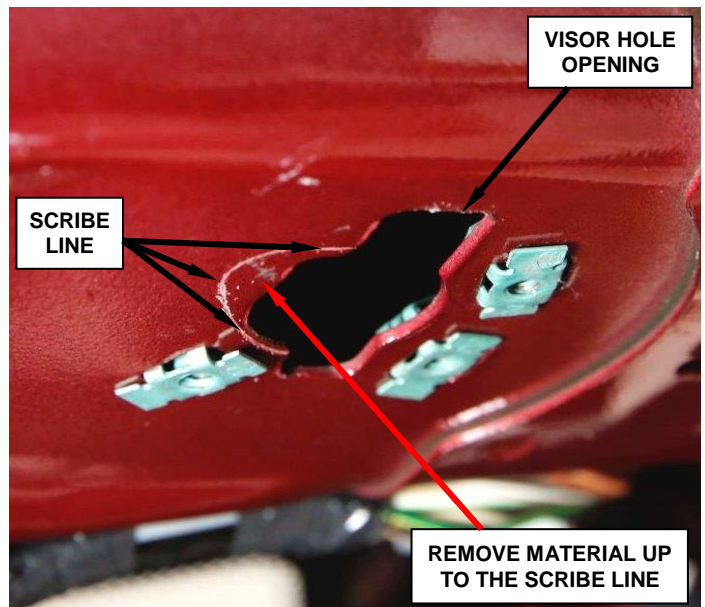


Figure 12 – Scribe Mark (right side shown)

Service Procedure (Continued)

34. Apply masking tape (or equivalent) over the right and left visor hole opening in the sheet metal panel as shown in Figure 13.

NOTE: Covering the visor hole opening with masking tape will greatly decrease the potential for metal shaving being thrown about the interior of the vehicle during the grinding process.

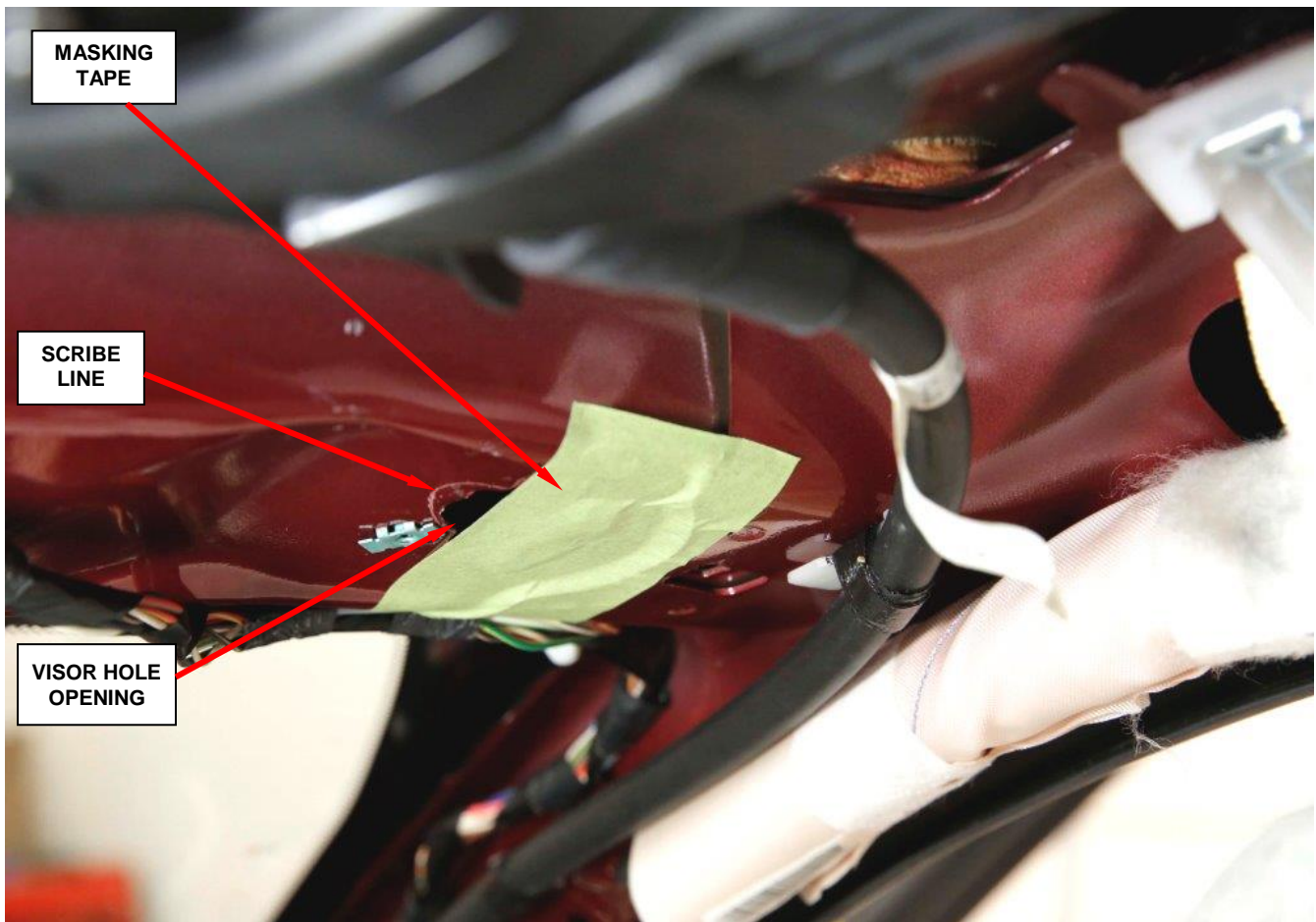


Figure 13 – Apply Masking Tape to Cover Majority of the Visor Hole Opening (right side shown)

Service Procedure (Continued)

35. Place a fender cover or equivalent over the defroster vents on the instrument panel to prevent any metal shavings from entering the defroster vents.
36. Install the two supplied magnets around the left visor hole to catch any metal shavings created from the grinding process (Figure 14).

CAUTION: Failure to use magnets to catch the metal shavings will allow the shavings to fall throughout the interior of the vehicle and on the top of the headliner.

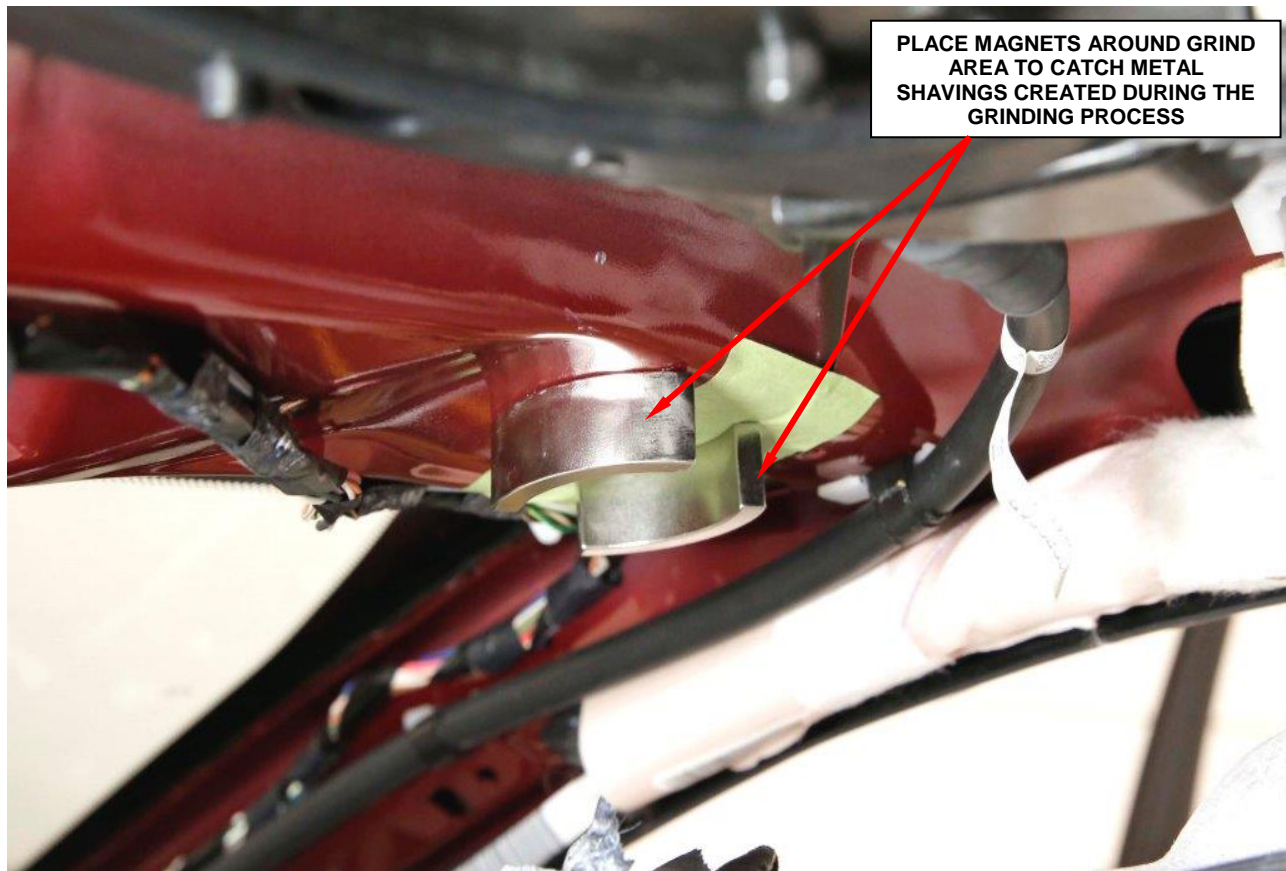


Figure 14 – Install Magnets to Catch Metal Shavings (right side shown)

Service Procedure (Continued)

37. Using the supplied carbide burr and a die grinder, grind a relief in the left visor hole opening (Figure 15).

WARNING: Wear safety glasses and protective gloves to prevent personal injury.

CAUTION: Do not grind beyond the scribe marks made in Steps 30 and 32.

38. Carefully remove the magnets and tape from the left visor hole.
39. Using 320 grit emery cloth, remove any burrs from the left visor hole.
40. Repeat Steps 37 through 40 for the right visor hole.

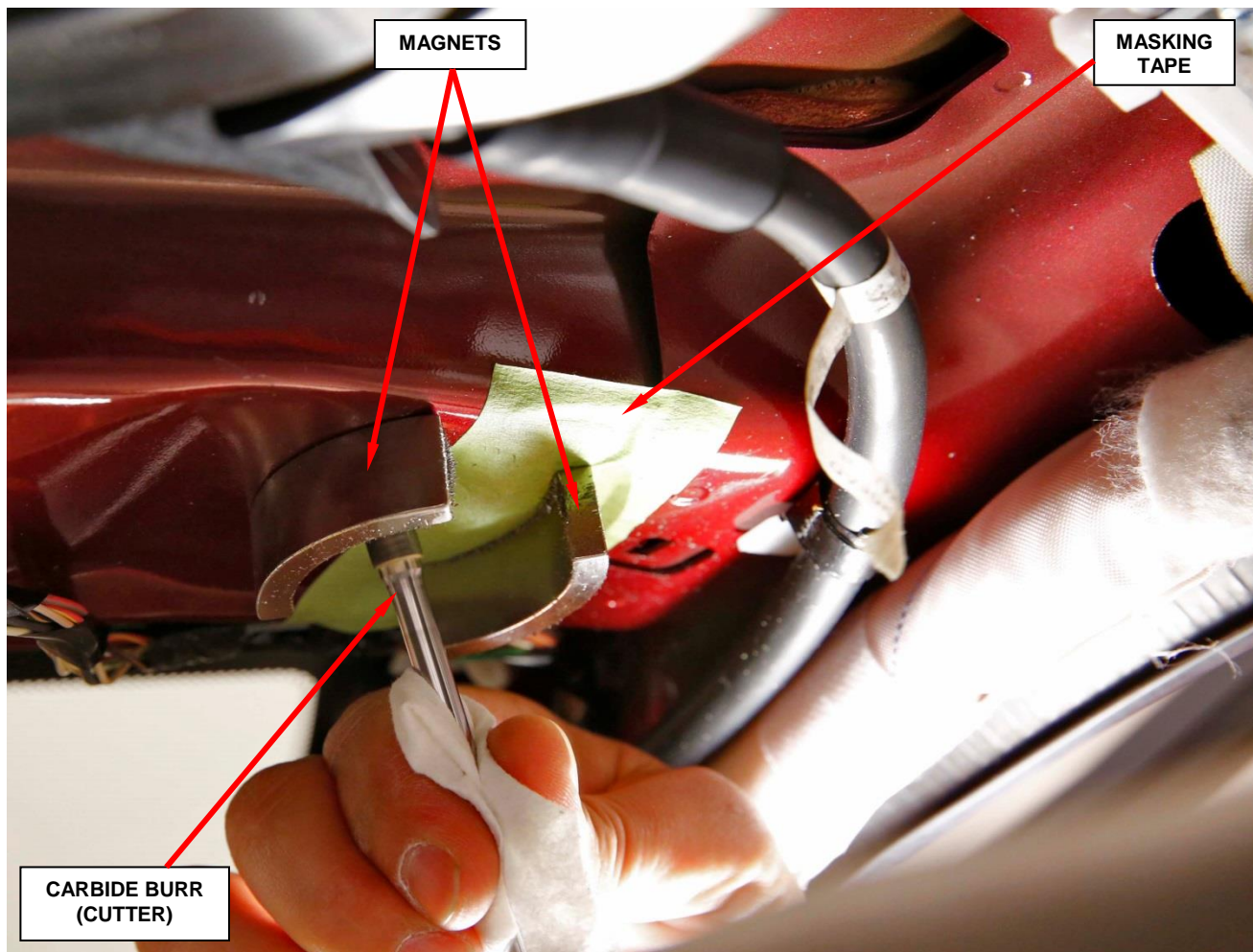


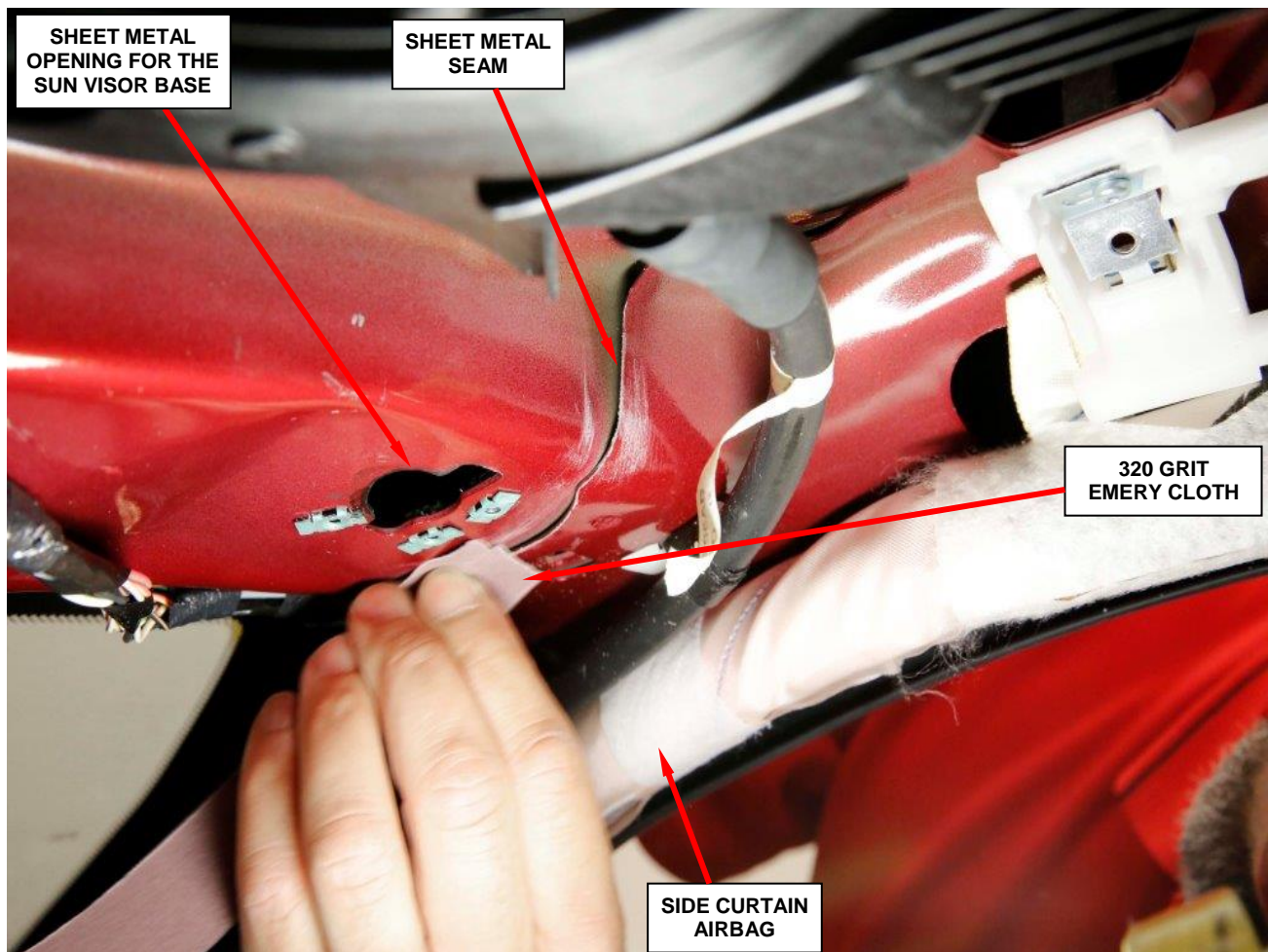
Figure 15 – Grind Away Sheet Metal Inside Scribe Mark (right side shown)

Service Procedure (Continued)

41. Apply primer with a brush to any bare metal at the right and left visor holes that was created by the grinding process.

CAUTION: Do not spray primer directly from the can onto the vehicle. Primer over-spray may damage interior surfaces. Spray product in a container and brush onto vehicle.

42. Using 320 grit emery cloth, dull the edge of the sheet metal seam on the right and left upper “A” pillar (Figure 16).



**Figure 16 – Dull Sheet Metal Seam Edge
(right side shown)**

Service Procedure (Continued)

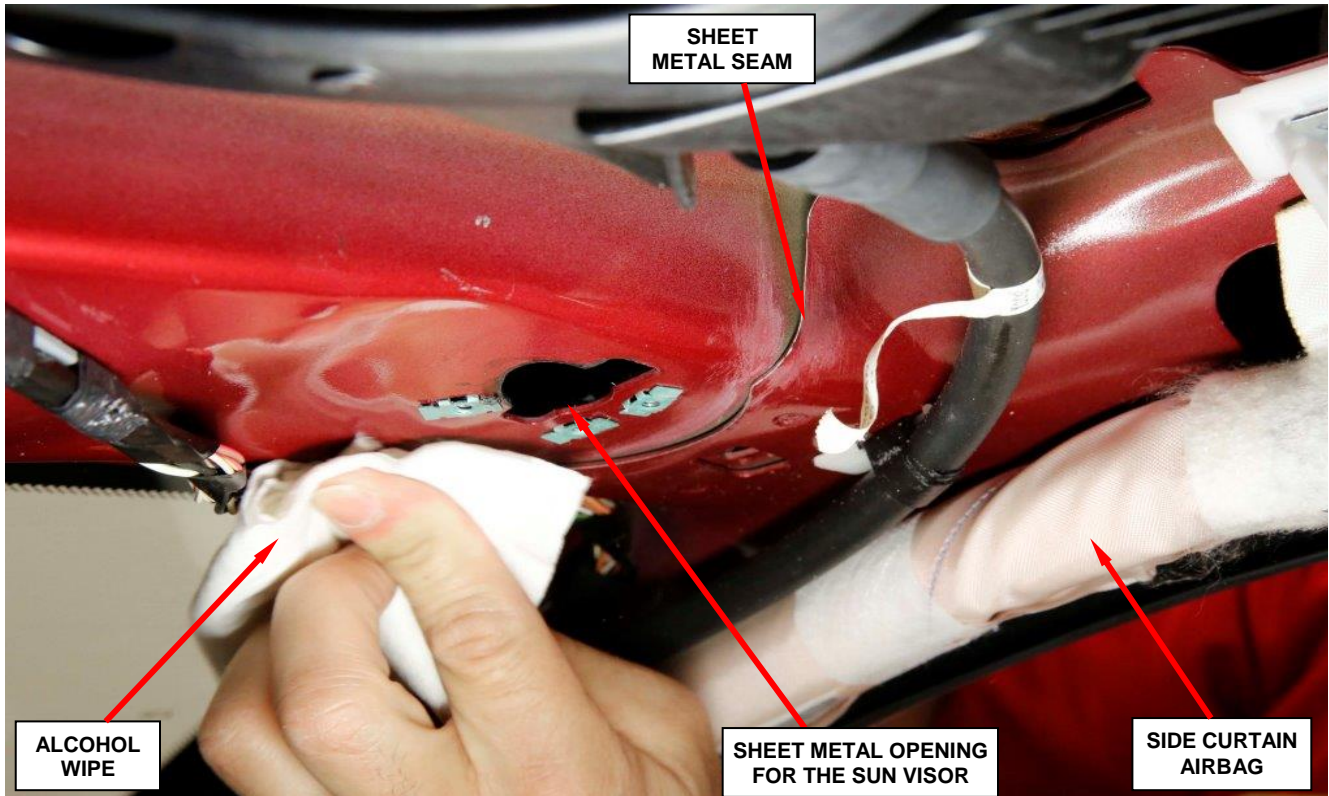


Figure 17 – Clean Seams with Alcohol Wipe (right side shown)

43. Clean the sheet metal edge with an alcohol wipe to remove any dust and/or debris (Figure 17).

44. Cut two pieces of cloth abrasion tape 5 inches (125 mm) long (Figure 18).

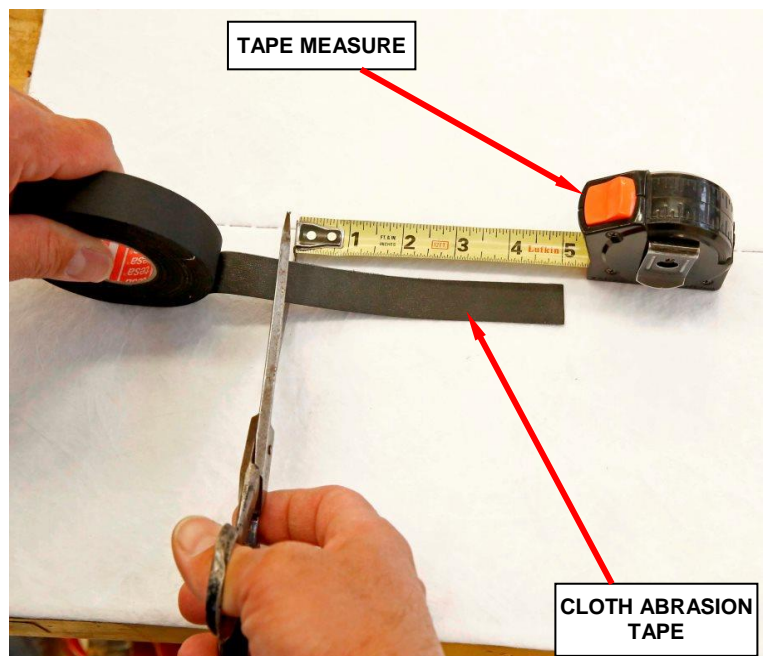


Figure 18 – Cut Two Piece of Cloth Abrasion Tape

Service Procedure (Continued)

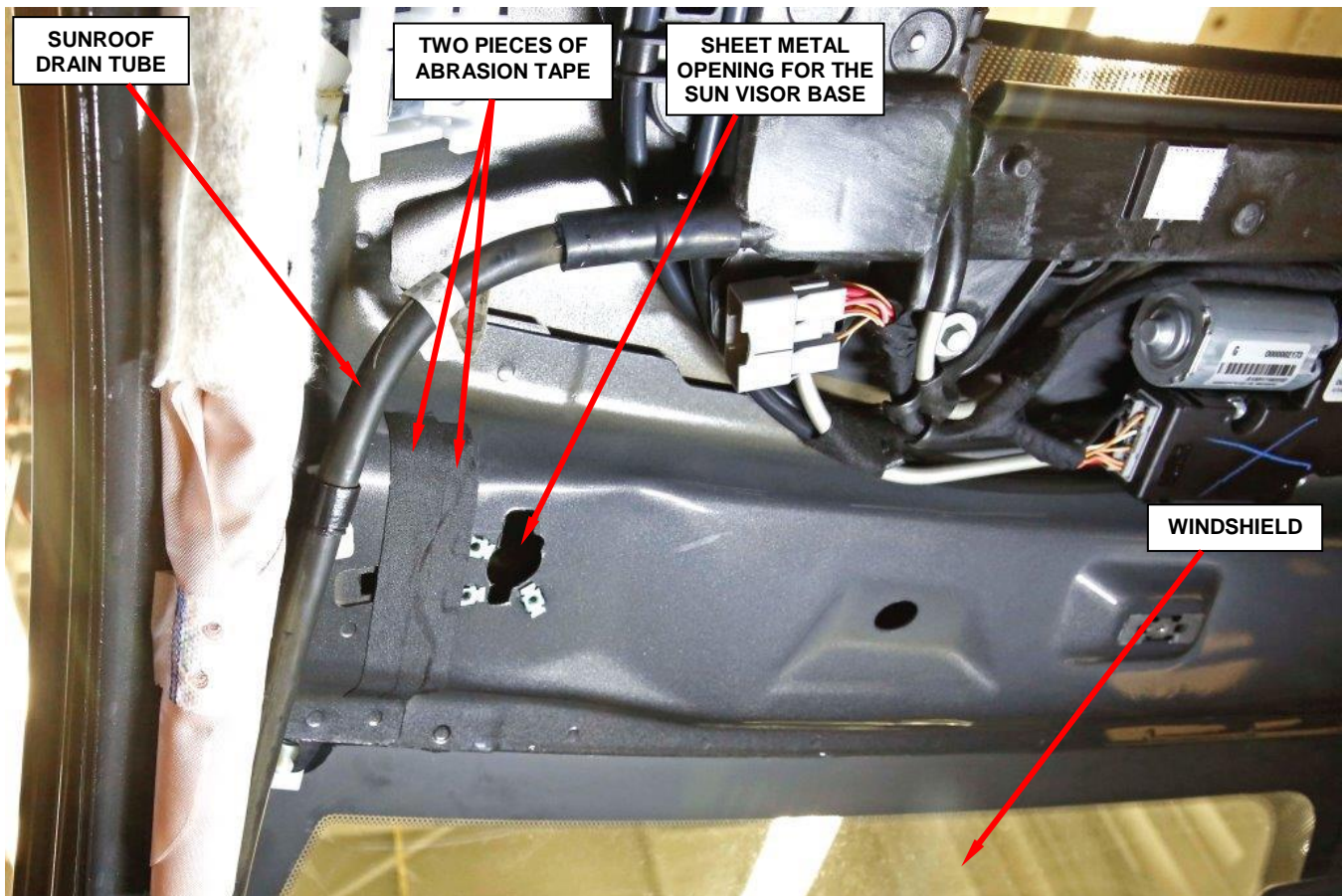


Figure 19 – Apply the Two 5 Inch Strips of Tape Over Sheet Metal Seam (left side shown)

45. Apply the two pieces of cloth abrasion tape over the sheet metal seam located at the top of the “A” pillar (Figure 19).

Service Procedure (Continued)

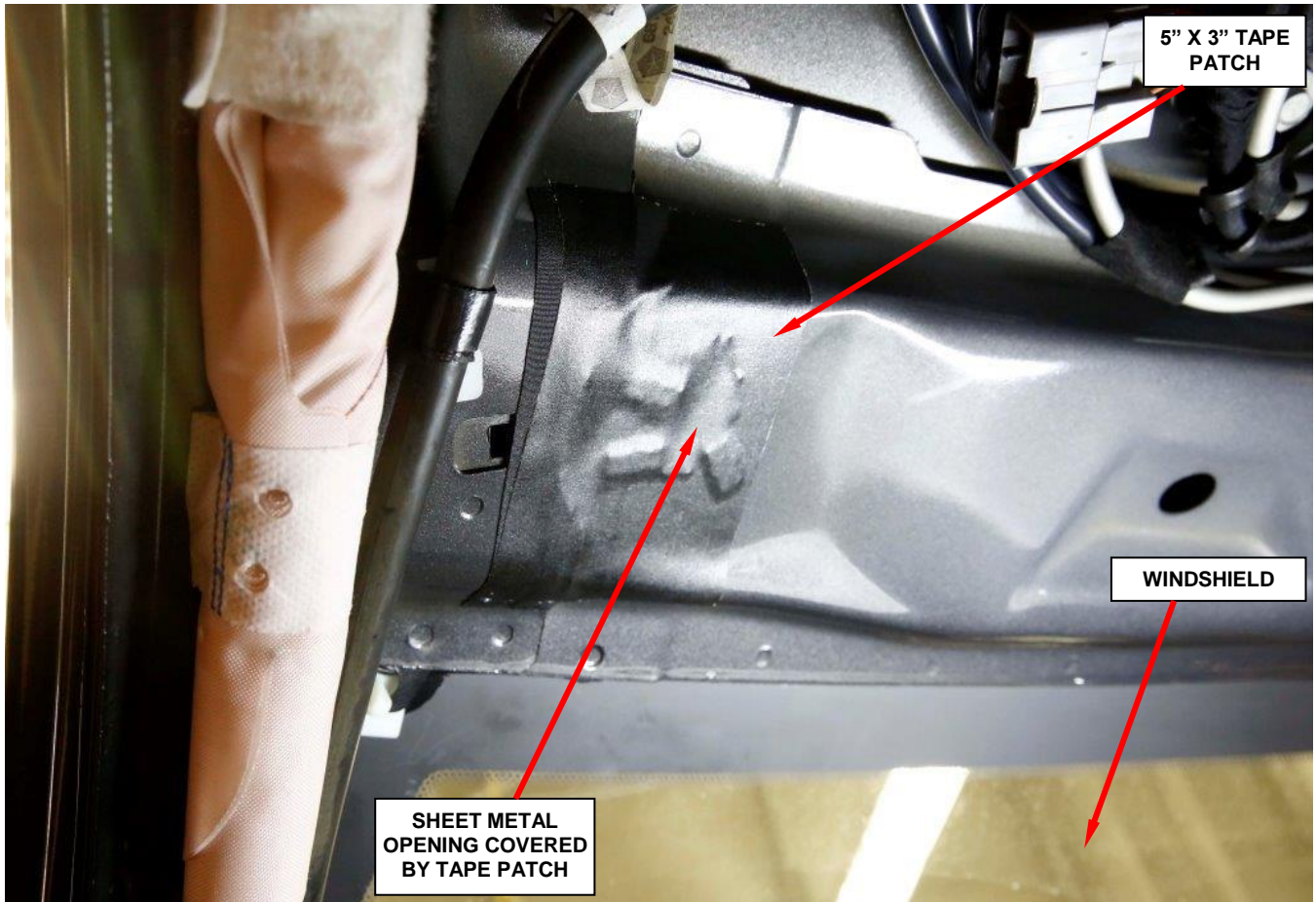


Figure 20 – Apply 5”x 3” Tape Patch over the Abrasion Tape (left side shown)

46. Apply one piece of (5”x 3”) tape patch over the tape applied in Step 46 (Figure 20).

47. Using a razor knife, cut an “X” in the tape where it spans the sheet metal opening for the sun visor base (Figure 21).

WARNING: Use extreme care when using a razor knife to prevent personal injury.

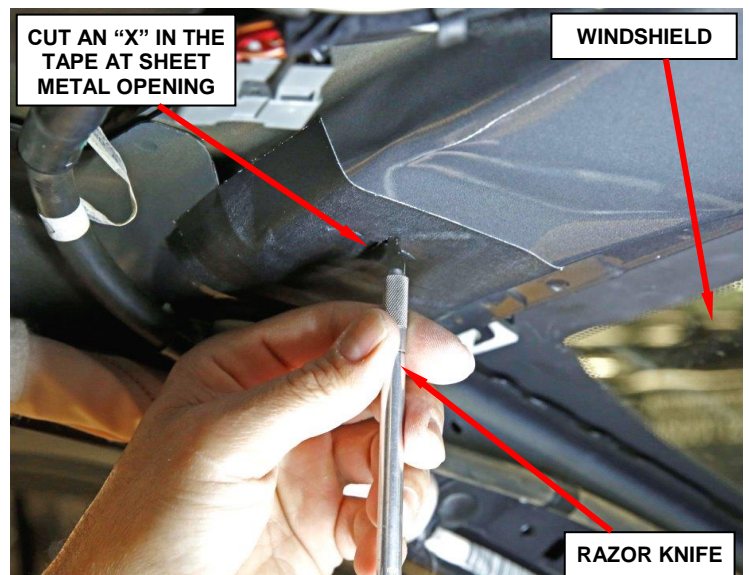
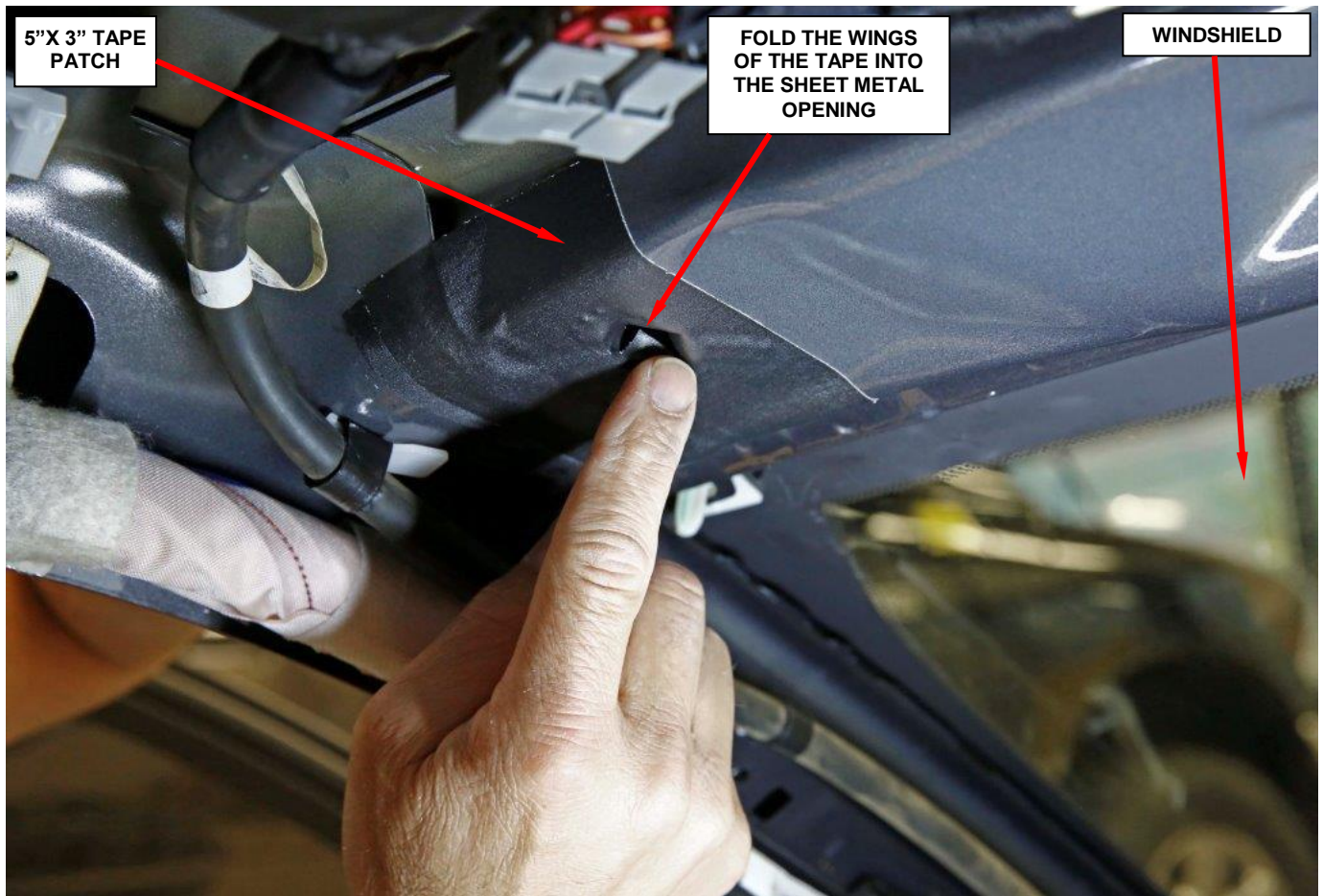


Figure 21 – Cut an “X” in the Tape (left side shown)

Service Procedure (Continued)



**Figure 22 – Fold Tape Wings into the Hole
(left side shown)**

48. Fold the wings of the tape into the sheet metal opening (Figure 22).

49. Repeat Steps 44 through 48 on the other sheet metal opening.

Service Procedure (Continued)

50. Apply two tape patches over the square holes in the center of the windshield roof beam (Figure 23).

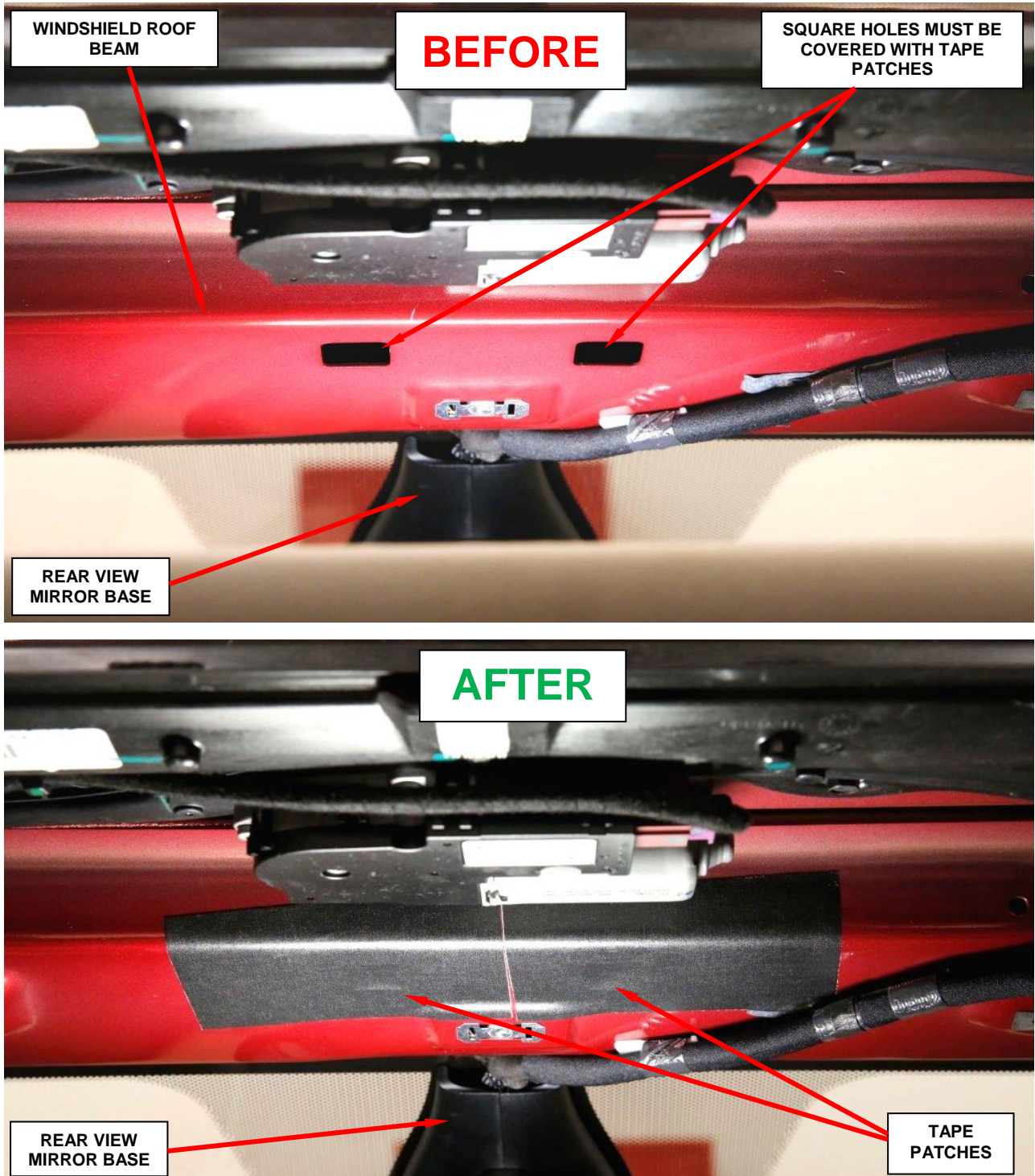


Figure 23 – Apply One Tape Patch Over Each Square Hole in the Windshield Roof Beam (vehicle with sunroof option shown)

Service Procedure (Continued)

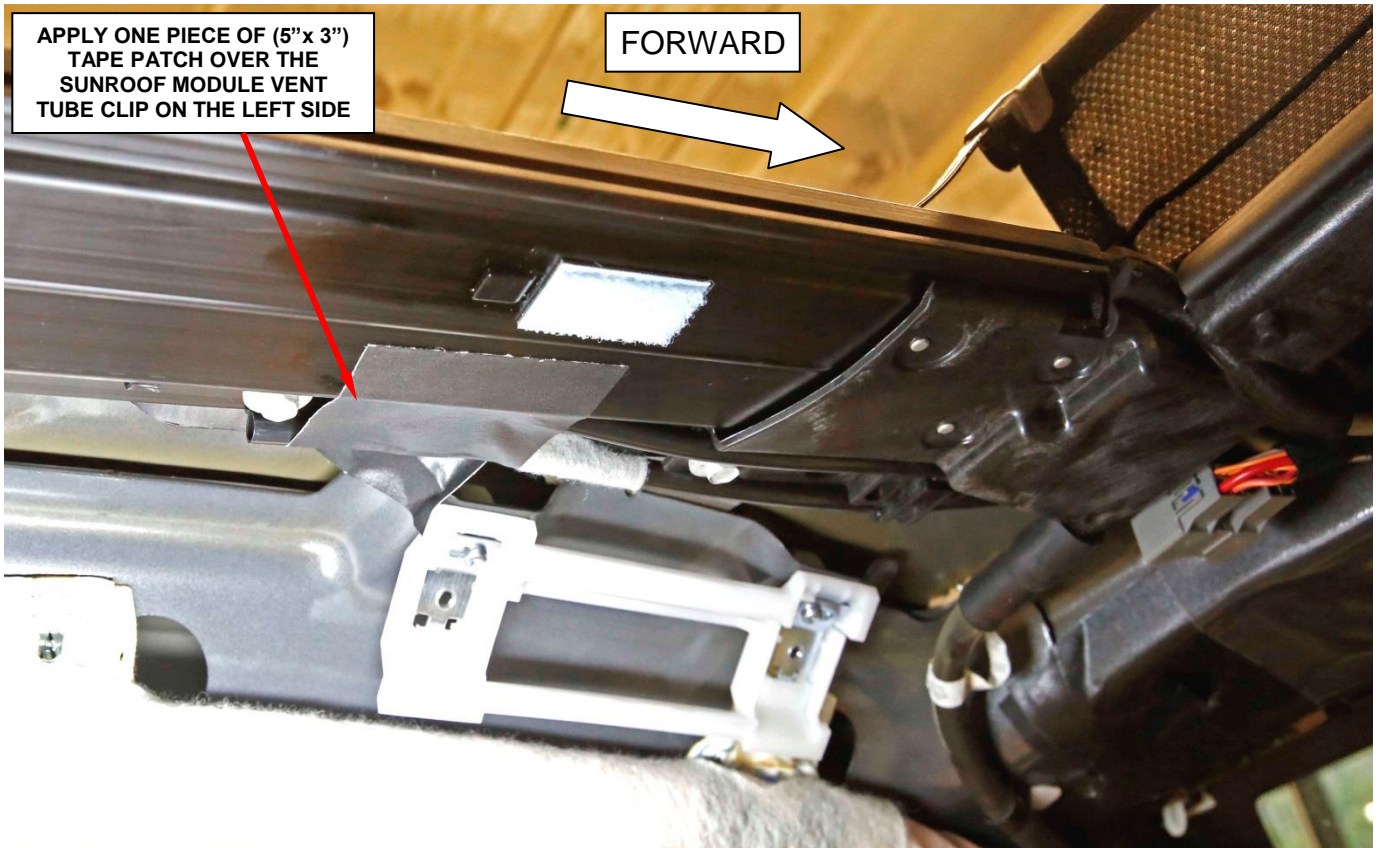


Figure 24 – Apply Tape Patch Over Sunroof Module Vent Tube Clip (Dual Pane Sunroof Left Side Only)

- 51. **For vehicles equipped with a Dual Pane Sunroof**, apply one piece of (5" x 3") tape patch over the sunroof module vent tube clip on the left side of the vehicle (Figure 24 and 25).

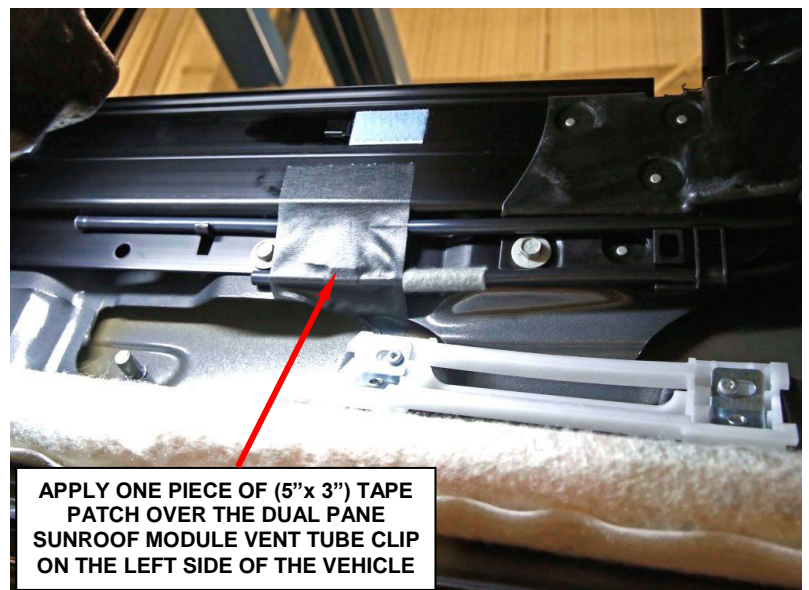
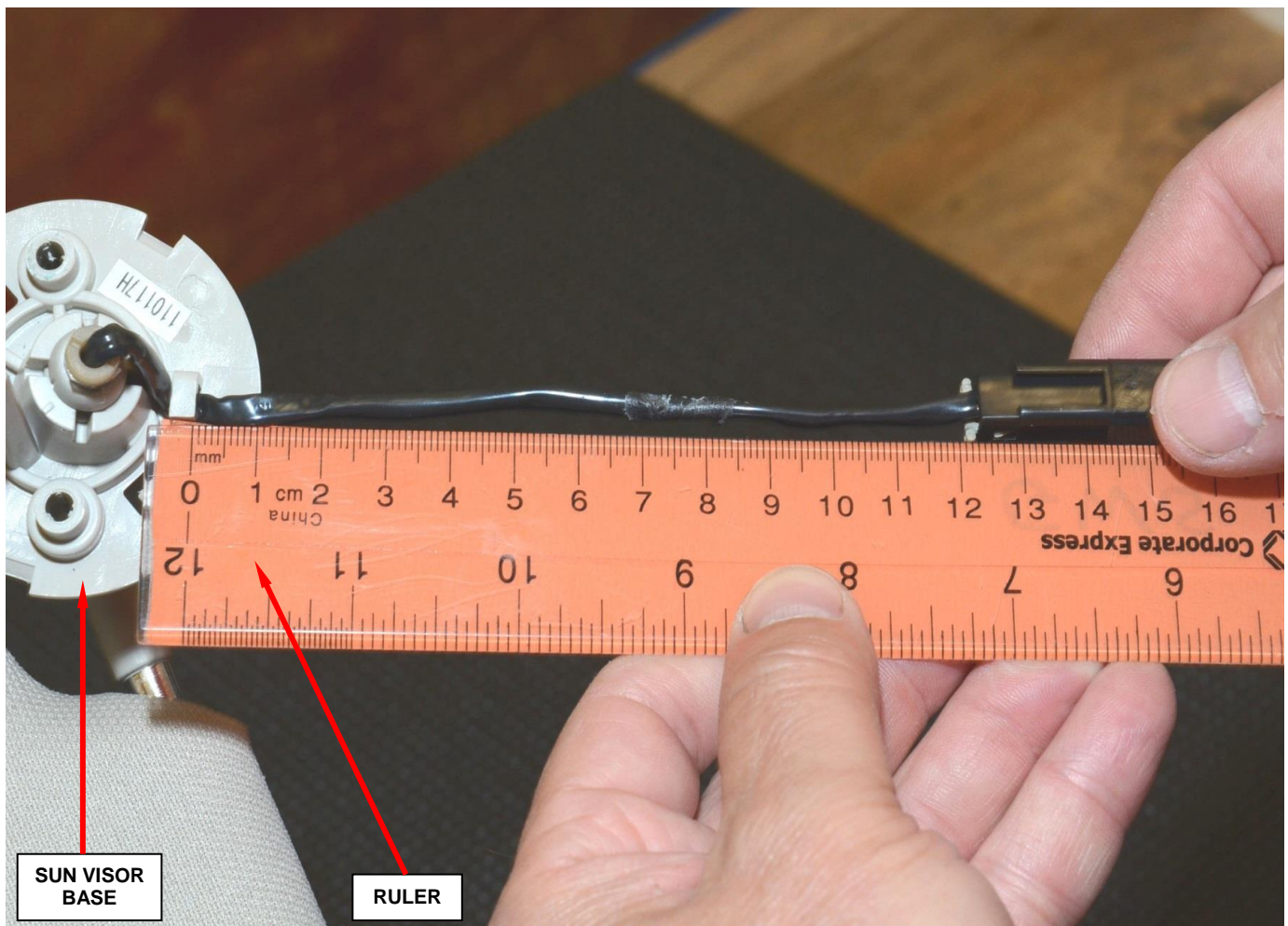


Figure 25 - Apply Tape Patch Over Sunroof Module Vent Tube Clip (Dual Pane Sunroof Only)

Service Procedure (Continued)**Figure 26 – Measure Wire Length**

52. Remove and discard the original right and left side sun visor wire guides.
53. Measure the length of the sun visor wire to determine the correct wire routing (Figure 26).

NOTE: The majority of the vehicles built before September 01, 2012 will have a 4 ³/₄ inch (120 mm) long sun visor wire. The majority of the vehicles built after September 01, 2012 will have a 2 ³/₄ inch (70 mm) long sun visor wire.

CAUTION: It is critical that the sun visor wire remains under the clip shown in Figure 27 when reinstalling the visor to prevent improper wire routing.

Service Procedure (Continued)

54. Install the new right and left side sun visor wire guides onto the back side of the headliner.

NOTE: The plastic wire guides are marked “R” for the right side and “L” for the left side (Figure 27).

55. Snap the right and left side sun visors into place on the headliner.

CAUTION: Be sure to route the sun visor wire in the wire groove on the plastic wire guide (Figure 27).

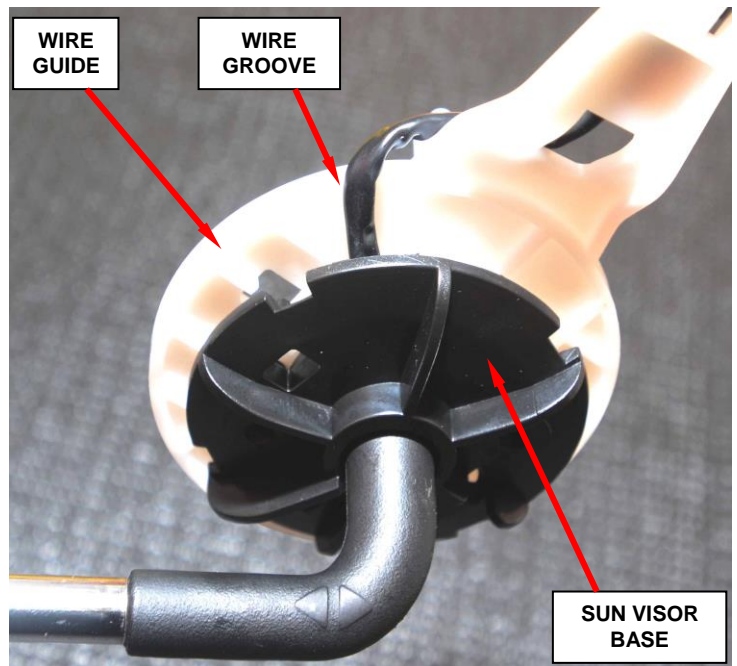


Figure 27 – Sun Visor Wire Routing
(Parts removed from vehicle for photographic purposes only)

CAUTION: It is critical that the sun visor wire remains under the clip shown in Figure 20 when reinstalling the visor to prevent improper wire routing.

56. Route the wire as shown in Figure 28 or 29 depending on the length of the sun visor wire. Then connect the sun visor wire harness electrical connector to the wire guide connector retainer.

NOTE: Figures 28 and 29 show the sun visor parts assembled without the headliner in place.

Service Procedure (Continued)

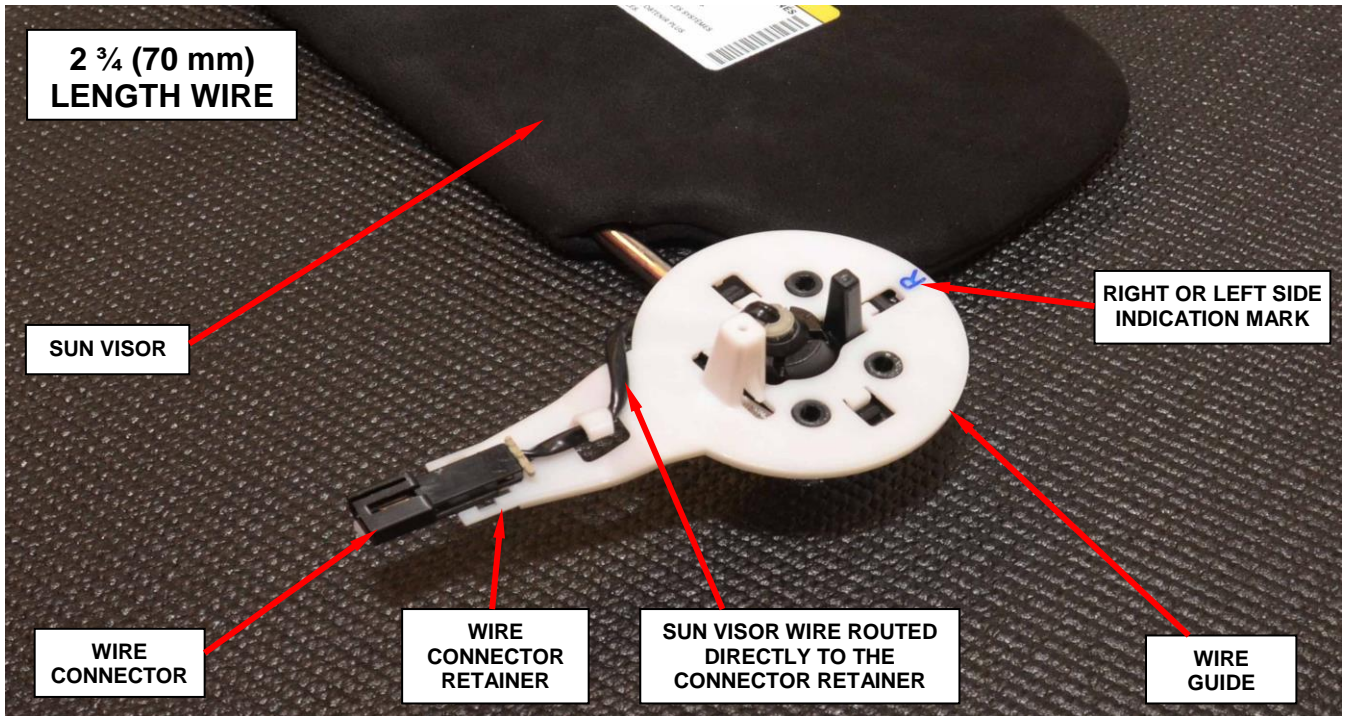


Figure 28 - Sun Visor Wire Routing (2 3/4 Inch / 70 mm Length Wire)
(Parts removed from vehicle for photographic purposes only)

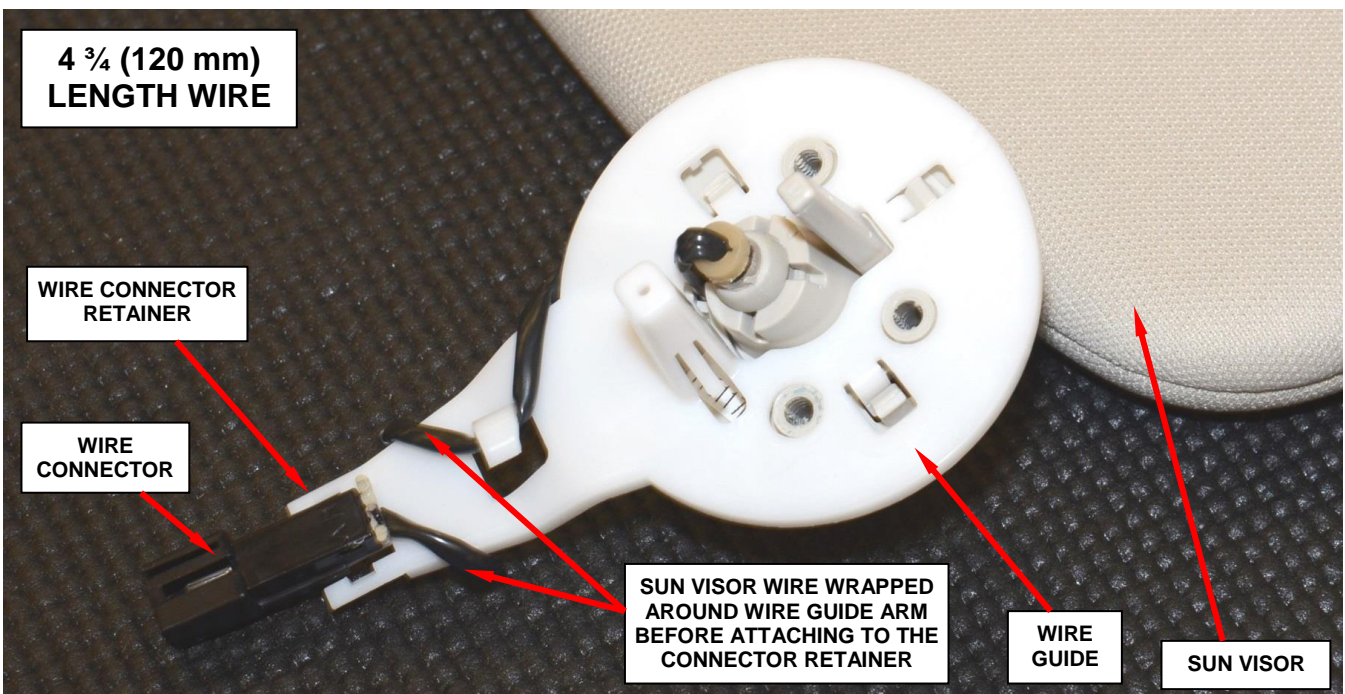


Figure 29 – Sun Visor Wire Routing (4 3/4 Inch / 120 mm Length Wire)
(Parts removed from vehicle for photographic purposes only)

Service Procedure (Continued)

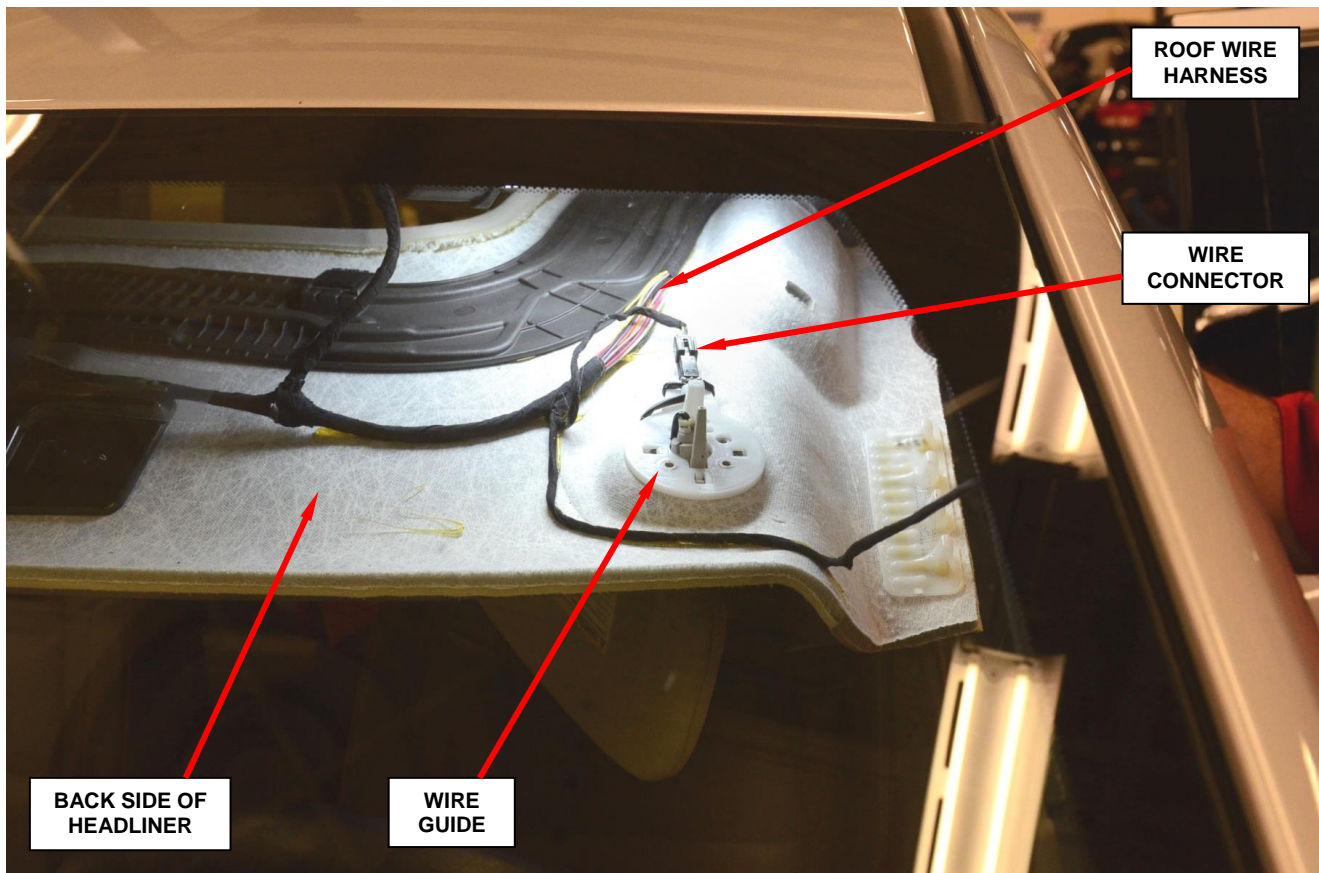


Figure 30 – Wire Guide Connector (viewed through windshield)

57. Connect the roof wire harness connector to the sun visor electrical connector (Figure 30).

Service Procedure (Continued)

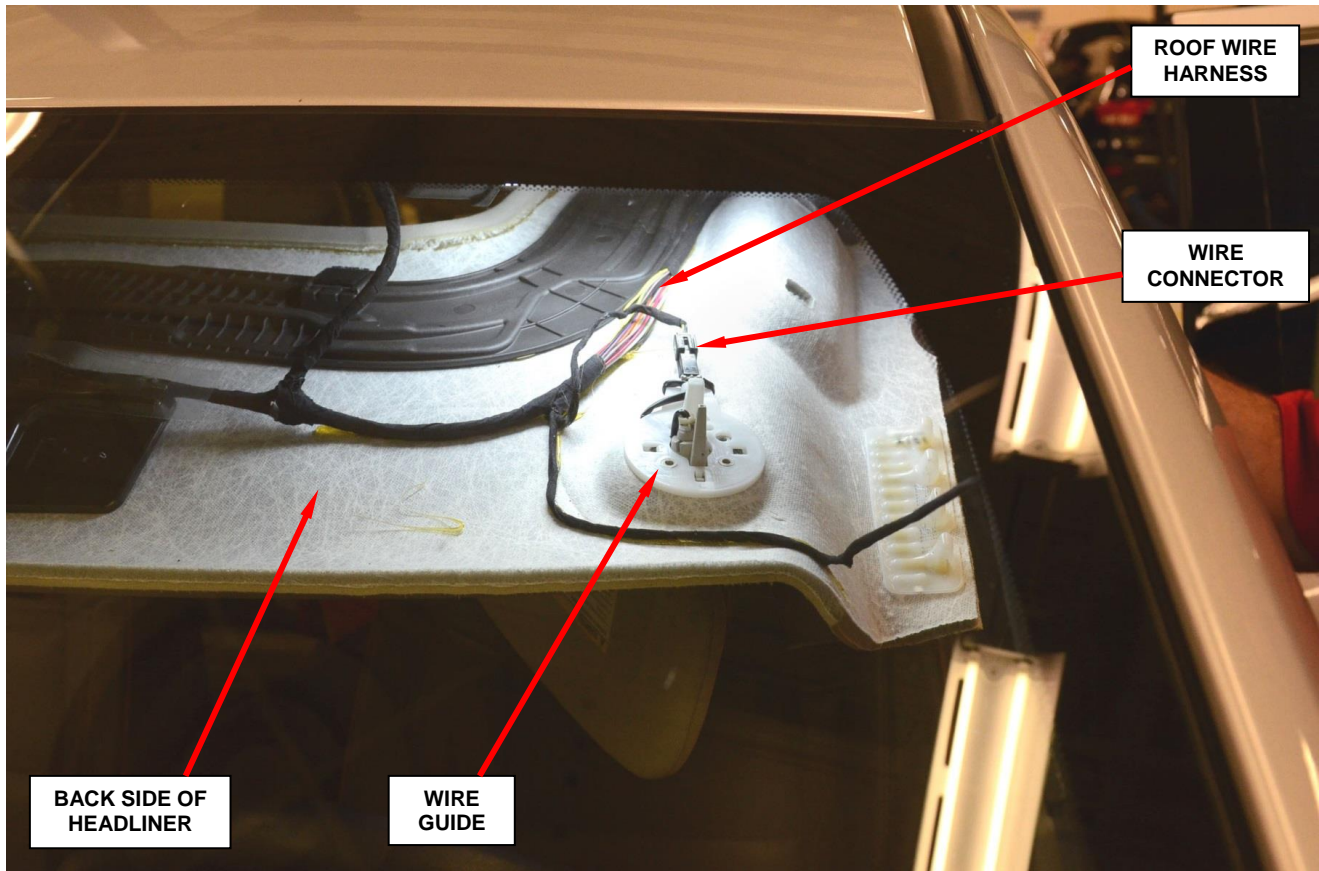


Figure 31 – Wire Guide Connector (viewed through windshield)

58. Connect the roof wire harness connector to the sun visor electrical connector (Figure 31).

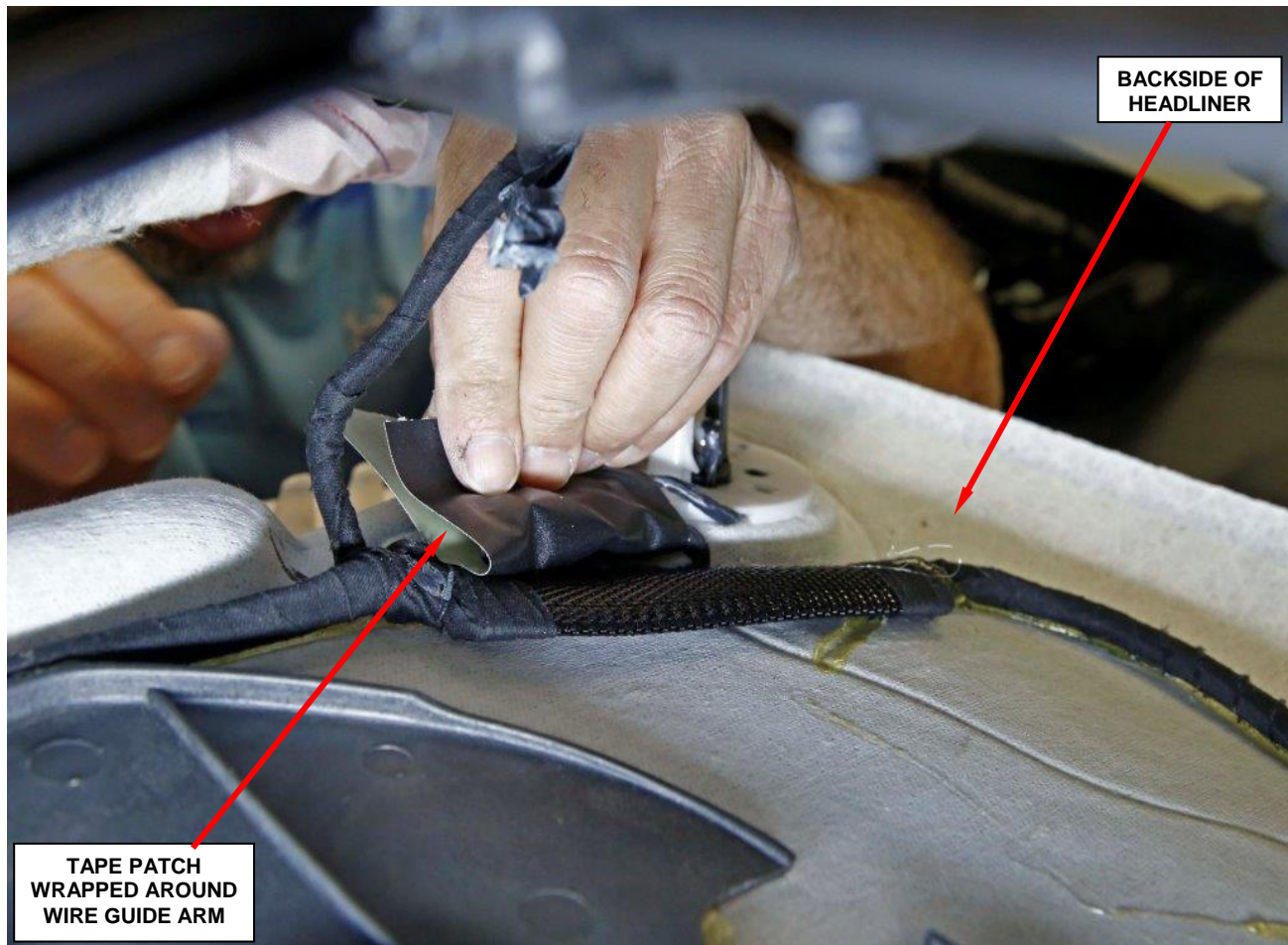
Service Procedure (Continued)

Figure 32 – Wrap Tape Patch Around the Right and Left Wire Guide Arms

59. Apply a piece of (5" x 3") tape patch around the right and left side wire guide arm as shown in Figure 32.
60. Carefully lift the headliner into position and snap the wire guides into the roof structure.
61. Install the right and left side sun visor anchors (Figure 8).
62. **For vehicles equipped with a dual pane sunroof**, remove and save right and left headliner opening supports (Special Tool 2021400230).
63. Install the three sun visor retaining screws for the right and left side sun visors (Figure 8).

CAUTION: Do not use power tools to install the three sun visor retaining screws. Use only hand tools when installing the three sun visor retaining screws. Pay close attention during sun visor retaining screw installation to prevent accidentally driving a screw through the sun visor wire harness.

Service Procedure (Continued)

64. Install the right and left side sun visor screw covers.
65. Install the headliner retaining screw (Figure 10).
66. Install the front overhead console as an assembly (Figure 9).
67. **For vehicles equipped with rear overhead DVD console**, install the rear overhead DVD console.
68. Install the right and left side front overhead grab handles (Figure 4).
69. Install the right and left side “A” pillar covers (Figure 3).
CAUTION: Be sure to connect the tether to the “A” pillar cover.
70. Install the right and left side front door weather seals (Figure 1).
71. Install the right and left side front door opening sill plates.
72. Connect the negative battery cable to the battery (Figure 2).
73. Move both front seats to the full forward position.
74. Install the right and left side upper and lower “B” pillar trim panels (Figure 5).
75. Install the right and left side rear overhead grab handles (Figure 6).
76. Install the right and left side rear door weather seals (Figure 5).
77. Install the right and left side rear door opening sill plates.
78. Using a suitable interior cleaner, clean the “A” and “B” pillar panels as required.
79. Connect the wiTECH scan tool and clear all Diagnostic Trouble Codes (DTC’s).
80. Disconnect the wiTECH scan tool from the vehicle.
81. Return the vehicle to the customer.

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 FCA to record recall service completions and provide dealer payments.

Use the following labor operation number and time allowance:

	Labor Operation Number	Time Allowance
Replace right and left sun visor wire guide and grind body opening	08-P3-61-83	2.2 hours

Related Operation

Repair one wire	08-P3-61-50	0.1 hours
Repair two to four wires	08-P3-61-51	0.2 hours

Optional Equipment

Dual pane sunroof	08-P3-61-60	0.2 hours
Rear Overhead DVD Console	08-P3-61-61	0.2 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 FCA 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
FCA US LLC

IMPORTANT SAFETY RECALL**P36 / NHTSA 14V-391**

This notice applies to your vehicle (VIN: xxxxxxxxxxxxxxxxxxxx).

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

Dear: (Name)

Chrysler has decided that a defect, which relates to motor vehicle safety, exists in certain **2011 through 2014 model year Dodge Durango and Jeep® Grand Cherokee vehicles.**

The problem is... The sun visor vanity lamp wiring on your vehicle may experience a high resistance short after a service repair to the sun visor, headliner or while gaining access above the headliner. This may result in an inoperative vanity lamp and increase risk of fire.

What your dealer will do... Chrysler will repair your vehicle free of charge (parts and labor). To do this, your dealer will inspect all involved vehicles to find those that may have had an improper service procedure. Any damaged sun visor wiring found during the inspection will be repaired. Also, sun visor wiring spacers will be installed on all vehicles to reroute sun visor wiring to prevent wiring damage during any future service procedures. The work will take about 1.6 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 after September 15, 2014 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
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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

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