



CHRYSLER

March 2012

Dealer Service Instructions for:

Safety Recall M01 / NHTSA 12V-042

Headlamp & ABS/ESC Wiring

Effective immediately all repairs on involved vehicles are to be performed according to this notification. Service Bulletin 08-001-12 and 08-047-11 are no longer applicable for the involved vehicles only.

Models

2011 – 2012 (LD) Dodge Charger

NOTE: This recall applies only to the above vehicles equipped with Police Group (sales code AHB) built from July 26, 2010 through December 20, 2011 (MDH 072618 through 122023).

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 headlamp wiring harness connectors on about 9,100 of the above vehicles may overheat. This could cause a loss of low beam headlamp function without warning. A loss of headlamps during nighttime driving could cause a crash without warning.

These vehicles may also experience a loss of Antilock Brake System (ABS) and/or Electronic Stability Control (ESC) as a result of an overheated Power Distribution Center (PDC) bus bar. A loss of ABS/ESC under certain driving conditions could cause a crash without warning.

Also, the front exterior door handles may cause intermittent operation of the passive entry feature. All 2011 model year vehicles must have the front exterior door handles replaced. This repair is required to improve the quality of the door handles and is not a result of a safety defect.

Repair

All vehicles must have the headlamp harnesses inspected and replaced if necessary.

The ABS/ESC fuse type must also be inspected. Vehicles that do not pass inspection must have the ABS/ESC fuse relocated and the fuse type upgraded.

All 2011 model year vehicles must have the front exterior door handles replaced.

Parts Information

<u>Part Number</u>	<u>Description</u>
CBBAM011AA	Headlight Wiring Harness Package

Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
2	Harness, Headlamp Wiring

<u>Part Number</u>	<u>Description</u>
68183960AA	ABS/ESC Wiring Harness Package

Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
1	Harness, Wire
1	Fuse, 25 Amp
1	Band, Splice
1	Lock, Terminal
1	Tube, Black Shrink
1	Tube, Clear Shrink
1	Label

<u>Part Number</u>	<u>Description</u>
L0000H11	Bulb, Halogen H11 Low Beam Headlamp

Parts Information (Continued)

<u>Part Number</u>	<u>Description</u>
CBAAM017AA	Exterior Door Handle Package Brilliant Black (paint code PXR) + (sales code MNK)
CBAAM01BAA	Exterior Door Handle Package Black Clear Coat (paint code PX8) + (sales code MNK)
CBAAM019AA	Exterior Door Handle Package Tungsten Mineral Grey Metallic (paint code PDM) + (sales code MNK)
CBAAM016AA	Exterior Door Handle Package Bright White Clear Coat (paint code PW7) + (sales code MNK)
CBAAM014AA	Exterior Door Handle Package Blackberry (paint code PBV) + (sales code MNK)
CBAAM01AAA	Exterior Door Handle Package Mango Tango / Toxic Orange (paint code PVG) + (sales code MNK)
CBAAM01CAA	Exterior Door Handle Package Redline Red Tri-Color (paint code PRY) + (sales code MNK)
CBAAM013AA	Exterior Door Handle Package Billet Silver Metallic (paint code PSC) + (sales code MNK)
CBAAM015AA	Exterior Door Handle Package Bright Silver Metallic (paint code PS2)
CBAAM018AA	Exterior Door Handle Package (Satin Black) Sheriff's Tan (paint code P76) Electric Blue (paint code PB5) Midnight Blue (paint code PB8) White Gold (paint code PWL) MS Blue (paint code P79)

Each package contains the following components:

<u>Quantity</u>	<u>Description</u>
1	Exterior Door Handle (right side)
1	Exterior Door Handle (left side)

Each dealer, to whom vehicles in the notification were assigned, will receive enough Door Handle Packages to service about 20% of those vehicles.

Special Tools

The following special tools are required to perform this repair:

- | | |
|----------|------------------------|
| ➤ NPN | wiTECH VCI Pod Kit |
| ➤ NPN | Laptop Computer |
| ➤ NPN | wiTECH Software |
| ➤ 10042* | Wire splice crimp tool |

*** NOTE: One wire splice crimp tool was mailed to each Chrysler/Jeep/Dodge dealer free of charge in June, 2007.**

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 the Right and Left Headlamp Harness**

1. Open the hood.
2. Remove and save the air cleaner housing.
3. Remove and save the headlamp low beam bulb access covers from the right and left headlamp housing.
4. Turn the low beam headlamp bulb ¼ turn counterclockwise and remove the headlamp assembly from the right and left headlamp housing.

CAUTION: Do not touch the glass section of the headlamp bulb.

5. Disconnect the headlamp wiring harness from the headlamp bulb:
 - If both the right and left side weather seal on the headlamp wiring harness connectors are red, no further action is required. Assemble the headlamp assemblies and continue with **Section C. Inspect and/or Relocate Antilock Brake System (ABS)/Electronic Stability Control (ESC) Fuse.**
 - If the right and/or left weather seal is black, the headlamp wiring harnesses must be replaced. Continue with **Section B. Replace Headlamp Wiring Harness.**



Figure 1 – Inspect the Headlamp Wiring Harness Connector Seal

Service Procedure (Continued)**B. Replace Headlamp Wiring Harness**

NOTE: All pictures were taken with the headlamp assembly removed from the vehicle for clarity purposes only. **DO NOT REMOVE THE HEADLAMP ASSEMBLIES FROM THE VEHICLE.**

1. Open the trunk and disconnect the negative battery cable at the battery.
2. Open the hood.
3. Remove and save the high beam bulb access cover.
4. Disconnect the 4-way headlamp wiring harness connector from the body wiring harness (Figure 2).

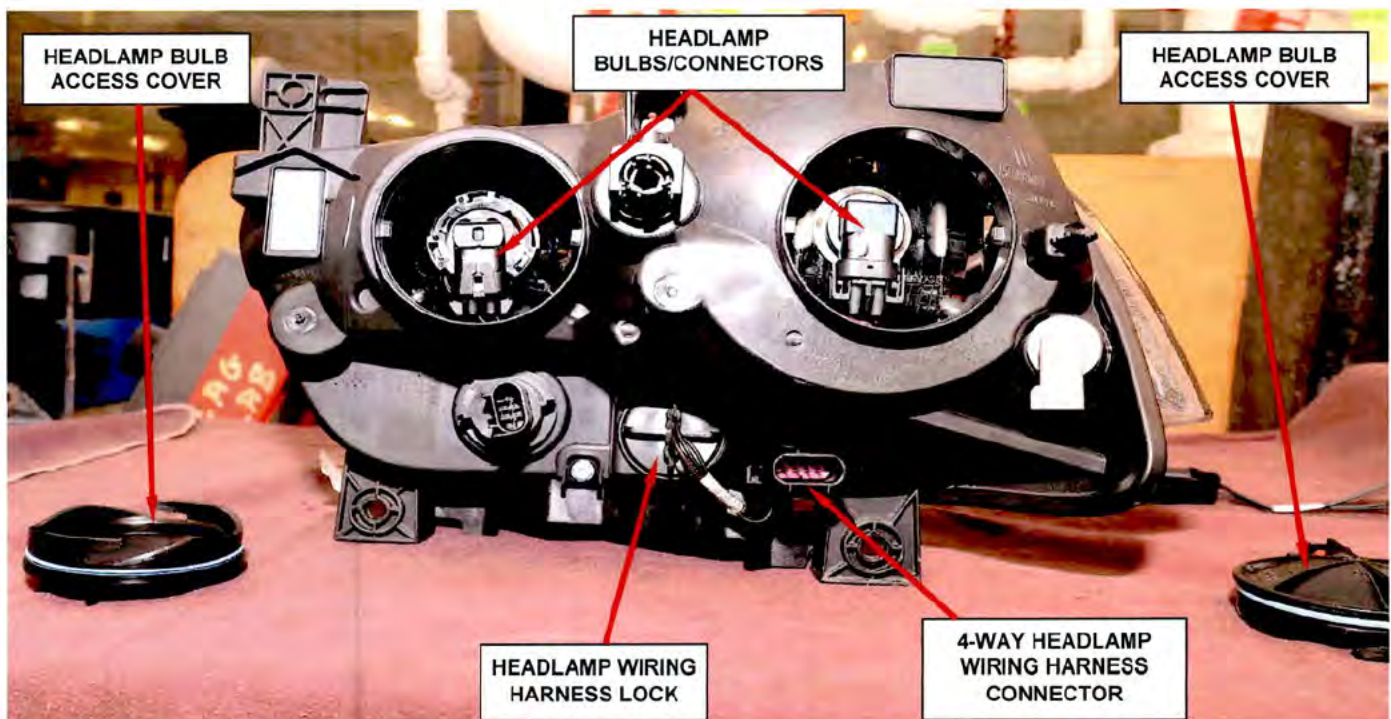


Figure 2 – Headlamp Assembly Bulb Access Covers

Service Procedure (Continued)

5. Using two 24 inch long pieces of mechanic's wire (or equivalent), connect one end of the mechanic's wire to each of the headlamp bulb connectors (Figure 3).
6. Unclip the 4-way headlamp wiring harness connector from the back of the headlamp housing (Figure 3).
7. Disengage the headlamp wiring harness lock on the headlamp housing by turning it $\frac{1}{4}$ turn counterclockwise (Figure 3).

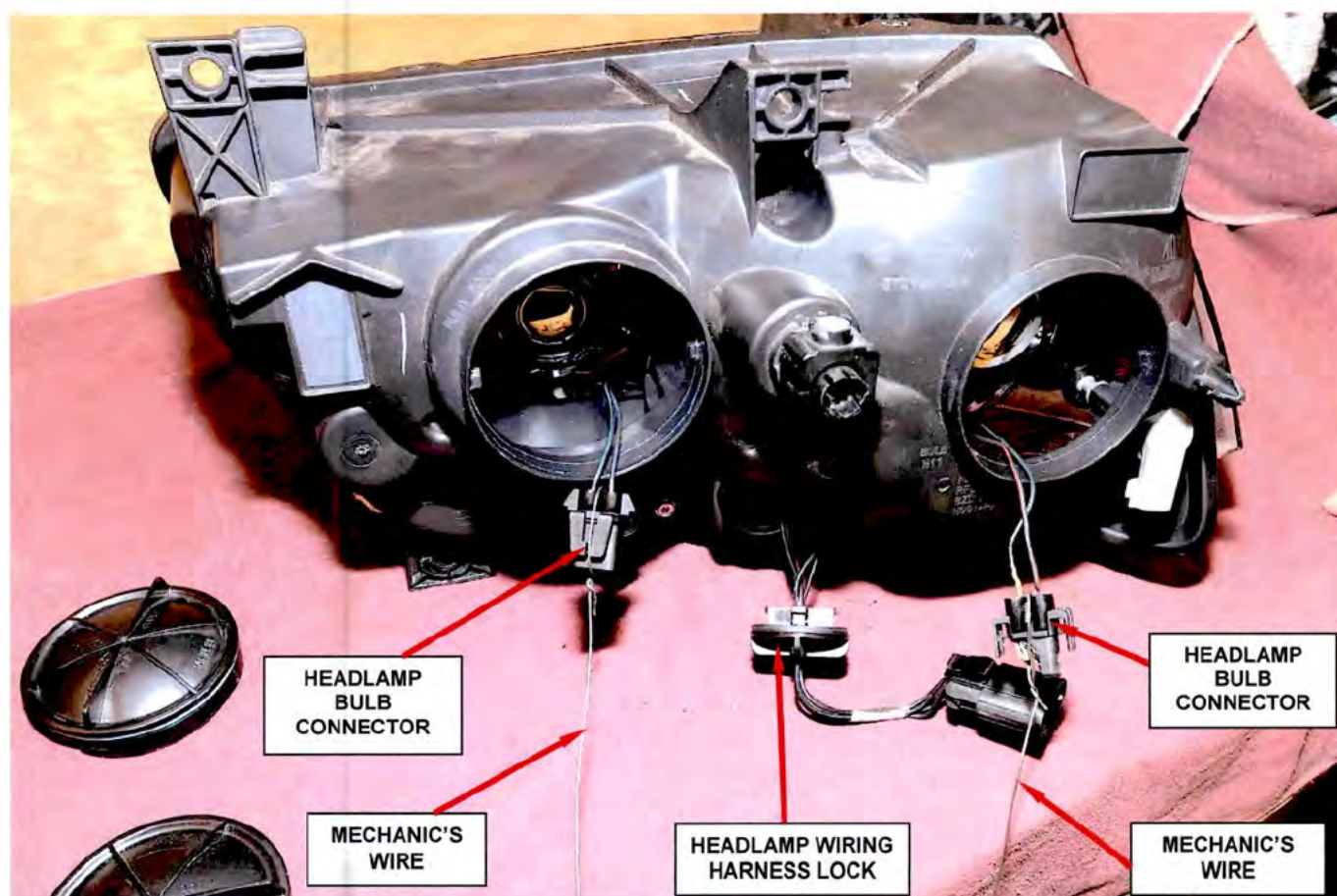


Figure 3 – Attach Mechanic's Wire to Headlamp Bulb Connectors

Service Procedure (Continued)

8. Carefully guide the headlamp bulb wiring harnesses out of the headlamp housing with the mechanic's wire attached (Figure 4).
9. Disconnect the mechanic's wire from the original headlamp bulb connectors.
10. Discard the original headlamp wiring harness.
11. Connect the new headlamp wiring harness to the mechanic's wire.

NOTE: The connector with the red connector seal is for the low beam bulb.

12. Using the mechanic's wire, pull the new headlamp wiring harness into position inside the headlamp housing (Figure 4).
13. Disconnect and save the mechanic's wire from each headlamp bulb connector.

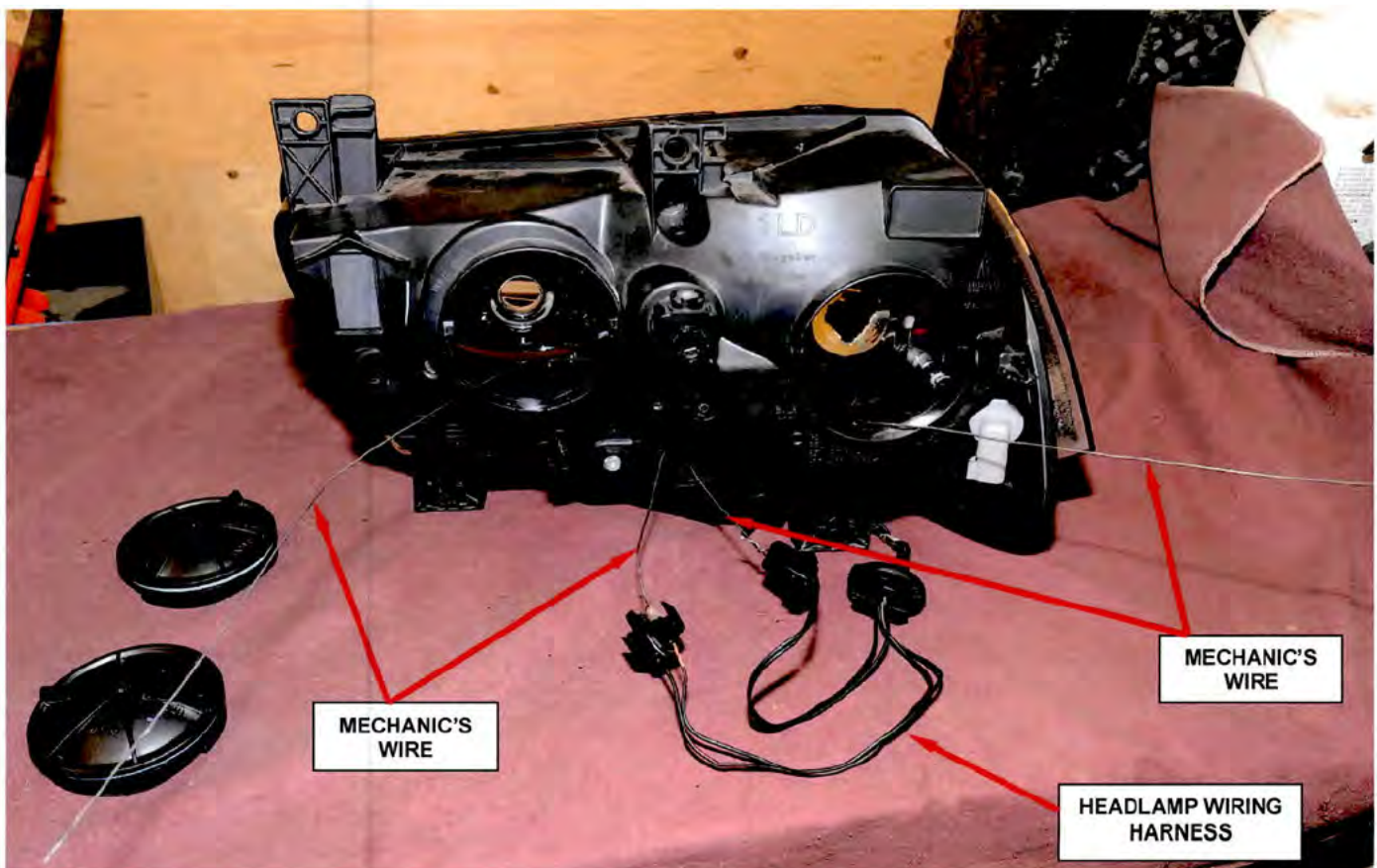


Figure 4 – Remove Original Headlamp Wiring Harness from Headlamp Assembly

Service Procedure (Continued)

14. Inspect both low beam headlamp bulbs for damage. Replace low beam headlamp bulb(s) if damage or corrosion is found.
15. Install the headlamp bulbs into the headlamp bulb connectors. Then install the headlamp bulb connectors into the headlamp housing.
16. Engage the headlamp wiring harness lock into the headlamp housing (Figure 5).
17. Clip the 4-way headlamp wiring harness connector to the headlamp housing (Figure 6).
18. Install the headlamp bulb access covers.
19. Connect the 4-way headlamp wiring harness connector to the body wiring harness.
20. Repeat Steps 3 through 18 on the other headlamp assembly.
21. Install the air cleaner housing.
22. Continue with **Section C – Inspect and/or Relocate Antilock Brake System (ABS)/Electronic Stability Control (ESC) Fuse**.

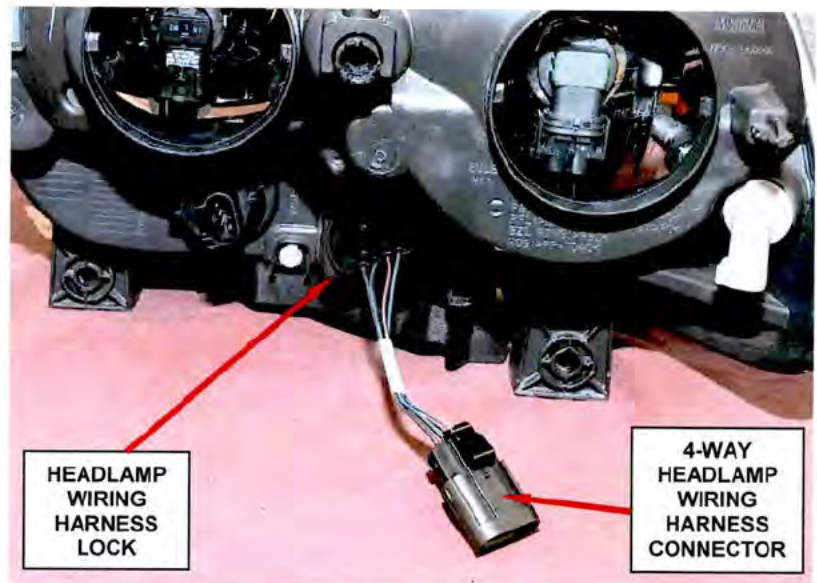


Figure 5 – Headlamp Wiring Harness Lock

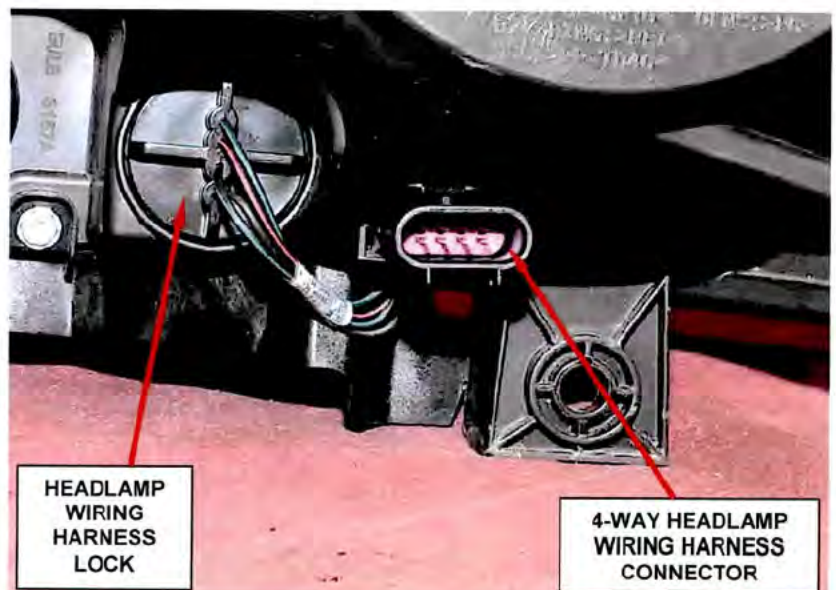


Figure 6 – Clip Headlamp Wiring Harness into Position

Service Procedure (Continued)**C. Inspect and/or Relocate Antilock Brake System (ABS)/Electronic Stability Control (ESC) Fuse**

1. Remove the Power Distribution Center (PDC) cover.
2. Check for the presence of a 25 amp cartridge fuse (Figure 7) in PDC location number 6:

- If PDC location number 6 **has** a 25 amp cartridge fuse, a **fuse upgrade is not required**. Install the PDC cover and continue with:

For 2011 models, Section D. Replace Exterior Front Door Handles.

For 2012 models, No further action is required. Return the vehicle to the customer.

- If PDC location number 6 **does not have** a 25 amp cartridge fuse, a **fuse upgrade is required**. Continue with Step 3 of this procedure.

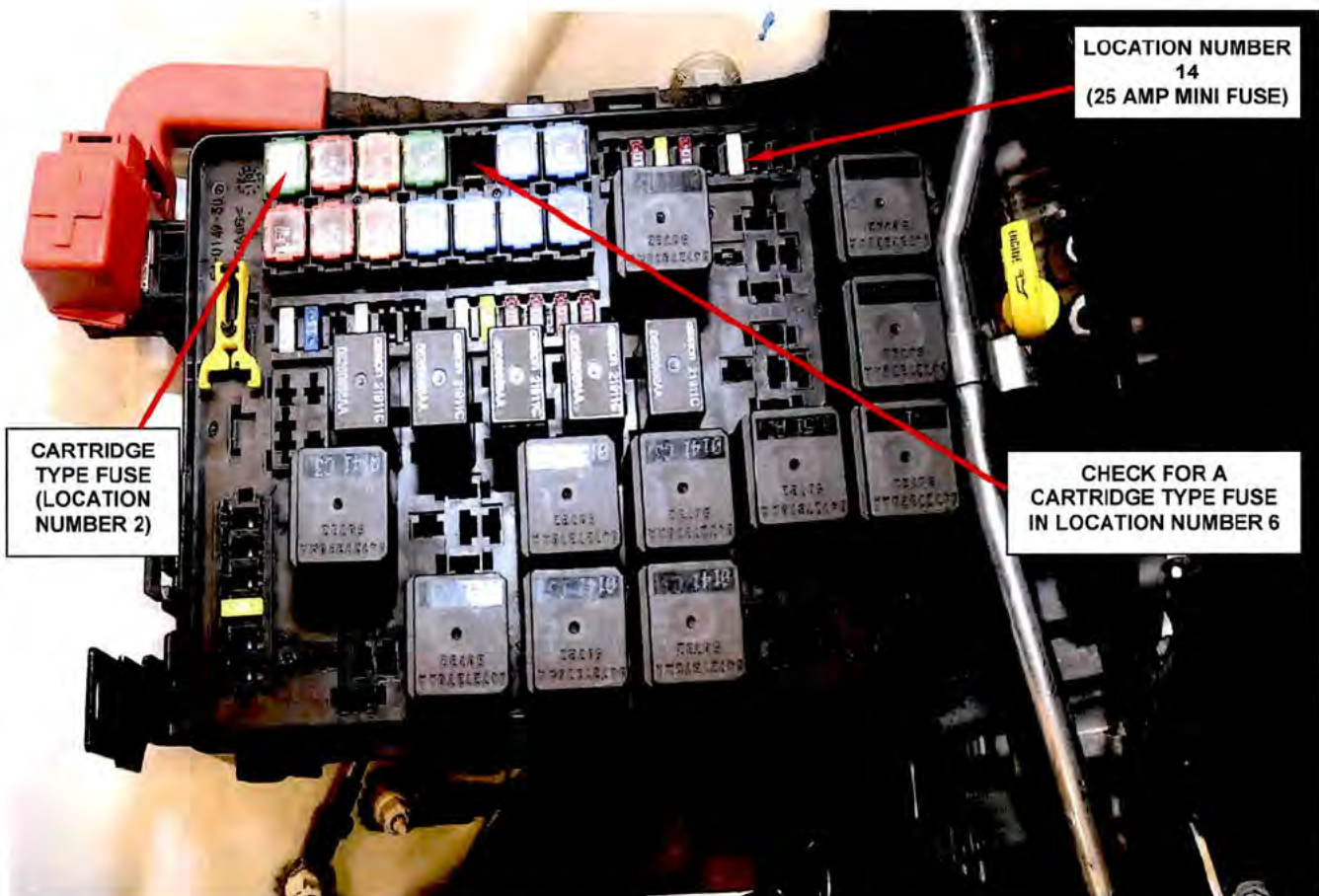
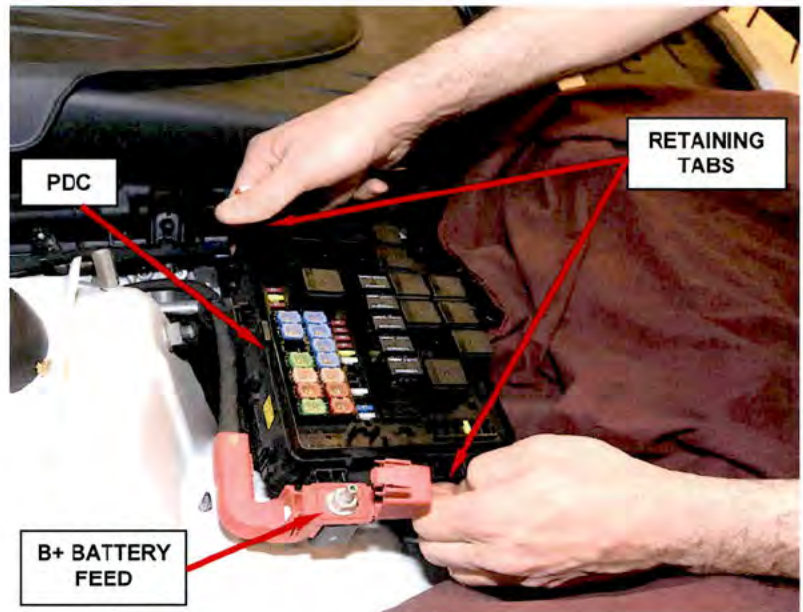


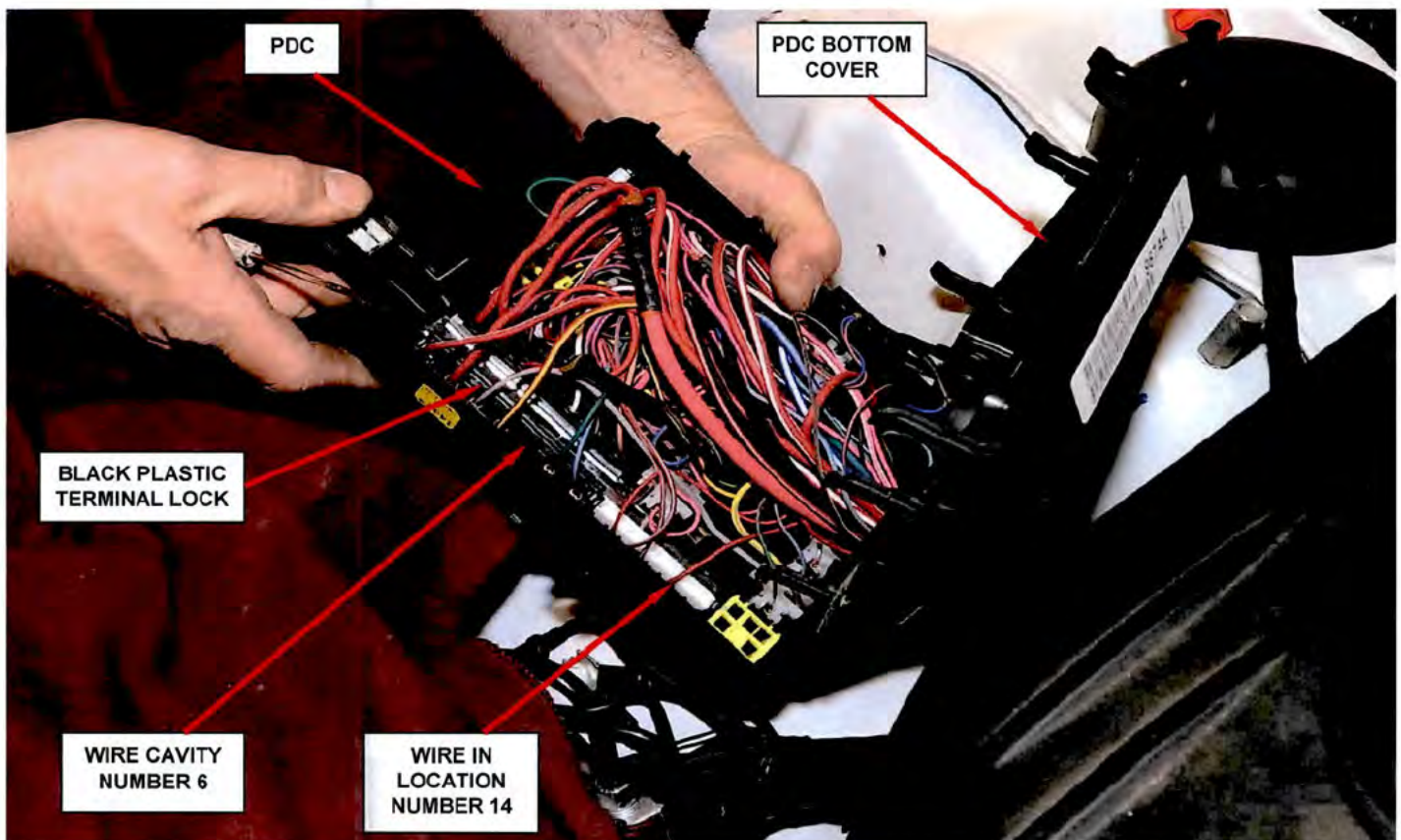
Figure 7 – PDC Cartridge Fuse Location

Service Procedure (Continued)

3. Disengage the retaining tabs that secures the PDC to the mounting bracket (Figure 8).
4. Disconnect the main B+ battery feed wire on the PDC (Figure 8).
5. Remove and save the PDC mounting bracket.
6. Turn the PDC over to expose the bottom side of the PDC.
7. Carefully open the PDC bottom cover (Figure 9).

**Figure 8 – PDC Retaining Tabs**

8. Using a small pick tool, remove and discard the black plastic terminal lock (Figure 9).

**Figure 9 – Black Plastic Terminal Lock**

Service Procedure (Continued)

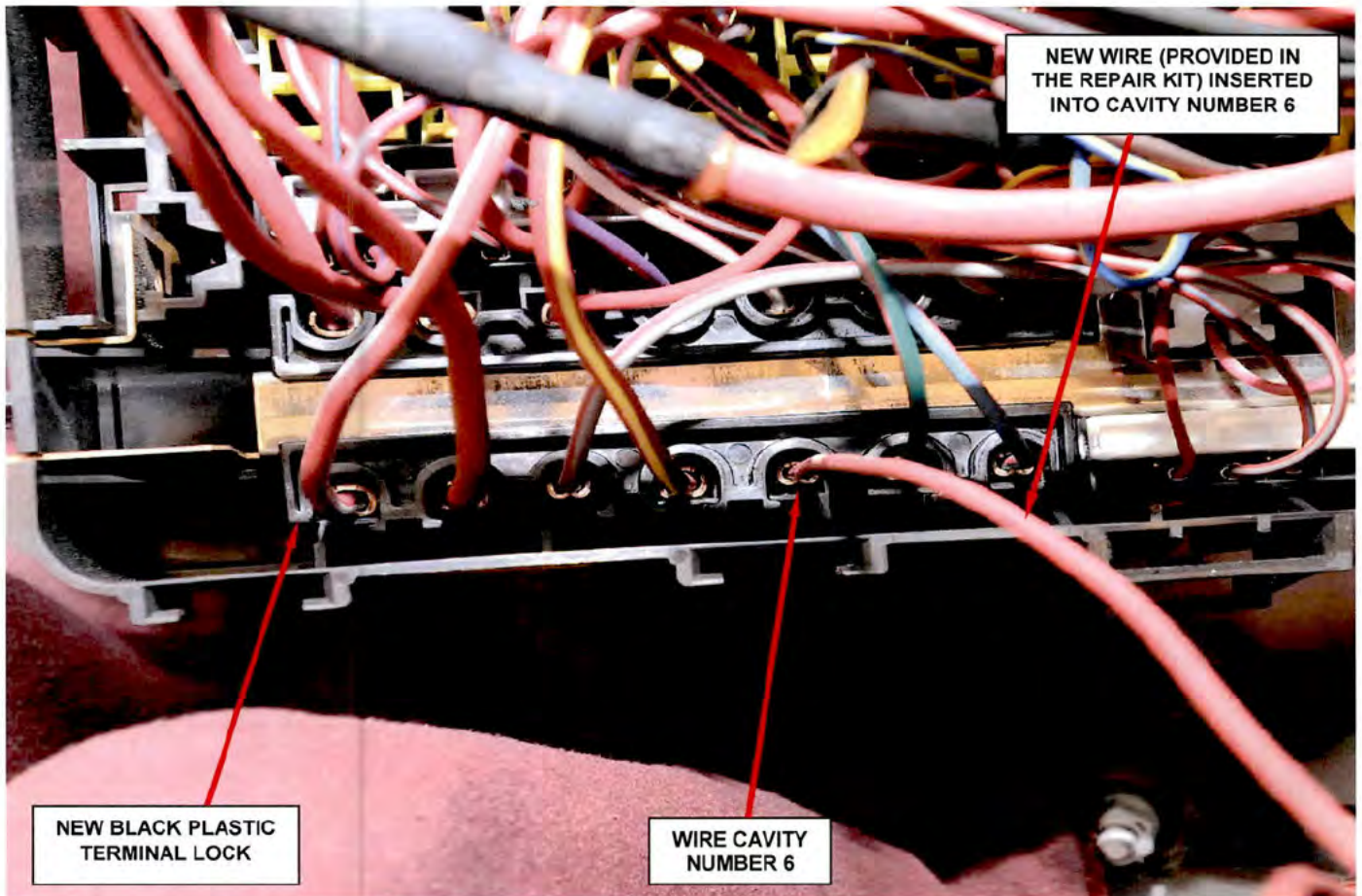
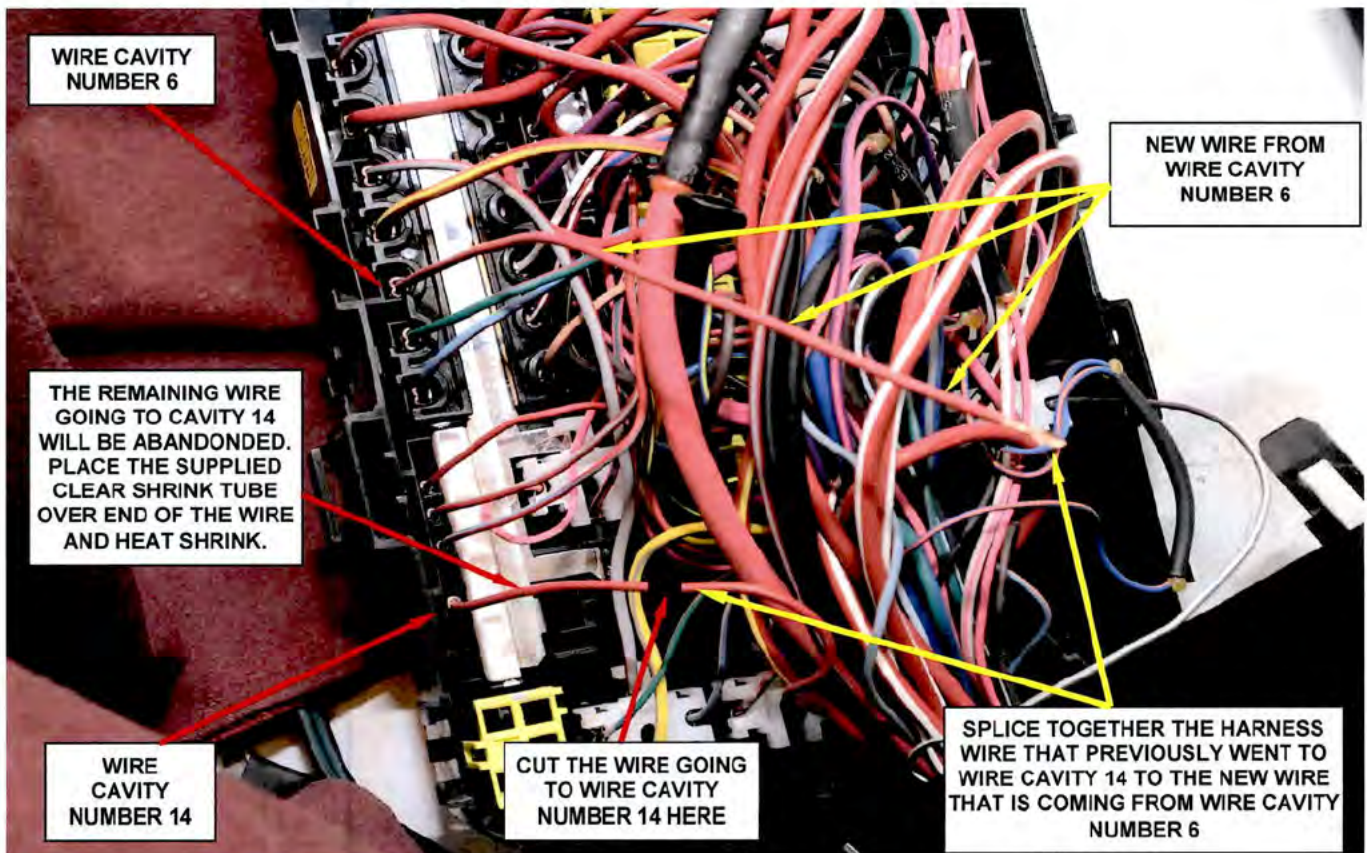


Figure 10 – Cavity Number 6

9. Insert the blade terminal provided in the repair kit into cavity number 6 of the PDC (Figure 10).
10. Install the new black plastic terminal lock provided in the repair kit (Figure 10).

Service Procedure (Continued)

11. Locate the red wire located in cavity 14 (Figure 11). Place a mark on the wire approximately 35 mm up from the blade terminal.
12. Cut the wire at the mark made in Step 11.
13. Place the clear shrink tube provided in the repair kit over the remaining wire in cavity 14 of the PDC. Apply heat to the shrink tube to seal the end of the wire (Figure 11).
14. Strip approximately 10 -15 mm of insulation from the end of the remaining cut wire.
15. Place the black shrink tube provided in the repair kit over the remaining cut wire.

**Figure 11 – Cavity Number 14 Wire**

Service Procedure (Continued)

16. Using the supplied splice band clamp and crimp tool 10042, crimp the wire that had the insulation stripped in Step 14 to the wire that was added in Step 9 (Figure 12).

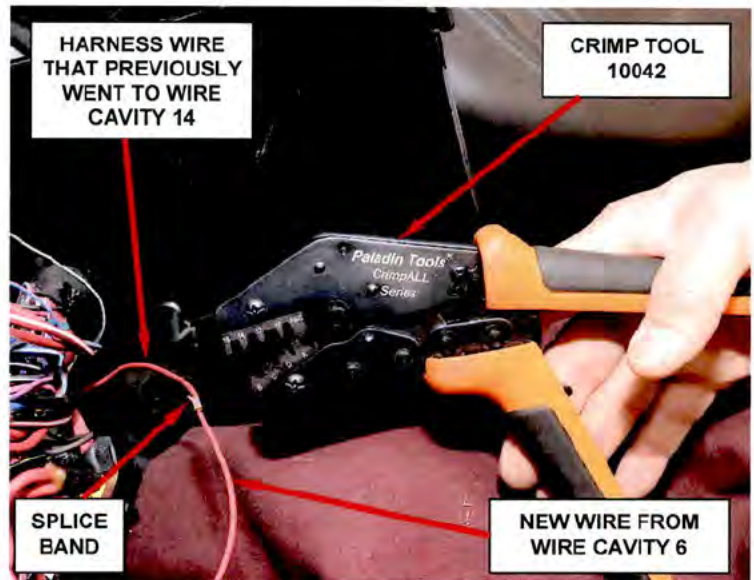


Figure 12 – Install Splice Band Clamp

17. Solder the crimp installed in Step 16 with rosin core solder (Figure 13).
18. Slide the shrink tube over the splice and apply heat to the shrink tube until glue comes out of both ends of the shrink tube.

19. Install the bottom PDC cover.

20. Install the PDC mounting bracket.

21. Snap the PDC into position on the mounting bracket.

22. Connect the main B+ battery feed to the PDC. Tighten the retaining nut to 106 in. lbs. (12 N·m).

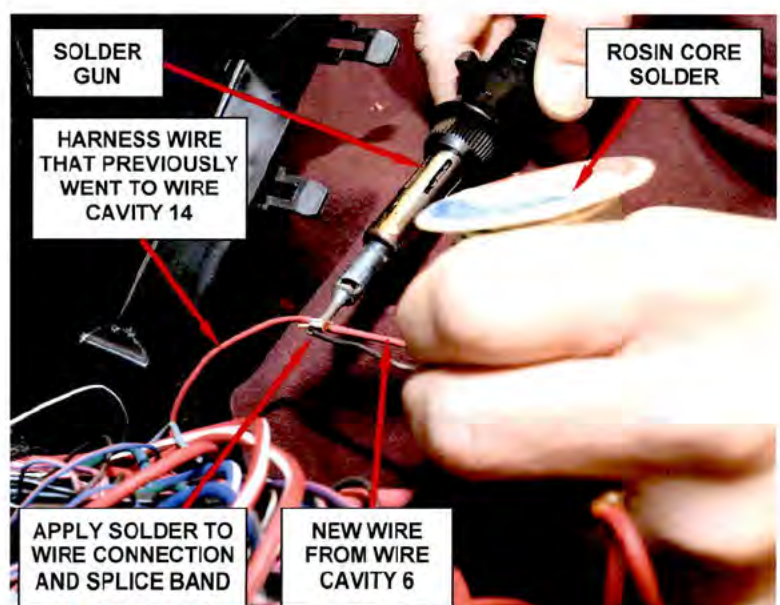


Figure 13 – Solder Wire

Service Procedure (Continued)

23. Remove and discard the white 25 amp mini fuse located in cavity number 14 of the PDC (Figure 14).
24. Install the new fuse supplied in the repair kit into cavity number 6 of the PDC (Figure 14).

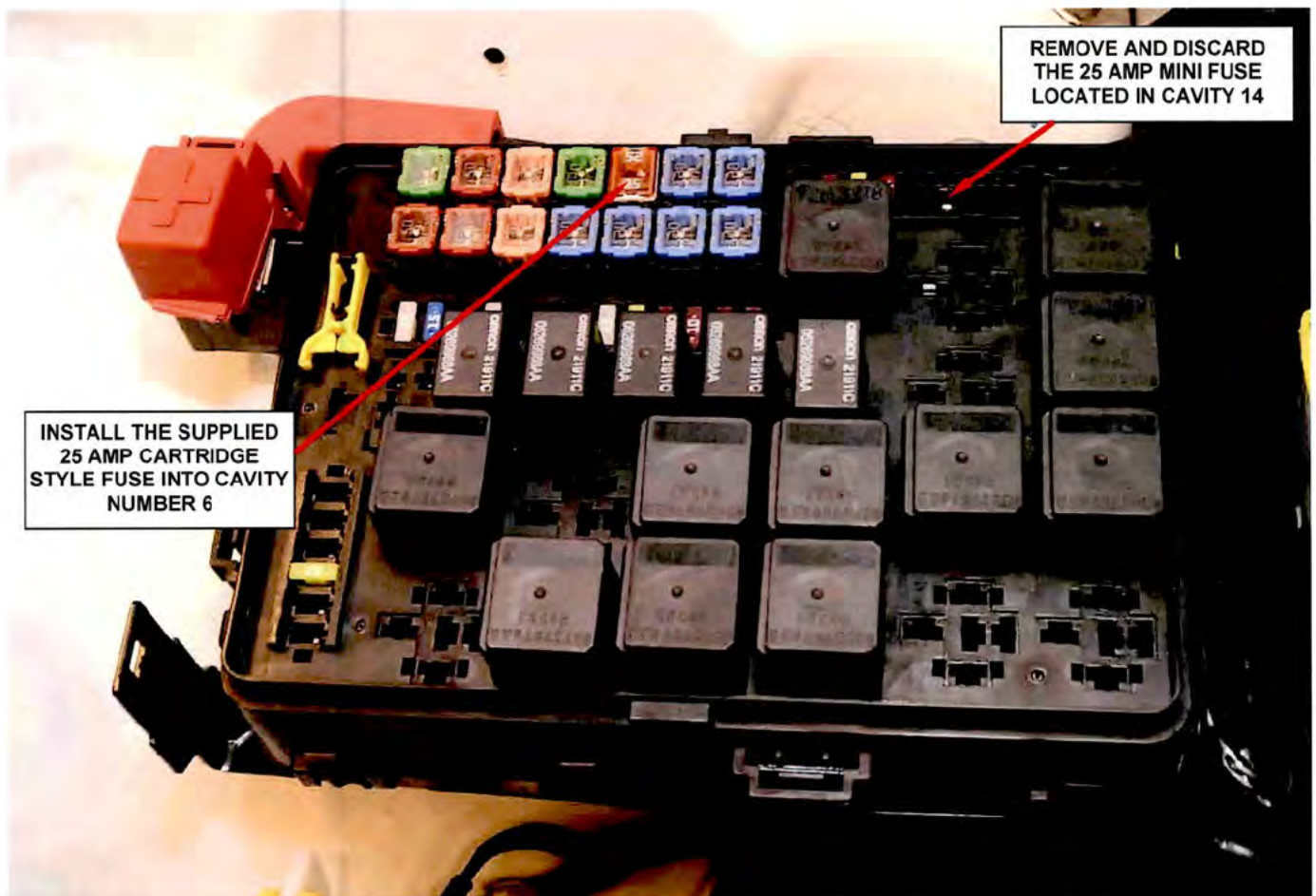
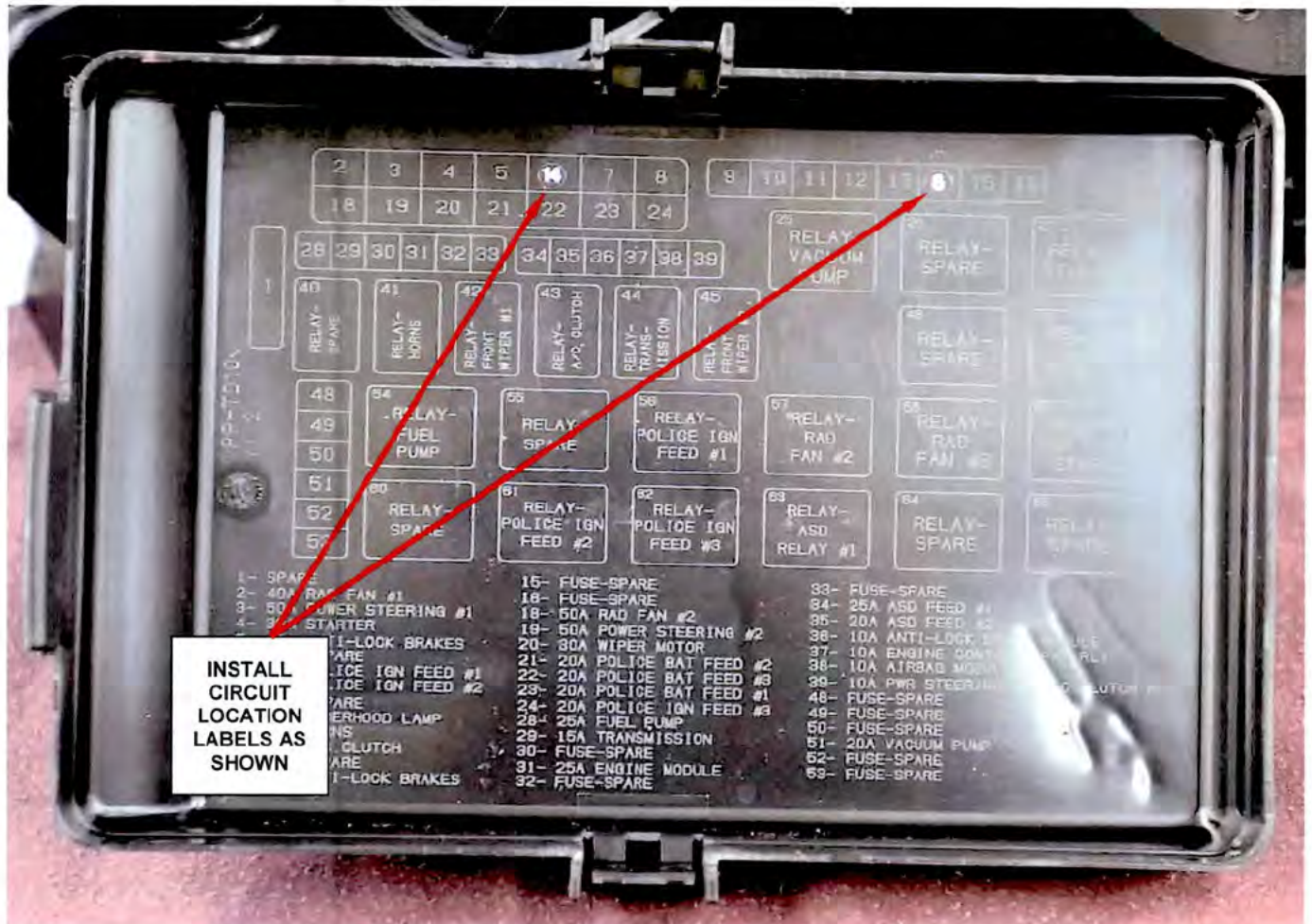


Figure 14 – Fuse Removal and Installation

Service Procedure (Continued)**Figure 15 – Install Circuit Location Labels**

25. Install the new fuse location stickers supplied in the repair kit onto the fuse location diagram on the inside of PDC cover (Figure 15).

NOTE: Four stickers are supplied in the kit, but only two are required.

26. Install the PDC cover onto the PDC.
27. Connect the negative battery cable to the battery.
28. Connect the wiTECH scan tool and clear all Diagnostic Trouble Codes (DTC's).
29. Start the vehicle and verify that the ABS light, brake light and ESP light in the instrument cluster turn off after the initial "bulb check."
30. **For 2011 models**, continue with **Section D. Replace Exterior Front Door Handles**.
31. **For 2012 models**, no further action is required. Return the vehicle to the customer.

Service Procedure (Continued)

D. Replace Exterior Front Door Handles (2011 Models Only)

1. Open the driver's front door.
2. Remove and save the front door handle retaining screw access hole plug (Figure 16).
3. Using a T20 Torx driver, loosen (but do not remove) the exterior front door handle retaining screw (Figure 17).

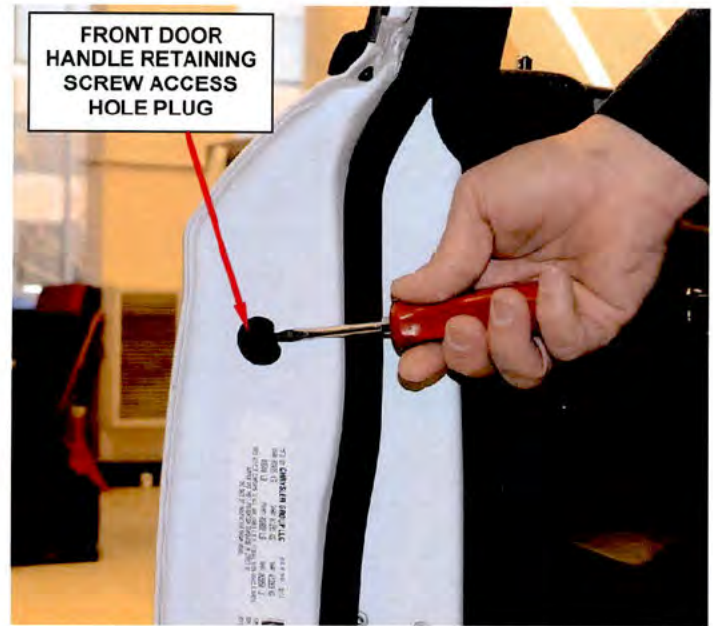


Figure 16 – Access Hole Plug

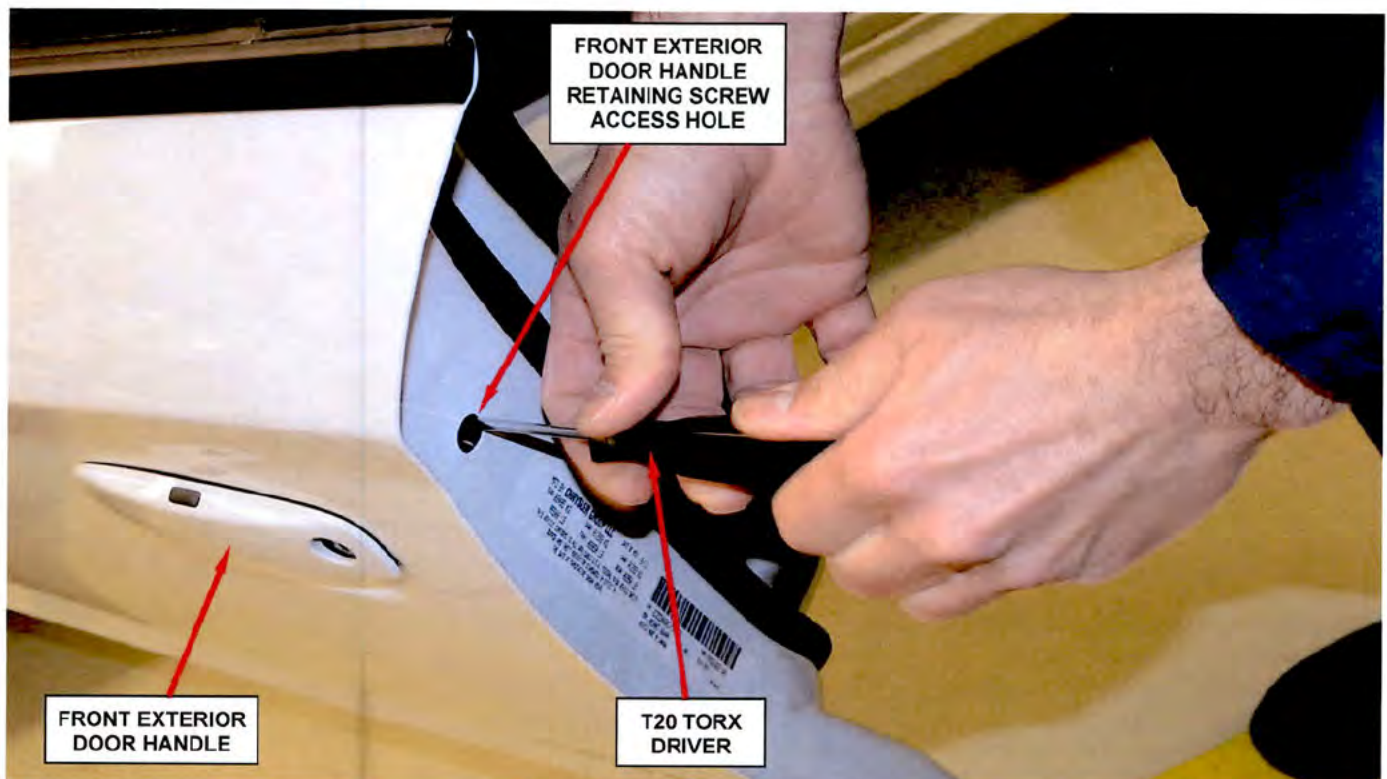
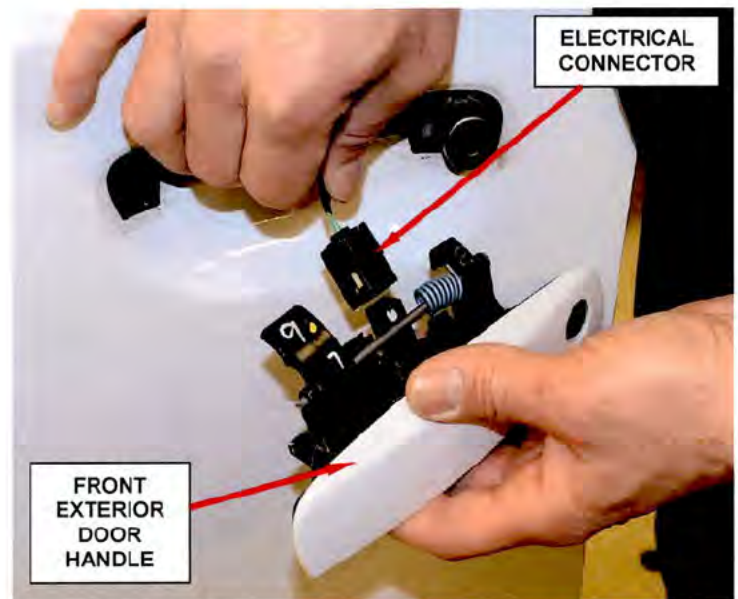


Figure 17 – Front Exterior Door Handle Retaining Screw

Service Procedure (Continued)

4. Carefully pull the front exterior door handle out of the exterior door handle pocket (Figure 18).
5. Disconnect the electrical connector from the front exterior door handle electrical receptacle (Figure 19).
6. Remove and discard the original front exterior door handle.
7. Place the new front exterior door handle up to the front door and connect the electrical connector to the front exterior door handle electrical receptacle (Figure 19).
8. Place the new front exterior door handle into position in the front exterior door handle pocket (Figure 18).
9. Carefully tighten the front exterior door handle retaining screw (Figure 17).
10. Install the front door handle retaining screw access hole plug (Figure 16).
11. Repeat steps 1 through 10 on the passenger side front exterior door handle.
12. Return the vehicle to the customer.

**Figure 18 – Exterior Door Handle Removal****Figure 19 – Door Handle Electrical Connector**

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 headlamp wiring harness and ABS/ESC Fuse	08-M0-11-81	0.3 hours
Replace right and left headlamp wiring harnesses (includes all inspections)	08-M0-11-82	0.7 hours
Relocate/upgrade ABS/ESC fuse/circuit (includes all inspections)	08-M0-11-83	0.8 hours
Replace right and left headlamp wiring harnesses and relocate/upgrade the ABS/ESC fuse/circuit (includes all inspections)	08-M0-11-84	1.2 hours

Related Operations:

<u>2011 Models:</u> Replace both front exterior door handles	08-M0-11-50	0.2 hours
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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