

NUMBER: 08-040-14

GROUP: Electrical

DATE: April 16, 2014

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SUBJECT:

Police Vehicle A/C Inoperative

OVERVIEW:

This bulletin involves relocating the A/C fuse within the front Power Distribution Center (PDC).

MODELS:

2011-2012 (LD) Charger

NOTE: This bulletin applies to vehicles equipped with Police Group (sales code AHB).

SYMPTOM/CONDITION:

Customer comments A/C is warm. On further inspection the technician will notice the A/C clutch fuse is loose in its cavity (#12) in the PDC. This will cause a poor connection and the fuse cavity to be distorted.

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in TechCONNECT, verify no DTC's are set. If DTC's are present, record them on the repair order and repair as necessary before proceeding further with this bulletin.

If the customer describes the symptom, perform the Repair Procedure.

PARTS REQUIRED:

Qty.	Part No.	Description
1	68235388AA	Wire harness kit

REPAIR PROCEDURE:

1. Refer to fuse location diagram for fuse cavity locations (Fig. 1).

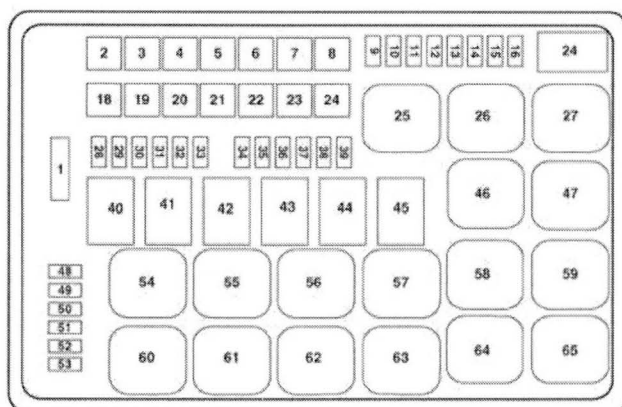


Fig. 1 Fuse Locations

2. Is there a 10 Amp fuse in cavity 12 of the PDC?
 - a. YES>>>Perform the repair procedure, proceed to next Step #3.
 - b. NO>>> This Bulletin doesn't pertain, normal diagnostic needs to be performed.
3. Disconnect the battery.
4. Remove the main B+ battery feed from the front PDC.
5. Release the retaining tabs that secure the PDC to the mounting bracket.
6. Turn the PDC over to expose the bottom side of the PDC.
7. Remove the PDC bottom cover.
8. Remove and discard the white plastic terminal lock see (Fig. 2).

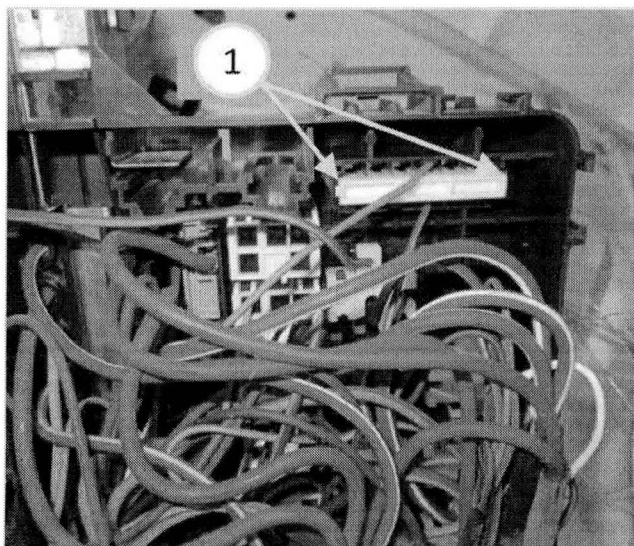


Fig. 2 Release Tabs On White Terminal Lock

1 - Lock tab location

9. Insert the terminal wire color RD/LB without eyelet end provided in the repair kit into cavity number 53B of the PDC
10. Insert the terminal with wire color RD/LB with eyelet end provided in the repair kit into cavity number 53A of the PDC (Fig. 3).

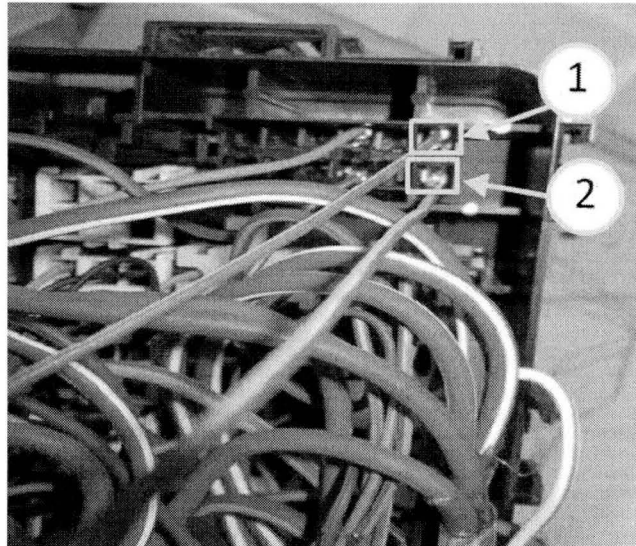


Fig. 3 New Circuit Location

- 1 - Cavity 53A
2 - Cavity 53B

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11. Install the NEW white plastic terminal lock provided in the repair kit, see (Fig. 4).

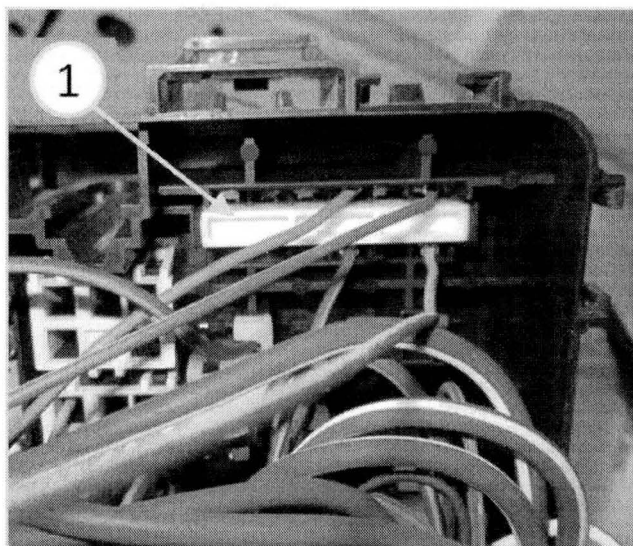


Fig. 4 New Lock Installed

1 - White terminal lock installed after new circuits were installed.

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12. Locate the RD/LB wire located in cavity 12. Place a mark on the wire approximately 35mm (1.375 In.) up from the terminal, see (Fig. 5).

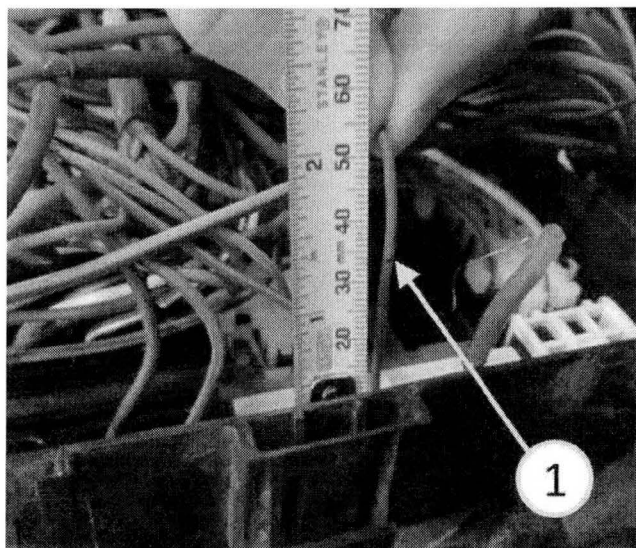


Fig. 5 Cut Wire From Cavity 12

1 - Location to cut wire

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13. Cut the wire at the mark made in the previous step.

14. Place the clear heat shrink tube provided in the repair kit over the remaining wire in cavity 12 of the PDC.

NOTE: Apply heat evenly across the heat shrink tube to avoid burn through.

15. Route the remainder of the wire cut from cavity 12 back through the PDC to the opposite side closer to the wire installed in cavity number 53B.
16. Splice wire cut from cavity 12 to the wire installed in cavity 53B . Refer to the detailed repair procedures available in: DealerCONNECT> TechCONNECT under: Service Info> 29 - Non-DTC Diagnostics> Circuit Testing Procedures> Standard Procedure.
17. Install the buss nut provided in the repair kit into the slot above the buss with 5m hole, see (Fig. 6).

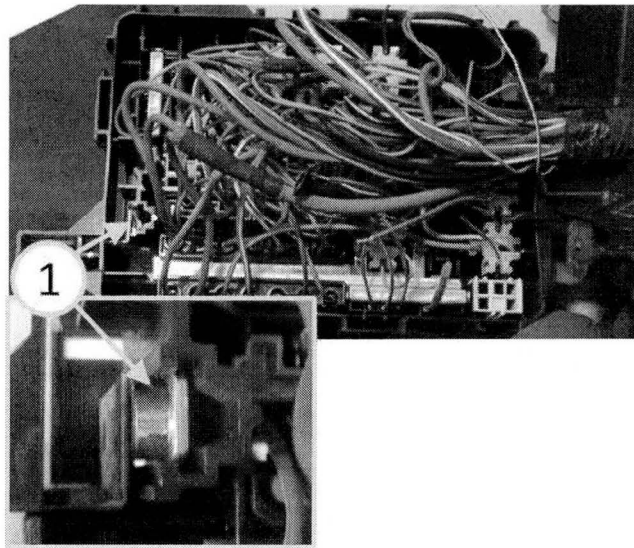


Fig. 6 Install Buss Nut

1 - Location for Buss nut.

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18. Using the 5m screw provided in the repair kit, attach the wire installed in cavity number 53A with M5 eyelet to the buss nut. Torque the screw to 2.9-3.9 Nm, see (Fig. 7).

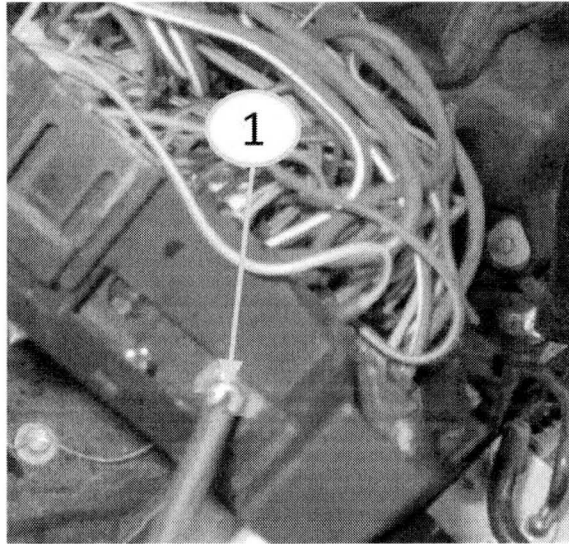


Fig. 7 Tighten Screw For Buss Bar

1 - Torque the screw to 2.9-3.9 Nm

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19. Carefully route the wire installed in cavity number 53A, to avoid the wire from being pinched.
 20. Install the PDC bottom cover.

NOTE: Ensure no wires are outside the cover area while installing the cover so they are not damaged during assembly.

21. Install the front PDC to the mounting bracket.
22. Connect the B+ power feed to the front PDC.
23. Remove and discard the 10 amp fuse from cavity 12 of the PDC.
24. Install the new 10 amp fuse provided in the repair kit into cavity number 53 of the PDC, for location see (Fig. 1).
25. Reconnect the battery.

NOTE: Clean the cover to remove any dirt or debris prior to installing the stickers.

26. Install the new fuse location stickers provided in the repair kit, onto the fuse location diagram on the inside of the PDC cover.

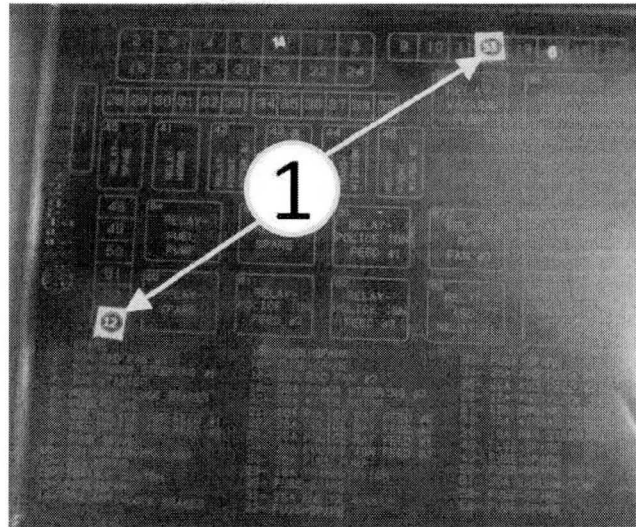


Fig. 8 New Fuse Label Location

1 - New fuse label

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-95-03-91	Relocate A/C fuse in PDC (2 - Skilled)	6 - Electrical and Body Systems	0.5 Hrs

FAILURE CODE:

ZZ	Service Action
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