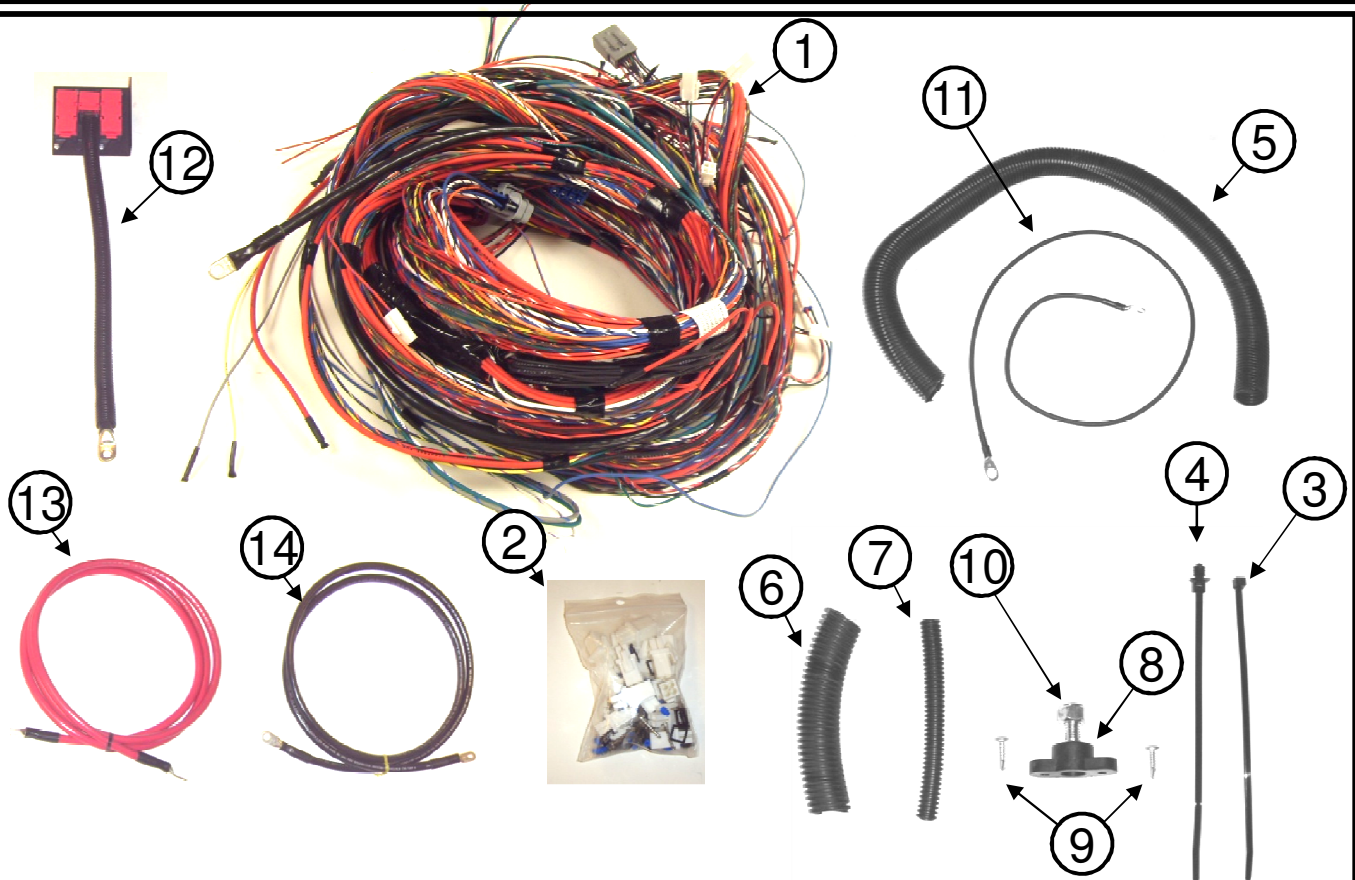




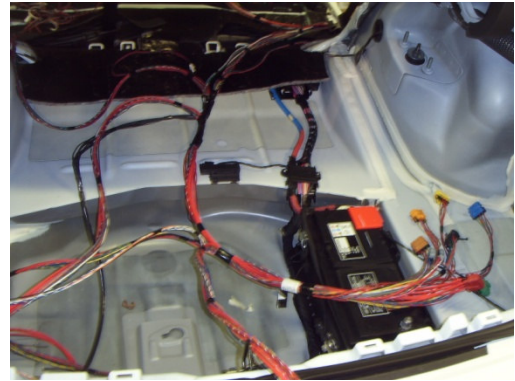
Main Harness

DODGE CHARGER

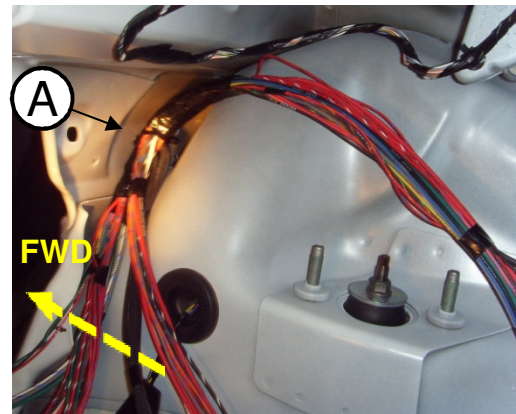


Item	Qty	Description
1	1	main harness
2	1	connector bag kit
3	25	7" wire tes
4	2	x-mas tree wire tes
5	1	2 1/2 ft x 1" loom
6	1	5" x 3/4" loom
7	1	5" x 0.35 loom
8	1	ground stud
9	2	self tapping phillips screws
10	1	nylon nut
11	1	ground wire
12	1	Fuse box w/bracket
13	2	Power cable
14	1	Tray ground cable

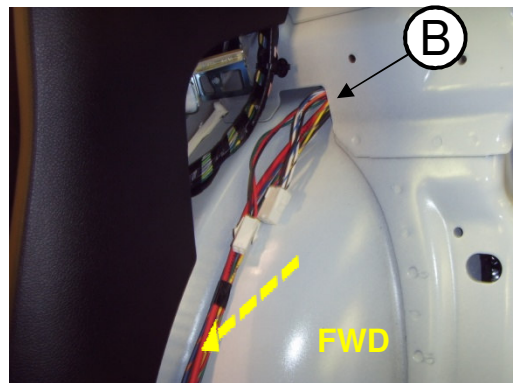
1. Refer to official Chrysler procedure to remove and install OEM parts.
2. Disconnect and isolate the negative battery terminal.
3. Remove rear seat back and bench.
4. Remove spare tire & Jack.
5. Remove trunk trim panel.
6. Remove trunk carpet & under-deck carpet.
7. Remove rear left and right wheel well insulation and plastic bags with foam. (discard)
8. Remove rear left and right kick plates/sills.
9. Remove all four doors primary weather stripping.
10. Partially remove rear left and right intermediate C-pillar covers.
11. Partially remove upper and lower b-pillar covers on driver and passenger sides.
12. Remove 4 push pins securing the floor mat to left and right rocker panels.
13. Remove under-glove box carpet (hush/kick panel)
14. Remove center console.
15. Set connector bag (item 2) inside the glove box.
16. Bring main harness (item 1) inside the trunk and lay it down as shown. Picture 1
17. Secure the harness to the seat back support frame on the passenger side. Use one x-mas tree wire tie (item 4) and use existent hole at location A. Picture 2.
18. Route light bar branch, deck light & T/A connectors through the supporting frame opening at location B on the passenger side as shown. Picture 3. Add loom (item 6) to protect wires. Note: electrical tape ends.
19. Set the pig tail on the rear glass during the installation as it will remain in the trunk. Picture 4
Identify the "pig tail"
Branch 1: (22 wires) find SIREN IN 2A, SIREN IN 2B which are the 2 thickest wires in this bundle.
Branch 2: (3 wires) Camera, Modem and Computer
Branch 3: (15 wires) find SIREN CONTROLLER, SIREN IN 1A, SIREN IN 1B and REAR RADIO BATT which are the thickest wires in this bundle.



1.



2.

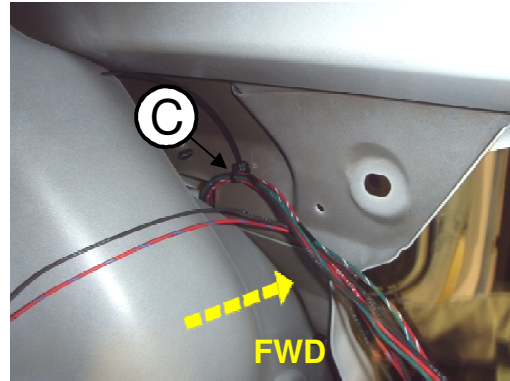


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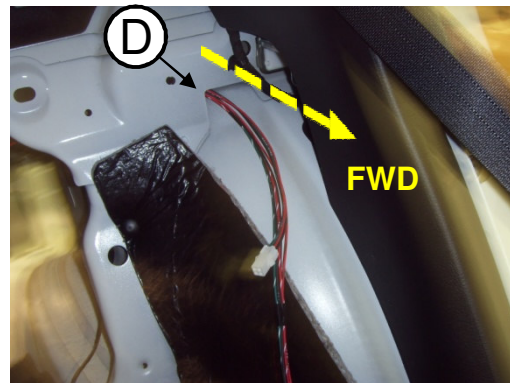


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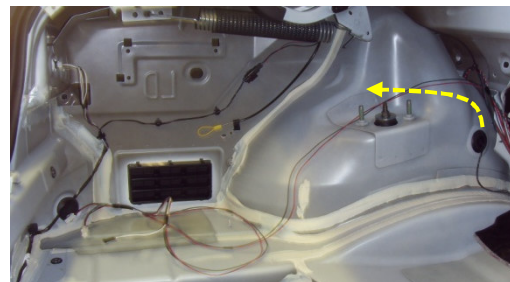
20. Route mirror, B-pillar, deck and tail LED branches through the top trunk support beam across the deck towards the driver side.
21. Secure these branches (except Tail LED) to the seat back support frame on the driver side. Use one x-mas tree wire tie (item 4) and use existent hole at location C. Picture 5.
22. Route mirror, b-pillar and deck connectors through the supporting frame opening at location D on the driver side as shown. Picture 6. Add loom (item 7) to protect wires. Note: electrical tape ends.
23. Send tail LED branches towards the rear driver side corner of the trunk. Picture 7
24. Route these branches following the OEM harness located against the outside wall of the trunk, starting from behind the trunk spring secure these two branches with 4 wire ties (item 3). Then, make a bundle and secure it to the OEM harness as shown. Picture 8.



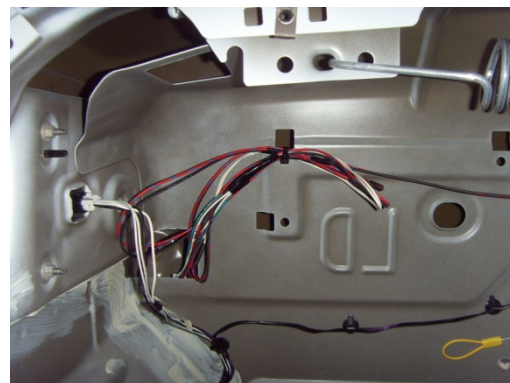
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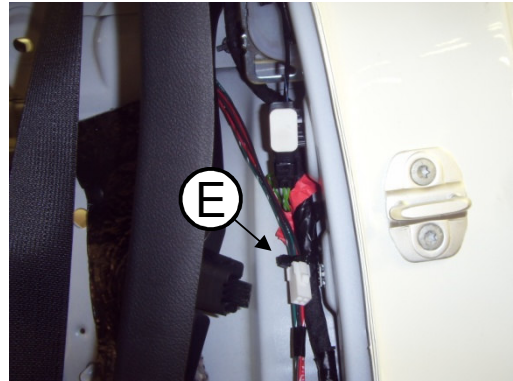


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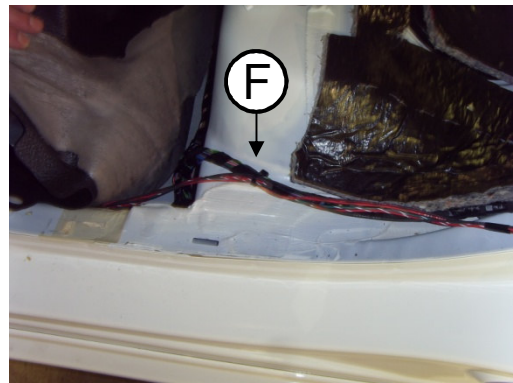


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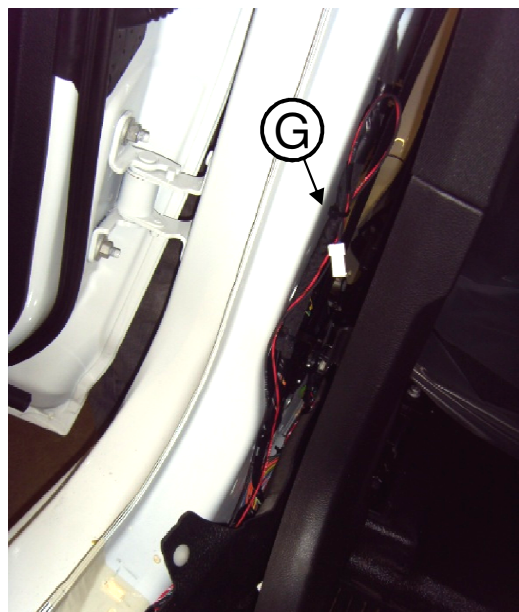
25. Secure mirror, b-pillar and deck branches on the driver side at location E under the intermediate c-pillar cover to the existent wiring using one wire tie (item 3). Picture 9
26. Route mirror and b-pillar branches on the driver side towards the front underneath the floor mat following the existent harness. Secure these branches at location F to the existent wiring harness, use one wire tie (item 3). Picture 10.
27. Route the b-pillar branch up underneath the b-pillar cover on the driver side following the OEM harness and secure it to the existent wiring using one wire tie (item 3) at location G. Picture 11.



9.

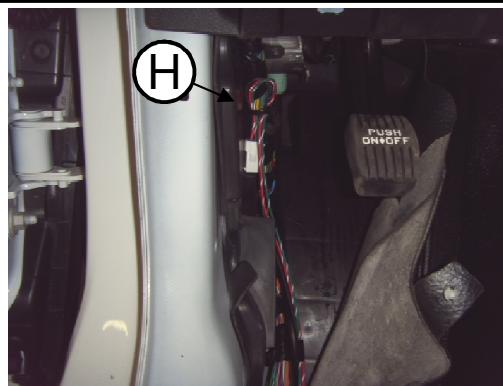


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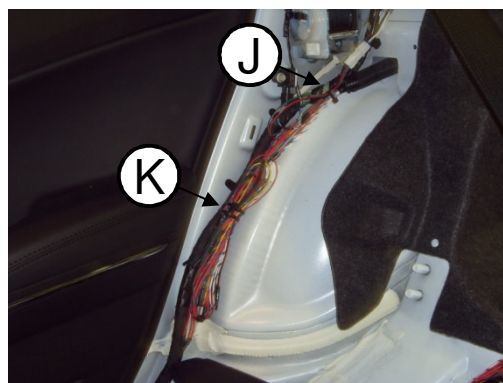


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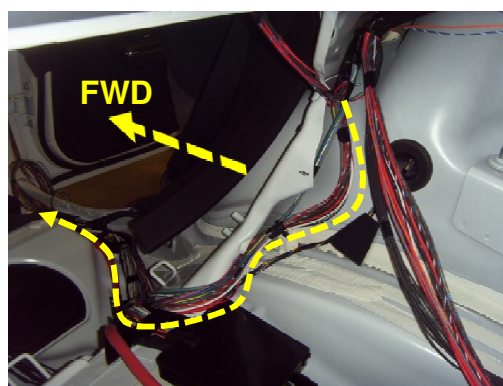
28. Route the mirror branch towards the a-pillar underneath the floor mat following the OEM wire harness and secure this branch to the existent harness at location H using one wire tie (item 3). Picture 12.
29. Secure deck and T/A branches on the passenger side at location J and K under the intermediate c-pillar cover to the existent wiring using two wire ties (item 3). Picture 13
30. Route main branch of harness towards the front of the vehicle on the passenger side as shown. Picture 14.
31. Secure main harness with 3 wire ties (item 3) at locations L to the OEM harness



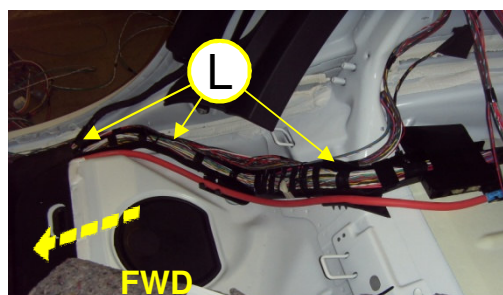
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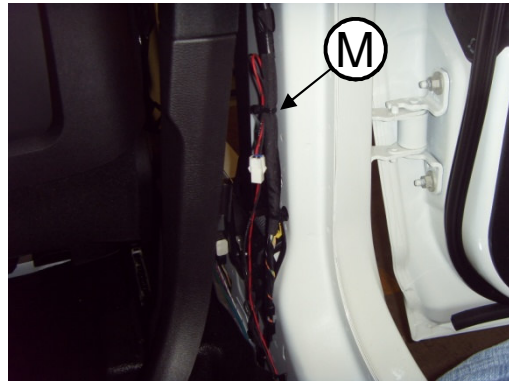


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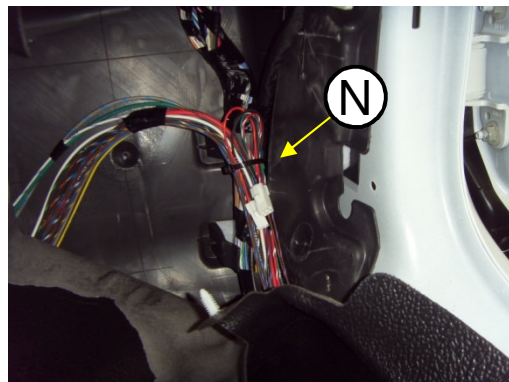
32. Route main harness under the floor mat towards the front of the vehicle following existent OEM wiring. Picture 16
33. Route the b-pillar branch up underneath the b-pillar cover on the passenger side following the OEM harness and secure it to the existent wiring using one wire tie (item 3) at location M. Picture 17
34. Continue routing the main harness towards the a-pillar underneath the floor mat following the OEM wire harness and secure visor light and mirror light branches to the existent harness at location N using one wire tie (item 3). Picture 18.
35. Follow OEM harness up towards the glove box and continue routing main harness across towards the center console. Secure the main harness at location P using one wire tie (item 3) and existent hole. Picture 19.



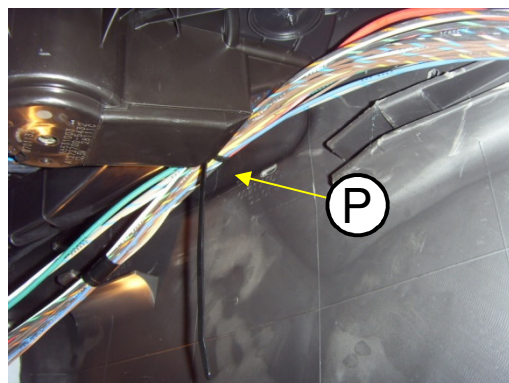
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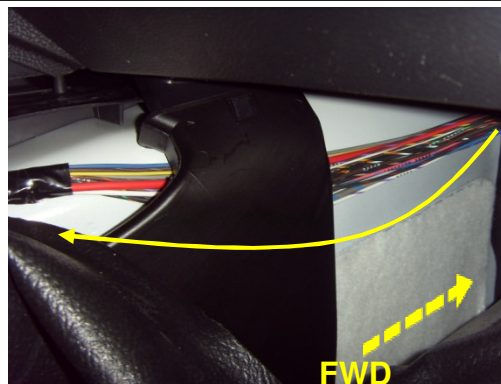


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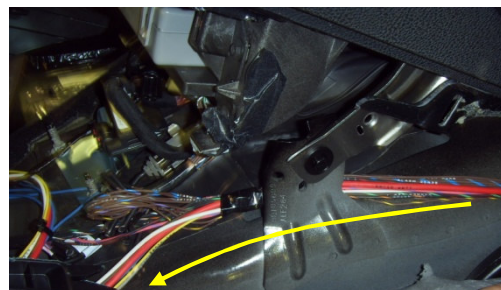


19.

36. Partially detach the air duct located underneath the passenger side front carpet, route the main harness behind the air duct and reattach air duct. Picture 20
37. Continue routing the main harness behind the metal bracket as shown. Picture 21
38. Locate OEM grey 12-pin connector under center console and connect to main harness. Picture 22
39. Locate OEM white 24-pin connector under center console and connect to main harness. Picture 23



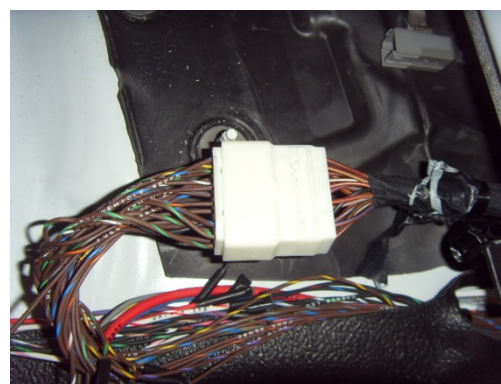
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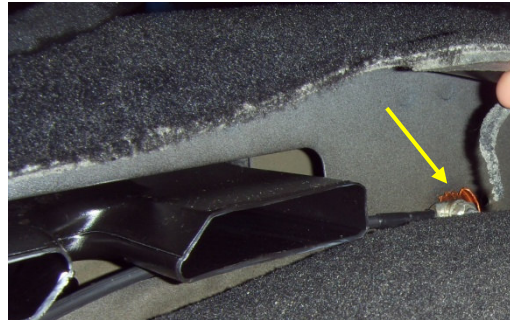


22.



23.

40. Locate the ground post under passenger side front seat beside the air duct on the RH side. Remove the nut and add the small eyelet terminal from ground wire (item 11) and reinstall the nut. Torque to 12.7 N-m. Picture 24.
41. Route the ground wire underneath the air duct, see picture 24, then straight up towards the console under the carpet.
42. Using the big ground eyelet, mark the location on the floor to install the ground stud (item 8). Picture 25
43. Using two self tapping screws (item 9) secure the ground stud tight under the console as shown in picture 25.
44. Add ground eyelet to the stud and secure with nylon nut. (item 10). Picture 25. Torque to 12 N-m.
45. Reinstall center console.
46. Reinstall under-glove box carpet (hush/kick panel).
47. Reinstall 4 push pins securing the floor mat to left and right rocker panels.
48. Reinstall the upper and lower b-pillar covers on driver and passenger sides.
49. Reinstall rear left and right intermediate C-pillar covers.
50. Reinstall all four doors primary weather stripping.
51. Reinstall rear left and right kick plates.

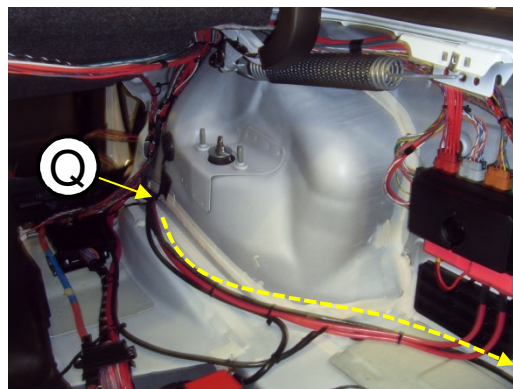


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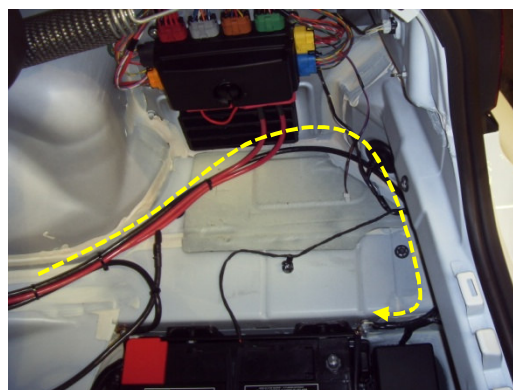


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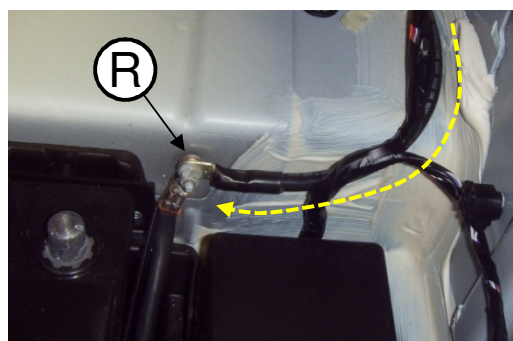
52. Locate the ground cable from the harness in the trunk on the passenger side at location Q. Picture 26.
53. Route the ground cable towards the RH taillight as shown, then towards the battery. Picture 27.
54. Remove the nut from ground post at location R, add the ground cable eyelet coming from the harness to the post and reattach the nut. Torque to 12 N-m. Picture 28.
55. Connect color coded connectors from the main harness to the DVEC P/N 82213017 (if equipped). Picture 29.
56. Connect the two power cables (item 13) to the DVEC as shown. Picture 29.



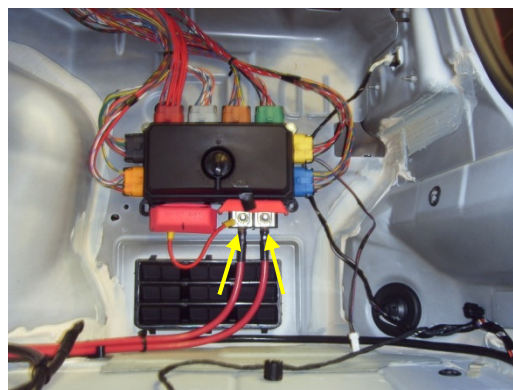
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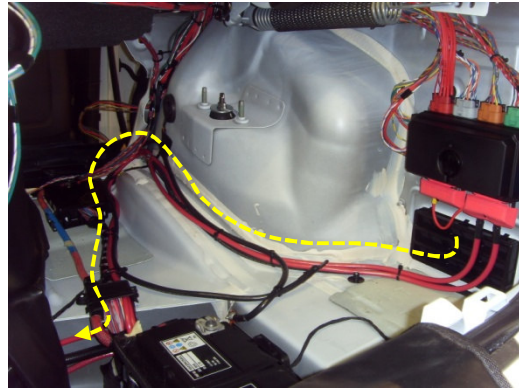


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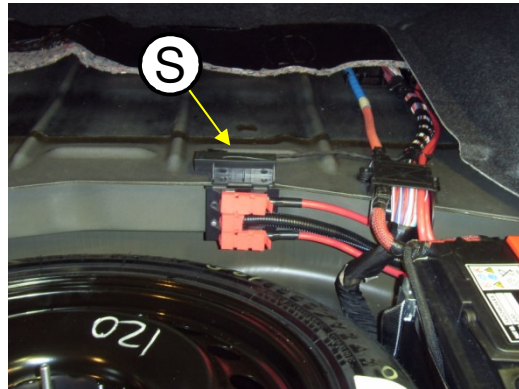


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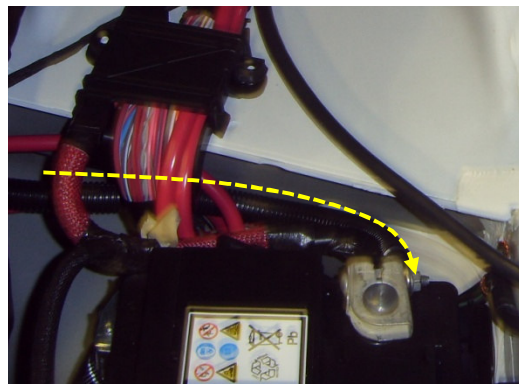
57. Route two power cables coming from the DVEC towards the seat back support frame, continue routing the cables following the OEM wiring harness towards the battery. Picture 30.
58. Connect two power cables to fuse box (item 12). Remove the OEM antenna at location S, insert fuse box bracket to antenna clips and reinstall back at location S having the bracket below the sheet metal. Picture 31.
59. Take middle cable from the fuse box, route it to the positive battery terminal and connect it. Picture 32.
60. Connect ground for trunk tray (item 14) at location T, remove nut from ground post, add ground eyelet and reinstall nut at 12 N-m. Picture 33.



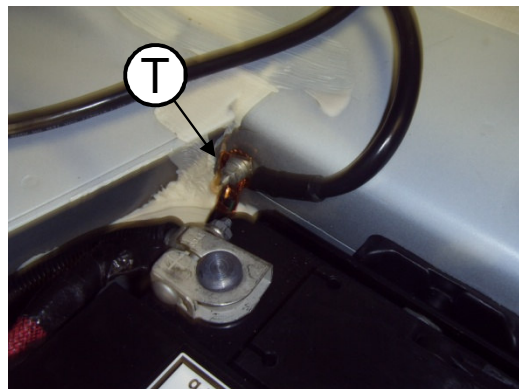
30.



31.



32.



33.

61. Route tray ground cable from the ground post towards the seat back support frame following the power cables, then continue following the main harness as shown. Picture 34.

If vehicle is equipped with trunk tray P/N 82213015 route tray ground from the ground post to the pig tail following the main harness.

62. Secure the following cables with 8 wire ties (item 3) as shown: Ground cable coming from the harness, two power cables, tray ground cable. Picture 35.

63. Reinstall trunk carpet & under-deck carpet.

64. Reinstall trunk trim panel.

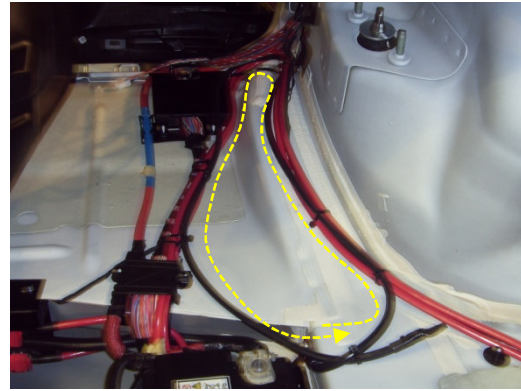
65. Reinstall spare tire & Jack.

66. Reinstall rear seat back and bench.

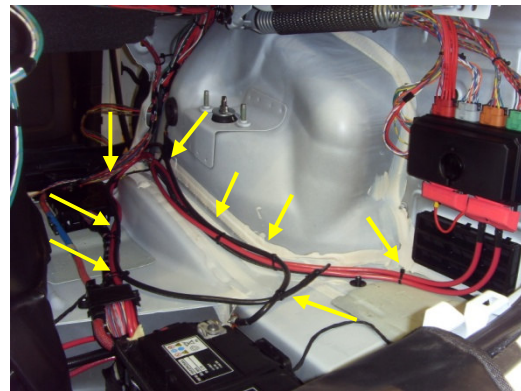
67. Reconnect the negative battery terminal.

68. Add loom (item 5) to the pig tail to protect wires. Picture 36. Note: electrical tape ends.

69. Attach ground wire to ground-bar on trunk tray if equipped.



34.



35.



36.