 HYUNDAI Technical Service Bulletin	GROUP BODY ELECTRICAL	NUMBER 20-BE-007H
	DATE APRIL 2020	MODEL(S) GENESIS SEDAN (DH)
SUBJECT: TRUNK FLOOR WIRING HARNESS INSPECTION AND REPAIR		

Description: On certain 2015-2016 Genesis (DH) vehicles, the trunk harness may be damaged due to tension against the trunk lid arm. This bulletin provides the procedure to inspect, repair when necessary, and reroute the wire harness.



Possible conditions if the trunk harness is damaged:

1. Rear view camera inoperative.
2. Passenger side license plate light inoperative.
3. Passenger side inner brake light inoperative.
4. Passenger side inner reverse light inoperative.

Applicable Vehicles: Certain 2015 - 2016 Genesis Sedan (DH)

SUBJECT: TRUNK FLOOR WIRING HARNESS INSPECTION AND REPAIR

Parts Information:

PART NAME	FIGURE / PART NUMBER	REMARK
Shrink Tube with Adhesive		3/16 Inch Diameter NOTE: Shrink Tubes can be sourced at http://www.shopwurthusa.com with Wurth Part #: 17730276.
Non Insulated Butt Connector		Butt Connector Uninsulated 22-18 gauge size. NOTE: Shrink Tubes can be sourced at http://www.shopwurthusa.com with Wurth Part #: 155715818.

Tools and Equipment Required:

MULTI-PURPOSE CRIMPER	HEAT GUN	ELECTRICAL TAPE
		

Warranty Information:

MODEL	OP. CODE	OPERATION	OP. TIME	CAUSAL PART	NATURE	CAUSE
GENESIS SEDAN (DH)	91359F00	FLOOR WIRING INSPECTION AND REPAIR	0.6 M/H	91357-B1601	I11	ZZ7

Service Procedure:

1. If applicable, record the customer's radio preset stations for AM/FM/XM.
2. Push the trunk button to open the trunk to access the battery.



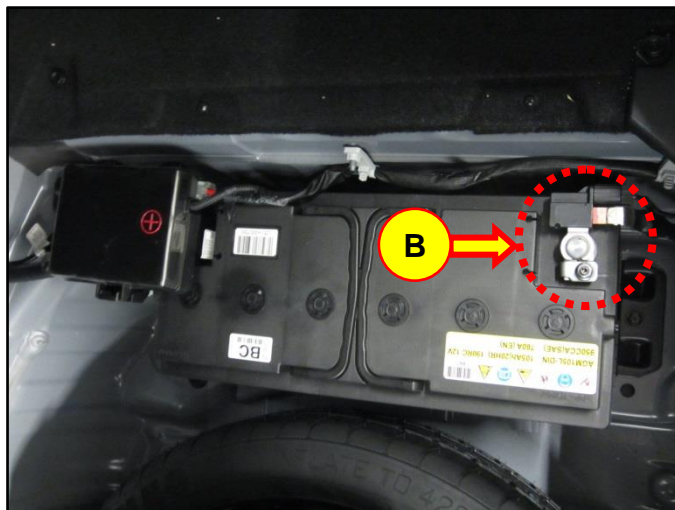
3. Remove the trunk cover board (A).



4. Disconnect the negative battery terminal (B).

Negative battery terminal tightening torque:

4.0 ~ 6.0 N.m (0.4 ~ 0.6 kgf.m, 3.0 ~ 4.4 lb-ft)



5. Remove the trunk lid hinge cover (C).



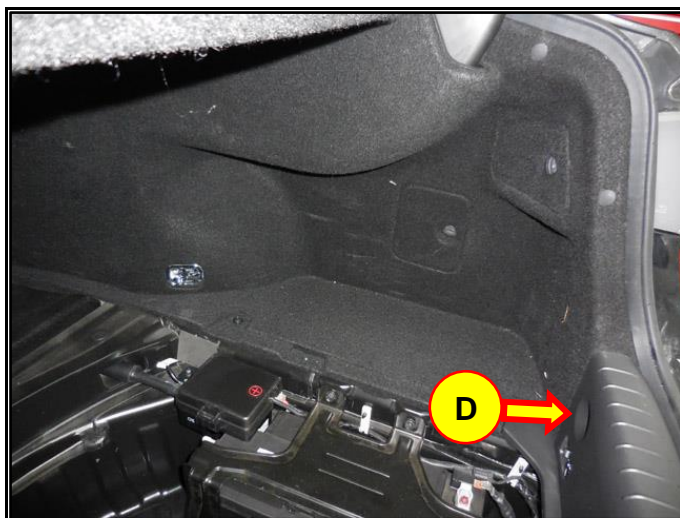
NOTICE

The rear trim must be removed, and right side trim moved to center of trunk to access the wire harness.

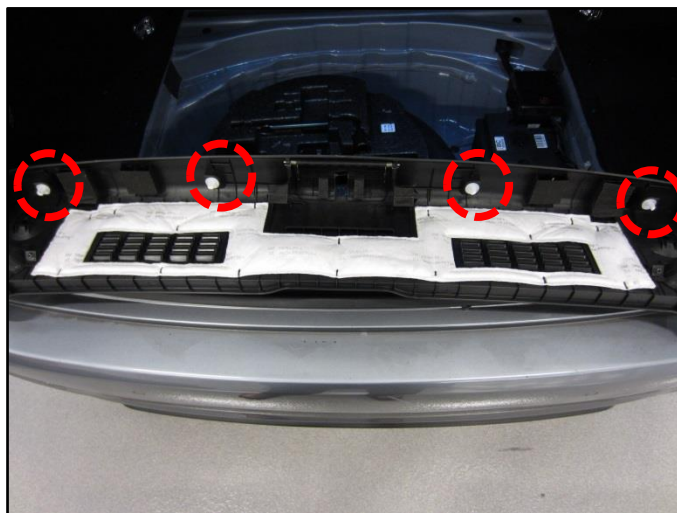


6. Rear Trim Removal

Remove the two clips (D) using a panel removal tool.



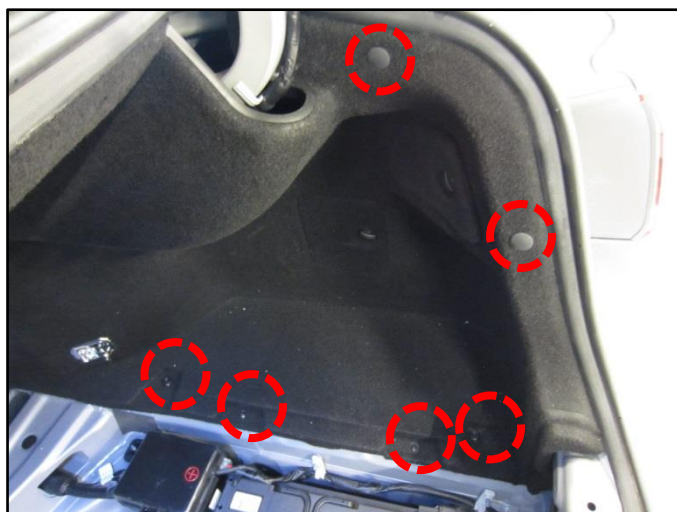
7. Using a panel removal tool, carefully lift the rear trim upward while unclipping the clips from the vehicle body.



8. Right Side Trim

Using a 10mm socket, Phillips screwdriver, and panel tool, remove the following items:

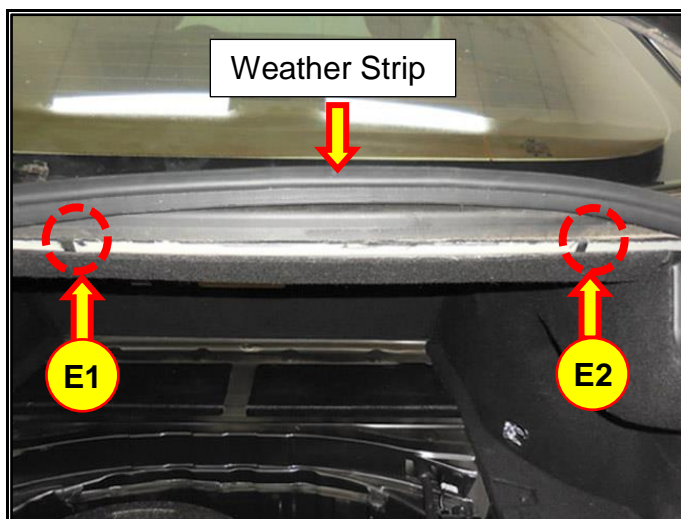
1. Two clips.
2. Two Phillips screws.
3. Two 10mm bolts.



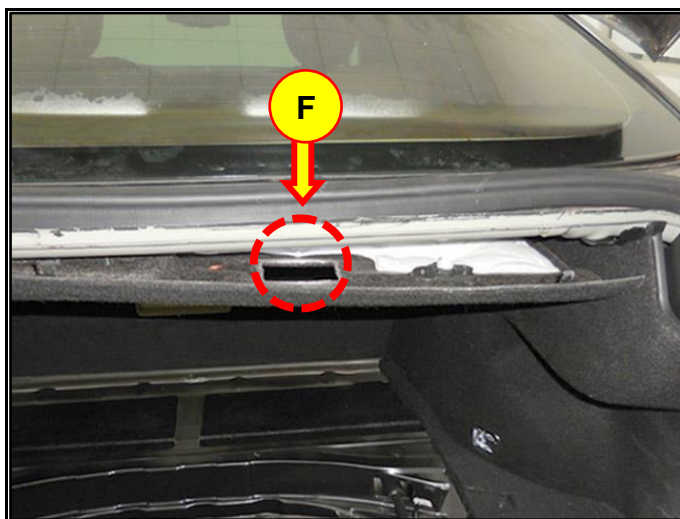
9. Partially remove the weather strip as shown on the picture to the right. Disengage the mounting hook (E1) (E2) from the vehicle body.

NOTICE

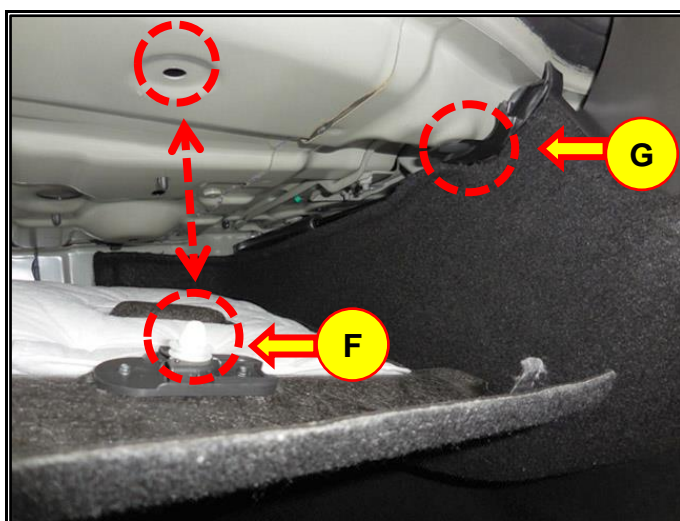
Lift the trunk panel upward to disengage the LH & RH side mounting hooks.



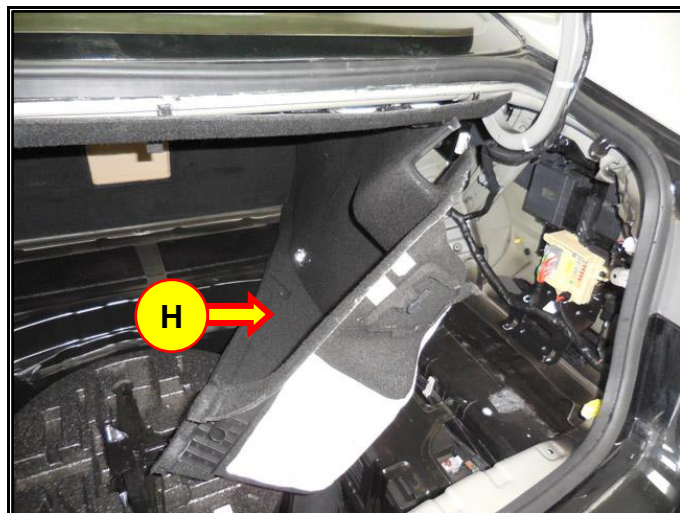
10. Disengage the trim mounting clip (F).



11. Remove the side trim mounting plug (G).



12. Move the side trim (H) to the side to provide access for the wiring harness.



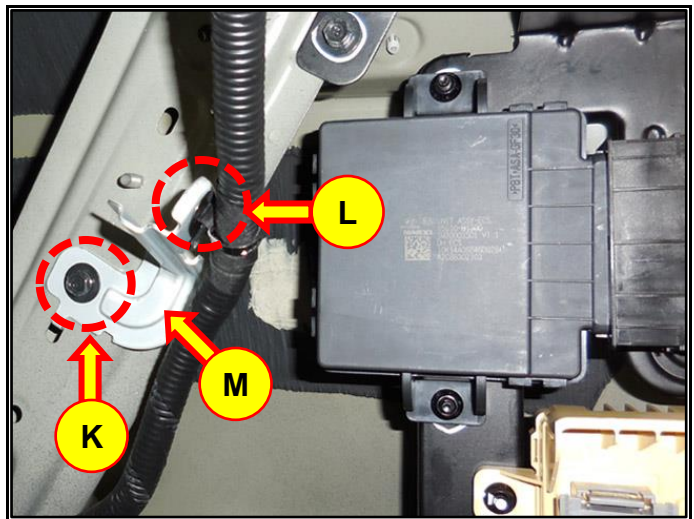
Location of the harness to be inspected.



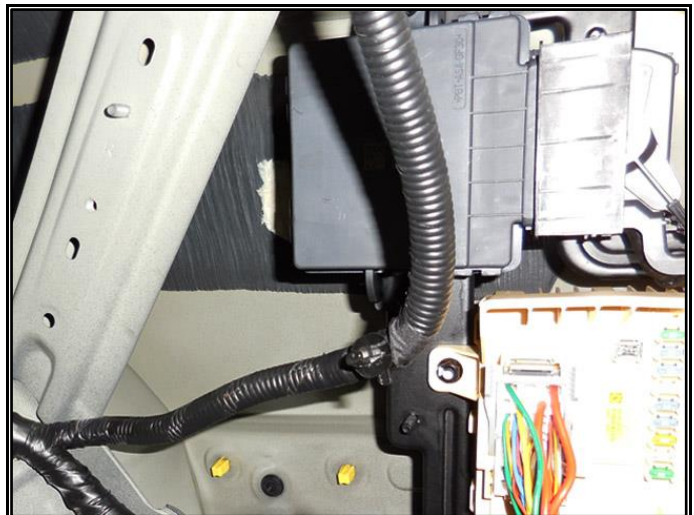
13. Loosen the mounting screw (K).
Disengage the clip (L).
Remove the bracket (M).

NOTICE

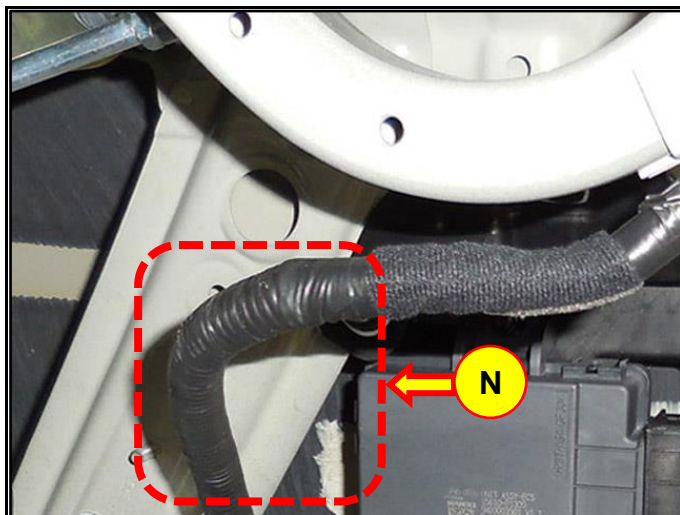
Discard the removed bracket (M).



Picture of the harness disengaged from the vehicle body.



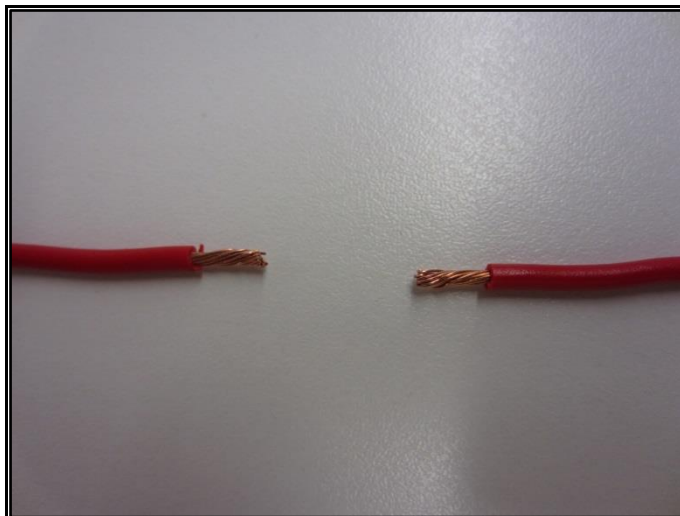
14. Remove the electrical tape from the wire harness to access the wires from inside (N).



15. Inspect if there is any damaged or cut wire.
- If a wire is found damaged or cut, perform the procedure from below to repair it.
- If no wire is found damaged, then proceed to step 19.



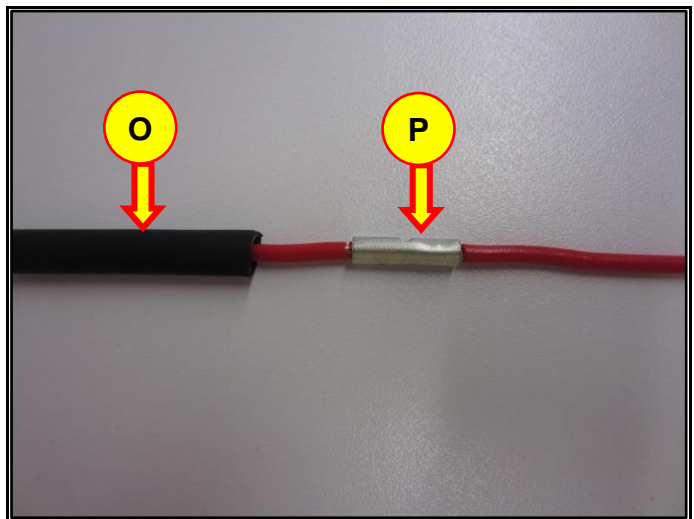
16. Use a multi-purpose wire stripper and strip off about 1/4 inch of the vinyl coating of each end of the wire.



17. Insert the shrink tube (O) to one end of the wire and insert both wires into the butt connector (P). Use a multi-purpose crimper to crimp the butt connector.

NOTICE

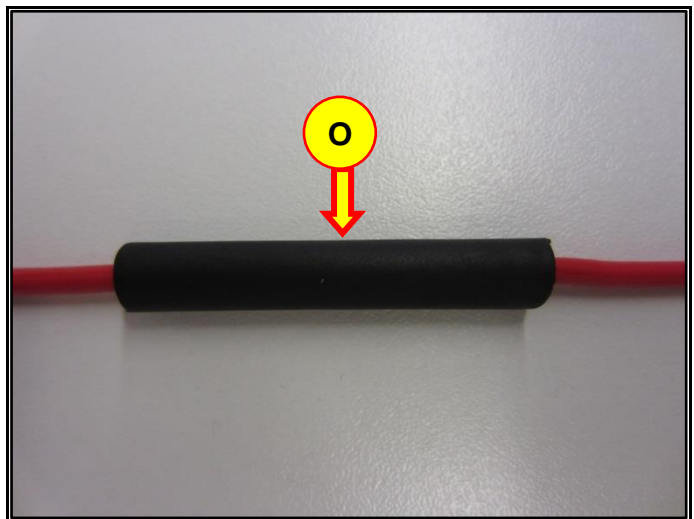
Slightly pull both ends of the wires to ensure the wire is tightly crimped.



18. Place the shrink tube (O) over the butt connector and use a heat gun to shrink it.

NOTICE

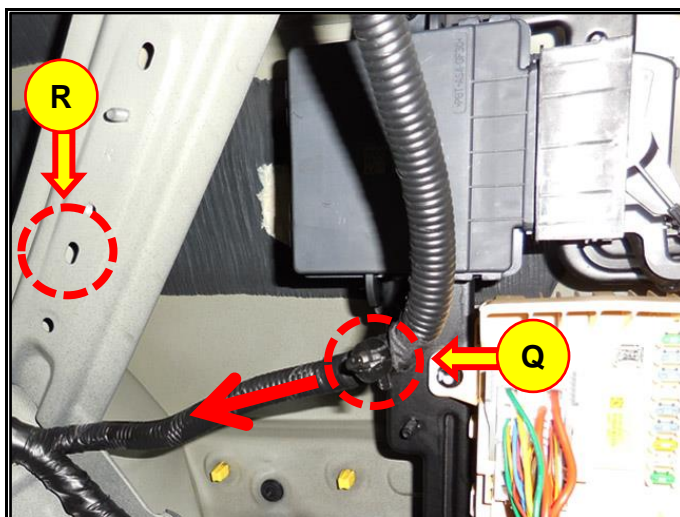
Align the butt connector to the center of the shrink tube.



19. Use electrical tape and wrap the harness as shown in the picture to the right.



20. Move the wiring clip (Q) downward of approximately three inches, and fasten it to the mounting location (R).



Picture of harness installed in a new location.



21. Reinstall all the removed parts in the reverse order of removal.
22. Reconnect the negative battery terminal.
23. Turn the ignition ON and confirm no DTC(s) are present.

If a DTC(s) is present, use the GDS to clear the code.

If applicable, clear any DTCs in the Blue Link system per instructions of TSB 12-BE-005-2.

24. If applicable, reprogram the customer's radio presets for AM/FM/XM.