

Technical Instructions
Lucid Non-Compliance Recall NCR-22-01-0
Securing Center and Left Display Wiring Harness

Warranty Claim Procedure

To help ensure that all vehicle repairs are claimed correctly, please reference the following when creating work orders for this campaign:

Job Code NCR-22-01-0 Securing Center and Left Display Wiring Harness
 Pay Type Campaign
 Defect Code Campaign
 Casual PN P11-J50000-03

For all affected vehicles, click on the VIN recall record (under the Related section on the Asset). Insert your work order number in the Work Order field to automatically populate the required job code(s). Once repair is finished, change the status on the VIN Recall to 'Closed'.

Please use one (1) of the following Labor Operation Codes that reflects the procedure performed on the vehicle.

Procedure 1 Inspection and Securing Center and Left Display Wiring Harness

Labor Op Code	Description	Action	FRT
96.220007	NCR- Securing Center and Left Display Harness	Inspection and Secure	0.3

Procedure 2 Inspection, Wrap and Securing Center and Left Display Wiring Harness

Labor Op Code	Description	Action	FRT
96.220008	NCR- Securing Center and Left Display Harness	Inspection, Wrap and Secure	0.5



Procedure 3 Inspect and Repair Securing Center and Left Display (Escalation Case Required)

Labor Op Code	Description	Action	FRT
96.220009	NCR- Securing Center and Left Display Harness	Inspection and Repair	8.0

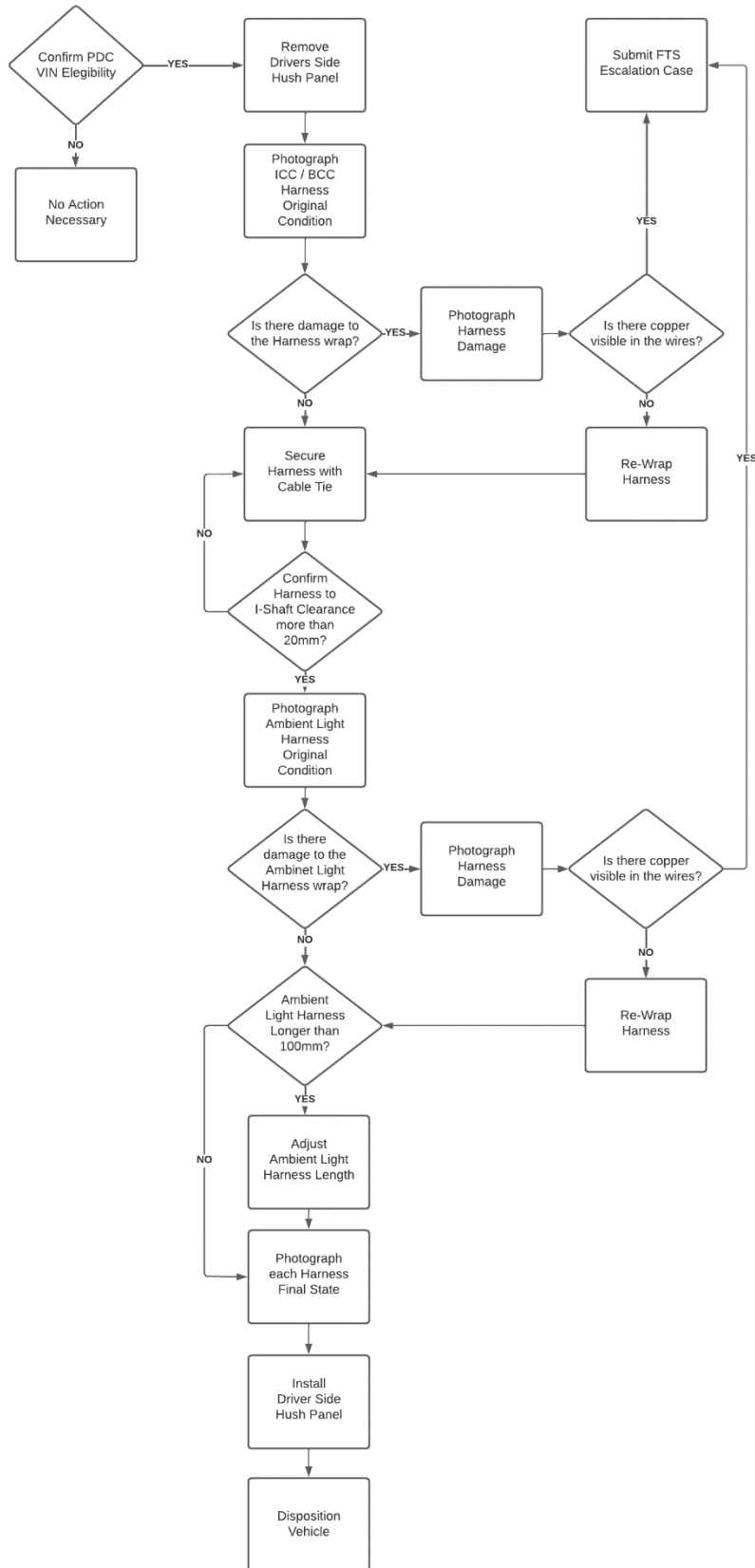
NOTE: Flat Rate Time is subject to change

Materials & Tools

The following tools and materials are required to secure the Center and Left Display Wiring Harness and adjust the Ambient Light Harness length.

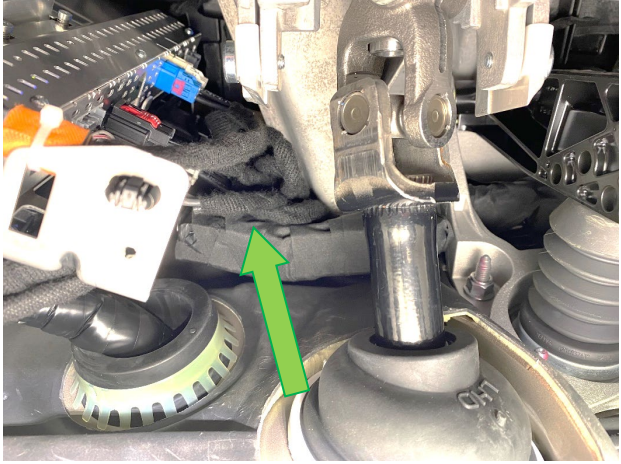

Name	Description	Qty
Natural Color (White) Cable Tie, 6" Long, UL Rated, 30lb Tensile Strength, PA66		2
Measuring Device		1

Repair Procedure Process Overview



Technical Instructions

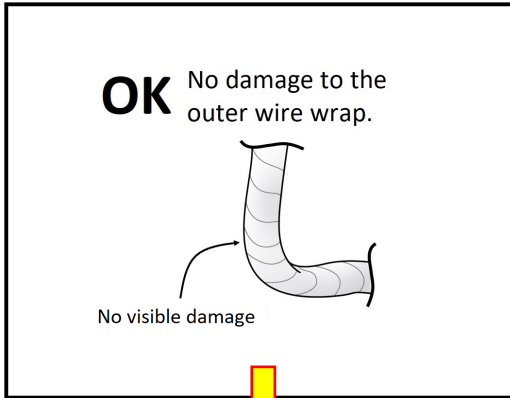
Non-Compliance Recall NCR-22-01-0 Securing Center and Left Display Wiring Harness

<p>1. Confirm VIN Eligibility</p> <p>a) Eligible vehicles will have a Recall Flag in Salesforce</p>	<p>Please be aware, there is at least one RECALL for this vehicle!</p> <p>If work is required, click on the VIN Recall record under Related to link the work order to the recall to automatically populate the required job code(s).</p>
<p>2. Remove Hush Panel</p> <p>a) Remove driver’s side hush panel</p>	<p>Refer to “Hush Panel – DS Remove and Replace” in the Service Manual</p>
<p>3. Identify ICC / BMC Harness Loops</p> <p>a) Check for Loops in the harness that will be underneath the driver side Instrument Panel (IP) Assembly, left of Intermediate Steering Shaft (I-Shaft).</p>	
<p>4. Photograph Original Condition</p> <p>a) Photograph ICC / BMC Harness before any work is performed.</p> <p>b) Document by attaching photos to work order.</p> <p>NOTE: Capture ICC / BMC harness and I-shaft in the same photograph as in example picture to the right.</p>	

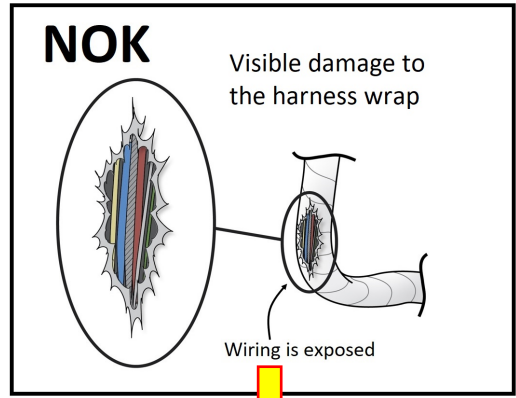
5. Inspect for Damage ICC / BMC Harness

a) Inspect harness wrap for damage that may have been caused from contact with the steering intermediate shaft.

- IF damage is found, photograph the damage to the harness, the internal wires, or both, and attach photos to the work order.



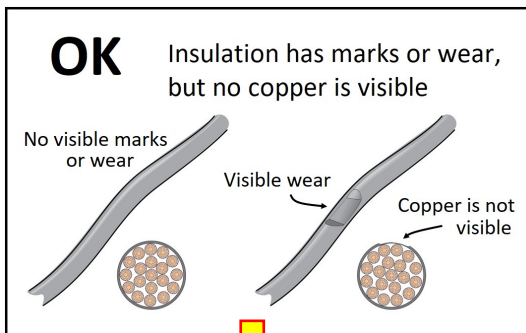
Proceed to Step #7



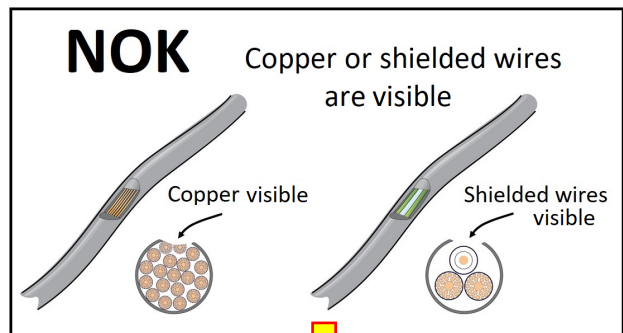
Proceed to Step #6

6. Inspect the condition of the wires

a) Open the wrap around the wires in the damaged area to be able to clearly see the wires inside the wrapped harness. Inspect each of the wires of the harness against the images below to determine the next steps. If any one of the wires found to be NOK, proceed to with the NOK instructions.



Re-Wrap Harness and Proceed to Step #7



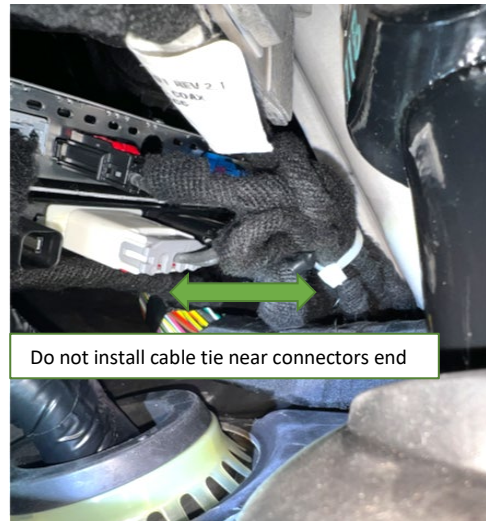
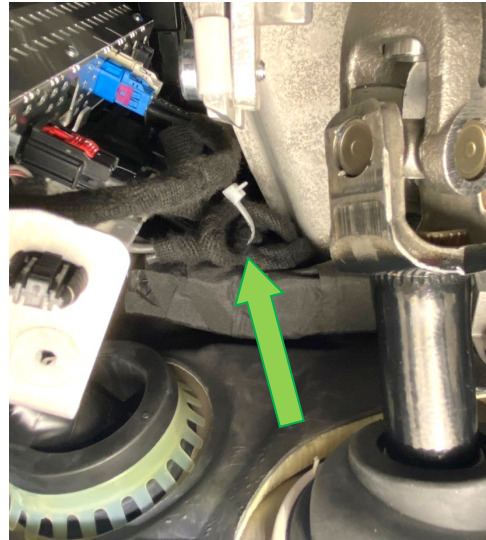
Submit FTS Escallation case and wait for further instructions

7. Secure ICC / BCM Harness Loops

CAUTION: The minimum bend radius of a wiring loop is 15mm.

CAUTION: Do not install the cable tie near connectors end or around individual wires.

- a) Reposition the ICC/BCM loop of the wiring harness ensuring at least the minimum required 20mm distance from the I-Shaft is achieved.
- b) Apply specified cable tie around the ICC/BCM loop to the adjacent harness bundle.
- c) Tighten the cable tie to secure the ICC/BCM connector harnesses away from the I-Shaft.



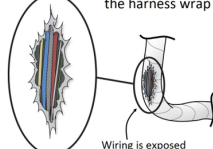
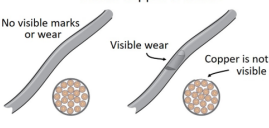
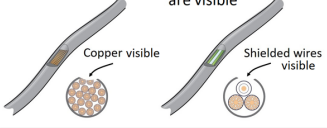



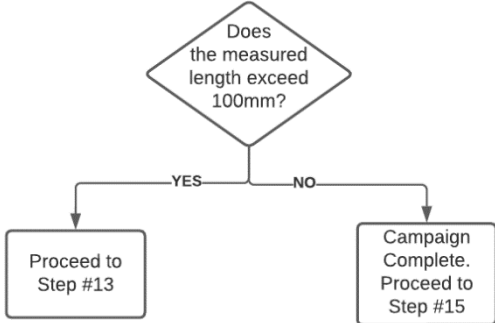
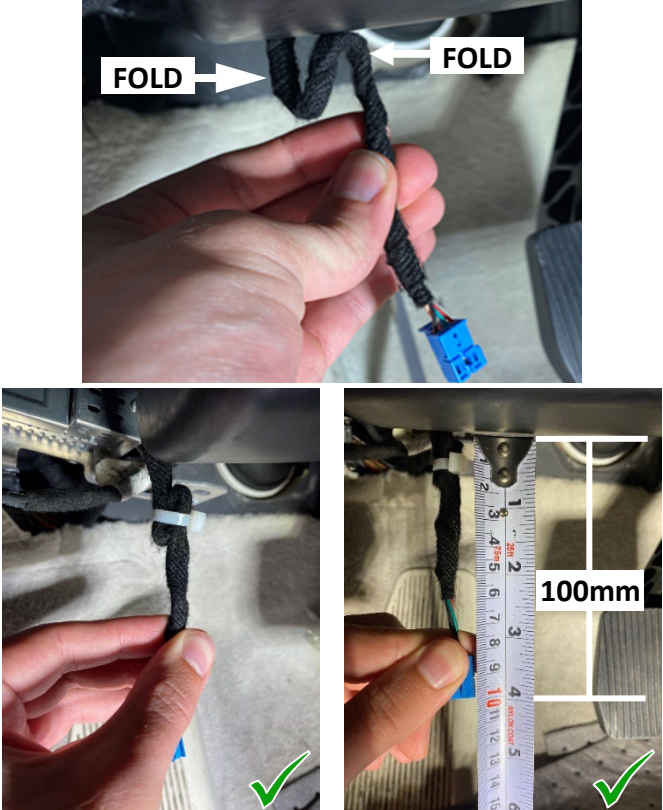
8. Inspect Harness to I-Shaft Clearance

NOTE: Ensure all wire harnesses cannot freely move within 20mm of the I-Shaft.

- a) Using a measuring device, confirm that the ICC/BCM wiring harness and all other cables are at a minimum clearance of 20 mm from the I-Shaft.



<p>9. Locate Ambient Light Harness</p> <p>a) Locate the ambient light harness that was removed from the driver's side hush panel on Step #2.</p>	
<p>10. Photograph Current Condition</p> <p>a) Photograph Ambient Light Harness before any work is performed.</p> <p>b) Document by attaching photos to work order.</p> <p>NOTE: Capture Ambient Light harness as the example picture on Step #9</p>	<p>Refer to image in Step #9</p>
<p>11. Inspect Ambient Light Harness for Damage</p> <p>a) Inspect harness wrap for damage as described in Step #5 and #6.</p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%; border: 1px solid black; padding: 5px;"> <p>OK No damage to the outer wire wrap.</p>  <p>No visible damage</p> </div> <div style="width: 50%; border: 1px solid black; padding: 5px;"> <p>NOK Visible damage to the harness wrap</p>  <p>Wiring is exposed</p> </div> <div style="width: 50%; border: 1px solid black; padding: 5px;"> <p>OK Insulation has marks or wear, but no copper is visible</p>  <p>No visible marks or wear Visible wear Copper is not visible</p> </div> <div style="width: 50%; border: 1px solid black; padding: 5px;"> <p>NOK Copper or shielded wires are visible</p>  <p>Copper visible Shielded wires visible</p> </div> </div>
<p>12. Inspect driver's side Ambient Light Harness Length</p> <p>a) Extend driver's side Hush Panel Ambient light harness downward.</p> <p>b) Measure the length of the harness from the end of the Connector to the bottom of the driver's Knee Airbag.</p>	

	 <pre> graph TD A{Does the measured length exceed 100mm?} -- YES --> B[Proceed to Step #13] A -- NO --> C[Campaign Complete. Proceed to Step #15] </pre>
<p>13. Adjust driver's side Hush Panel Ambient Light Harness</p> <p>a) Measure 100 mm of the Harness from the end of the Connector.</p> <p>b) Perform a 25 – 30 mm double fold of the Ambient Light Harness away from the Connector end.</p> <p>CAUTION: Ensure "double-fold" is done as far away as possible from the connector end.</p> <p>c) At the double fold of the Ambient Light Harness, as centered as possible, secure the harness together with the Cable Tie.</p> <p>NOTE: Ensure the harness from the end of the Connector to the bottom of the driver's knee Airbag is no longer than 100 mm.</p>	 <p>The top photo shows a hand holding a black braided harness with a blue connector. Two arrows labeled 'FOLD' point to the harness being folded. The bottom-left photo shows the harness secured with a white cable tie. The bottom-right photo shows a hand holding a ruler against the harness, with a white box and arrow indicating a 100mm measurement. Green checkmarks are present in the bottom-right corners of the two bottom photos.</p>
<p>14. Document Final State</p> <p>a) Photograph ICC / BMC Harness after repair</p> <p>b) Photograph Ambient Light Harness after repair</p> <p>c) Document by attaching photos to work order.</p>	
<p>15. Install Hush Panel</p> <p>a) Install driver's side hush panel</p>	<p>Refer to "Hush Panel – DS Remove and Replace" in the Service Manual</p>