

WIRING HARNESSES

WIRING HARNESS OVERLAY (G2159315)

DESCRIPTION AND OPERATION

Overview

Where damage to a vehicle or a wiring harness has occurred; it can be more cost effective to repair the wiring harness with an overlay or a lower level assembly, rather than replacing a full wiring harness. This is especially the case where pre-terminated leads or other wiring harness repair kits are not available.

Description

The overlays and lower level assemblies are available from the parts catalogue and include such items as;



NOTE:

Locate the damaged cable / assembly and connectors required. For additional information, refer to: Electrical Wiring Diagrams and Electrical Reference Library.

- SRS repair kits and wiring
- Antenna leads and other communication wiring
- Infotainment and display wiring
- Camera link leads
- Trunk / tailgate links and wiring
- Other special cables



CAUTIONS:

- Any damaged cable / assemblies must not be repaired and must be replaced.
- The replacement overlay must follow the original wiring harness route, to avoid the risk of introducing electrical interference issues.



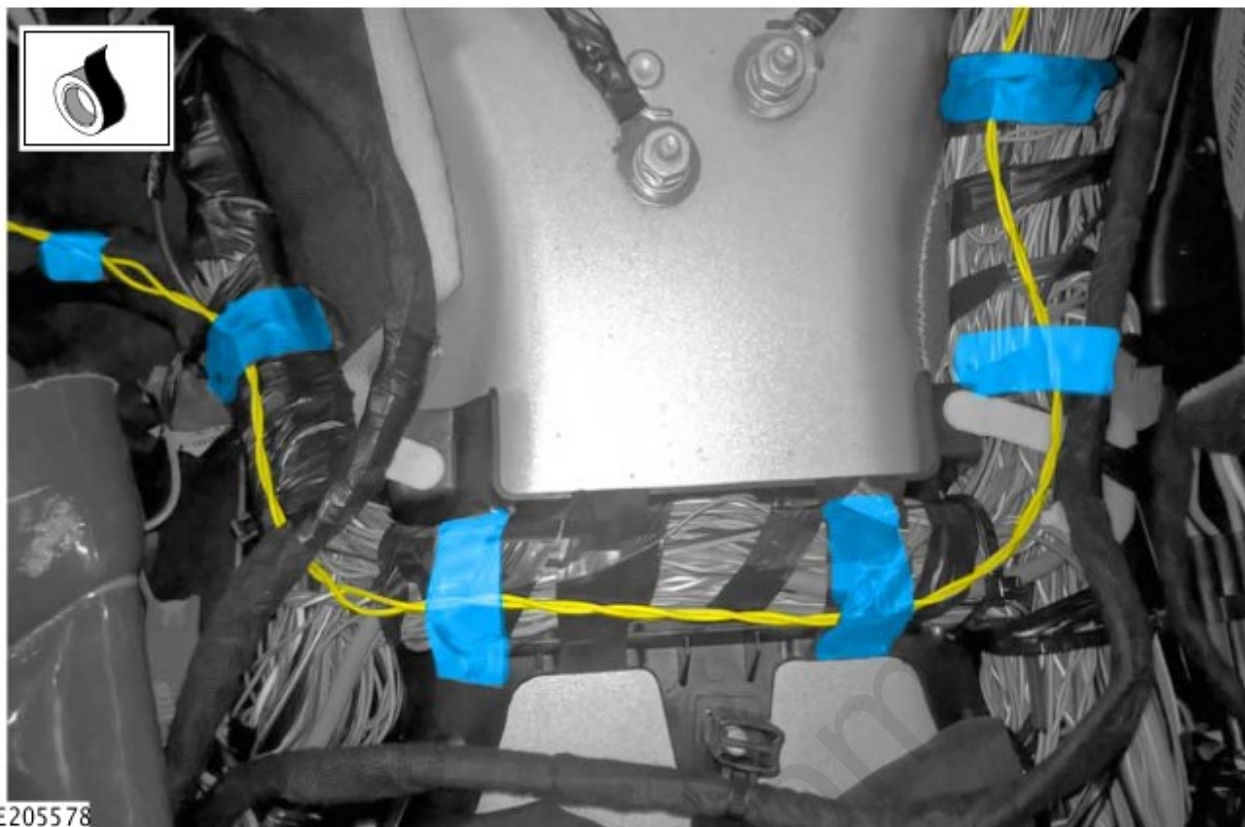
NOTES:

- The original cable / assembly must left be in the wiring harness and the overlay taped to the wiring harness along the original route.
- Where possible, when installing a replacement cable / assembly, cut off the unused ends of the damaged cable / assembly at their exit points from the host harness and discard.
- The cut ends must be free from sharp edges. Any strands of wire must be taped over, to prevent damaging adjacent wires or cables or any personal injury.
- The replacement cable / assembly must be attached with coverings to replicate the existing installation of the damaged cable / assembly.
- If the cut end of the cable / assembly is in an area of the vehicle, which is exposed to moisture, i.e. the engine bay; Cover the cut end with glue-lined heatshrink, squeezed with pliers to seal the end and prevent moisture ingress.

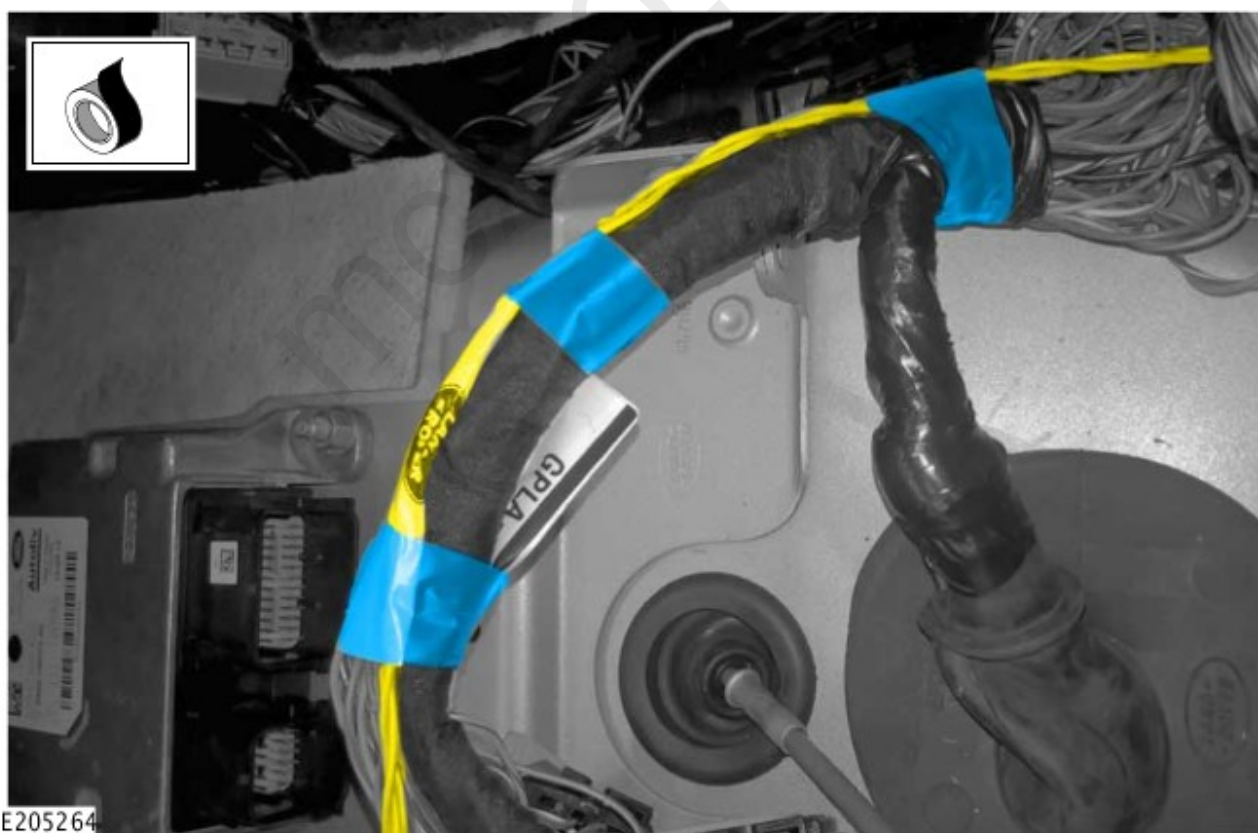
Examples

Some examples of installed wiring harness overlays are illustrated below:

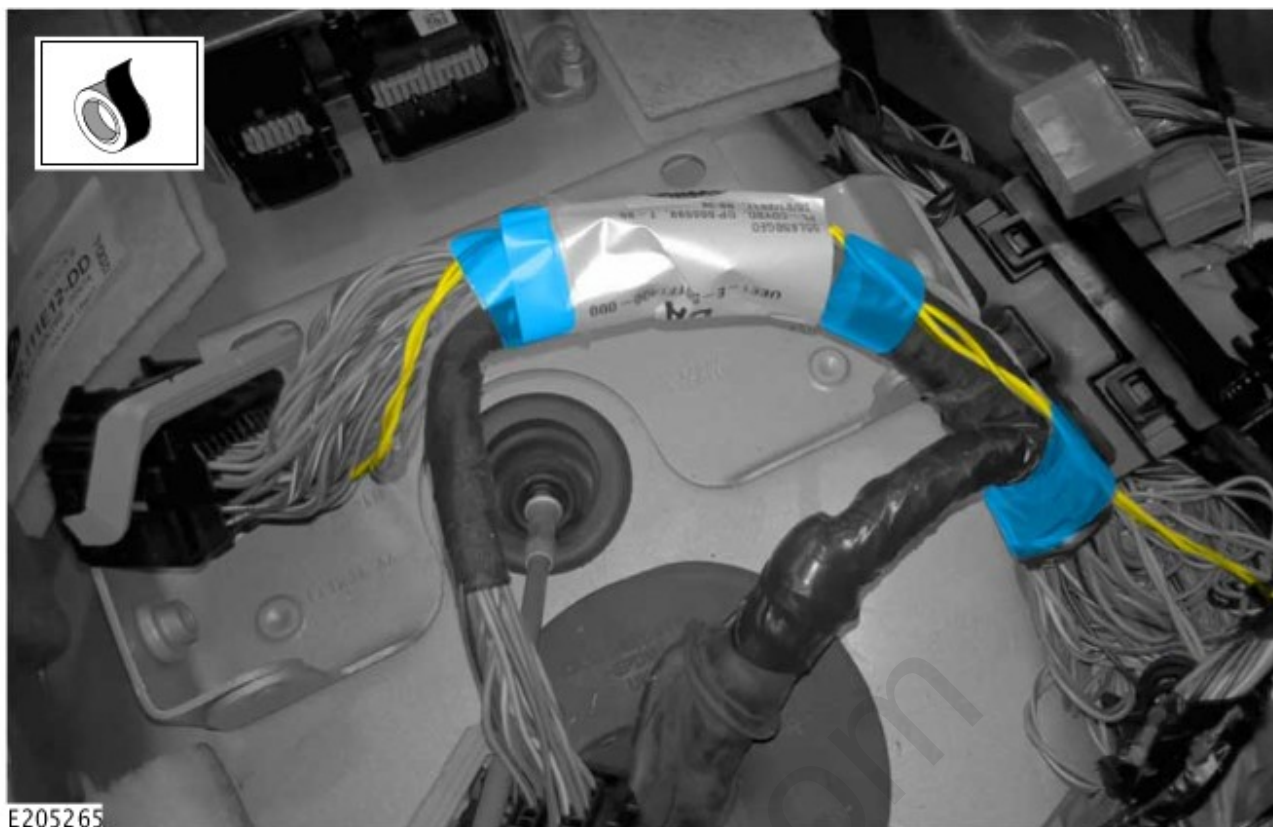
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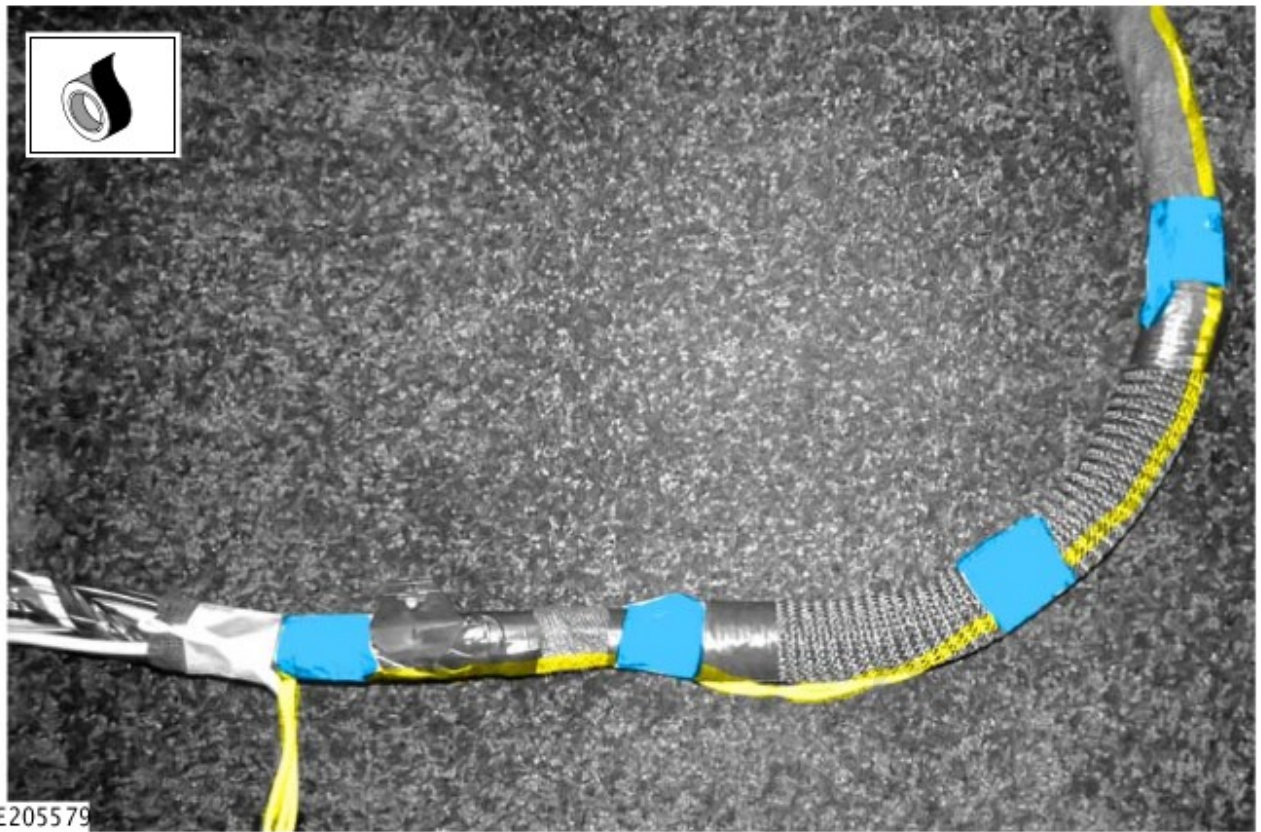
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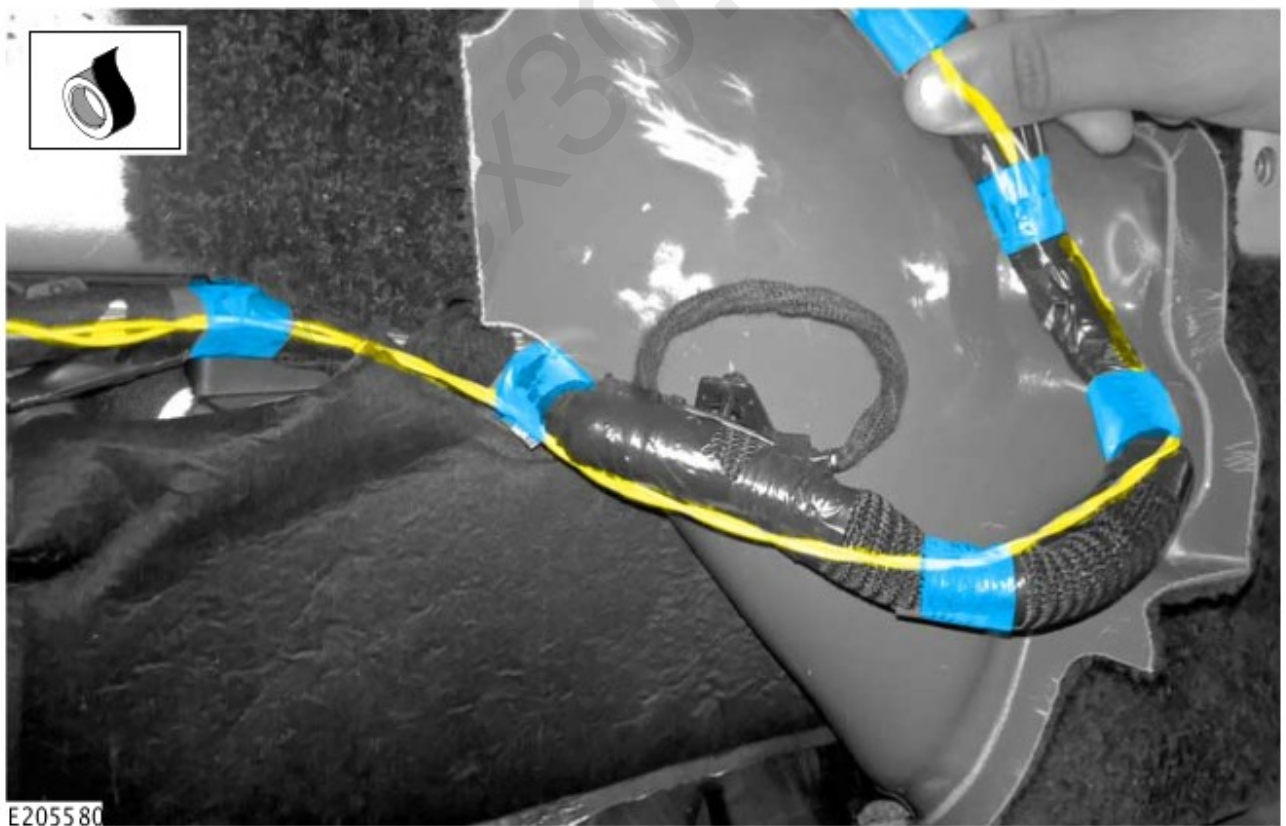
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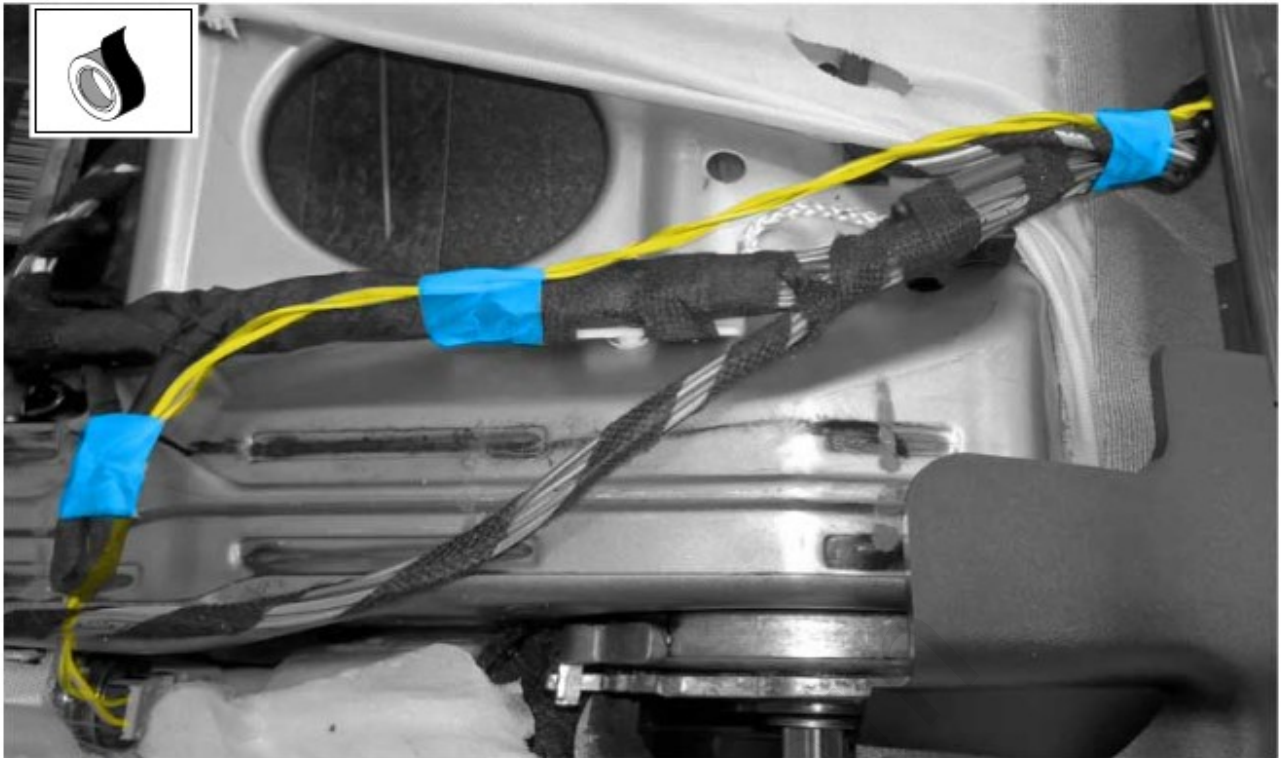
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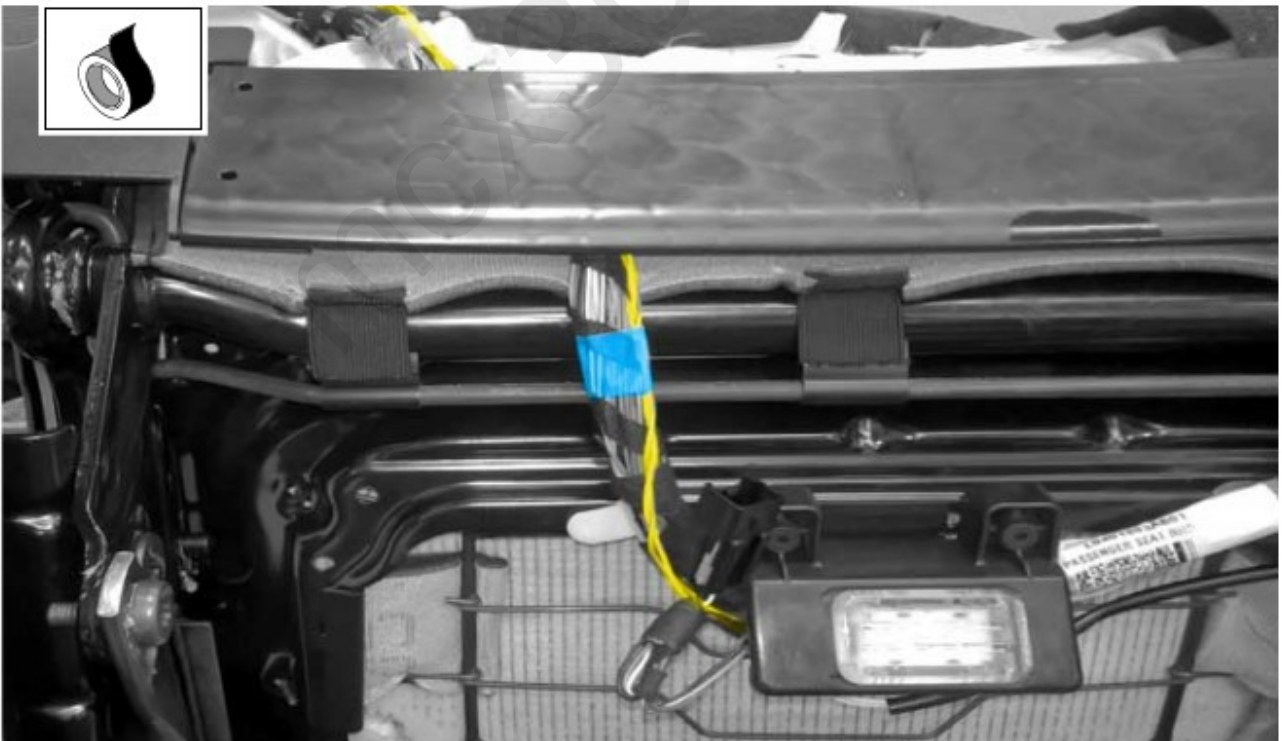
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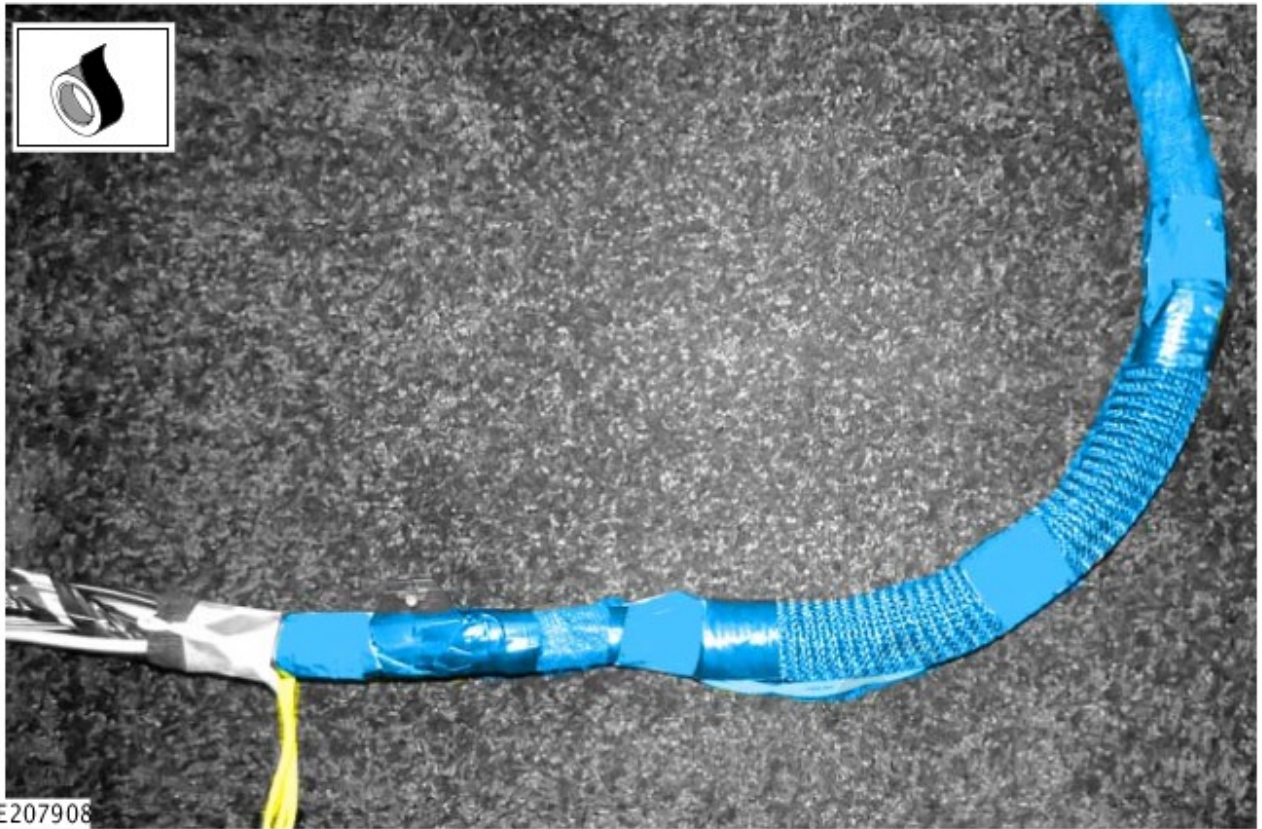
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Visible Wiring Harness Overlays

Where wiring harness overlays are visible, with all components in their installed condition, the overlay harness must be fully taped to the original wiring harness, with no gaps in the tape binding. Example illustration below:



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cmjjaGFyZG1vcnRvbjsyMDIwLTASLTE4VDExOjAyOjE4LjA4Mio7OTIuNDAuMTg5LjUzOw==

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