

 HARBINGER	Technical Service Bulletin
Bulletin Number: TSB-03-00002	
Date: 04/01/2026	
Subject: Upgrade ADAS System Camera Cables	
Applicability: All 2025,2026 Chassis	
Service Category: Wiring	
Section: ADAS	
Market: USA and Canada	

Introduction:

This TSB is recommended to address certain camera cables identified as non conforming, leading to intermittent camera connection loss. The root cause has been traced to a 90° connector part that loses connection under vibration.

To address camera connection loss, camera cables can be replaced with NEW cables with straight connectors

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Vehicle Applicability:

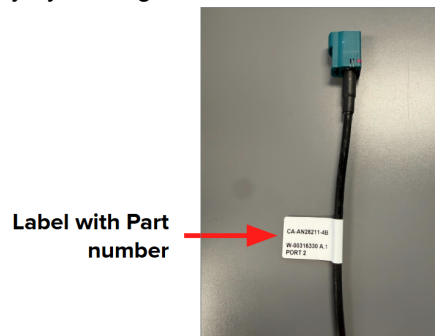
Model Year	Model
2025-2026	Chassis

Labor Operation	Labor Code	Allowance
ADAS 360 Camera Replacement		3.5 hrs
ADAS Standard Camera Cable Replacement		1.2 hrs

Parts to be replaced:

W-00060527	B	HARNESS, REAR CAMERA	
W-00060524	B	HARNESS, FRONT SHORT RANGE CAMERA	NOT needed for ADAS Standard trucks
W-00316331	A	HARNESS, SIDE CAMERA, DRIVER SIDE, 2m	
W-00316330	A	HARNESS, SIDE CAMERA, PASSENGER SIDE, 3m	

- Cables can be identified using the part number marked on the label which can be located near the straight connector towards the ADCU side.
- Cables can also be identified visually by looking at the connector. Please refer to the figure



Comparing Old and NEW cables.

Fig. Label with part number

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Non Conforming Cables 	Conforming - <u>GOOD</u> Cables 
Straight connector on the defective cables 90 deg connector on the defective cables	Straight connector on the <u>GOOD</u> cables (The <u>GOOD</u> cables do <u>NOT</u> have a 90° connector; they use straight connectors on both ends.)

Parts to use:

W-00577056	B	HARNESS, REAR CAMERA, FAKRA STR	
W-00572675	B	HARNESS, SIDE CAMERA, PS SIDE, FAKRA STR	NOT needed for ADAS Standard trucks
W-00572678	B	HARNESS, SIDE CAMERA, DR SIDE, FAKRA STR	
W-00577054	B	HARNESS, FRONT SHORT RANGE CAMERA, FAKRA STR	

- Replacement cables can be identified using the part number marked on the label which can be located near the straight connector towards the ADCU side.
- Replacement cables can also be identified visually by looking at the connector. Please refer to the figure Non Conforming and good cables.

CONSUMABLES NEEDED:

1. Slit Corrugated Loom, Split Polyethylene, .250" ID
 - a. 25 m- ADAS 360 Vehicle
 - b. 15 m - ADAS Standard Vehicle

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Click [LINK](https://tinyurl.com/2wzm3rvh) or type following URL <https://tinyurl.com/2wzm3rvh>

2. Black vinyl electrical tape
3. Zip ties

TOOLS NEEDED:

1. Split Loom Installation Tool: 1/4" to 7/16" For Nominal Size
 - a. Click [LINK](https://tinyurl.com/5cdj4bjw) or type following URL <https://tinyurl.com/5cdj4bjw>
 - b. Phillips head screwdriver

Guidelines and best practices:

- Route and secure cables so they do not get exposed to sharp edges
- Use grommets where cables need to pass through holes for abrasion protection
- Maintain minimum bend radius of 30 mm
- Anchor cables for strain relief
- Maintain clearance from moving parts

Notes

Note: ADAS Standard trucks are equipped with only the backup camera. Steps involving side or front cameras should be skipped for ADAS Standard trucks.

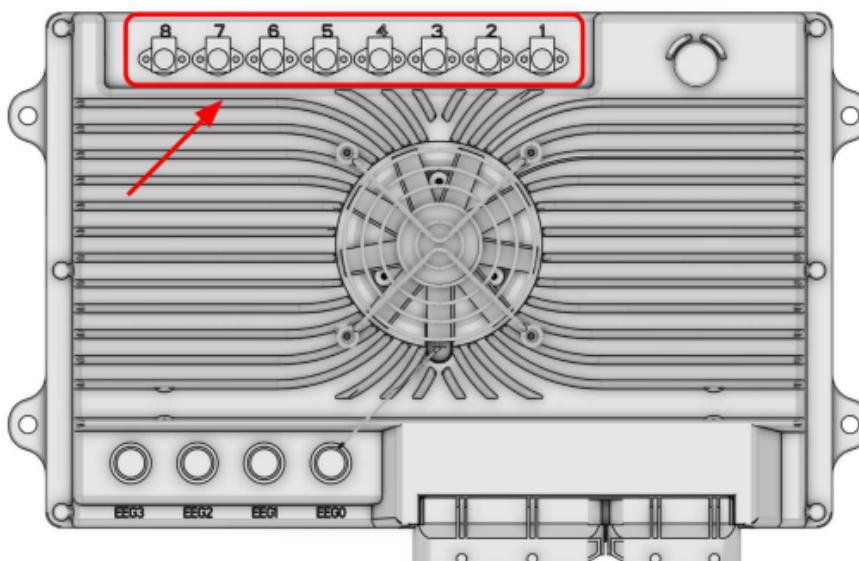
1. Install 1/4" split loom on all the four camera cables using the split loom installation tool.
2. Add 3 loops of black vinyl electrical tape at every 500 mm (20")
3. Replace the camera cables.

(Procedure will vary depending on the body installed during upfit.)

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Camera Connection Points on the ADCU Module:

Advanced Driver Control Unit (ADCU) Connections



ADCU Connection Ports

Camera	ADCU Connector Number
Rear camera	3
Driver side camera	4
Passenger side camera	2
Front short range camera	1

Note: For body specific instructions about cable routing and attachments you can contact the upfitter directly or contact Harbinger Motors Service for support.

Email: service@harbingermotors.com

Portal: <https://harbingermotors.zendesk.com/> with login

Version	Change descriptions	Author
1.0	Initial Release	David TenHouten
1.1	Contact details, ADCU connection Points	David TenHouten
1.2	Added Tiny URL, added Camera port table	David TenHouten, Kirby Yao

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1.4	Added best practices	David TenHouten
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