

Fifth Gen Cascadia Turn Signal/DRL - Update

Concern: Some Fifth Gen Cascadias may exhibit turn signal flashing white and/or out of sync with other turn signal lamps on the vehicle; random flashing sequence

Affected Models:
5th Generation Cascadia

Root Cause: Solder delamination on PCB due to thermal fatigue

Status Update:
Solder improvement created a part number change from A66-20649-008/009 to 010/011 (blue)
New higher efficiency LED was implemented to use less current. This will be marked by deviation number PDNY01+D4
In short: p/n **A66-20649-010 or 011 w/ PDNY01+D4 is a good part** or A66-20649-012 or A66-20649-013 once they are available. These do not need replaced

Correction: Follow CAL 054-043. Make sure you have part before downing a truck.
Replace the headlamp assembly.

****Use suction cup pullers** to firmly pull out and remove the side radome. Remove the side radar mounting fasteners, then remove the side radar unit. See Fig. [4](#)

Production Changeover: June 2026 – Higher Efficiency LED
Fleet Population: ~125 Units Affected

SAF
A66-20649-011/J/HB/DRL/L
01-8480-3/PDNY01+D4/PDNY01+B8
20260522000145
GR02

P/N	FUNCTION	NOMINAL CURRENT I(A) @ 14.2V	TOLERANCE PCT.	MAX POWER W
1	LOW BEAM	1.62	25	24.7
	LOW BEAM @ 70 PCT (WITH HIGH BEAM ON)	1.13	25	17.3
2	HIGH BEAM	0.97	25	14.8
3	GROUND	N/A	N/A	N/A
4	TURN	1.12	25	19.9
5	SIDE MARKER	0.85	25	2.5
6	DRL	0.97	25	14.8
7	PARK/POSITION	0.14	25	2.49
8	NOT USED	N/A	N/A	N/A
9	DE-ICING	6.30	10	0.0
10	NOT USED	N/A	N/A	N/A

Headlamp assembly image showing new p/n

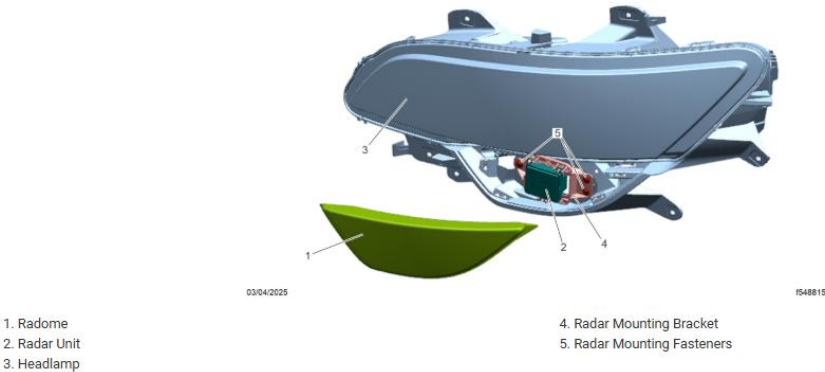


Fig. 4, Front Radar Removal

[Removal of the Headlamp - Technical Literature](#)
[Installation of the Headlamp - Technical Literature](#)
[Aiming and Adjusting the Headlamp - Technical Literature](#)

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Daimler Truck North America LLC

Customer Advisory Letter

Date: 07/14/2026
CAL FTL 54-043_REV1

Subject: 5th Generation Cascadia Headlamp Turn Signal Not Functioning

Make: Freightliner
Model: 5th Generation Cascadia
Model Year Affected: 2026
Build Date Range: Selected Vehicles Built From July 31, 2024 through May 27, 2026

Our records indicate that you are the owner of certain 5th Generation Cascadia vehicles with suspect headlamps; therefore, DTNA has decided to share the following documentation with you.

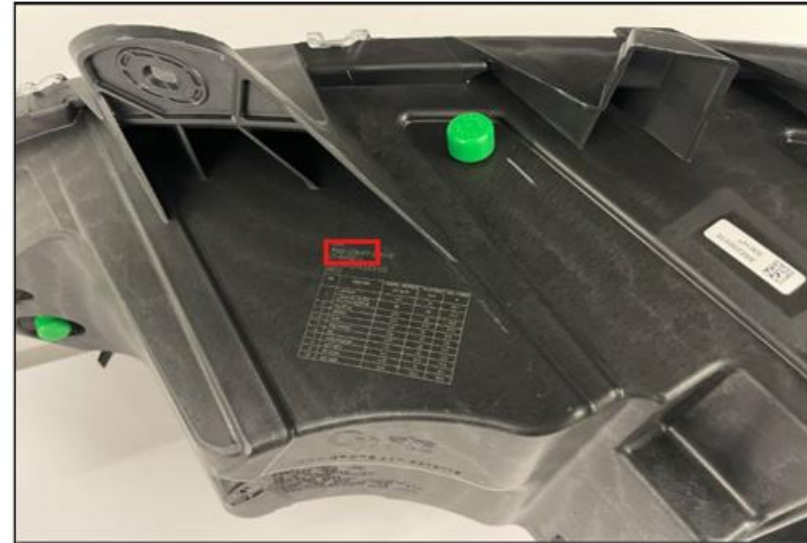
Please see the attached communication in this email. We hope you find this information helpful.

General Information:

To identify known good headlamps, follow the instructions below.

Work Instructions

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Identify the headlamp part number (A66-20649-XXX) by locating the part number stamp on the top of the headlamp housing.



3. If the part number is A66-20649-006 through A66-20649-009, it is a suspect part and should be replaced.