


DTNA Solutions > Discussions and Feedback > Tech Talk > Inoperative Driver's Side Headlight



 Harry_Bridge

Lube Tech

05-24-2021 08:04 AM

Inoperative Driver's Side Headlight

Vehicle Information

VIN: 1FVACWFF2LHLL8584

Model: M2 106 CONVENTIONAL CHASSIS

Model Year: 2020

Mileage: 31922 miles

Make: FTL

Are you currently seeing this same issue on other DTNA vehicles at your location?: no

Base Model: M2106

Vehicle Systems Involved

EXTERIOR LIGHTING

The headlights on the driver's side only are not operating. They are LED lights and I tested and found 13.6 volts at the connection to the light fixture. The marker/turn signal on the same side works without an issue. There was one fault code on the driver's display, 33 Bulkhead, SPN: 879, FMI:6, which reads out as a left turn lamp circuit current above normal or grounded circuit. This chassis carries an ambulance body for the regional children's hospital and the earliest I can get it into the local Freightliner service center is next week. Was hoping to find something that I could possibly fix myself in order to keep this ambulance in service.


Add tags



1 Kudo

Reply




 Keith_Jordan1

Lube Tech

05-24-2021 08:10 AM

Don't forget the ground side of the circuit. Try using jumper wires to test the light independent of the vehicle.

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 2 Kudos

Reply



 jim
Lube Tech

05-25-2021 07:13 AM


Check fuses

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 0 Kudos

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 Brandon_Crouse
Knuckle Buster


05-25-2021 08:28 AM

Is it 13.6v with the light disconnected? With the light plugged in does voltage drop out? If so, you likely have a bad circuit-either power or ground.

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 2 Kudos

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 Anthony_Delia
Grease Monkey

05-25-2021 04:02 PM



We have seen numerous late model M2's with the front hood light ground splice pack with burnt pins. See this bulletin: 54-334


https://dtnacontent-dtna.prd.freightliner.com/content/dtna-servicelit/bulletins/en_us/freightliner/s...?

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3 Kudos

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 Kyle_Siebert
Optimus Prime

05-25-2021 08:40 PM

That code is for CHM left turn overcurrent. C3.N has a FET limit of 7.45 amps. This same FET is tied into the left rear turn and trailer left turn. Does your left turn signal, front and rear work?

The other thing to consider the the actual headlamp for driver side is controlled by the BHM B1.R and has a 6.7 amp limit. Its not tied into any other circuits for that FET. Unplug B1 and the headlamp connector and check for a short to ground in that circuit. Reconnect the headlamp and apply a fused power to that pin R and see if the headlamp comes on or if the fuse blows on your external source.

More than likely you have a burnt ground splice pack Like the previous guys were saying.

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 0 Kudos

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