

DTNA Solutions > Discussions and Feedback > Tech Talk > turn signals



Arie_Breedyk

Lube Tech

05-13-2021 01:25 PM

turn signals

Vehicle Information

VIN: 1FVACWFC1MHMU7447

Model: 106

Model Year: 2020

Mileage: 20875 miles

Make: DTNA

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

Base Model: M2

Vehicle Systems Involved

EXTERIOR LIGHTING

Intermittent 1491/6, 879/6, 881/6. only comes active on very rough roads. neither of the front turn signals share any wires or components. No T/S for 1491 is available. Unit is a flatbed tow truck, removed bed from harness and it still happens. All codes stay active until key is cycled, resetting the FET is BHM then everything goes back to normal again. I already have 8 hr in this troubleshooting the bed side, then eliminated it. Codes still came active all at the exact same time

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0 Kudos

Reply



Brett_Hall1

Wrench Turner

05-13-2021 03:26 PM

check SS 1033988. drag test terminals

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0 Kudos

Reply



Brett_Hall1

Wrench Turner

05-13-2021 03:30 PM

also check out. M2 BHM code SPN 7000 FMI 4 and 6. AKA SPN 1491 type code into search bar at top of screen

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0 Kudos

Reply



Jon_Cecil

Gear Head

05-13-2021 08:20 PM

Yes, 1491 and 7000 codes are the same faults. Different BHM versions I think are the difference. Sounds like you have two different issues going on. The 1491 fault has to do with a short to ground on 29A circuit. This circuit is only in the dash. Issue is it goes to every component with that circuit which is pretty much all switches, ICU, HVAC controller and don't forget the radio. Have seen this wire shorted around steering column area and on back of radio. Might be a good idea of doing a visual inspection behind the dash. As far as the 881 and 879. These circuits leave the CHM and route to the front. Really common areas I've seen are front cab mount and fuel tank on certain M2s with round fuel tanks. Best option that I can recommend is isolate your 39R and 39L circuits from the bulbs to the CHM. Check for resistance to ground. Leave your meter on it and move the harness around to try and duplicate. Sometimes spraying water under the truck will help find shorts as the water makes better contact for the wire to short out.

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 1 Kudo

Reply

