

M-2 gauges inop at times



[Dennie Ward](#) 1 posts since Nov 20, 2014

M-2 gauges inop at times Sep 2, 2020 4:49 PM

We had an M-2 that gauges and lights were inop. at startup. Attached is pictures of the findings. Here is the technician notes. PULL TRUCK IN SHOP AND ALL LIGHTS AND GAUGES WERE WORKING OK. LET TRUCK SIT FOR A FEW MINUTES AND CHECKED BATTERY CONNECTIONS AND GROUNDS. TURNED KEY ON AND NO ICU. HOOKED LAPTOP UP AND FOUND MULTIPLE POWER SUPPLY CODES. CHECKED PDM AND FOUND MULTIPLE FUSES WITH NO SUPPLY POWER WHERE AS OTHERS DID. CHECKED THE 2 POWER FEEDS TO PDM AND FOUND THAT 1 HAD NO POWER. CHECKED POWER AT PDM END OF SUPPLY CABLE AND FOUND NO POWER TO CABLE UNTIL I MOVED IT AND POWER CAME ON REMOVED NUT AND FOUND PAINT ON BACKSIDE OF NUT. NUT WAS LOOSE FROM FACTORY AND THEN PAINTED WITH THE SEALER SO CABLE WOULD MAKE INTERMITTENT CONTACT WITH PND B BASE. REMOVED NUT AND CABLE CLEANED SURFACES AND REASSEMBLED. TEST AFTER WITH GOOD RESULTS.

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[Talbert Simonian](#) 1,741 posts since Nov 21, 2014

Re: M-2 gauges inop at times Sep 3, 2020 6:48 PM

That is a good find. I have seen similar issues on the P4 New Cascadia.



[Kyle Siebert](#) 3,910 posts since Nov 14, 2014

Re: M-2 gauges inop at times Sep 15, 2020 11:35 PM

Haha, yes! I have seen this before on a M2. It was the same cable but loose at the fender PDM. I think the ICU has a green with a white stripe wire as battery feed, that gets power thru the fender (remote) PDM. Great thing to know and where to check when its a intermittent complaint.