

DTNA Solutions > Discussions and Feedback > Tech Talk > Wont crank



Dave_Ricks

Knuckle Buster

04-22-2021 05:20 AM

Wont crank

Vehicle Information

VIN: 3AKJGLD50GSGU6218

Model: CASCADIA 125 INCH SLEEPER CAB

Model Year: 2016

Mileage: 640100 miles

Make: FTL

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

Base Model: CA125SLP

Vehicle Systems Involved

POWER TRAIN

ELECTRICAL

I have a truck that wont crank. I'm getting power to the solenoid on the starter but it pulses. Then i removed the signal wire and used an LED test light and its getting 12v but pulses. I also left the key on and jumped the solenoid and got it to crank but not fire. I assume the reason it wouldn't fire is because the starter circuit isn't hardwired in the ECM. Also the truck is in neutral. What is the possibility the Sam cab has failed.

Add tags



0 Kudos

Reply



Ryan_Ireland

Wrench Turner

04-22-2021 06:03 AM

Suggest you connect and ensure the powertrain modules are connecting (cpc,mcm,acm) if one is not need to discover why no ign power, no ground. Typically if it will crank by jumping starter but will not start its due to communication issue with powertrain module. if you believe the SAM Cab has failed prove its failed rather than using part swapping diagnostics. The crank signal does go through the MCM

Add tags



1 Kudo

Reply



 Jeremy_Lange1

Lube Tech

04-26-2021 09:42 AM

Have you reprogrammed any modules on the truck before the starting problem? Check the thermal switch on the starter. I had one that would show 12.0 volts through the switch but would not hold the amperage. Disconnect the switch on the starter and jump it. If it starts up you may need to replace the starter.

Add tags



0 Kudos

Reply

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