



Graham_Jones

Wrench Turner

05-14-2021 07:17 AM

FCCC Fuel gauge empty when full

Vehicle Information

VIN: 4UZFCHE3MCMN1006

Model: XCR RAISED RAIL REAR ENGINE
MOTOR HOME CHASSIS

Model Year: 2021

Mileage: 4109 kilometers

Make: FCC

Base Model: XCR CHASSIS

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

Vehicle Systems Involved

FUEL SYSTEM, OTHER

ELECTRICAL

Just had an interesting one with a Fuel gauge that was showing empty whenever the tanks were full. Other tech dropped the tank to replace the sender and with the new sender we found the same issue was happening. After hooking everything up externally directly to the Viper module we found that when sending unit was directly at the full position (30ohms) it would read empty and when dropped slightly to about 34ohms it would read full.

After calling FCCC this is a common issue apparently with the Viper module seeing 30ohms as being out of range and will fault to empty and needs to be replaced. We have wasted far too much time on this so hopefully this helps someone and saves some time. This is a unit with the LCD dash.


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6 Kudos

Reply



 Michael_Palumbo
King Pin


05-14-2021 07:39 AM

Thanks for the info.

The 2021 LCD dash you are referring is the DriveTech dash, an update to the previously LCD named Optiview. Have you already replaced the Viper module and did it fix the issue?


Whether you think you can or you think you can't, you're right. – Henry Ford

Add tags

 3 Kudos

Reply




 Graham_Jones
Wrench Turner

05-14-2021 09:44 AM

Haven't replaced it yet as we just got it ordered today but from what the guy at FCCC said this is a very common issue so I have high hopes.

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 0 Kudos

Reply



 Jon_Cecil
Gear Head

05-14-2021 09:03 AM

Already ran into this issue myself which replacing the Viper module repaired the problem. I don't remember the resistance but only the signal wire returns to the Viper module. The other is grounded. Checking the Viper module showed low resistance indicating it was full.

Add tags

 2 Kudos

Reply

