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 Anthony_Kasper
Knuckle Buster

05-12-2021 12:41 PM

Powertrain Overspeed Detected

Vehicle Information

VIN: 3AKJHHDR9MSLL1438

Model: NEW CASCADIA 126 INCH
SLEEPERCAB

Model Year: 2021

Mileage: 78,565 miles

Make: FTL

Base Model: PT126SLP

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

Vehicle Systems Involved

ELECTRICAL

VEHICLE SPEED CONTROL

OTHER SYSTEM (icuc)

Something I Had come across that I couldnt find much info on..

I Had a customer complain about a "Powertrain Overspeed Detected" light that would "flash" while driving. i had inactive codes 84/11 and 84/0. T-Shooting said this is a informational code only. I could not get message or light to come on while city driving. I did not know what that message even looked like and the drivers manual did not have any message that I could find relating to this. Got more info from cust and they said it happens when going "fast".

Took truck on highway, road speed limit was set to 70.006MPH, drove truck and speedometer reads 70MPH and message would come on along with check engine light, RPMs were at about 1400-1500rpms. got back to shop reviewed logfile and all speeds in the modules at the time of the message were about 70.256mph. review parameters and found parameter in CPC 330 "Vehicle Speed Sensor". with VSS Overspeed Threshold while driving and VSS Overspeed Threshold while coasting both set to 70.006 (this is normally set to 99 factory default).

Change those two parameters to default 99mph and road test unit and verified message no longer appears.






Add tags

 1 Kudo

Reply



 Dave_Ricks
Knuckle Buster

05-13-2021 04:25 AM


I have seen this a lot with used trucks. So I always go in and bump the threshold up so the light don't come on.

Add tags

 1 Kudo

Reply



 Anthony_Kasper
Knuckle Buster

05-13-2021 07:58 AM


I didnt know this was even a thing until now. All the techs in the shop didnt know this, and when I called CSC and asked them if there was a message or light that said "Powertrain Overspeed Detected" they said they never heard of that light or message. Learn something new every day!

Add tags

 0 Kudos

Reply



 Scott_Trippel
Optimus Prime

05-13-2021 10:55 AM

Those abilities have been there for a long time. It is there for fleets who want to know when their operators are exceeding the speed limits. It is possible to set these on a S60 and all HDEP engines not Just a P4

Add tags

 0 Kudos

Reply

