

DTNA Solutions > Discussions and Feedback > Tech Talk

> Front disc brakes are locked up as well as the tra...



GeorgeP

Lube Tech

04-15-2021 02:25 PM

Front disc brakes are locked up as well as the trailer service brakes

Vehicle Information

VIN: 3AKJHLDV3NSMV9031

Model: Cascadia

Model Year: 2022

Mileage: 15622 miles

Make: Freightliner

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

Base Model: t123664st

Vehicle Systems Involved

SERVICE BRAKE, HYDRAULIC ELECTRICAL

OTHER SYSTEM (detroit assurance)

SERVICE BRAKE, AIR ROLLOVER


Air pressure is provided by the truck to both the front steer axle chambers as well as the service side of the trailer while brakes are released. No air is coming from the foot valve delivery ports to the relay valve in the front. Brake lights stay on. Problem occurred while the driver was making a right hand turn. Driver said the anti roll light came on and the brakes applied. ABS fault code for wheel speed sensors however I suspect that they are melted since the driver continued to drive the unit causing the front hubs to get hot enough to melt the hub caps

Add tags

0 Kudos

Reply



 Michael_Palumbo
King Pin

04-15-2021 05:24 PM

Trailer hand brake or double check valve sticking or leaking air internally?
Schematics are in BOM 99s.


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

Add tags

 0 Kudos

Reply



 Talbert_Simonia
King Pin

04-15-2021 06:25 PM


I would check modules 883 and 99S They show how the front axle and trailer TP valve are tied together. It could be the TP, DB Check Valve, or the Trailer Hand valve.

Add tags

 1 Kudo

Reply



 Michael_Palumbo
King Pin

04-15-2021 06:46 PM

Trailer brakes dragging sounds a lot like

[🗨️ New Gen Cascadia with Cruise Inop and Brake Lights on Due to Double Check Valve Mounted Improperly](#)


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

Add tags

 2 Kudos

Reply



 Kyle_Siebert
Optimus Prime

04-16-2021 04:33 PM

I agree with the above.

I have experienced some weird error messages and codes during a brake burnishing routines. The truck doesn't like it when your on the accelerator and brakes while turning.

Add tags

 0 Kudos

Reply