

DTNA Solutions > Discussions and Feedback > Tech Talk

> Re: P4 New Cascadia ABS Fault Code 520247/31 --Fai...



 Anthony_Kasper
Knuckle Buster

04-01-2021 12:09 PM

P4 New Cascadia ABS Fault Code 520247/31 --Failure Memory Bit (ESC) Condition Exists



Vehicle Information

VIN: 3AKJHHDR1LSLM9916

Model: NEW CASCADIA 126 INCH
SLEEPER CAB

Model Year: 2020

Make: FTL

Mileage: 149190 miles

Base Model: PT126SLP

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

Vehicle Systems Involved

SERVICE BRAKE, AIR

ESC RSC

ELECTRICAL

OTHER SYSTEM (Stability)

I Had code 520247/31 and followed SS 1033257 and it led me to replacing the ESC and i contacted WABCO to get approval and they had requested me to check to see if there was a loose or delaminated sticker on the esc module. The person at wabco explained to me that he had 4 other cases this week that had stickers on the ESC module causing this code because if vibration.

I had removed the sticker and performed EOL and the code went away.

****PICTURE ATTACHED****



Add tags

 Preview file
318 KB



4 Kudos

Reply



 Talbert_Simonia

King Pin

04-01-2021 07:15 PM

So the little flap at the left side of the sticker is causing this?

Add tags



1 Kudo

Reply



Anthony_Kasper

Knuckle Buster

05-10-2021 05:52 AM



YES, i was told that little flap was vibrating and causing signal issues! I know it sounds crazy, but thats what someone at WABCO told me to check , and after i removed the sticker, did the EOL it passed. I also just recently found another one with the same issue.



Add tags



0 Kudos

Reply



Rolandas_Zulca
Knuckle Buster

04-06-2021 11:15 AM



Got same fault few days ago. Front radar was damaged and replaced. Before alignment procedure had that ABS fault too. Became inactive after radar finished aligning

[UDS-1] MCM21T - Motor Control Module 2.1					
 	Minimum Rail Pressure for Injection Not Achieved	157	17	previously confirmed, previously active	Traditional
[UDS-11] ABS02T - Antilock Braking System					
 	SPN/FMI=520247/31 Failure Memory Bit (ESC) / condition exists	520247	31	active	Refer to OEM
 	SPN/FMI=1807/0 Steering Wheel Angle / data valid, but above norma...	1807	0	not active	Refer to OEM
[UDS-33] SSAM02T - Single SAM					
 	MQ Switch Bus - malfunction	520197	31	previously active	Traditional
[UDS-42] RDF02T - Radar Frontend 2					
 	ECU not aligned	523004	13	active	Traditional
[UDS-232] VRDU02T - Video Radar Decision Unit 2					
 	ECU RDF data error	524042	19	active	Refer to OEM
 	ECU RDF timeout	524042	9	not active	Refer to OEM

Add tags



0 Kudos

Reply

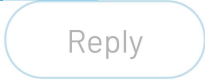


Matt_Tuckey
Apprentice

04-08-2021 05:32 PM

Sticker or label issues are becoming very common. We have a local fleet with front radar and we have had a couple units in with complaints of unintended braking and obstacle detection and it has been a falling off part number label.

Add tags



 Anthony_Kasper
Knuckle Buster

05-10-2021 05:53 AM

Was this the label on the front radar you're talking about?

Add tags

