

DTNA Solutions > Discussions and Feedback > Tech Talk
> replacement surge tanks not relieving pressure



Daniel_Gardepe
Apprentice

04-21-2021 05:14 PM

replacement surge tanks not relieving pressure

Vehicle Information

VIN: 1FUJGLD52GLHH3513

Model: CASCADIA 125 INCH SLEEPER CAB

Model Year: 2016

Mileage: 600000 miles

Make: FTL

Are you currently seeing this same issue on other DTNA vehicles at your location?: yes

Base Model: CA125SLP

Vehicle Systems Involved

ENGINE AND ENGINE
COOLING

hey guys, we may be overthinking on a couple of units, but we wanted to get some insight,

On multiple units when using the upt ss22069 coolant surge tanks, the tanks are not relieving pressures upwards of 25 P.S.I. and we believe it may be causing issues in our fleet, i was wondering if you might have any input on whether that is normal operation? and is this a common failure using these bottles?

Add tags



0 Kudos

Reply



Brett_Hall1
Knuckle Buster

04-22-2021 06:52 AM

parts pro shows there is a 15 psi pressure cap on the driver side of surge tank. p/n 05-20763-001. i would make sure that the vent line is not blocked or pinched. also check if there is compression in the cooling system and check if thermostat is working correctly

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2 Kudos

Reply



Daniel_Gardepe
Apprentice

04-23-2021 05:45 PM

caps are relieving pressure when tested separate from the bottle, when installed to the bottle, if the fill port is used to add pressure then the pressure does not bleed off

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0 Kudos

Reply



Scott_Trippel
Optimus Prime

04-22-2021 11:58 AM

Test the pressure cap

Remove the pressure/filler cap. Using the Snap-On tool radiator-cap tester , check the pressure relief cap to see if it maintains pressure to within 10% of the pressure rating marked on the cap. If it does not, replace the cap. Make sure that the replacement radiator cap is correctly rated for the cooling system of the vehicle. Use the recommended tool P/N TA53

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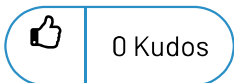
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Daniel_Gardepe
Apprentice

04-23-2021 05:46 PM

I replied to one above, but in short the caps function correctly

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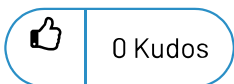
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Talbert_Simonia
King Pin

04-23-2021 06:09 PM

Pressurizing at the fill port of the surge tank. You should get it to bleed off at the overflow tube at 15-17 PSI. If not and you believe that the overflow cap is good. I would closely look at the surge tank.

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