

DTNA Solutions > Discussions and Feedback > Tech Talk

> 121-8861-005 - 3 compartment air tank with one way...



Sashi_Lautar_Pcv

Knuckle Buster

05-02-2021 08:25 PM

121-8861-005 - 3 compartment air tank with one way internal check valve



Vehicle Information

VIN: 5KKJBEDR1JPJP8088

Model: WESTERN STAR 4800/4900SF
CHASSIS

Model Year: 2018

Make: WST

Mileage: 450,000 kilometers

Base Model: 4900FA

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

Vehicle Systems Involved

SERVICE BRAKE, AIR

The 121-8861-005 air tank has 3 compartments with a one way valve in the wet tank which is non serviceable. This valve has a high failure rate and cannot be replaced. The complete air tank has to be replaced when this valve fails, an expensive exercise. Is there a parts kit and instructions available to install an external valve at a lower cost as opposed to replacing the complete tank?

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92 KB

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166 KB

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35 KB



0 Kudos

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Scott_Trippel

Optimus Prime

05-03-2021 07:02 AM

Odd we do not see that failure very often, a few times a year.
I think because Western Star has so many options, it should be discussed with your sales team if this can be optioned as separate tanks, my feeling is that it is.

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1 Kudo

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Kyle_Siebert

Optimus Prime

05-03-2021 11:09 AM

42-061 Reservoir Internal/External Check Valve

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2 Kudos

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Kyle_Siebert

Optimus Prime

05-03-2021 11:09 AM



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2 Kudos

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Scott_Trippel

Optimus Prime

05-03-2021 03:27 PM

Nice find, except I see it does not apply to Western Star???

I tried searching 42 in title, and "internal check valve" inside document

The dots just kept spinning

Add tags



1 Kudo

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