

6X4 eAxle Breather Hose Relocation to Reduce Water Intrusion Risk

TSB-35-043-FTL

Creation Date: 2026-08-19

Engine or Vehicle Affected:

► eCascadia

Warranty applies to this described condition. See the warranty information at the end of this bulletin.

Described Condition

eCascadia 6x4 vehicles built from January 4, 2023 through February 23, 2026, have an axle breather hose that terminates on the side of the eCarrier in an area exposed to high road spray. During operation in wet conditions, water may enter the axle housing through the breather system and contaminate the axle lubricant. Contaminated lubricant may appear milky during routine maintenance inspections, such as axle oil level checks or oil changes. If this condition is found, update the axle housing vent line routing using the procedure in this bulletin.

Table 1, Parts Table

Part Number	Description	Quantity
A 000 987 27 27	PIPE - PLASTIC	29 ft
23-14137-000	CABLE TIE ASSEMBLY - FIR TREE MOUNT	1
23-13476-000	TIE - CLAMP, 0.5 WIDTH, 15 LENGTH, 4.13 BUNDLE	12

Table 1, Parts Table

Procedure

- ☐ Park the vehicle on a level surface, shut down the vehicle, and apply the parking brake. Chock the tires.
- ☐ Remove the four between-rail deck plates.
- ☐ Cut all cable ties securing the old breather lines. Disconnect the breather air lines from the eCarrier and remove them from the vehicle.
- ☐ Route the new breather lines (one per axle) from the front side of the crossmember 561, located between the inverters, to the eAxle breather line fittings. See Fig. [1](#).

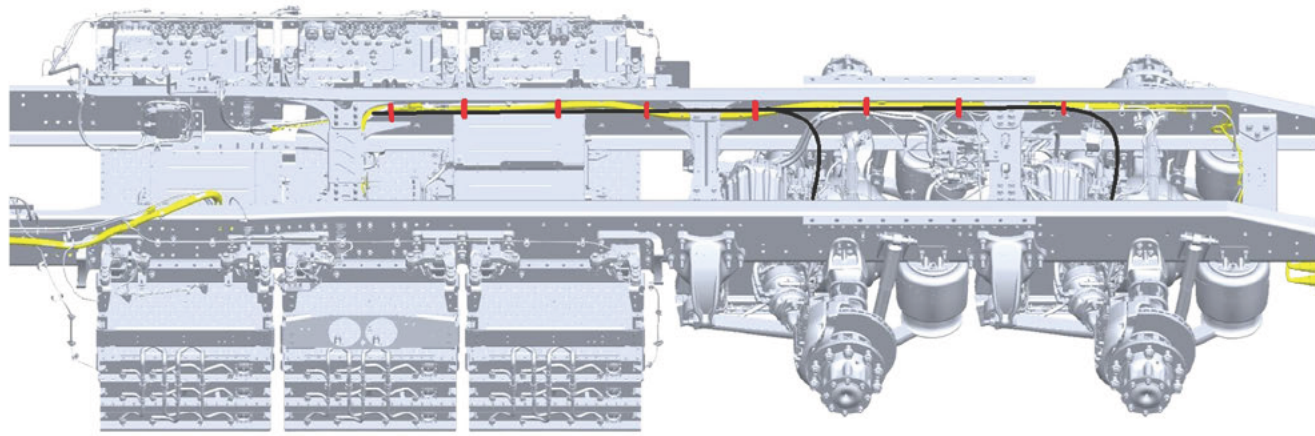


Fig. 1, Breather Line Routing and Cable Tie Locations

5. ☐ Secure the new breather lines using the specified cable ties at the locations shown in Fig. 2.

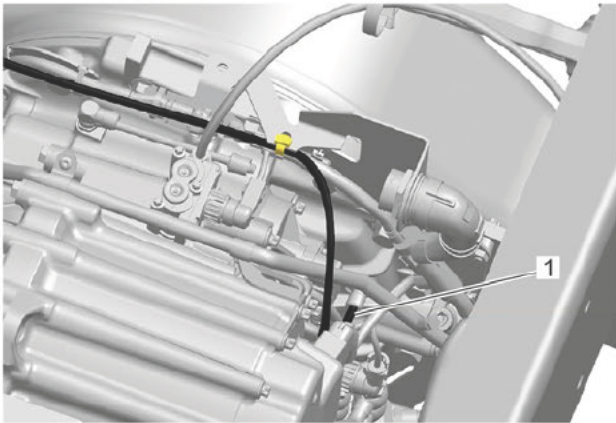


Fig. 2, eAxle Breather Line Connection Point

6. Trim the breather hose to fit, leaving approximately 1 inch (25 mm) of hose extending beyond the fir tree clip as shown in Fig. 3.

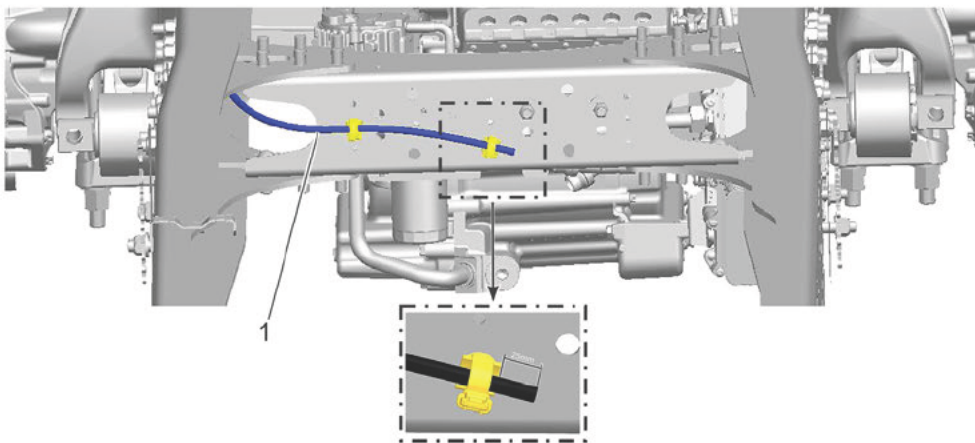


Fig. 3, Trimming Breather Lines to Fit

7. ☐ Install the four between-rail deck plates.

Warranty

This procedure is warrantable only if the described condition exists and the repair is performed within the applicable base or extended coverage warranty period. If a failure is not found, this procedure is considered preventive and warranty does not apply.

Table 2, OWL VMRS Codes and Labor Allowance

Damage Code and Time Guide Information						
Primary Failed Part	Component Code	Cause Code	Correction Code	SRT Code	Description	Hours

Damage Code and Time Guide Information						
48-25811-010	013-010-285	15	03	420-5082A	BREATHER LINE, EP4 6X4, UPDATE (SB35-043)	0.8

Table 2, OWL VMRS Codes and Labor Allowance

Note:
022-001-006
F38
F40
REMOVE
INSTALL
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