

# eCascadia eAxle Spring Seat Orientation

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Field Service Campaign: SF714

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## Problem Details:

- eAxle spring seats can be installed backwards, resulting in HV cable routing issues that are not detected until HV cables rub through, from contacting chassis components.
- 3 6X4 eCascadias have been found with incorrectly installed seats, so far; one had rubbed-through HV cables.

## FSPRs, FRACAS, DPR, Zeus:

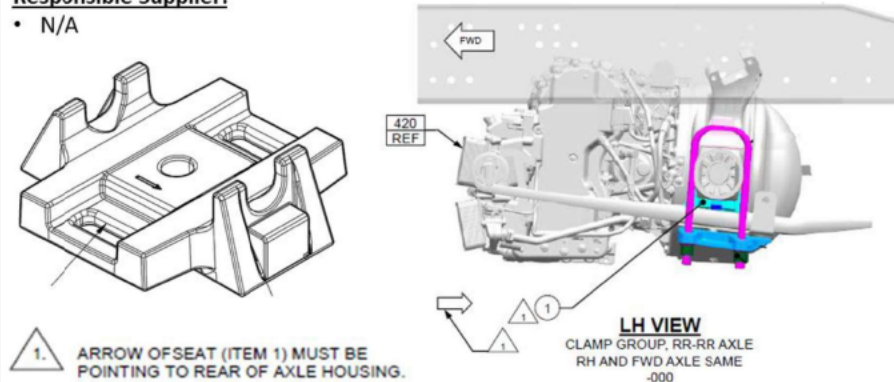
- FSPR 39377
- FRACAS 14044

## Affected Models / Truck options:

- Issue has only been seen on rear-rear drive axle of an eCascadia 6X4
- Population of 6X4 eCascadia, built prior to first DPR resolution date: 514
- Axle seats could be incorrectly installed in any position, on any eCascadia or eM2, but may not cause the same HV cable routing issue seen on the rear-rear of a 6X4. (+152 eM2 and 211 4X2 eCascadia)

## Responsible Supplier:

- N/A



## Production Containment:

No  Yes

- DPR 51729 was submitted 9/26/2024 and manufacturing plant implemented process controls beginning 12/2/2024.

## Field Containment (short term):

No  Yes

- None – fix as fail

## Root Cause:

No  Yes

- Axle seat can physically be installed either way; installation diagram must be referenced to know which direction the arrow on the casting is supposed to point.
- eAxles have no drivelines, so incorrect axle angle does not cause vibration or other easily detectable symptoms.
- This axle seat part number is used on many Airliner configurations.

## Long Term Corrective Action Plan:

No  Yes

- EWR P61569 releasing new seat with “FWD” cast in; planned C/O: 9/15/2025

## Long Term Field Plan:

No  Yes

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  - Inspect for incorrectly installed axle seats.
  - If found, reorient axle seats then inspect HV cable routing and repair as needed.

