

**Subject: Inspection of Air Disc Brake Caliper Mounting Fasteners**

**Make: Freightliner**

**Model: New Cascadia**

**Model Years Affected: 2022**

**Build Date Range: August 25, 2021 through January 30, 2022**

Our records indicate that you are the owner of certain Freightliner New Cascadia vehicles equipped with air disc brake systems. For this reason, we wanted to share the following information with you.

We hope you find this information helpful.

**Subject: Inspection of Air Disc Brake Caliper Mounting Fasteners**

**Vehicles Affected:** Freightliner New Cascadia vehicles built from August 25, 2021 through January 30, 2022

## General Information

Although Freightliner New Cascadia vehicles are manufactured with air disc brake caliper mounting fasteners tightened to proper specification, maintenance best practice includes checking fastener tightness regularly, especially after brake maintenance.

If there is an indication of loose fasteners on newly manufactured vehicles, correct the looseness promptly and provide information back to DTNA so that we can investigate if there is a pattern.

## Tool Required

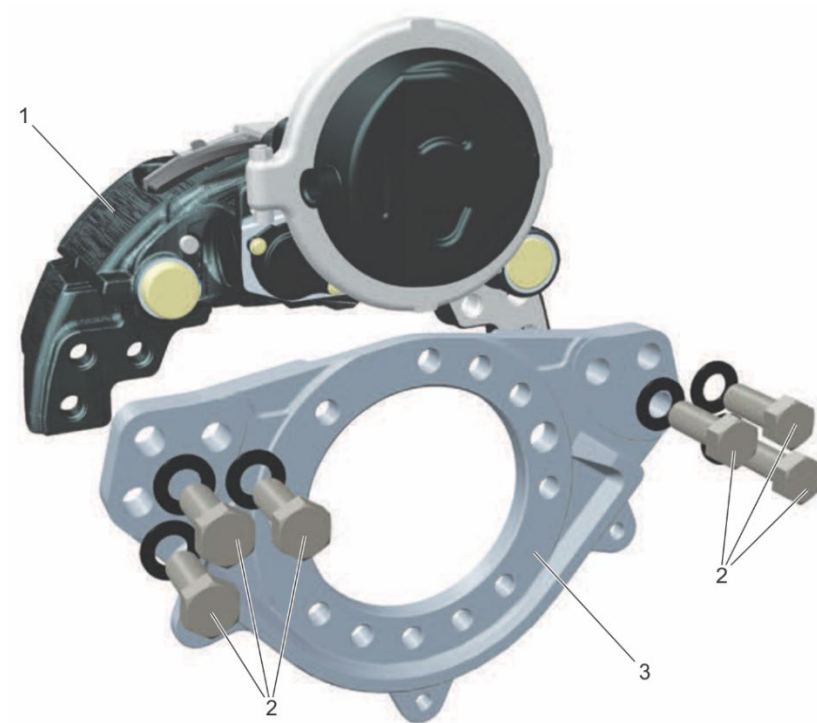
A torque wrench capable of 400 lbf•ft (542 N•m).

## Work Instructions

1. Log in to [DTNA Connect](#).
2. Refer to the *New Cascadia Maintenance Manual*, section 42-05 Brake Inspection; use the directions for axial mounted calipers to check all caliper bolts at all wheel ends.

For additional clarity into the inspection requested, see **Fig. 1**, **Fig. 2**, and **Fig. 3** in this letter.

3. Document the results for all fasteners at all wheel end positions in the attached spreadsheet, "Caliper Bolts – Issue Tracker," and send it to your responsible DTNA service representative.



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**Fig. 1, Axial Mount Disc Brake Caliper/Carrier and Chamber**

The tightening pattern for axial bolts is shown below. See **Fig. 3** for the left-side caliper and **Fig. 4** for the right-side caliper.



**Fig. 2, Left Hand Tightening Sequence**



**Fig. 3, Right Hand Tightening Sequence**