

08/02/2021
CAL FTL 42-005

Subject: Inspection of Steer Axle Drum Brake Spider Fasteners

Vehicles Affected: Freightliner New Cascadia vehicles built from March 1, 2021 through May 1, 2021

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

We hope you find this information helpful.

08/02/2021
CAL FTL 42-005

Work Instructions

Subject: Inspection of Steer Axle Drum Brake Spider Fasteners

Vehicles Affected: Freightliner New Cascadia vehicles built from March 1, 2021 through May 1, 2021.

Tools Required

- A torque wrench capable of 300 lbf•ft (407 N•m).

Work Instructions

1. Read the safety precautions described in section 42.01, subject 100 in the *New Cascadia Workshop Manual*.



DANGER: Before working under the vehicle, place jack stands under the frame rails to ensure the vehicle cannot drop. Failure to follow these steps could result in serious personal injury or death.

2. Park the vehicle on a level surface, shut down the engine, and set the parking brake.
3. Remove the wheel and tire assembly, hub, and brake assembly.
Reference section 33.01, subject 100 of the *New Cascadia Workshop Manual* for information on hub assembly removal and installation.
Reference section 42.01, subject 140 of the *New Cascadia Workshop Manual* for information on brake disassembly and assembly.
4. Set a torque wrench to 237 lbf•ft (321 N•m) and check all drum brake spider fasteners.
 - a. If a fastener moves, make a note of it and tighten the fastener to a minimum of 275 lbf•ft (373 N•m).
 - b. Continue until all fasteners have been checked.
5. Install the hub and brake shoes. Reference the *New Cascadia Workshop Manual* sections listed above as needed.
6. Charge the air system and check for leaks.
7. Check the brakes for proper operation.
8. Send the documentation of vehicles found with brake spider fasteners that moved at 237 lbf•ft (321 N•m) to your DTNA service representative.