

9/3/2020
FTL 32-007

**Subject: Steer Axle Spring to Front Hanger
Fastener Inspection**

**Models Affected: Freightliner, New Cascadia, 2018, 2019 & 2020
Model Year vehicles manufactured from November 1, 2017 to May
15, 2019.**

Our records indicate that you are the owner of certain vehicles. DTNA is requesting that the M20 fastener used to attach the steer axle spring to the forward spring hanger be inspected on these vehicles.

9/3/2020
FTL 32-007

Work Instructions

Subject: Steer Axle Spring to Front Hanger Fastener Inspection

Models Affected: New Cascadia, 2018, 2019 & 2020 Model Year
vehicles manufactured from November 1, 2017 to May 15, 2019.

Inspection Instructions

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the rear tires.
2. Locate the M20 fastener that attaches the steer axle spring to the spring hanger. See [Fig. 1](#).

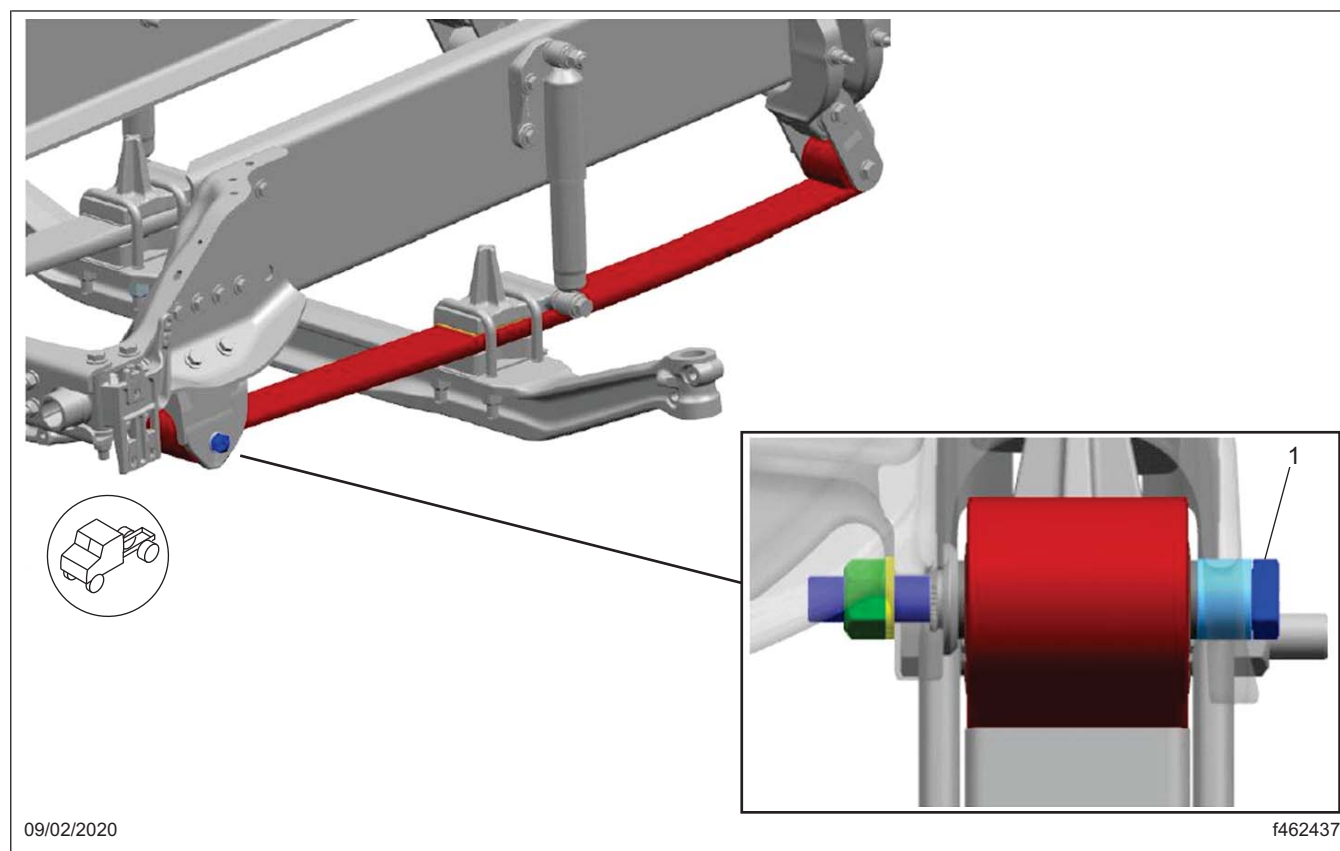


Fig. 1, M20 Bolt Head Location

NOTE: Complete the inspection on both the left and right hand springs.

3. Viewing the fastener from the underside of the front spring hanger bracket, visually inspect for the following:
 - 3.1 Inspect and verify that the M20 nut located on the inside of the hanger bracket is in place. See [Fig. 2](#)

9/3/2020
FTL 32-007

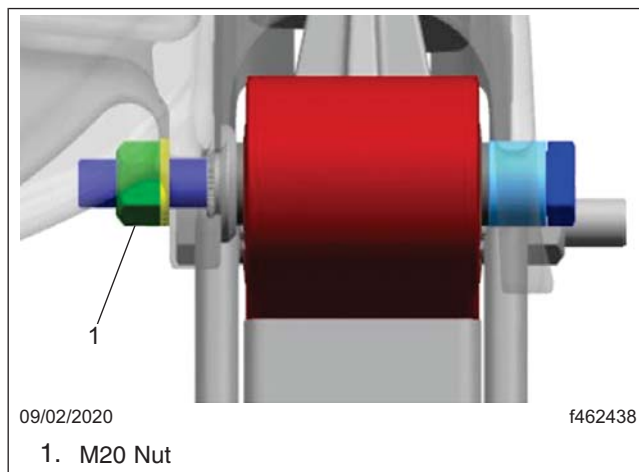


Fig. 2, M20 Nut in Place

- 3.2 Inspect for any gaps between the bolt head and hanger bracket and between the nut and hanger bracket indicating a loose fastener. See [Fig. 3](#).

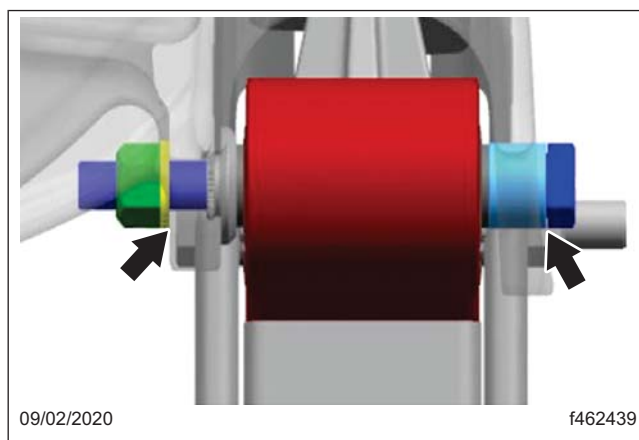


Fig. 3, Possible Gap Areas

- 3.3 Check to determine if either part of the M20 nut and bolt assembly can be freely rotated by hand or with a wrench. See [Fig. 4](#).

9/3/2020
FTL 32-007

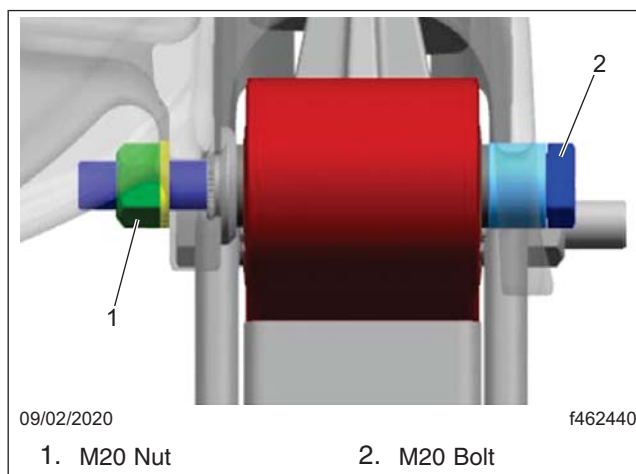


Fig. 4, Nut and Bolt Assembly to Inspect for Rotation

CAUTION

CAUTION: Any truck that does not pass inspection should be taken out of service to have the fasteners replaced by an authorized dealer.

4. Record the serial number, mileage, and the date and results of the inspection as follows:
 - 4.1 On vehicles where the M20 nut is found to be missing, record the serial number, mileage, and date of the inspection along with photos of the joint (left-hand side, right-hand side or both).
 - 4.2 On vehicles where a gap is found at the nut and/or the bolt head, record the serial number, mileage, and date of the inspection along with photos of the joint showing the gap (left-hand side, right-hand side or both).
 - 4.3 On vehicles where it is possible to rotate a fastener, record the serial number, mileage, and date of the inspection along with photos of the joint that rotated (left-hand side, right-hand side or both).
 - 4.4 On vehicles where no problem is found, record the SN, mileage, and date of the inspection with the comment: "No problem found."
5. Email the results of each truck inspected to your DTNA District Service Manager.

Part Numbers

Parts Referenced

Part Number	Description	Quantity
23-14069-200	BOLT-HEX,ZNAL,BK,M20X1.5X20	1 per side
23-14091-009	WSHR-STL,HDND,ZNAL,BK,.750	1 per side
23-14072-120	NUT-HEX,LKG,ZNAL,BK,M20X1.5	1 per side*

* Torque to 240 ft lbs

Table 1, Parts Referenced

Reference Documentation: FSPR: 32463; FRACAS 13364.