

10/15/2020
CAL FTL 32-008

Subject: Drive Axle Leaf Spring Pin Hex Nut Torque Inspection

Models Affected: New Cascadia, Select VINs

Our records indicate that you are the owner of certain vehicles, and therefore DTNA has decided to share the following information with you.

Please see the attached communication in this email. We hope you find this information helpful.

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Work Instructions

Subject: Drive Axle Leaf Spring Pin Hex Nut Torque Inspection

Models Affected: New Cascadia, Select VINs

General Information

Select New Cascadia vehicles may have been delivered to customers with insufficient torque applied to the hex nuts at the front of the spring hanger. The correct torque for the drive axle leaf spring pin hex nut is 190 to 210 lbf-ft (258 to 285 N·m). See [Fig. 1](#). See the *New Cascadia Workshop Manual* Section 32.01 for more information.

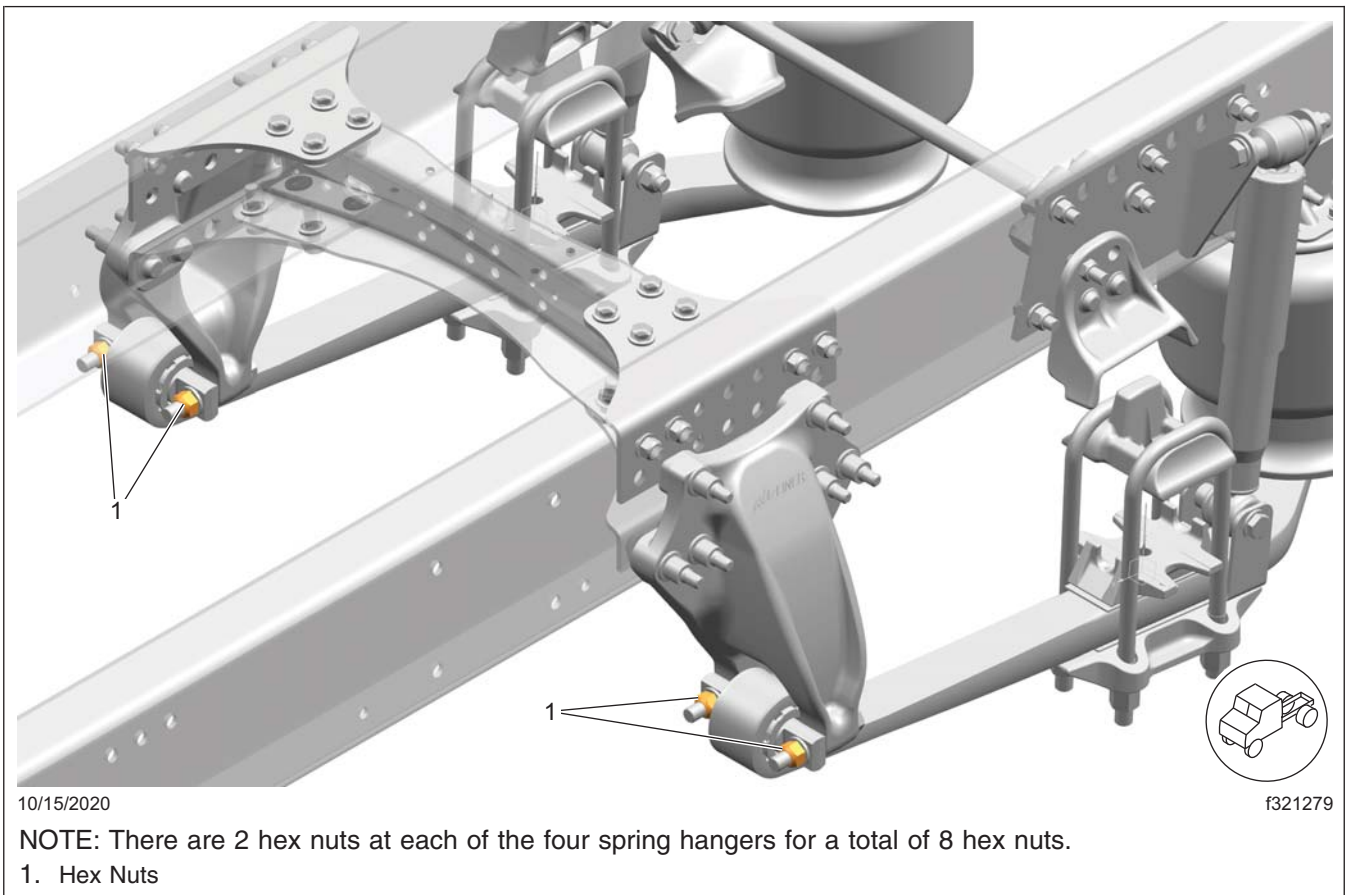


Fig. 1, Drive Axle Leaf Spring Pin Hex Nut Locations

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Set a torque wrench to 190 lbf-ft and apply torque to all 8 hex nuts on the rear suspension.
 - 2.1 If the hex nut is at 190 lbf-ft (259 N·m), no further action is necessary.
 - 2.2 If the hex nut is less than 190 lbf-ft, torque the fastener to 190 to 210 lbf-ft (258 to 285 N·m).

Document any vehicles with loose fasteners, specifying the vehicle VIN and location of the loose fastener.

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- 2.3 If the hex nut cannot be torqued to 190 lbf-ft (259 N·m), replace the hex nut.
3. Send documentation of vehicles with loose fasteners to your District Service Manager.