

03/07/2023
CAL FTL 31-005

**Subject: 114SD Steering Gear Frame Rail Relief
Hole Inspection**

**Models Affected: 114SD vehicles built from July 27, 2022,
through January 11, 2023.**

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

On a small number of specific vehicles, the frame rail is believed to lack a relief hole for mounting the steering gear that protects against localized stresses in the gear. Ensuring the existence of the hole will provide for optimal longevity of the steering gear.

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

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Work Instructions

Inspection and Drilling of Frame Rail

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Raise the hood, and rotate it to the fully raised position.
3. Inspect the inner side of the left-hand side frame rail web surface, at the steering gear mounting for a relief hole. If there is a relief hole on the frame rail at the location indicated in [Fig. 1](#), no further action is required.

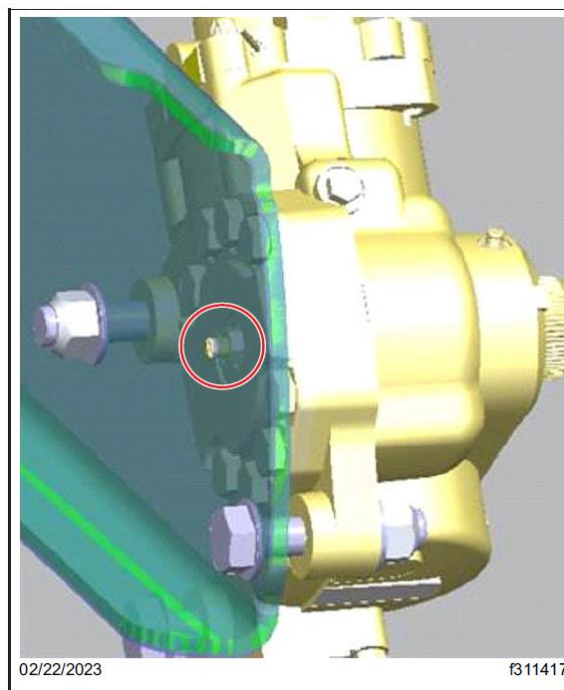


Fig. 1, Relief Hole Location on the Frame Rail

4. If there is no relief hole present or the view is obstructed by other components, go to step 5.
5. The following steps outline further inspection for the frame rail relief hole.
 - 5.1. Remove the TAS85 steering gear from the left-hand side frame rail. For instructions, see **Section 46.05** of the *108SD/114SD Workshop Manual*.
 - 5.2. Inspect the left-hand side frame rail for a 31.8 mm diameter relief hole in the location shown in [Fig. 2](#).
 - 5.3. If the relief hole is missing, a hole needs to be drilled before the steering gear is installed.
 - 5.4. Carefully inspect the surface of the frame rail for any witness marks. If there is a witness mark on the surface indicating the steering gear adjustment screw contacted the frame rail, **the steering gear must be replaced**.
 - 5.5. Drill a 31.8 mm diameter hole on the web of the frame rail at the location shown in [Fig. 2](#). Make sure any components on the inside of the frame rail are clear of the path of the drilling tool. Deburr the hole edges and apply touch-up paint to protect the parts.

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5.6. Install the TAS85 steering gear on the left-hand side frame rail as shown in **Fig. 3**. For instructions, see **Section 46.05** of the *108SD/114SD Workshop Manual*.

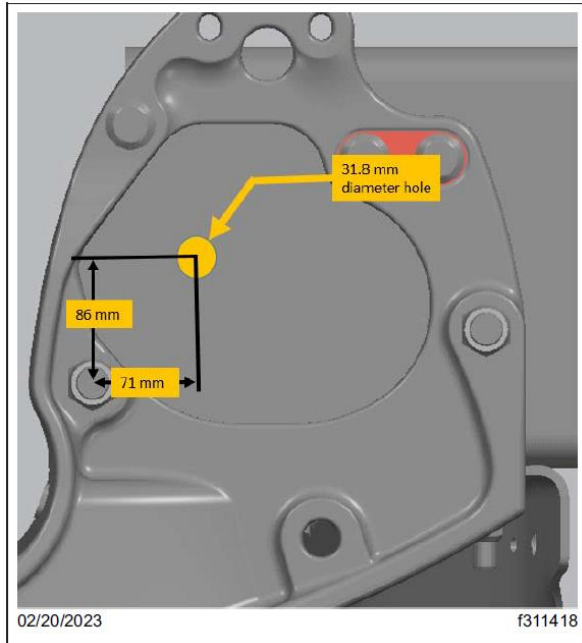


Fig. 2, Drilled Hole Location

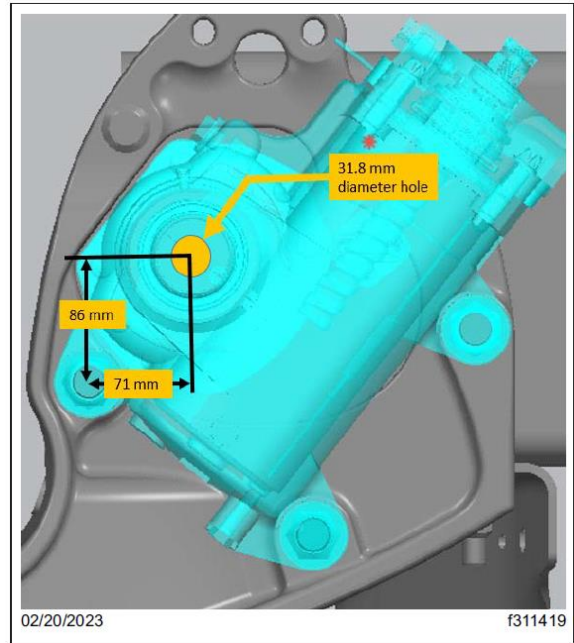


Fig. 3, Hole Location with the Steering Gear