

08/16/2023
CAL WS 41-002b

**Subject: 47X Driveline Carrier Bearing Inspection
and Replacement**

**Models Affected: 47X vehicles built from September 6, 2022,
through October 10, 2022.**

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

Western Star 47X vehicles equipped with certain driveline configurations and carrier bearing installations may have inadequate angles, creating a shorter life of the carrier bearings.

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

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Work Instructions

1. Park the vehicle on a level surface, shut down the engine, and set the parking brake. Chock the tires.
2. Support the driveline for removal of existing carrier bearing brackets.
3. For instructions to remove and install the drivelines, carrier bearings, and brackets, see **Group 41** of the *47X and 49X Workshop Manual*.
4. Install the forward carrier bearing bracket (09-11769-000) at the driveline support bracket, and replace the existing bracket (09-11769-003) with the new bracket (09-11769-004) at the rear 567 crossmember location. See [Fig. 1](#) and [Fig. 2](#).

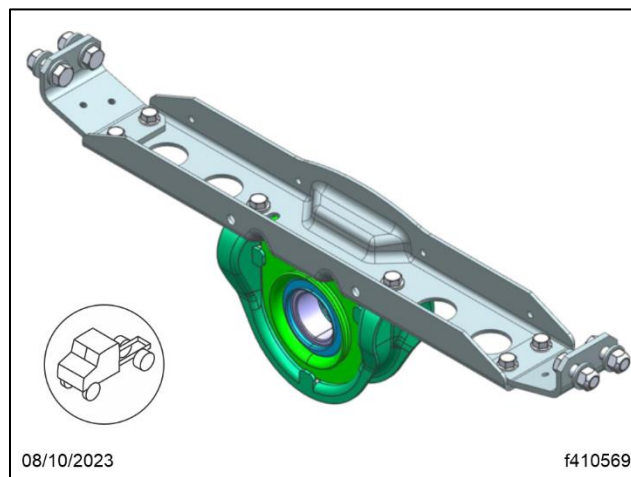


Fig. 1, Bearing Support without Spacer

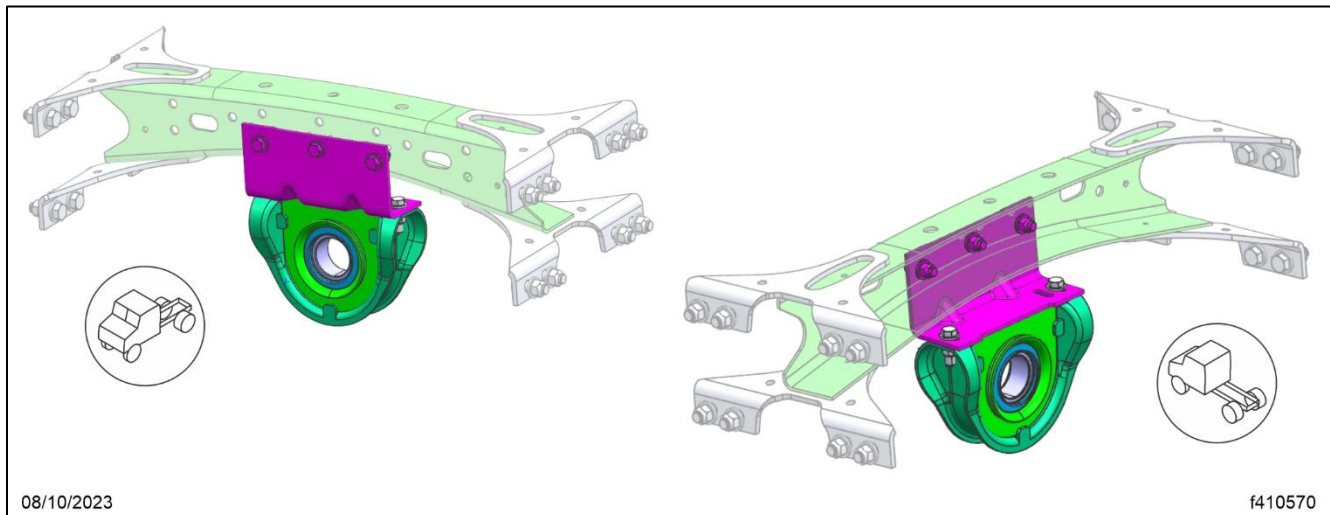


Fig. 2, Bearing Support Rear Mounting with Large Bearing

5. Inspect the existing carrier bearings for signs of wear, and replace if required.
6. Install the new fasteners wherever required, and tighten them to the specified torque values.