



TEAM TIP

Release Date: August 16, 2022

SLI

Communication #: T-22-08-01

Model Year(s): 2015+

— Confidential and Proprietary —

VERSION: R01 (August 16, 2022)

IMPORTANT

If you are working with a printed copy, please verify you have the most current version of this document.

SUBJECT: REAR AXLE AND BEARING INSTALLATION

PURPOSE

Slingshot has received a small number of post-repair contacts due to improperly installed rear axles, sprockets, and bearings. This Team Tip outlines the importance of all Loctite residue being removed from components as well as proper installation.

AFFECTED MODELS

MODEL YEAR	MODELS
2015 – Current	All Slingshot Models

T-22-08-01 PROCEDURE

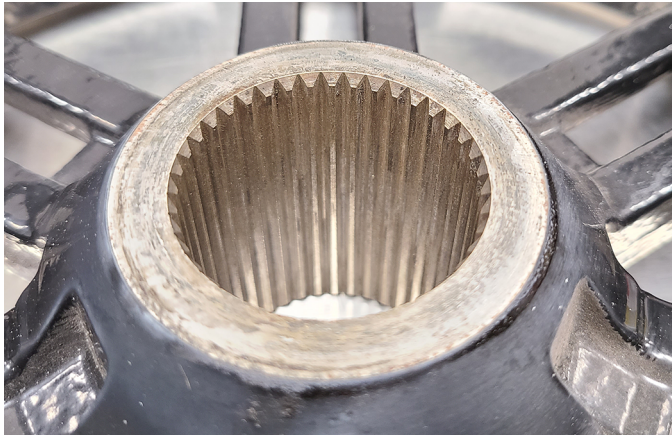
AXLE INSTALLATION

Improper installation of the axle may result in insufficient clamp load. When proper clamp load is not achieved, the vehicle may experience erratic or incorrect rear wheel speed sensor readings. Symptoms include a reduction in deceleration during engine braking and a feeling of cruise control being engaged or ABS activation during light braking.

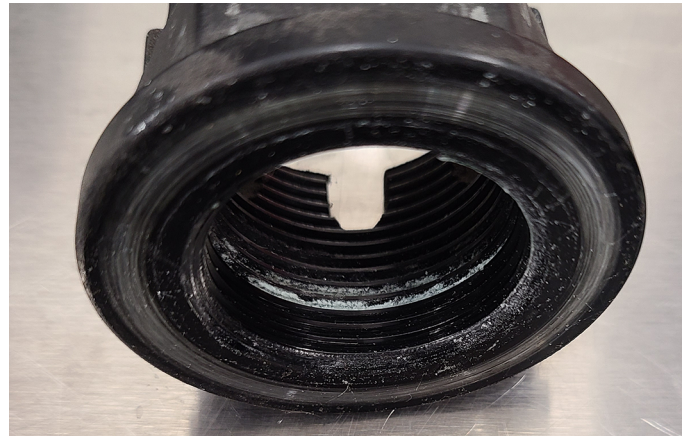
IMPORTANT

It is critical that that all cured and uncured Loctite be removed from any components being reinstalled. When properly cleaned, the sprocket should slide freely onto the axle by hand with minimal force. See examples below.

CLEAN



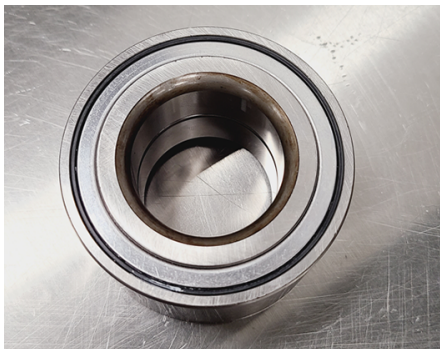
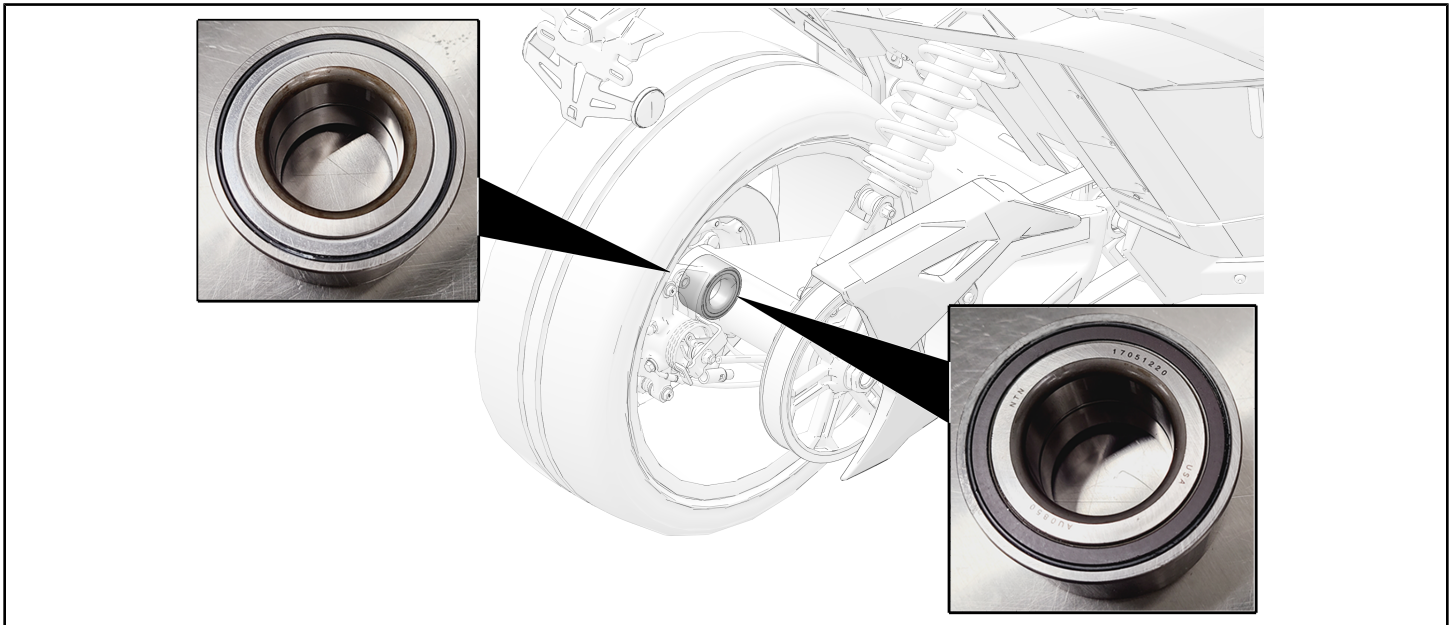
DIRTY



BEARING INSTALLATION

The rear wheel bearing in the driver side of the swingarm has an encoder that is used to produce the rear wheel speed signal. When the bearing is installed incorrectly the rear wheel speed reading may become erratic or not read at all meaning the axle clamp load is improper or the bearing is worn/failed.

During installation, the bearing must be installed with the brown seal side inward toward the swingarm for proper operation, as outlined in the service manual.



Silver Side: Faces outward toward the wheel and has no visible part numbers.



Brown Seal Side: Faces inward toward the swingarm and has etched part number/label.