



TECH TIP

HARD STEERING OR POWER STEERING NOISE

**GROUP: 0-GENERAL
TECH TIP NO: TT-19-011
DATE: 8-1-2019**

SUBJECT VEHICLES: 11MY-Current Conventional trucks equipped with a J08 engine.

Note: This tech tip is provided as technical information and is not authorization for a warrantable repair.

OVERVIEW: The following tech tip is for fixing hard steering or power steering pump noise on a Hino Conventional truck.

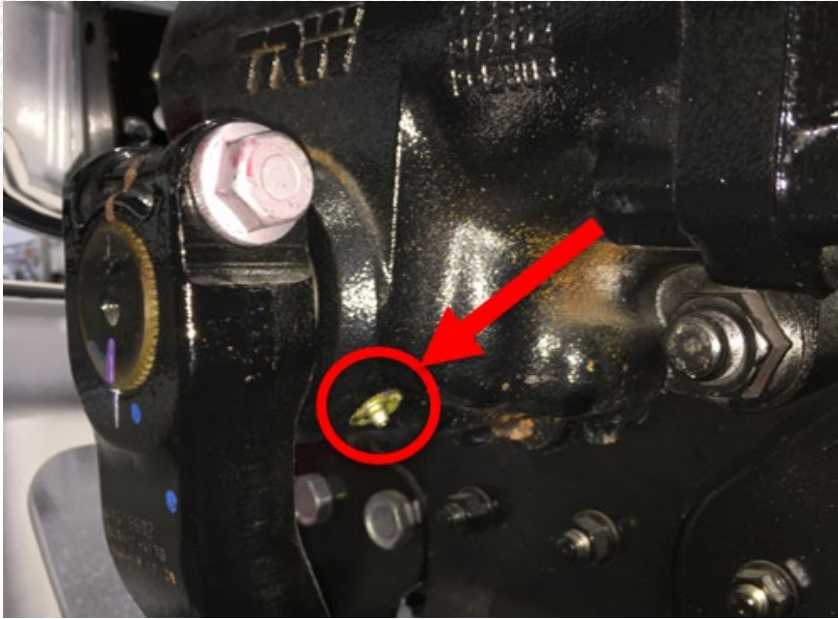
CAUSE

Grease in the power steering fluid plugging the power steering filter.



Grease can get into the power steering fluid if a pneumatic grease gun is used. The pneumatic grease gun can supply grease too fast and bypass the high pressure sector shaft seal which will contaminate the power steering fluid.

CAUTION: Do not use a power grease gun because it will supply grease too fast; this could adversely affect the high pressure seal and contaminate the hydraulic fluid.



Repair Procedure

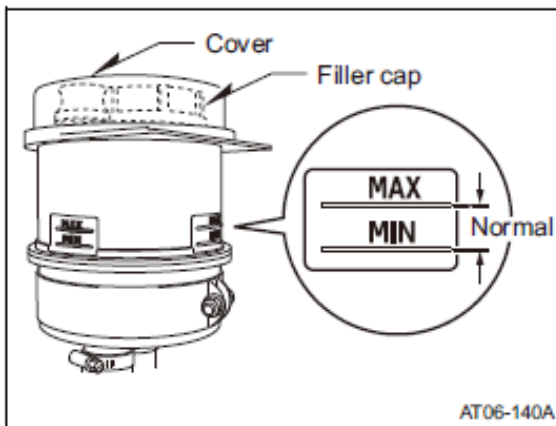
1. Drain the power steering fluid.
2. Remove and replace the power steering filter from the power steering fluid reservoir.



3. Clean the reservoir.



4. Refill the power steering reservoir



5. Bleed the power steering system and refill if necessary.

6. Road test and verify the concern is repaired.