

Technical Service Bulletin (TSB)
Rear Propshaft Clunk

REFERENCE:	TSB: 03-002-25 GROUP: 03 - Differential And Driveline	Date:	April 4, 2025	REVISION:	03-004-24
VEHICLES AFFECTED:	2021 - 2023 (DT) RAM 1500 Pickup This bulletin applies to vehicles built on or before September 27, 2022 (MDH 0927XX) equipped with a 6.2L V8 Supercharged Engine (Sales Code ESD).			MARKET APPLICABILITY: <div><input checked="" type="checkbox"/> NA<input checked="" type="checkbox"/> MEA</div> <div><input checked="" type="checkbox"/> SA<input checked="" type="checkbox"/> IAP</div> <div><input checked="" type="checkbox"/> EE<input type="checkbox"/> CH</div>	
CUSTOMER SYMPTOM:	Customers may experience the following: <ul style="list-style-type: none">A clunk noise from the driveshaft while coming to a stop or when just starting to tip into throttle at take off.				
CAUSE:	Propshaft defect				

This bulletin supersedes Technical Service Bulletin (TSB) 03-004-24, date of issue June 12, 2024, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include an updated Repair Summary, LOP, Spare Parts table, Diagnosis statement, Special Tools table and Repair Procedure.

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 22-155, date of issue August 17, 2022. All applicable RSU VINs have been loaded. To verify this RSU service action is applicable to the vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. All repairs are reimbursable within the provisions of warranty.

REPAIR SUMMARY:

****This bulletin involves greasing the rear driveshaft and installing a boot kit.****

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
16-30-01-9G	Driveshaft, Rear - Grease and Install Boot Kit (1 - Semi-Skilled)	3 - Differential and Driveline	1.1 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	**68597433AA	Boot Kit, Drive Shaft	Includes Boot, Grease, Clamps and eight attaching bolts**

DIAGNOSIS:

If the customer describes any of the symptoms listed above in the customer symptom section, perform the Repair Procedure.

****SPECIAL TOOLS/EQUIPMENT:**

Description	Ref. No.	Notes
Ear Clamp Crimping Tool	NPN**	

REPAIR PROCEDURE:

1. **Test drive vehicle to confirm the symptom. **To isolate the concern:** shift the transmission to manual mode/first gear when coming to a stop. In first gear, while coasting down to a stop, if clunk is still present, transmission coastdown is eliminated and driveshaft is confirmed as the issue.
2. Is the driveshaft confirmed as the issue?
 - YES >>> Proceed to [Step 3](#).
 - NO >>> This bulletin does not apply. Normal diagnosis is needed.
3. Raise and support the vehicle. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> 04 - Vehicle Quick Reference/Hoisting/Standard Procedure
4. Remove the driveshaft from the vehicle. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> 03 - Differential and Driveline/ Driveshaft/Shaft, Drive, Rear/Removal. **Discard the removed driveshaft to transfer case bolts and driveshaft to rear axle flange bolts.**

CAUTION!

Do not clean the spline or utilize any grease other than supplied in the service kit. Contamination with solvents, debris or unapproved lubricants could permanently damage the spline.

5. Carefully remove the large boot clamp from boot seal and pull boot off spline sleeve and separate the two parts of the driveshaft. Leave boot and small clamp in place unless damaged. If boot is damaged, remove and discard.

NOTE: • **Protect exposed spline surfaces from contamination during the greasing procedure.**

- **Do NOT apply grease to the externally splined yoke (transfer case end). Application of grease to the front portion of the internal spline cavity is sufficient. The grease will distribute across the length of the spline during reassembly.**

6. Use all of the grease from the grease tube to exposed **internal** spline cavity on the main body of the driveshaft. Apply grease 360° around inside perimeter of internal spline cavity, approximately one 25 mm (1 in.) deep.

7. If original boot was damaged, place a new boot and small clamp from the service kit over the yoke end shaft and clamp in same position as before removal. Place the new large clamp (supplied in kit) loosely over boot on tube end - **Do not secure clamp yet.**

CAUTION!

The spline will only reassemble freely in the original spline orientation. Do not force assembly with the spline out of rotational alignment. Misaligned assembly will result in noise or vibration.

8. Reassemble the main body of the driveshaft to the yoke and boot assembly.
9. Using a suitable ear clamp crimping tool, securely crimp the large boot clamp to the driveshaft.
10. Using new bolts, install the driveshaft. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> 03 - Differential and Driveline/Driveshaft/Shaft, Drive, Rear/ Installation.
11. Remove vehicle from hoist and test drive to confirm repair.**

POLICY:

Reimbursable within the provisions of the warranty.

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