

REFERENCE:	TSB: 03-004-23 GROUP 03 - Differential and Driveline	Date:	July 14, 2023	REVISION:	-
VEHICLES AFFECTED:	2023 (DT) RAM 1500 Pickup This bulletin applies to vehicles built on and after February 19, 2023 (MDH 0219XX) and on and before April 01, 2023 (MDH 0401XX) equipped with a 6.2L V8 Supercharged Engine (Sales Code ESD).			MARKET APPLICABILITY: <input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH	
CUSTOMER SYMPTOM:	Grease leak from halfshaft boot				
CAUSE:	Halfshaft boot leaks grease due to contact with adjoining components during assembly process				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-212, date of issue July 14, 2023. 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. This RSU will expire 18 months after the date of issue.

REPAIR SUMMARY:

This bulletin involves inspecting all of the halfshaft boots and possibly replacing the halfshaft assembly.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
02-13-05-9M	Inspect Front Axle Shaft Boots (1 - Semi - Skilled)	03 - Differential and Driveline	0.3 Hrs.
02-13-05-9N	Inspect and Replace One Front Halfshaft Assembly (1 - Semi - Skilled)	03 - Differential and Driveline	0.6 Hrs.
02-13-05-9P	Inspect and Replace Both Front Halfshaft Assemblies (1 - Semi - Skilled)	03 - Differential and Driveline	0.9 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
2 (AR)	53011128AG	Halfshaft	
2 (AR)	06513404AA	Nut, Halfshaft Hub	
1 (AR)	68194558AA	Half Shaft Grease	
2 (AR)	06506557AA	Nut, Upper Ball Joint	
2 (AR)	68531556AA	O-Ring	
2 (AR)	68567910AA	Snap Ring	

Qty	Part No.	Description	Notes
2 (AR)	06513368AA	Nut (Stabilizer)	Air Suspension Only

DIAGNOSIS:

Using a Scan Tool (wiTECH) with the appropriate Diagnostic Procedures available in DealerCONNECT/ Service Library, verify all related systems are functioning as designed. If DTCs or symptom conditions, other than the ones listed above are present, record the issues on the repair order and repair as necessary before proceeding further with this bulletin.

If a customer's VIN is listed in VIP or your RSU VIN list, perform the repair. If any vehicle not on the VIN list exhibits any of the symptoms listed above in the customer symptom section, perform the Inspection Procedure.

INSPECTION:

1. Raise and support the vehicle. Refer to the detailed service procedures available in DealerCONNECT/ Service Library under: 04 - Vehicle Quick Reference / Hoisting / Standard Procedure.
2. Inspect the halfshaft boots on both axles fully. Look for boot damage and/or grease (Fig. 1) .



Fig. 1
Damaged Boot

3. Is there damage to any of the boots?
 - YES>>> Proceed to [Step 1](#) of the Repair Procedure.
 - NO>>> This bulletin does not apply. Use Inspect LOP (02-13-05-9M) to close this active RSU.

REPAIR PROCEDURE:

NOTE: Wheel Speed Sensor does not need to be removed from the assembly unless the bearing or Wheel Speed Sensor is being replaced.

1. Replace the halfshaft. Refer to the detailed service procedures listed in DealerConnect>Service Library under: 03 - Differential and Driveline / Halfshaft / Removal and Installation.

POLICY:

Reimbursable within the provisions of the warranty.

