



NUMBER: 03-001-21

GROUP: 03 - Differential and Driveline

DATE: March 31, 2021

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This Technical Service Bulletin (TSB) has also been released as a Rapid Response Transmittal (RRT) 20-039, date of issue March 31, 2021. All applicable Un-Sold RRT VINs have been loaded. To verify this RRT service action is applicable to the Un-Sold vehicle, use VIP or perform a VIN search in DealerCONNECT/Service Library. This RRT will expire 18 months after the date of issue.

SUBJECT:

Outer Halfshaft Axle Boots Leaking Grease

OVERVIEW:

This bulletin involves inspecting the both outer halfshaft axle boots for tears.

MODELS:

2021 (DT) RAM 1500 Pickup

NOTE: This bulletin applies to vehicles within the following markets/countries: North America.

NOTE: This bulletin applies to vehicles built on or before March 08, 2021 (MDH 0308XX) equipped with a 6.2L Supercharged Hemi V8 SRT Engine (Sales Code ESD).

SYMPTOM/CONDITION:

The customer or technician may experience a axle grease leaking out of one or both of the outer halfshaft axle boots, this can happen within 804 Km (500 miles).

INSPECTION:

If a customer's VIN is listed in VIP or your RRT VIN list, perform the inspection.

1. Raise the vehicle on a hoist and inspect both the driver's and passenger's sides outer halfshaft axle boots, rotate the halfshaft while looking for any type of abnormality (scuff or tear) (Fig. 1) ,(Fig. 2) ,(Fig. 3) , (Fig. 4) or (Fig. 5) . If either a scuff, indent or tear is found proceed to Step 2.



Fig. 1
Abrasion, Scuff



Fig. 2
Indentation



Fig. 3
Indentation Mark



Fig. 4
Boot Tear/Cut



Fig. 5
Boot Grease Leak

2. Are any abnormalities in the either of the outer halfshaft boots?

- YES>>> Proceed to [Step 1](#) of the Repair Procedure.
- NO>>> This bulletin has been completed, use inspect LOP (02-13-05-9H) to close the active RRT.

PARTS REQUIRED:

Qty.	Part No.	Description
1 (AR) per side	53011128AE	Shaft, Axle Halfshaft
1 (AR) per side	06513404AA	Nut and Washer, Hex Lock, M24x2.00 - Halfshaft Nut
2 (AR) per side	06506557AA	Nut and Washer, Hex Lock, M14x1.50 - Upper Control Arm and Stabilizer Bar Nuts

REPAIR PROCEDURE:

1. Replace the affected halfshaft axle(s). Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> 03 - Differential and Driveline / Halfshaft / Removal and Installation.

NOTE: Only the halfshaft axle showing signs of tears, scuffs or abnormalities (Fig. 1) ,(Fig. 2) ,(Fig. 3) ,(Fig. 4) or (Fig. 5) should be replace not all vehicles will need both halfshafts replaced for this issue.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
02-13-05-9H	Halfshaft Axle Boot - Inspect (1 - Semi-Skilled)	3- Driveline	0.3 Hrs.
02-13-05-9J	Halfshaft Axle Boot - Inspect and Replace - One Side (1 - Semi-Skilled)	3- Driveline	0.6 Hrs.
02-13-05-9K	Halfshaft Axle Boot - Inspect and Replace - Both Sides (1 - Semi-Skilled)	3- Driveline	0.9 Hrs.

FAILURE CODE:

ZZ	Service Action
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