



**NUMBER:** 19-001-23

**GROUP:** 19 - Steering

**DATE:** January 21, 2023

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**This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-009, date of issue January 21, 2023. All applicable Sold and Un-Sold 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.**

**SUBJECT:**

Outer Tie Rod Ball And Socket Noise

**OVERVIEW:**

This bulletin involves removing, greasing and reinstalling both tie rod outer ball joints.

**MODELS:**

2022 (BV) Jeep Renegade

**NOTE: This bulletin applies to vehicles within the following markets/countries: Enlarged Europe.**

**NOTE: This bulletin applies to vehicles built on or after May 19, 2022 (MDH 0519XX) and built on or before September 29, 2022 (MDH 0929XX) equipped with a 1.3L I4 Turbo PHEV Engine (Sales Code EYG).**

**SYMPTOM/CONDITION:**

The customer may describe the following:

- Outer tie rod ball and socket noise.

**NOTE: Noise noticed during steering wheel rotation after vehicle mileage between 1,000 km (621 miles) and 3,000 km (1,864 miles) and when the tie rods achieve a temperature greater than 60 °C (140 °F).**

**DIAGNOSIS:**

If a customer's VIN is listed in VIP or your RSU VIN list, perform the repair. **This RSU only applies to vehicles on the RSU VIN list.**

**PARTS REQUIRED:**

| Qty. | Part No.   | Description                         |
|------|------------|-------------------------------------|
| 2    | 68361340AA | Tie Rod End To Steering Knuckle Nut |
| 1    | 77367995   | Molykoe Plus Paste                  |

**NOTE: Do not replace the outer ball joints for this Repair Procedure.**

**SPECIAL TOOLS/EQUIPMENT REQUIRED:**

| Equipment | Description       |
|-----------|-------------------|
| C-4150A   | Press, Ball Joint |

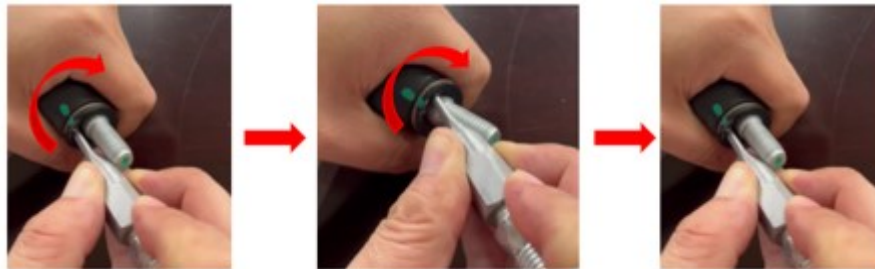
**REPAIR PROCEDURE:**

**NOTE: Both tie rod outer ball joints must be removed and greased for this Repair Procedure.**

1. 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.
2. Remove the tire and wheel assembly. Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info>22 - Tires and Wheels / Removal.
3. Remove and **DISCARD** the outer tie rod end to steering knuckle nut.
4. Using Press, Ball Joint C-4150A, separate the outer tie rod end from the steering knuckle.

**NOTE: The ball joint boot retaining clip does not need to be removed while adding grease to the ball joint.**

5. Using a suitable needle greasing tool loaded with 5 ml of grease, grease the tie rod outer ball joint (Fig. 1) .



**Fig. 1**  
**Greasing Ball Joint**

6. Using a **NEW** outer tie rod end to steering knuckle nut, install the ball joint to the steering knuckle.
7. Tighten the outer tie rod end to steering knuckle nut to 40 N·m (30 ft. lbs.).
8. Install the tire and wheel assembly. Refer to the detailed service procedures available in DealerConnect> Service Library under: Service Info>22 - Tires and Wheels / Installation.
9. Lower the vehicle.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

| Labor Operation No: | Description                                                    | Skill Category | Amount   |
|---------------------|----------------------------------------------------------------|----------------|----------|
| 19-63-01-94         | Ball Joints, Both - Disconnect and Add Grease<br>(2 - Skilled) | 19 - Steering  | 0.5 Hrs. |

**FAILURE CODE:**

|    |                |
|----|----------------|
| ZZ | Service Action |
|----|----------------|