



**NUMBER:** 03-001-17

**GROUP:** Differential &  
Driveline

**DATE:** March 10, 2017

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**SUBJECT:**

Noise In Front Of Vehicle When Accelerating Or Decelerating

**OVERVIEW:**

This bulletin involves replacing both front half shafts.

**MODELS:**

2015 - 2017 (BU) Jeep Renegade

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

**NOTE: This bulletin applies to vehicles built on or before December 14, 2016 (MDH 1214XX) equipped with 2.0L I4 Turbo Diesel Engine (Sales Code EBT) with a 9-SPD 948TE Automatic Transmission (Sales Code DFH).**

**SYMPTOM/CONDITION:**

The customer may describe a “clunk type” noise in front of the vehicle while accelerating or decelerating.

**DIAGNOSIS:**

1. Verify the noise is coming from the front half shafts. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info> 03 - Differential and Driveline/Half Shaft, Front/Diagnosis and Testing.
2. If the noise is coming from either of the front half shafts:
  - a. Replace both half shafts. Proceed to [Step #1](#) in the repair procedure.
3. If the noise is not coming from one or both front half shafts:
  - a. This Bulletin does not apply. Normal diagnosis should be performed.

If the customer describes the symptom/condition listed above, perform the Repair Procedure.

**PARTS REQUIRED:**

| Qty. | Part No.   | Description   |
|------|------------|---|
| 2    | 68368730AA | Shaft, Axle Half, Front   |
| 2    | 06509898AA | NUT, Hex Flange Lock, M24x1.5<br>(Axle Hub Nut)                 |
| 2    | 68361340AA | NUT, Lock, M10X1.50<br>(Tie Rod End Nut)                        |
| 2    | 68270263AA | Bolt, Torx Head, M10X1.50X55.00<br>(Lower Ball Joint Stud Bolt) |
| 2    | 06511467AA | NUT, Hex Flange<br>(Lower Ball Joint Stud Nut)                  |

**REPAIR PROCEDURE:**

**NOTE: The axle hub nut, lower ball joint stud nut and bolt are not reusable and must be replaced.**

1. Remove both front half shafts. Refer to the detailed service procedures available in DealerCONNECT> TechCONNECT under: Service Info> 03 - Differential and Driveline> Half Shaft, Front> Removal/Installation.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

| Labor Operation No: | Description  | Skill Category | Amount   |
|---------------------|--|----------------|----------|
| 02-13-05-9G         | Replace Both Front Axle Half Shafts<br>(2 - Skilled) | 3 - Driveline  | 2.5 Hrs. |

**FAILURE CODE:**

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