



NUMBER: 03-007-16

GROUP: Differential &
Driveline

DATE: November 30, 2016

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SUBJECT:

Front Of Vehicle Lateral Vibration During Low Speed Acceleration

OVERVIEW:

This bulletin involves replacing both front half shafts.

MODELS:

****2014 - (KL) Jeep Cherokee
2017****

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

NOTE: This bulletin applies to vehicles built on or before **September 12, 2016 (MDH 0912XX)**** equipped with Jeep Active Drive I (Sales Code DK2) with a 9-SPD 948TE Auto Trans (Sales Code DFH or DF5).**

SYMPTOM/CONDITION:

The customer may describe a lateral wiggle, wobble, shake, shimmy, or shudder type vibration in the vehicle while accelerating at low speeds, typically between 16-32 kph (10-20 mph).

DIAGNOSIS:

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

PARTS REQUIRED:

Qty.	Part No.	Description
**1	68299151AA	Shaft, Axle Half, Ballspline, Front Left
1	68299152AA	Shaft, Axle Half, Ballspline, Front Right**
2	06509898AA	NUT, Hex Flange Lock, M24x1.5 (Axle Hub Nut)
2	06507676AA	NUT, Hex Flange Lock, M12X1.50 (Lower Ball Joint Stud Nut)

SPECIAL TOOLS/EQUIPMENT REQUIRED:

C-4150A	Press, Ball Joint (Originally Shipped In Kit Number(s) 6672, 6745)
10287	Tool, Front Hub Staking (Originally Shipped In Kit Number(s) 10324-UPD2, 10409-UPD3)

REPAIR PROCEDURE:

1. Inspect the front axle half shafts to identify which type is currently installed in the vehicle. Refer to (Fig. 1).
 - a. Straight Diameter Center Shaft (Fig. 1)>>> Continue with the Repair Procedure Step #2.
 - b. Stepped Diameter Center Shaft (Fig. 1)>>> This Bulletin does not apply. Normal diagnosis should be performed.

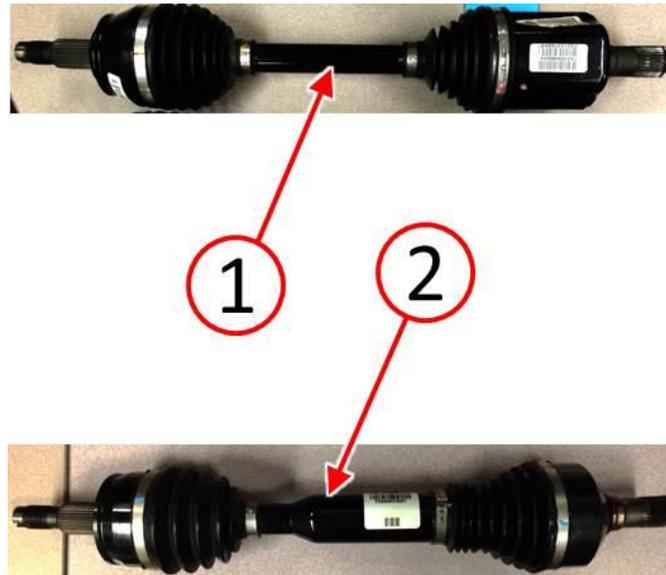


Fig. 1 Axle Half Shaft Identification

- 1 - Straight Diameter Center Shaft
- 2 - Stepped Diameter Center Shaft

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

2. Remove the front half shafts with straight diameter center shaft and replace with the stepped diameter center shaft half shafts listed in this bulletin. 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
**02-13-05-9F	Replace Both Front Axle Half Shafts (2 - Skilled)	3 - Driveline	1.0 Hrs. **

FAILURE CODE:

ZZ	Service Action
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