

**Technical Service Bulletin (TSB)**  
**Clicking or Grinding Noise When Accelerating**

<b>REFERENCE:</b>	<b>TSB:</b> 03-002-23 <b>GROUP</b> 03 - Differential and Driveline	<b>Date:</b>	May 19, 2023	<b>REVISION:</b>	-
<b>VEHICLES AFFECTED:</b>	<b>2022 - 2023 (LA) Dodge Challenger</b> <b>2022 - 2023 (LD) Dodge Charger</b> <b>2022 - 2023 (LX) Chrysler 300</b> This bulletin applies to vehicles built on and after September 01, 2022 (MDH 0901XX) and on and before December 14, 2022 (MDH 1214XX). This bulletin does not apply to LA vehicles equipped with a 5.7L V8 Hemi VVT Engine (Sales Code EZC).	<b>MARKET APPLICABILITY:</b>			
<b>CUSTOMER SYMPTOM:</b>	A clicking or grinding noise when accelerating.				
<b>CAUSE:</b>	Driveshaft manufacturing tolerance variation.				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-148, date of issue May 19, 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 replacing the rear driveshaft (propeller shaft).

**CLAIMS DATA:**

Labor Operation No:	Labor Description	Skill Category	Labor Time
16-30-01-9B	Propeller Shaft - Replace (1 - Semi-Skilled)	03 - Differential and Driveline	1.5 Hrs.
16-30-01-9C	Propeller Shaft - Replace <b>(LD/LX 2WD Only)</b> (1 - Semi-Skilled)	03 - Differential and Driveline	1.7 Hrs.
Failure Code	ZZ	Service Action	

**SPARE PARTS:**

Qty	Part No.	Description	Notes
1 (AR)	53010693AI	Shaft, Drive - Rear	LD - ESD
1 (AR)	52123973AH	Shaft, Drive - Rear	LD/LX - ERB <b>(2WD)</b>
1 (AR)	52123974AJ	Shaft, Drive - Rear	LA - ERB <b>(2WD)</b>
1 (AR)	68546424AA	Shaft, Drive - Rear	LA - ESJ
1 (AR)	68546850AA	Shaft, Drive - Rear	LD - ESG
1 (AR)	52123977AG	Shaft, Drive - Rear	LD - EZH
1 (AR)	53010678AK	Shaft, Drive - Rear	LA - ESD <b>(Automatic Transmission)</b>
1 (AR)	68272626AD	Shaft, Drive - Rear	LA - EZH
1 (AR)	68546847AA	Shaft, Drive - Rear	LA - ESG

Qty	Part No.	Description	Notes
1 (AR)	53010735AF	Shaft, Drive - Rear	LA - ESD ( <b>Manual Transmission</b> )
1 (AR)	68261528AD	Shaft, Drive - Rear	LD/LX - ERB ( <b>AWD</b> )
1 (AR)	68312786AC	Shaft, Drive - Rear	LA - ERB ( <b>AWD</b> )
1 (AR)	68428040AA	Shaft, Drive - Rear	LX - ESG
1 (AR)	68466092AB	Shaft, Drive - Rear	LD - ESJ

**NOTE: New driveshaft bolts are included with the listed part numbers.**

#### **DIAGNOSIS:**

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 symptom listed above in the customer symptom section, perform the Repair Procedure.

#### **REPAIR PROCEDURE:**

1. Replace the rear driveshaft, using new driveshaft bolts. Refer to the detailed service procedures listed in DealerConnect>Service Library under: 03 - Differential and Driveline / Driveshaft / Removal and Installation.

#### **POLICY:**

Reimbursable within the provisions of the warranty.

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