

# Technical Service Bulletin (TSB)

Loud Noise from Front Wheel Area

REFERENCE:	TSB: 02-002-23 GROUP 02 - Front Suspension	Date:	February 1, 2023	<b>REVISION:</b>	-	
VEHICLES AFFECTED:	2022 (WD) Dodge Durango This bulletin applies to vehicles built on or after August 01, 2022 (MDH 0801XX) and on or before September 12, 2022 (MDH 0912XX).			MARKET APPLICABILITY:		
				⊠NA	□СН	
				⊠EE		
				⊠SA	⊠MEA	
CUSTOMER SYMPTOM:	<ul> <li>The technician of customer may notice one or more of the following:</li> <li>A loud noise from the front wheel area (worse on turns).</li> <li>A humming or clunk noise, brake pulsation, or vibration in the steering wheel.</li> </ul>					
CAUSE:	Improperly torqued wheel bearing to knuckle joint bolts.					

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 23-021, date of issue February 01, 2023. All applicable UnSold 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 tightening both front wheel bearing to knuckle joint bolts to spec.

### CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time	
05-21-09-9D	Front Wheel Bearing to Knuckle Bolts - Torque (Both Sides) (1 - Semi-Skilled)	6 - Electrical and Body Systems	0.3 Hrs.	
Failure Code ZZ		Service Action		

#### **DIAGNOSIS:**

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

## **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.
- Remove the front wheel and tire assembly. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> 22 - Tires and Wheels / Wheels / Standard Procedure.

3. Tighten the front three hub bearing mounting bolts (Fig. 1) to 100 N⋅m (74 ft. lbs.). Repeat this step for the other side of the vehicle.



Fig. 1 Front Three Hub Bearing Mounting Bolts (2x4 Shown, 4x4 Similar)

1 - Hub Bearing Mounting Bolts

- Install the front wheel and tire assembly. Refer to the detailed service procedures available in DealerCONNECT> Service Library under: Service Info> 22 - Tires and Wheels / Wheels / Standard Procedure.
- 5. Lower the vehicle.

## **POLICY:**

Reimbursable within the provisions of the warranty.

This bulletin is supplied as technical information only and is not an authorization for repair. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without written permission of FCA US LLC.