



**NUMBER:** 02-004-22

**GROUP:** 02 - Front Suspension

**DATE:** April 12, 2022

*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.*

**This bulletin supersedes Technical Service Bulletin (TSB) 02-005-21, date of issue October 20, 2021, which should be removed from your files. All revisions are highlighted with **\*\*asterisks\*\*** and include an updated parts table.**

**SUBJECT:**

Vehicle Leans To The Left

**OVERVIEW:**

This bulletin involves replacing the left front and left rear springs.

**MODELS:**

2021 - 2022 (DT) RAM 1500 Pickup

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

**NOTE: This bulletin applies to vehicles equipped with a 6.2L Supercharged HEMI V8 SRT Engine (Sales Code ESD).**

**SYMPTOM/CONDITION:**

Customers may comment on the following:

- The vehicle leans to the left.

**DIAGNOSIS:**

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

**PARTS REQUIRED:**

Qty.	Part No.	Description
1	06512063AA	Bolt, M14 X 1.50 X 100 - Track Bar Axle (single use fastener)
1	06513560AA	Nut, M14 X 1.50 - Track Bar Axle (single use fastener)
2	06506557AA	<b>**Sta-Bar Link Nut (single use fastener)**</b>
1	<b>**06506276AA**</b>	Nut, Front Shock Upper (single use fastener)
1	06513410AA	Nut, M20 X 1.50 - Front Shock Lower (single use fastener)
1	06513502AA	Bolt, M20 X 1.50 X 175 - Front Shock Lower (single use fastener)
1	06513278AA	Bolt, M14 X 2.00 X 120 - Rear Shock Lower (single use fastener)

Qty.	Part No.	Description
1	6502698	Nut, M14 X 2.00 - Rear Shock Lower (single use fastener)
2	06513034AA	Caliper Adapter to Knuckle bolts
1	06506454AA	Axle Shaft Nut

**FRONT SPRING PARTS REQUIRED:**

Qty.	Left Front Spring On Vehicle	Replacement Left Front Spring
1 (AR)	68442792AC (Sales Code ZDD)	68442793AC on Left Front
1 (AR)	68442793AC (Sales Code ZDE)	68442794AC on Left Front
<b>1 (AR)</b>	<b>68442794AC (Sales Code ZDF)</b>	<b>Install 68442793AC on the RIGHT FRONT</b>

**REAR SPRING PARTS REQUIRED:**

Qty.	Rear Spring On Vehicle	Replacement Left Rear Spring
1 (AR)	68442781AA (Sales Code ZGV)	68442782AA on the Left Rear
1 (AR)	68442782AA (Sales Code ZGW)	68442783AA on the Left Rear
1 (AR)	68442783AA (Sales Code ZGX)	68442784AA on the Left Rear
1 (AR)	68442784AA (Sales Code ZGY)	68442785AA on the Left Rear
1 (AR)	68442785AA (Sales Code ZGZ)	68442786AA on the Left Rear
1 (AR)	68442786AA (Sales Code ZHR)	68442787AA on the Left Rear
1 (AR)	68442787AA (Sales Code ZHT)	68442788AA on the Left Rear
1 (AR)	68442788AA (Sales Code ZHU)	68442789AA on the Left Rear
<b>1 (AR)</b>	<b>68442789AA (Sales Code ZHV)</b>	<b>Install 68442788AA on the RIGHT REAR</b>

**NOTE:** Before beginning this Repair Procedure, determine the correct spring part numbers equipped on the left front and left rear springs of the vehicle (part number id tag is attached to the spring, or reference VIP sales codes per spring tables).

Order the replacement left front and left rear springs based on the spring replacement tables above. The spring part numbers in column two are to be replaced with the corresponding replacement spring in column three.

Do not replace all four springs on the vehicle. Only replace the springs listed in the above tables.

This is expected to change the left to right lean by 5-15 mm ( 0.19-0.59 in.) as noted at the bed corners.

**REPAIR PROCEDURE:**

1. Replace the front left spring. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>02 - Front Suspension / Front, Independent Front Suspension / Spring, Front / Removal and Installation.
2. Replace the left rear spring. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>17 - Rear Suspension / Spring(s) / Removal and Installation.
3. Perform a front suspension wheel alignment. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>02 - Front Suspension / Wheel Alignment / Standard Procedure.
4. Using wiTECH, perform an "Active Damping Height Sensor Calibration".
5. Clear all Diagnostic Trouble Codes (DTCs) that may have been.

**POLICY:**

Reimbursable within the provisions of the warranty.

**TIME ALLOWANCE:**

<b>Labor Operation No:</b>	<b>Description</b>	<b>Skill Category</b>	<b>Amount</b>
02-27-01-9F	Coil Spring, Replace Left Front and Left Rear (1 - Semi-Skilled)	4 - Chassis Systems	2.1 Hrs.

**FAILURE CODE:**

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