

Technical Service Bulletin (TSB)

Leaking Power Steering Fluid from the Power Brake Hydro-Booster Assembly

REFERENCE:	TSB: 05-003-24 GROUP: 23 - Body	Date:	June 13, 2024	REVISION:	-
VEHICLES AFFECTED:	2024 (D2) RAM 3500 Pickup 2024 (DJ) RAM 2500 Pickup 2024 (DD) RAM 3500 Cab Chassis 2024 (DP) RAM 4500/5500 Cab Chassis This bulletin applies to vehicles built on or after July 07, 2023 (MDH 0707XX) and on or before November 24, 2023 (MDH 1124XX).	MARKET APPLICABILITY:			
CUSTOMER SYMPTOM:	Customers may experience the following: <ul style="list-style-type: none"> Leaking power steering fluid from the hydroboost assembly. 				
CAUSE:	Contamination.				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 24-096, date of issue June 13, 2024. 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.

REPAIR SUMMARY:

This bulletin involves inspecting and possibly replacing the power brake hydro-booster assembly if a leak is found.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
05-60-01-9A	Hydro-Booster, Power Brake - Inspect for leaks 1 - Semi-Skilled)	5 - Brakes	0.2 Hrs.
05-60-01-9B	Hydro-Booster Assembly, Inspect and Replace Includes Brake Pedal Calibration Routine (1 - Semi-Skilled)	5 - Brakes	1.4 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	68433353AA	Hydro-Booster, Power Brake	DD, DJ, D2
1 (AR)	68351516AA	Hydro-Booster, Power Brake	DP
(AR)	68218057AC	Mopar® (MS-9602) ATF+4	
2 (AR)	00154939AA	Hydraulic Cylinder Flange Nut	
4 (AR)	06506618AA	Hydro Boost Assembly Flange Nut	

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. Spray brake parts cleaner on a clean cloth or sheets of paper towel [Fig. 1](#).



Fig. 1
Inspection Items To Use

2. Using the clean cloth or paper towels with cleaner applied, wipe the bottom of the black power brake hydro-booster body around the weep hole to remove all oils, moisture, and debris. The weep hole is located at the six o'clock position of the power brake hydro-booster assembly as installed, near the master cylinder/power brake hydro-booster assembly connection and can be reached from the inboard side [Fig. 2](#).

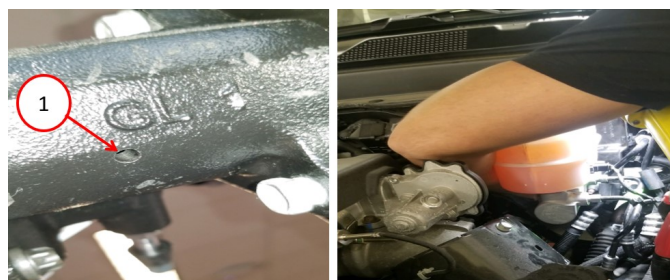


Fig. 2
Power Brake Hydro-Booster Weep Hole Location

3. Repeat [Step 1](#) and [Step 2](#) until all oil, moisture and debris are no longer present after wiping the weep hole.
4. Start the engine.
5. Depress the brake pedal hard to its full travel and then release. Repeat this action for a total of 30 cycles.
6. After completing 30 brake pedal cycles, hold the brake pedal down while a helper performs a power brake hydro-booster weep hole inspection.
7. Using a clean cloth or paper towels **without** brake cleaner applied, wipe the power brake hydro-booster weep hole. The weep hole is located at the 6 o'clock position of the power brake hydro-booster assembly as installed, near the master cylinder/power brake hydro-booster assembly connection [Fig. 2](#).
8. Is red fluid found on the cloth or sheets of paper towel after wiping the weep hole [Fig. 3](#)?
 - YES>>> Proceed to [Step 9](#).
 - NO>>> This bulletin has been completed. Use Inspection LOP (05-60-01-9A) to close the active RSU.

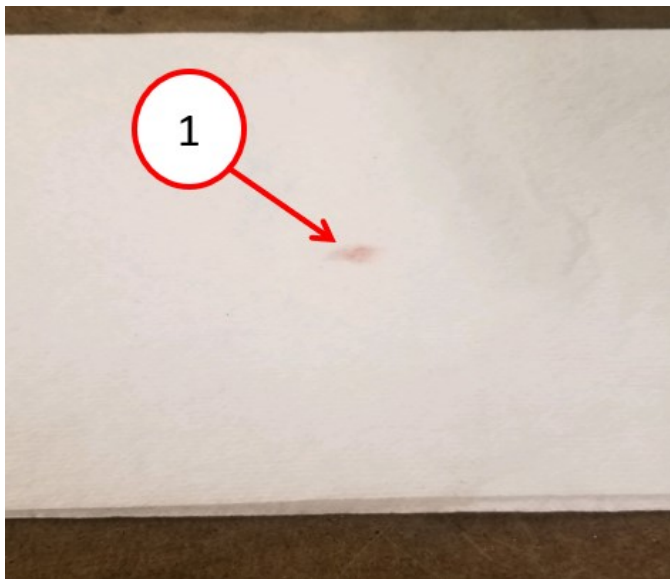


Fig. 3
Cloth/Paper Towel Inspection

1 - Indication Of Fluid Leaking Post Weep Hole Wipe Inspection.

9. Replace the power brake hydro-booster assembly. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 05 - Brakes / 05 - Brakes, Base / Hydraulic/Mechanical / Booster, Power Brake, Hydro-Boost / Removal and Installation.

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.