

REFERENCE:	TSB: 09-022-24 GROUP: 09 - Engine	Date:	December 5, 2024	REVISION:	-
VEHICLES AFFECTED:	2024 (WD) Dodge Durango This bulletin applies to the following vehicles equipped with a 5.7L V8 HEMI MDS VVT Engine (Sales Code EZH), Durango Pursuit Vehicle (Sales Code AZ1), Special Service Group (Sales Code AHV) and Engine Oil Cooler (Sales Code NHA).	MARKET APPLICABILITY:			
		<input checked="" type="checkbox"/> NA <input type="checkbox"/> MEA <input type="checkbox"/> SA <input type="checkbox"/> IAP <input type="checkbox"/> EE <input type="checkbox"/> CH			
CUSTOMER SYMPTOM:	Customers may comment on one or more of the following: <ul style="list-style-type: none"> • Vehicle overheats. • Coolant overflow recovery bottle contains milky fluid. • Coolant found leaking under the vehicle. • Engine oil cooler is leaking. 				
CAUSE:	Oil cooler erosion				

This Technical Service Bulletin (TSB) has also been released as a Rapid Service Update (RSU) 24-164, date of issue December 05, 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 installing a coolant flow restrictor and possibly replacing the engine oil cooler.

CLAIMS DATA:

Labor Operation No:	Labor Description	Skill Category	Labor Time
09-55-32-94	Install Coolant Restrictor (Unsold Vehicles) (1 - Semi Skilled)	1 - Engine Repair and Performance	0.8 Hrs.
09-55-32-95	Replace Engine Oil Cooler and Install Coolant Restrictor (Sold Vehicles) (1 - Semi Skilled)	1 - Engine Repair and Performance	0.9 Hrs.
Failure Code	ZZ	Service Action	

SPARE PARTS:

Qty	Part No.	Description	Notes
1 (AR)	04893310AA	Cooler, Engine Oil	
1	68730550AA	Restrictor, Coolant	
1	68163849AB	Antifreeze, Coolant, Gallon, 50/50 Mix	
1	04892339AB	Filter, Engine Oil	
1	68523994AA	Engine Oil, 0W20, Quart	
2	06512761AA	Rivet, M6 35X28.96, Spat Attaching	

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

REPAIR PROCEDURE:

1. Remove the radiator pressure cap.

WARNING!

Do not remove cylinder block drain plugs or loosen radiator draincock with system hot and under pressure. Serious burns from coolant can occur.

2. Drain the coolant into a clean container. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 07 - Cooling / Standard Procedure/ Draining.

NOTE: DO NOT WASTE reusable coolant. If the solution is clean, drain the coolant into a clean container for reuse.

3. Close the radiator draincock [Fig. 1](#).

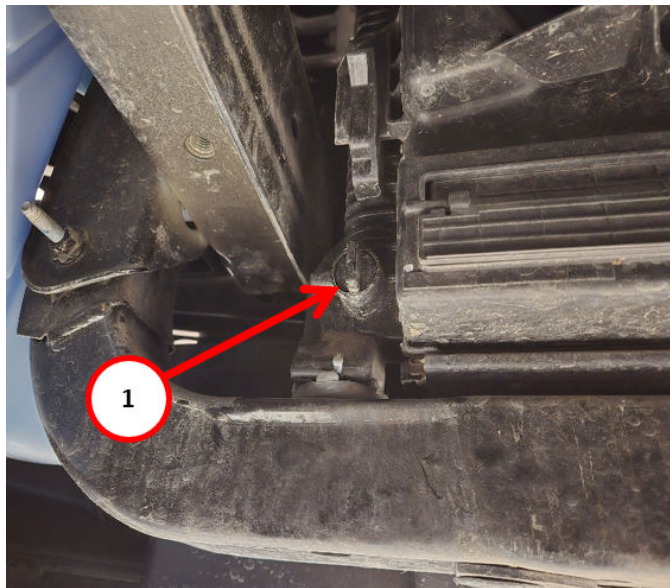


Fig. 1
Radiator Draincock

1 - Closed Radiator Draincock

4. Remove the hose clamp from the coolant hose [Fig. 2](#).

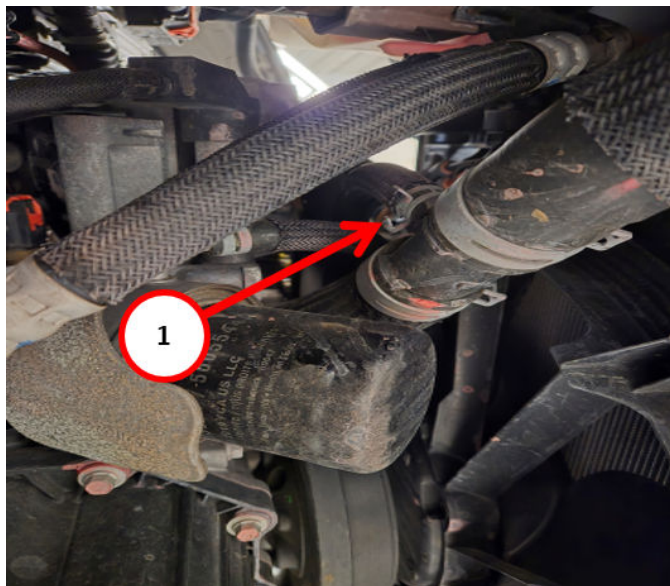


Fig. 2
Remove Coolant Hose Clamp

1 - Coolant Hose Clamp

5. Remove the coolant hose from the nipple.
6. Insert the coolant hose flow restrictor [Fig. 3](#) into the coolant hose [Fig. 4](#).

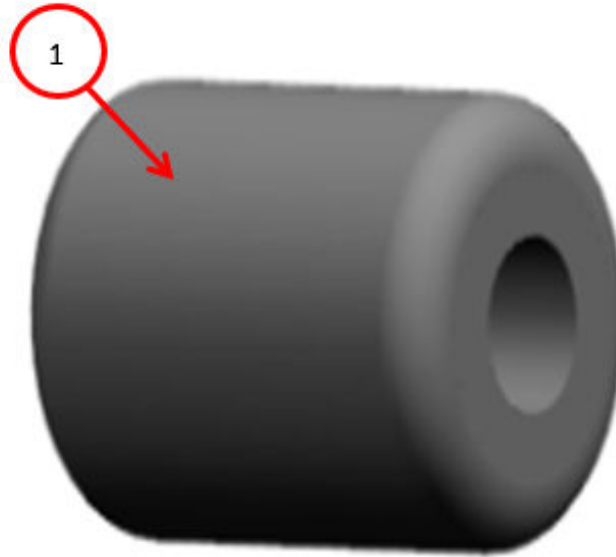


Fig. 3
Flow Restrictor

1 - Flow Restrictor

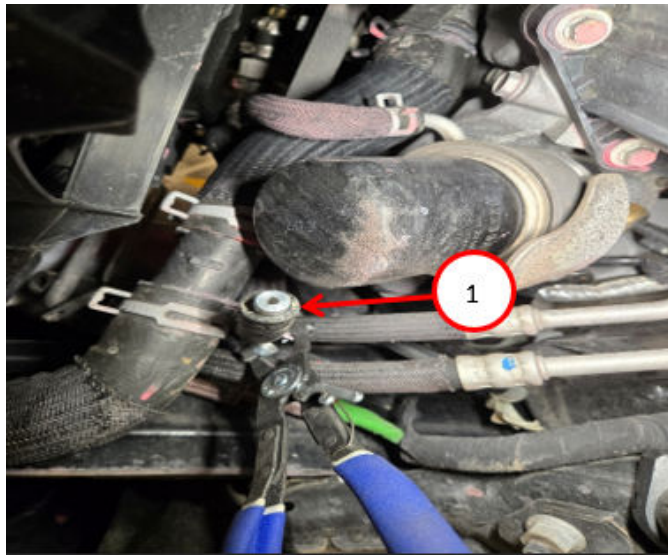


Fig. 4
Coolant Hose With Flow Restrictor

1 - Flow Restrictor Installed To Coolant Hose

7. Attach the coolant hose back to the nipple.
8. Move the coolant hose clamp into its installed position on the coolant hose and tighten [Fig. 2](#).
9. Is this a sold vehicle or a vehicle still in dealer inventory?
 - SOLD with greater than 100 Miles >>> Proceed to [Step 10](#).
 - INVENTORY or less than 100 Miles >>> Proceed to [Step 14](#).
10. Remove and **DISCARD** the engine oil filter from the engine oil cooler [Fig. 5](#).

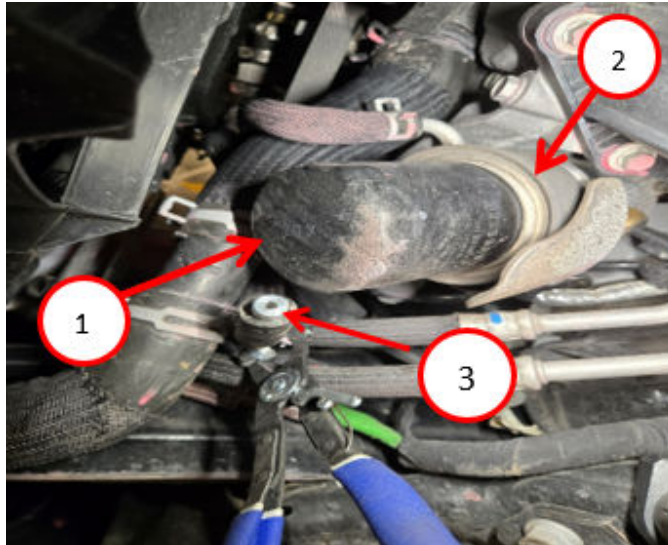


Fig. 5
Engine Oil Filter, Coolant Hose Restrictor, Engine Oil Cooler.

- 1 - Engine Oil Filter
- 2 - Engine Oil Cooler
- 3 - Coolant Hose Restrictor

11. Replace the engine oil cooler [Fig. 5](#). Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 09 - Engine, 5.7L / Lubrication / Cooler and Lines, Oil / Removal and Installation.
12. Lightly lubricate the **NEW** engine oil filter gasket with clean engine oil.
13. Install a **NEW** engine oil filter onto the engine oil cooler.

NOTE: When the oil filter gasket contacts the oil cooler sealing surface, hand tighten the oil filter one half turn, or 180°
14. Install the front skid plate. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info>13 - Frame and Bumpers / Under Body Protection / Plate, Skid, Front / Installation.
15. Evacuate cooling system and add drained, clean coolant. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 07 - Cooling / Standard Procedure/ Cooling System Air Evacuation.
16. Pressure test cooling system check for leaks. Refer to the detailed service procedures available in DealerCONNECT/Service Library under: Service Info> 07 - Cooling / Standard Procedure/ Cooling System Leaks / Pressure Tester Method.
17. Start the vehicle and confirm there are no coolant leaks.

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.