



NUMBER: 23-027-17

GROUP: 23 - Body

DATE: June 3, 2017

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SUBJECT:

Rusty Water Draining From Vehicle

OVERVIEW:

This bulletin involves drilling drain holes in the headlamp fastener pocket and replacing two headlamp fasteners.

MODELS:

2016 - 2017 (ZD) Dodge Viper

NOTE: This bulletin applies to vehicles within the following markets/countries: NAFTA.

NOTE: This bulletin applies to all vehicles built on or before February 01, 2017 (MDH 0201XX) equipped with the Extreme Hood (Sales Code MEW).

SYMPTOM/CONDITION:

Customers may describe rusty water sometimes drains down one or both sides of the vehicle after driving. This condition is caused by a headlamp fastener rusting.

DIAGNOSIS:

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

PARTS REQUIRED:

NOTE: One kit will repair both headlamps on the vehicle.

Qty.	Part No.	Description
1	68378430AA	Fastener Kit

SPECIAL TOOLS/EQUIPMENT REQUIRED:

Step Drill Bit	#1 5.93 mm (0.228 in.)
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REPAIR PROCEDURE:**NOTE: Repair procedure is to be done on both headlamps.**

1. Open the hood.
2. Remove and discard the headlamp fastener (Fig. 1) .



Fig. 1
Fastener Removed

3. Using a punch or equivalent tool, indent the carbon fiber to align pilot hole on the headlamp fastener pocket (Fig. 2) .



Fig. 2
Punch Marking Headlamp Pocket

4.

CAUTION! Care must be used while drilling hood to not damage rubber hood seal. Failure to do so may result in damage to hood and hood seal.

NOTE: Protect the area under headlamp fastener pocket as rusty water may drain from the pocket while drilling the pilot hole.

Using a drill and a 2 to 3 mm (0.07 to 0.11 in.) drill bit marked to a 35 mm (1.3 in.) max depth, drill a pilot hole into the headlamp fastener pocket (Fig. 3) .



Fig. 3
Drilled Drain Hole

5.

CAUTION! Care must be used while drilling hood to not damage rubber hood seal. Failure to do so may result in damage to hood and hood seal.

Using a #1 - 5.93 mm (0.228 in.) step drill bit marked to a 35 mm (1.3 in.) max depth, drill the pilot hole in the headlamp fastener pocket (Fig. 4) .

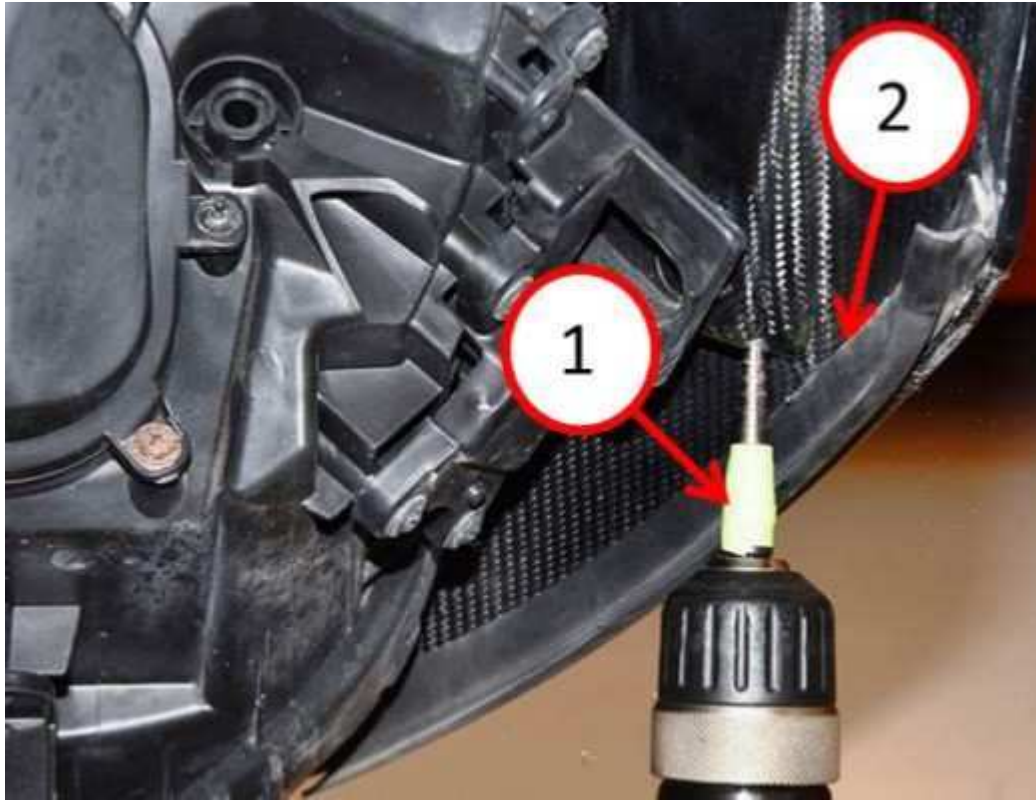


Fig. 4

Step Drill Hole And Hood Seal

- 1 - Step Bit Marked
 - 2 - Hood Seal
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6.

CAUTION! Protect all electrical and air induction areas under the hood that could be subjected to water intrusion as a result of directing water at the over wheel hood vents. Failure to do so may result in component failure.

NOTE: Do not use a pressure washer.

Close the hood and flush the remnants of corrosion that could remain inside the hood with a water hose. Direct the water at the hood vents over the wheels towards the front of the vehicle (Fig. 5) . Dry vehicle as needed.



Fig. 5
Direction To Water Flush Hood

- Once the corrosion has been flushed out of the hood, open hood and remove the rust residue (Fig. 6) from the hood liner seam with a cleaner wax.



Fig. 6
Hood Liner Seam Corrosion

- Install the new stainless steel headlamp fastener (Fig. 7) . Tighten fastener to 3 N·m (26 in. lbs.).



Fig. 7
New Headlamp Fastener

- Close the hood.

POLICY:

Reimbursable within the provisions of the warranty.

TIME ALLOWANCE:

Labor Operation No:	Description	Skill Category	Amount
08-50-31-9C	Fastener, Headlamp - Replace Both Front Outboard; Includes Fastener Pocket Modification (0 - Introduction)	6 - Electrical and Body Systems	0.4 Hrs.

FAILURE CODE:

ZZ	Service Action
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