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Coding Information

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Title: HX Radiator Debris Damage

Applies To: HX built before 1/13/2020

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

03/13/2020 - Initial Article Release

DESCRIPTION

This document will guide the user through adding shrouding to the radiator to prevent debris from entering the fan area.

SYMPTOM(s)

Engine side radiator damage due to debris entering the fan shroud, resulting in a coolant leak.

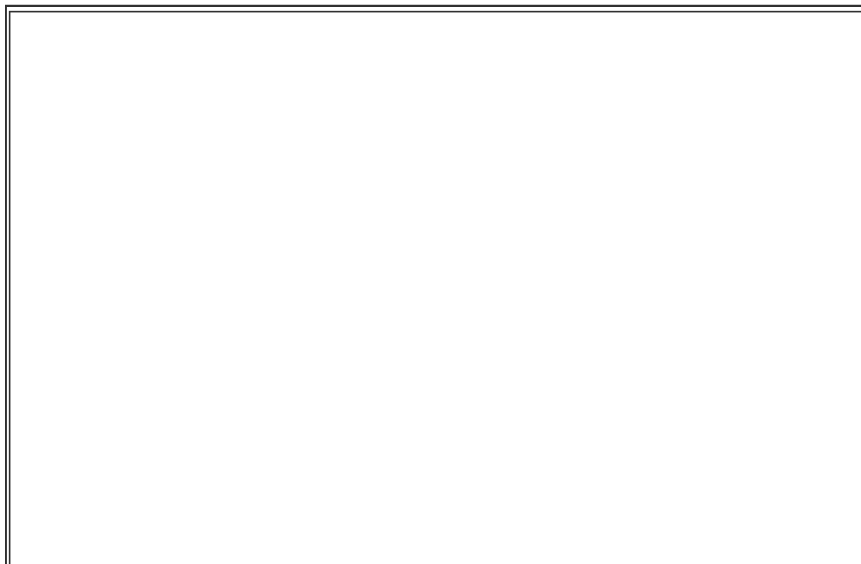




Figure 1: Radiator Opening

During engine fan operation debris can be pulled into the shroud area through this opening.

Customer Observations or Concerns:

Coolant leak.

SERVICE PARTS INFORMATION

Kit Description	Part Number	Quantity Required	Notes
Passenger's Side Seal	4179502C1	1	
Driver's Side Seal	4179915C1	1	

DIAGNOSTIC STEP(s)

Step	Action	Decision
1	<p>DIAGNOSTIC:</p> <p>Is there damage to the engine side of the radiator due to debris in the fan shroud?</p>	<p>Yes. Repair the radiator as needed and install the radiator shroud seals</p> <p>No. This article does not apply.</p>

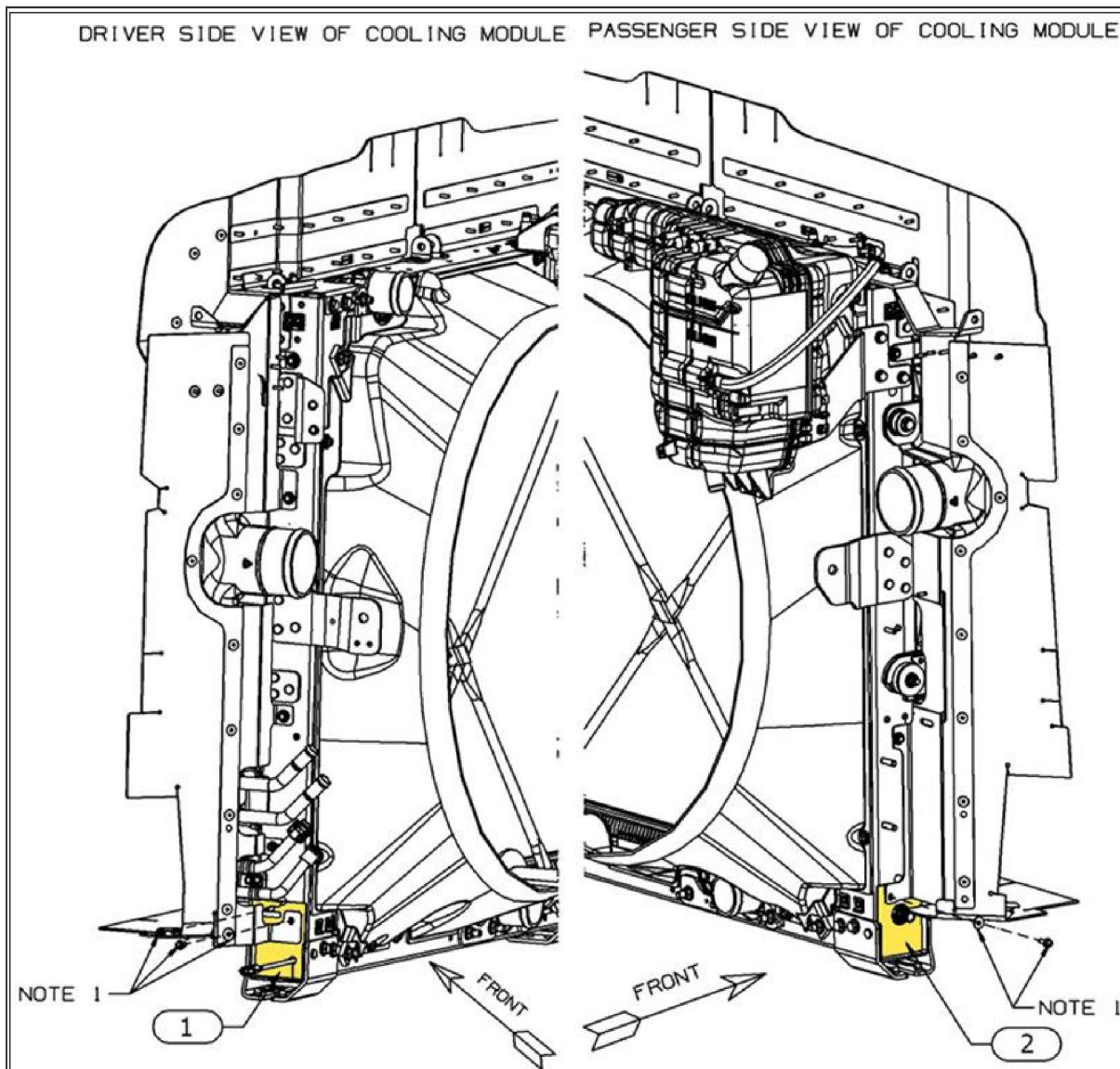


Figure 1: Radiator Shroud Seals

- Item 1: 4179915C1 Driver's Seal
- Item 2: 4179502C1 Passenger Seal

Note 1: Remove the 6M bolt and washer and install the seal, reinstalling the 6M bolt to hold the seal in place. Torquing the bolt to 8NM (70in lbs.).

REPAIR STEP(s)

INSTALLATION PROCEDURE:

Step 1: Remove the 6M bolt and washer.

Step 2: Install the seal, reinstalling the 6M bolt to hold the seal in place.

Step 3: Torqueing the bolt to 8NM (70in lbs.).

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

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