



FIELD SERVICE CAMPAIGN – 20106

20 October 2020

SUBJECT:

Upper Fan Ring Shroud Support Bracket Replacement

MODELS INVOLVED:

International® HV™ Series vehicles

DEFECT DESCRIPTION:

The upper fan ring shroud support bracket may have been assembled with an insufficient weld between the bracket and its mount which may cause the weld at the bracket to crack.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 20106. All other vehicles built during this period have either been inspected prior to shipment or determined to not require this repair. Also complete any other open campaigns listed on the International® Service PortalSM at this time.

TOOL INFORMATION:

There are no special tools required for this campaign.

PARTS REQUIRED:

Part Number	Description	Quantity
6131863C2	Support; Ring Shroud Assembly	1

Table 1 Parts Information

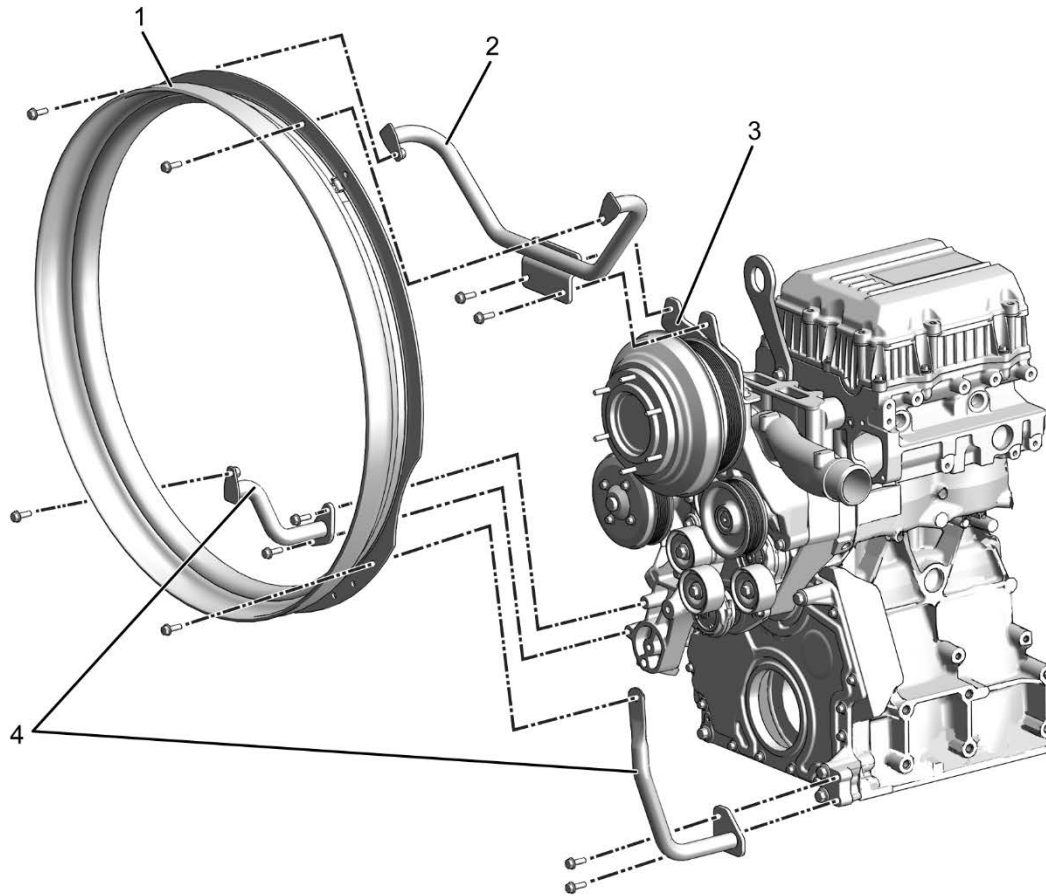
WORK INSTRUCTIONS

WARNING! To prevent personal injury and / or death, or damage to property, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

WARNING! To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

WARNING! To prevent personal injury and / or death, or damage to property, keep flames or sparks away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel explosive gases.

1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brakes.
3. Turn vehicle ignition to Key OFF position.
4. Install wheel chocks.
5. Unlatch and open hood.



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Figure 1. Fan Ring Shroud

1. Fan ring shroud
 2. Upper fan ring shroud support bracket
 3. Engine mounting boss
 4. Lower fan ring shroud support bracket (2)
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6. Remove two fasteners that connect fan ring shroud (Figure 1, Item 1) to upper fan ring shroud support bracket (Figure 1, Item 2). Save fasteners for reuse.
 7. Remove two fasteners that connect upper fan ring shroud support bracket to engine mounting boss (Figure 1, Item 3). Save fasteners for reuse.

8. Place new upper fan ring shroud support bracket into position on engine mounting boss. Install previously removed fasteners by hand until snug. Using a torque wrench, tighten fasteners to 23 lb-ft (31 N•m).
9. Place fan ring shroud into position on upper fan ring shroud support bracket. Install previously removed fasteners by hand until snug. Using a torque wrench, tighten fasteners to 23 lb-ft (31 N•m).
10. If upper fan ring shroud support bracket is broken, inspect lower fan ring shroud support brackets (Figure 1, Item 4) for signs of being cracked or broken.
 - a. If lower fan ring shroud support brackets are not cracked or broken, proceed to Step 11.
 - b. If lower fan ring shroud support brackets are cracked or broken, replace as necessary.
11. Close and latch hood.
12. Remove wheel chocks.

END OF SERVICE PROCEDURE

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-20106-1	Replace Upper Fan Ring Shroud Support Bracket	0.4 Hrs

Table 2 Labor Information

WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 20106.

Section 7 of the Warranty Policy and Procedures Manual contains further information related to the submission and processing of AFC / Recall claims.

As with all claim submissions, items acquired locally must be submitted in the “Other Charges” tab. The cost of any bulk items (such as a bag of cable tie straps, roll of wire, barrel of oil, or tube of silicone) should be prorated for the cost of the individual pieces / amount used during each repair.

To make sure this important improvement is made in a timely manner, all claims for 20106 activity must be submitted by 20 October 2021 or within the normal warranty period for the component repaired, if after 20 October 2021.

GROUP	NOUN	C	WARR.	TP	PAD

GROUP — Enter number ←

NOUN — Leave blank ←

C (CAUSE) — Enter either 1, 2, 3. (See below)

1. Inspected (No repair required).
2. Inspected and repaired.
3. Defective part from parts stock.

WARRANTY — (Warranty Code) Enter 40. ←

TYPE PART — Enter P for type part causing failure. ←

PAD — Enter 100 ←

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