



FIELD SERVICE CAMPAIGN – 22109

10 May 2022

SUBJECT:

International® HV™ Transfer Case Cooler Line Routing

MODELS INVOLVED:

International® HV™ Series Trucks

DEFECT DESCRIPTION:

Certain International® HV™ Series trucks may have transfer case cooler lines routed incorrectly that could result in chafing to the lines.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 22109. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED:

No special tools required

PARTS REQUIRED:

Part Number	Description	Quantity
3567391C1	EXTENSION, BODY, EXT CLP SLOT LDDR	1
Locally Sourced	Cable Tie Strap	1

Table 1 Parts Information

WORK INSTRUCTIONS

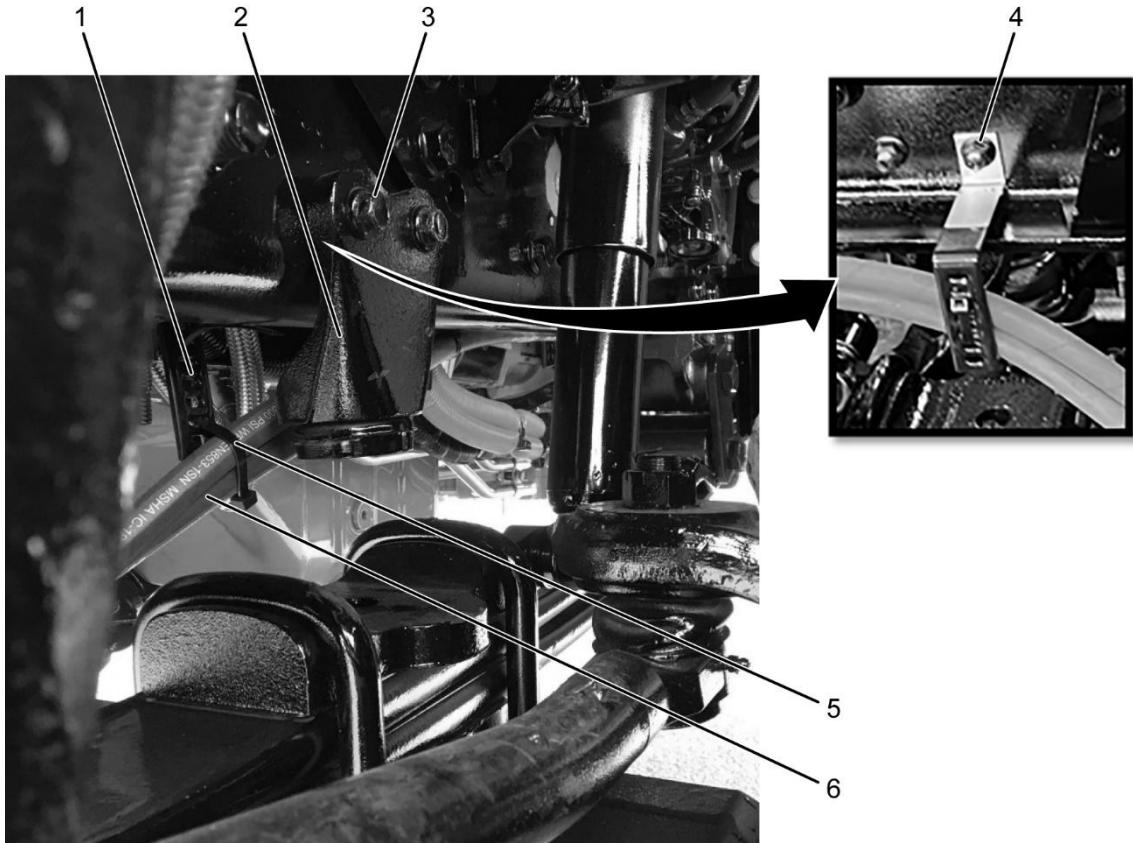
WARNING! To prevent personal injury and / or death, or damage to property, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

WARNING! To prevent personal injury and / or death, or damage to property, if the vehicle must be raised, do not work under the vehicle supported only by jacks. Jacks can slip or fall over.

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 level surface.
2. Shift transmission into Park or Neutral and set parking brake.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.



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Figure 1. Front Suspension Bump Stop

1. Body extension clip
2. Bump stop
3. Front bump stop M12 x 60mm bolt
4. Front bump stop M12 x 60mm nut
5. Cable tie strap
6. Transfer case cooler line (2)

5. Access front suspension bump stop (Figure 1, Item 2) located on driver-side.
6. Remove ONLY front bump stop M12 x 60mm nut (Figure 1, Item 4). Save nut for reuse.
7. Install body extension clip to front bump stop bolt and secure using previously removed M12 x 60mm nut.
8. Tighten front bump stop nut and bolt to 72 lb-ft (98 N•m).

9. Using cable tie strap, secure transfer case cooler lines (Figure 1, Item 5).
10. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-22109-1	Transfer case cooler line extension clip	0.3 hrs

Table 2 Labor Information

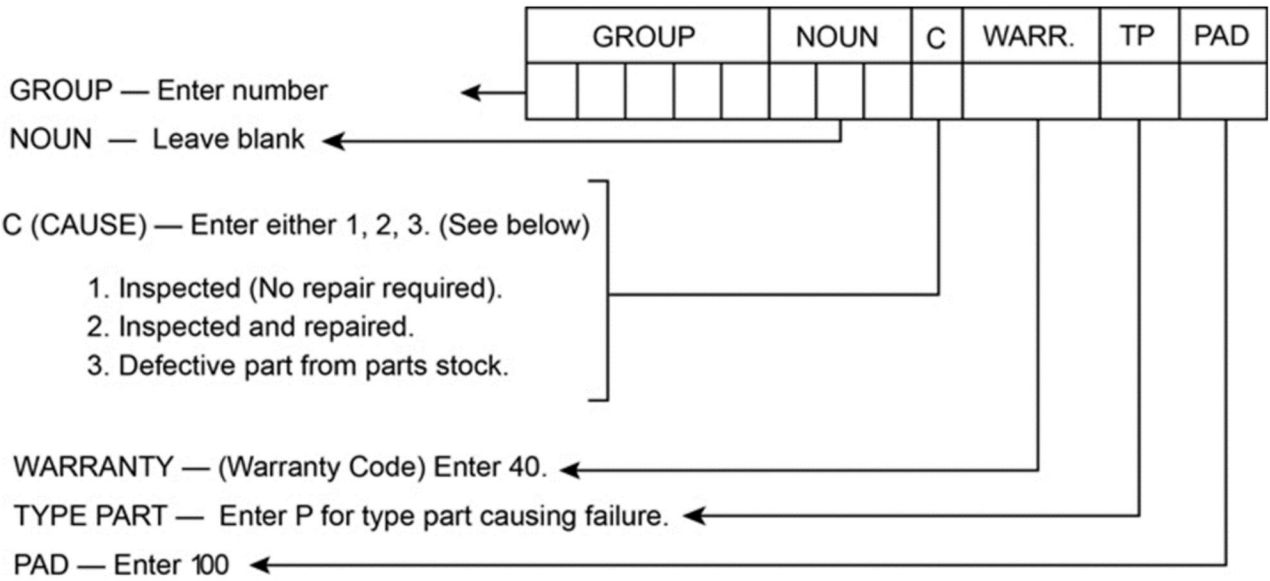
WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 22109.

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 22109 activity must be submitted by 10 May 2023 or within the normal warranty period for the component repaired, if after 10 May 2023.



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