



FIELD SERVICE CAMPAIGN – 19112

29 October 2019

SUBJECT:

Rerouting and Clipping of Aftertreatment Harness.

MODELS INVOLVED:

International® MV™ Series

DEFECT DESCRIPTION:

The Aftertreatment (AFT) harness may be improperly routed and under certain conditions, the cab may contact the AFT harness resulting in chafed or damaged wires.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 19112. 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
Source Locally	Cable Tie Strap	2
7096462C1	Abrasion Resistant Tape (If Required)	1

Table 1 Parts Information

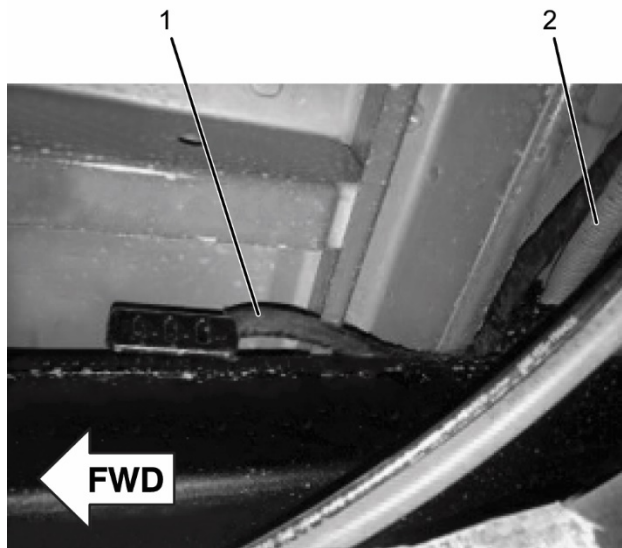
WORK INSTRUCTIONS

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 in front of and behind wheels 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, sparks or other heat sources away from vehicle and do not smoke while servicing the vehicle's batteries. Batteries expel gases which may cause an explosion resulting in personal injury / death, or damage to property, avoid contact with any heat sources.

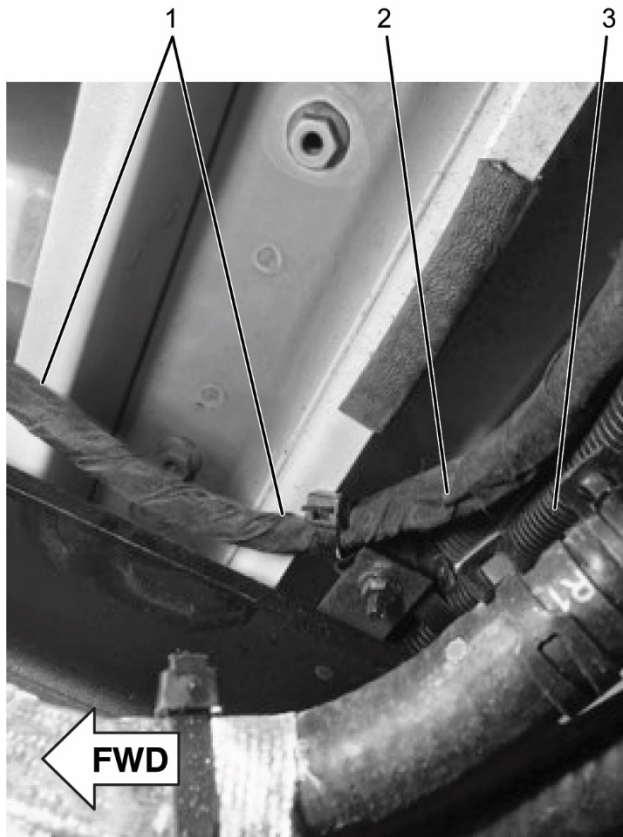
1. Park vehicle on flat surface.
2. Shift transmission into Park or Neutral and set parking brake.
3. Turn ignition to Key OFF position.
4. Install wheel chocks.



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Figure 1. Aftertreatment Wiring Harness

1. Aftertreatment wiring harness
 2. Diesel Exhaust Fluid (DEF) lines
5. Locate and access aftertreatment wiring harness (Figure 1, Item 1) positioned with DEF lines (Figure 1, Item 2) on passenger-side of vehicle frame.

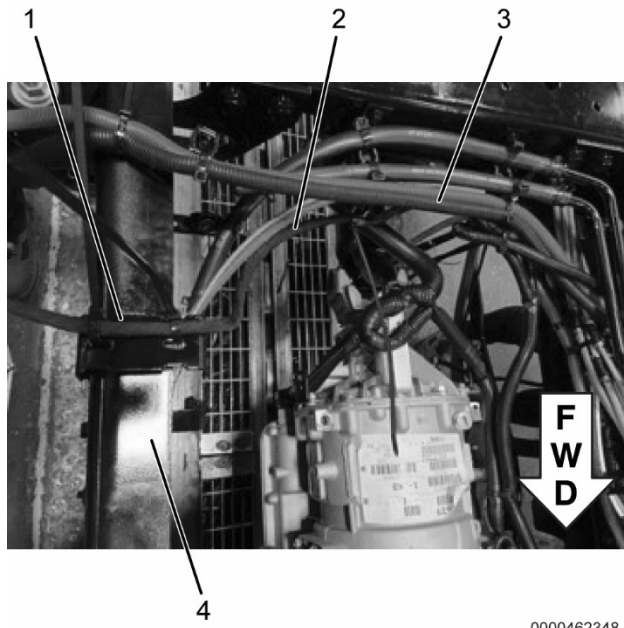


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Figure 2. Incorrect Harness Routing

1. Harness-to-cab contact points
2. Harness
3. DEF line

NOTE: Figure 2 depicts incorrect routing of Aftertreatment harness. Harness (Figure 2, Item 2) contacts underside of cab (Figure 2, Item 1).



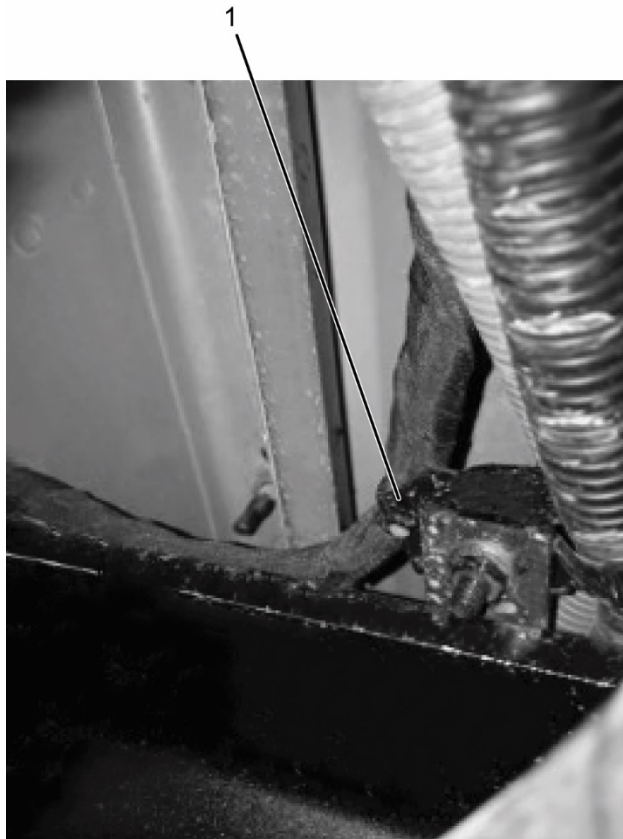
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Figure 3. Correct Harness Routing

1. Support bracket
2. Harness routing
3. DEF line
4. Frame rail

NOTE: Figure 3 depicts correct routing of Aftertreatment harness. Harness (Figure 3, Item 2) is aligned with and mounted to support bracket (Figure 3, Item 1) and does not contact underside of cab.

6. Verify routing of wiring harness is correct.
 - a. If harness routing is incorrect (Figure 2, Item 2), proceed to Step 7.
 - b. If harness routing is correct (Figure 3, Item 2), proceed to Step 12.



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Figure 4. Remove Cable Tie Strap

1. Cable tie strap
7. Remove cable tie strap (Figure 4, Item 1) securing harness to frame.
8. Inspect harness for any rub marks or frame contact.
 - a. If harness damage is found, refer to iKNow article IK0800269 for proper wire repair; proceed to Step 9.
 - b. If no damage is found, proceed to Step 9.
9. Reroute harness away from DEF lines (Figure 3, Item 3) and over frame rail (Figure 3, Item 4).
10. Using cable tie straps, fasten harness to support bracket (Figure 3, Item 1).

11. Remove excess cable tie strap material.
12. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-19112-1	Inspect Harness Routing; No Repair Required	0.3 hr
A40-19112-2	Inspect and Reroute Harness	1.0 hr
A40-19112-3	Perform Wiring Repair (If Required)	0.4 hr

Table 2 Labor Information

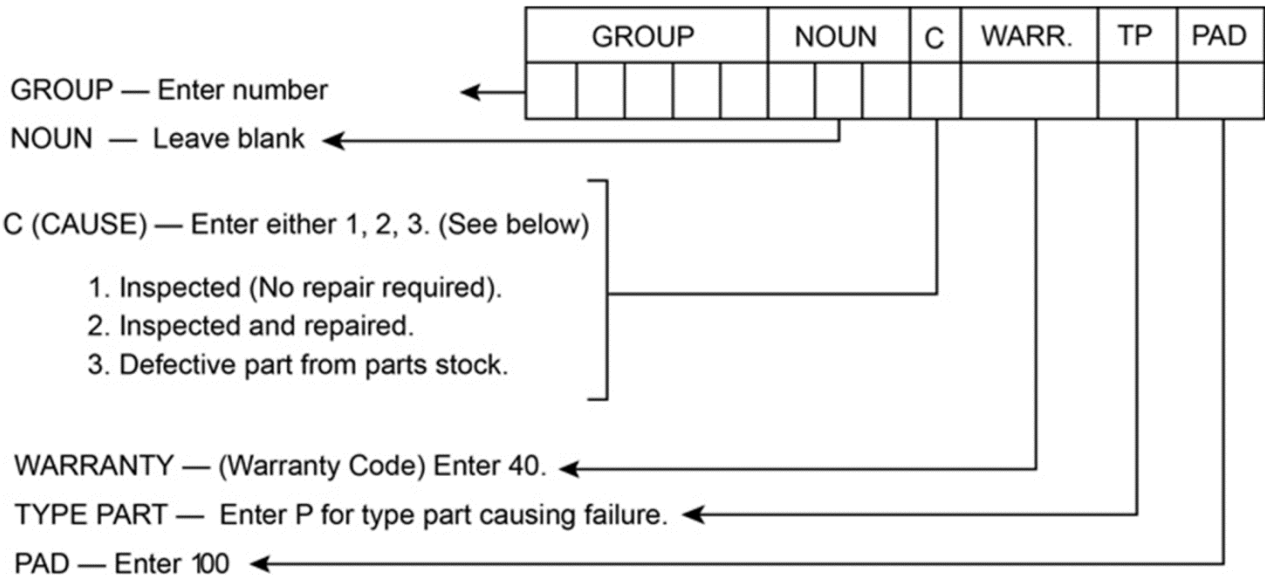
WARRANTY CLAIMS

Warranty claim expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Field Service Campaign 19112.

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 19112 activity must be submitted by 29 October 2020 or within the normal warranty period for the component, if after 29 October 2020.



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