



FIELD SERVICE CAMPAIGN – 20114

06 January 2021

SUBJECT:

Battery Interconnect Cable

MODELS INVOLVED:

International® HV™ Series and MV™ Series

DEFECT DESCRIPTION:

On certain International® HV™ and MV® Series trucks, the battery ground circuit interconnect cable may have been made with RED insulation instead of BLACK.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 20114. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED:

No special tools are required for this procedure.

PARTS REQUIRED:

Part Number	Description	Quantity
3783430C93	Cable, Battery Interconnect, Negative, 1	1
476074C1	Nut, Battery Terminal, 3/8-inch UNC	2

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

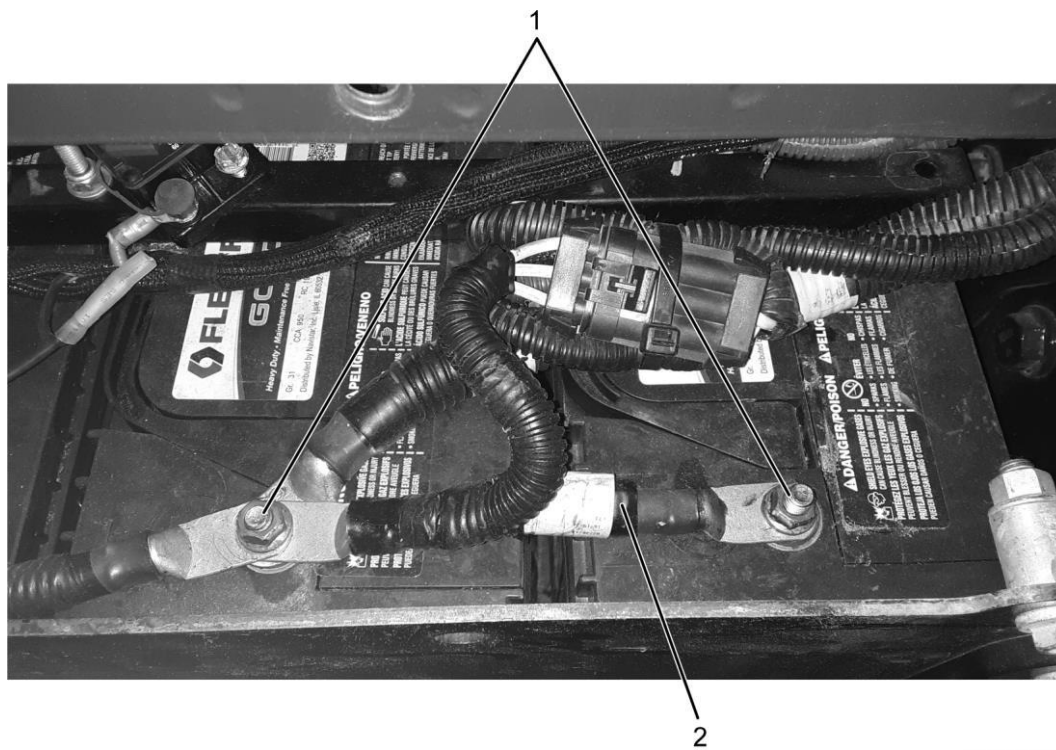


Figure 1. Battery Cables

1. Negative battery nut (2)
 2. Suspect interconnect cable
5. Remove battery box cover.
- NOTE: The suspect interconnect cable is connected to the main battery and then goes to a second battery. This cable also has the clean ground circuit connector.**
6. Inspect negative suspect interconnect cable (Figure 1, Item 2) by moving the BLACK conduit from the end of the cable.
 - a. If cable is BLACK, no action is required. Proceed to Step 13.
 - b. If cable is RED under the BLACK conduit, continue to Step 7.

7. Remove both negative battery nuts (Figure 1, Item 1).
8. Disconnect ground cable and other ground wires that may be installed on the negative battery terminal.
9. Disconnect battery clean ground connector halves.
10. Install new battery interconnect cable (P/N 3783430C93).
11. Reconnect battery ground cable and other ground wires that may have been removed.

Battery Type	Ground Nut Torque
Non Lithium-based battery	12 - 15 lb-ft (16.3 - 20.3 N•m)
Lithium-based battery	15.5 - 19 lb-ft (21 - 25.8 N•m)

Table 2 Ground Nut Torque Value

12. Secure with new battery nuts (P/N 476074C1). Using torque wrench, tighten ground nuts to value indicated in Table 2.
13. Install electric sealer paste to battery terminals and nuts.
14. Reconnect battery clean ground connector halves.
15. Install battery box cover.
16. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-20114-1	Replace Battery Ground Interconnect Cable	0.3 hrs

Table 3 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 20114.

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 20114 activity must be submitted by 06 January 2022 or within the normal warranty period for the component repaired, if after 06 January 2022.

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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