



FIELD SERVICE CAMPAIGN – 18110

26 September 2018

SUBJECT:

ISB Grid Heater Harness Reroute

MODELS INVOLVED:

Bus Models equipped with Cummins® ISB engine

DEFECT DESCRIPTION:

Certain IC Bus® CE Series buses may have been equipped with a Cummins ISB engine assembled with a modified fuel filter mounting bracket resulting in possible improperly routed grid heater harness. All other vehicles built during this period have either been repaired prior to shipment or determined to not require this repair.

ELIGIBILITY:

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with FSC 18110. 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 Service Portal at this time.

TOOLS REQUIRED:

No special tools required.

PARTS REQUIRED:

Part Number	Description	Quantity
3626607C1	STRAP, CABLE LOCK 250# 20"	1

Table 1 Parts Information

WORK INSTRUCTIONS

GOVERNMENT REGULATION: Engine fluid (oil, fuel, and coolant) may be a hazard to human health and the environment. Handle all fluid and other contaminated materials (such as filters and rags) in accordance with applicable regulations. Recycle or dispose of engine fluids, filters, and other contaminated materials according to applicable regulations.

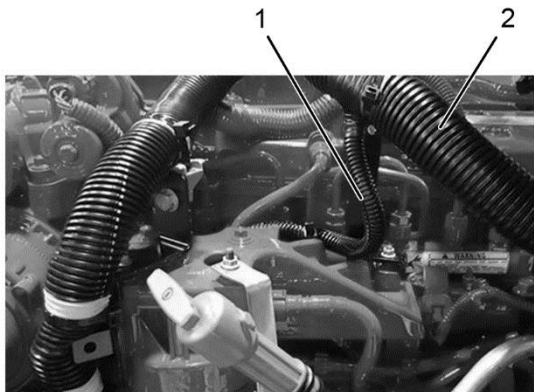
WARNING! To prevent property damage, personal injury, and / or death, park vehicle on hard flat surface, turn the engine off, set the parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

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

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

WARNING! To prevent property damage, personal injury, and / or death, allow components in engine compartment to cool before servicing engine or vehicle.

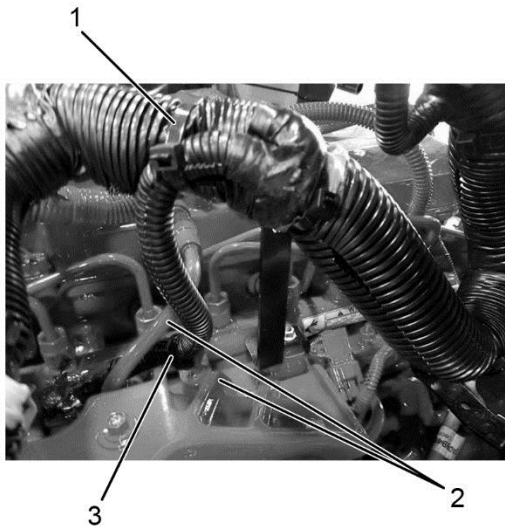
1. Park vehicle on flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Turn vehicle ignition to Key OFF position.
4. Install wheel chocks.
5. Unlatch and open hood.



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Figure 1. Grid Heater and Main Harness Wiring

1. Grid heater harness
 2. Main wire harness
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6. Locate grid heater harness (Figure 1, Item 1) where it exists from main wire harness (Figure 1, Item 2).



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Figure 2. Grid Heater Wiring Routing

1. Cable tie strap
2. Potential rub points
3. Existing cable tie strap

NOTE: Ensure wiring harness does not come in contact with any metal or sharp edges.

7. Lift grid heater harness so harness is not touching any metal or sharp objects (Figure 2, Item 2). Do not remove existing cable tie strap on the grid heater wiring (Figure 2, Item 3).
8. Install cable tie strap (Figure 2, Item 1) around main harness and grid heater harness. Verify grid heater harness is not contacting any metal or sharp objects (Figure 2, Item 2).
9. Cut excess cable tie strap and discard.
10. Close and latch hood.
11. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-18110-1	Grid Heater Wiring Reroute	0.3 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 18110.

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 18110 activity must be submitted by 26 September 2019 or within the normal warranty period for the component, if after 26 September 2019.

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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