

Authorized Field Change



AFC 18901

Date: FEBRUARY 2018

Subject File: ENGINE

Subject: HVAC Condenser

Model: International® LT® Series

Start Date: 22 November 2016 End Date: 14 September 2017

Engine Family: Cummins® ISX

DESCRIPTION

Navistar has decided to perform a proactive repair to increase customer uptime by replacing the A/C condenser before it may fail. The suspect population are certain International® LT® Series trucks with a sleeper, an ON / OFF fan drive, without a No Idle HVAC system, and operate for extended idle periods. The vehicles in this proactive repair are determined by the vehicle configuration at time of manufacture, the idle time on the engine, and the vehicle data received by Navistar using OnCommand® Connection.

ELIGIBILITY

This procedure applies ONLY to vehicles marked in the International® Service PortalSM with AFC 18901. Check and complete any other open campaigns also at this time.

TOOLS INFORMATION

Table 1. [Tools Information](#)

Part Number	Description
34988	Robinair A/C Machine or Equivalent

PARTS INFORMATION

Table 2. [Parts Information](#)

Part Number	Description	Quantity
2518753C91	Condenser, Left Non HX and HV	1
3543881C1	Seal, C-Plate 1/2"	2
3543727C1	Ring, "O" Seal Tan 10 25/32" X 2 5/8"	2

SERVICE PROCEDURE

! **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 property damage, personal injury, and / or death, 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 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.

1. Park on flat surface.
2. Shift transmission to Park or Neutral and set parking brake.
3. Install wheel chocks.
4. Remove grille from hood.
5. Unlatch and open hood.
6. Inspect A/C condenser for signs of prior replacement.



Figure 1. Condenser Isolators

1. Passenger-side isolator (2)
2. Driver-side isolator (2)

7. Inspect condenser mounting pads.
 - a. If both sides of condenser have rubber isolators / slots for isolators (Figure 1, Item 1 and 2), then condenser does not require replacement. Proceed to Step 12.
 - b. If only driver-side isolator / slots for isolators are found (Figure 1, Item 2), condenser must be replaced. Proceed to Step 8.
8. Recover A/C system, refer to appropriate Service Manual for detailed instructions.

SERVICE PROCEDURE (CONT.)

9. Remove A/C condenser, refer to appropriate Service Manual for detailed instructions.

NOTE: The new condenser comes with 4 new rubber isolators. Do not reuse the rubber isolators from the old condenser.

10. Install new condenser, refer to appropriate Service Manual for detailed instructions.

11. Evacuate and charge A/C System, refer to appropriate Service Manual for detailed instructions.

12. Close and latch hood.

13. Install grille.

14. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Table 3. Labor Information

Operation No.	Description	Time
A40-18901-1	Inspect Condenser	0.3 hr
A40-18901-2	Inspect and Replace Condenser	1.1 hr

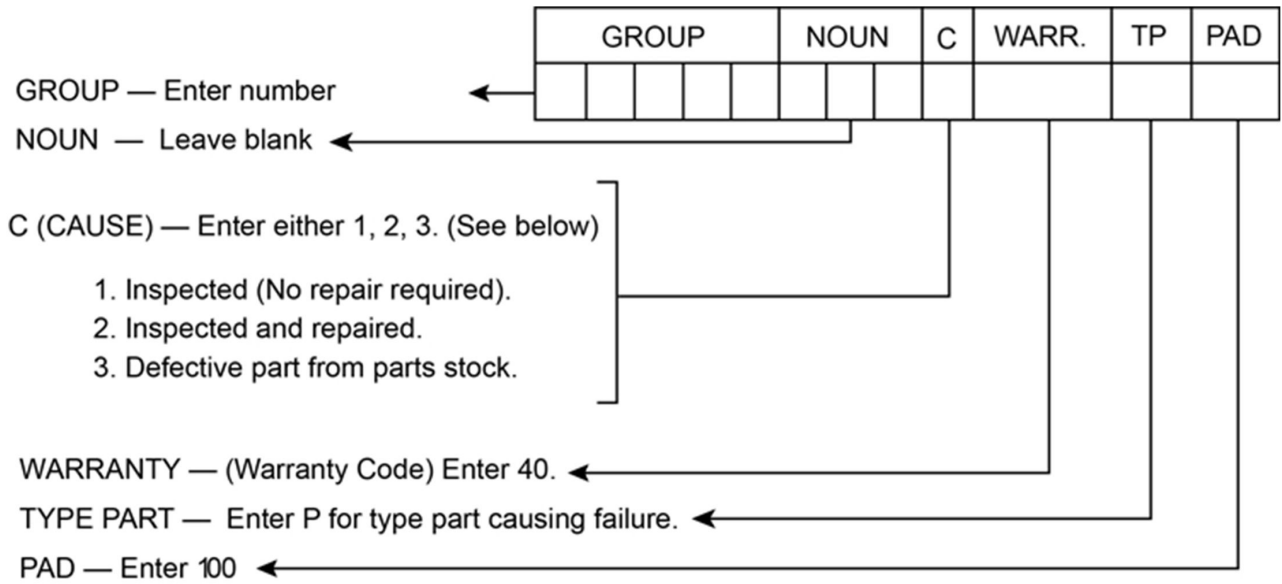
ADMINISTRATIVE PROCEDURE

Expense is to be charged to Warranty. Claims are to be submitted in the normal manner, making reference to Authorized Field Change Number 18901.

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 ensure this important improvement is made in a timely manner, all claims for 18901 activity must be submitted by 5 February 2019 or within the normal warranty period for the vehicle, if after 5 February 2019.



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