



FIELD SERVICE CAMPAIGN – 21101

18 February 2021

SUBJECT:

Coolant Deaeration on Tank.

MODELS INVOLVED:

Certain International® HV™ and LoneStar® Series trucks and IC Bus® CE buses

DEFECT DESCRIPTION:

The deaeration tank may leak coolant. Affects vehicles built 12 August 2020 through 24 September 2020. 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 21101. Also complete any other open campaigns listed on the Service Portal at this time.

TOOLS REQUIRED:

Description	Tool Number
Coolant Management Tool	KL5007NAV-U
Radiator Pressure Testing Kit	ZTSE2384

Table 1 Tools Information

PARTS REQUIRED:

Part Number	Description	Quantity
2512966C91	Deaeration Tank, Replace	1

Table 2 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 personal injury and /or death, or damage to property, allow components in engine compartment to cool before servicing engine or vehicle.

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.
5. Unlatch and open hood.

NOTE: Before removing deaeration tank cap, make sure engine has properly cooled.

6. Remove deaeration tank cap slowly to release any excess pressure.
7. Pressure test cooling system to 16 psi (110 kPa).

8. Inspect tank for coolant leaks along middle seams.
 - a. If leaks are present, remove pressure testing equipment and continue with Step 9.
 - b. If no leaks are present, remove pressure testing equipment and proceed to Step 15.
9. Drain cooling system to a suitable level using the Coolant Management Tool. See Technician / Service Manual for detailed instructions.
10. Replace deaeration tank assembly. See Technician / Service Manual for detailed instructions.
11. Refill cooling system to correct level and install deaeration tank cap.
12. Turn ignition to Key ON, Engine RUNNING. Check for leaks until engine reaches proper operating temperature.
13. Verify coolant level is correct.
14. Turn ignition to Key OFF.
15. Close and latch hood.
16. Remove wheel chocks.

LABOR INFORMATION

Operation number must appear on all claims.

Operation Number	Description	Time
A40-21101-1	Pressure Test System; No Repair Required	0.3 hrs
A40-21101-2	Pressure Test System; Replace Deaeration Tank	0.5 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 21101.

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 21101 activity must be submitted by 18 February 2022 or within the normal warranty period for the component repaired, if after 18 February 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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