

Authorized Field Change

AFC G-07906

Date: June, 2007

Subject File: Engine

Subject: Install EGR Cooler Deaeration Hose Restrictor

Model: 1300, 3200, 4300, 4400, 8500, CE, FE, RC, and RE Bus

Start Date: 01/01/2007 End Date: 04/26/2007

Engine Family: MaxxForce DT

Unit Code: 12VYX and 12VYW (truck)

Unit Code: 510924 (bus)

DESCRIPTION

MaxxForce DT engines are experiencing inadvertent low coolant warning light/buzzer activation.

It has been determined by International Truck and Engine Corporation that the above listed models were built with an EGR cooler deaeration hose that the inside diameter is too large and the restrictor fitting needs to be installed.

PARTS INFORMATION

Table 1

Part Number	Description	Quantity
8000891R91	Restrictor Kit	1

SERVICE PROCEDURE



WARNING – To avoid personal injury or death, shift transmission to park or neutral, set parking brake, and block wheels before doing diagnostic or service procedures.

To avoid personal injury or death, let hot engine cool and make sure pressure in the cooling system is released before starting modifications.

1. Loosen coolant system pressure cap.
2. Measure back 120 mm (approximately 5") on the top deaeration hose at the surge tank (Figure 1).

SERVICE PROCEDURE (CONT.)

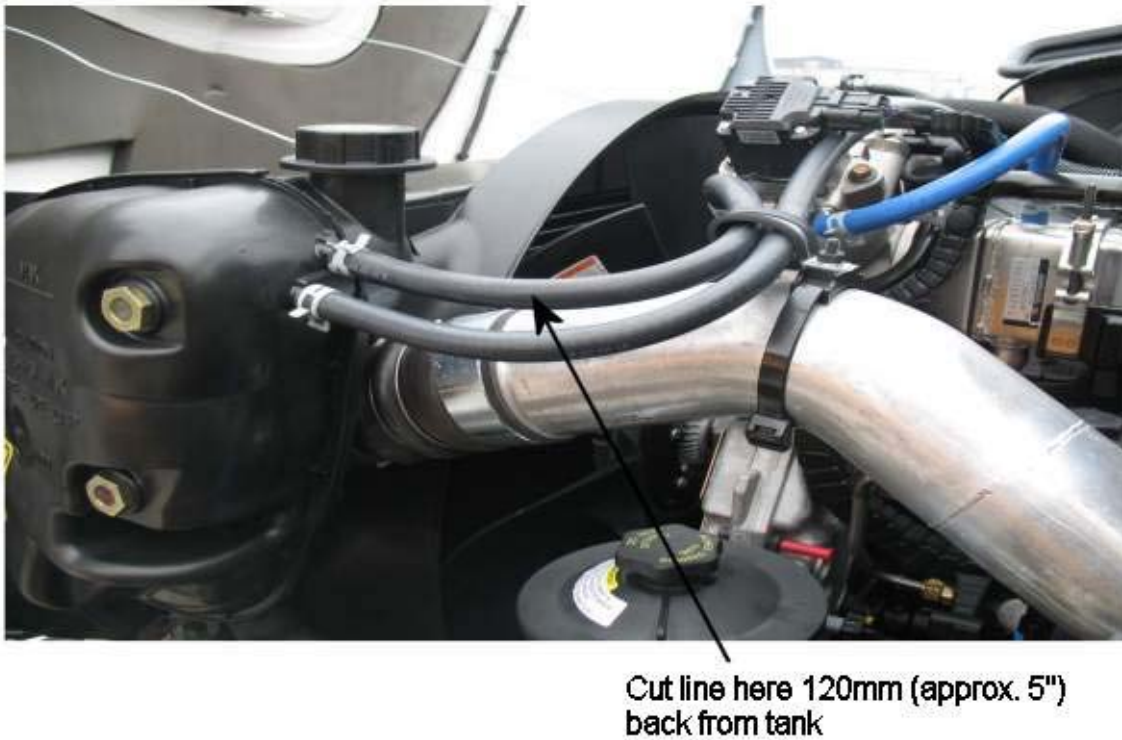


Figure 1 EGR Cooler Deaeration Hose Restrictor

3. Cut deaeration hose at the 120 mm (approximately 5") from the surge tank.
4. Install hose clamps from the parts kit on the hose on both sides of the cut.
5. Install restrictor. You will notice that the restrictor has a large hole in one end and a smaller hole in the other end, it makes no difference which way the restrictor is installed.
6. Slide clamps along the hose so they are positioned over the ends of the restrictor.
7. Tighten coolant system pressure cap.
8. Check for leaks and insure that the surge tank is at the full level.

Operation number must appear on all claims.

Table 2 Labor Information

Operation No.	Description	Time
A40-07906-1	8900891R91 Restrictor kit with clamps	0.3 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 G-07906

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions will be found in the Warranty Manual, Section 7-1. Special attention should be given to Items 39 through 44.

To assure this important improvement is made in a timely manner, all claims for G-07906 activity must be submitted by June 30, 2008 or within the normal warranty period for the vehicle, if after June 30, 2008.

GROUP	NOUN	C	WARR.	TP	PAD
GROUP Enter number G—	NOUN Leave blank	C (CAUSE) Enter either 1, 2, 3. (see below)	WARRANTY (Warranty Code) Enter 40.	TYPE PART Enter P for type part causing failure.	PAD Enter 100
		1. Inspected (No repair required).			
		2. Inspected and repaired.			
		3. Defective part from parts stock.			

Distribution: All except J-81

Reproduction: Not required.