

Authorized Field Change

INTERNATIONAL

AFC G-02908

Date: October, 2002

Subject File: ENGINE

Subject: 9200i, 9400i, and 9900i Models with Cummins ISX Engines and Leece Neville Starters, International Codes 08WWM and 08WTB, Built at Escobedo Before August 27, 2002 and at Chatham Before August 29, 2002 have Incorrect Starter Nose Cone Housings

Truck Model: 9200i
End Date: 08/29/2002

Truck Model: 9400i
End Date: 08/29/2002

Truck Model: 9900i
End Date: 08/29/2002

Engine Family: Cummins ISX

Unit Code: 08WWM

Unit Code: 08WTB

DESCRIPTION

Print ready (PDF file) copy of the AFC letter

Under certain conditions, Leece Neville starters, International Codes 08WWM and 08WTB, when used with Cummins ISX engines and 92/94/9900i Models built at Escobedo and Chatham have the potential for the starter shift housing to make contact with the engine motor mount.

PARTS INFORMATION

Table 1 **Parts Information**

Part Number	Description	Quantity
8000838R91	Starter Repair Kit Containing: Instructions (1) Starter Nose Cone Housing (1) New ID Label for Starter 3576959C91 (1) New ID Label for Starter 3576960C91 (1)	1

Table 2 **Label Information**

Old ID Label	New ID Label
3576959C91	3588403C91
3576960C91	3584402C91

SERVICE PROCEDURE



WARNING – To avoid property damage and/or personal injury, park the vehicle on a flat level surface, turn the engine off, set the parking brake, and chock the wheels.



WARNING – Batteries expel explosive gases. Keep sparks, flames, burning cigarettes, or other ignition sources away at all times. Always wear safety glasses and a face shield to prevent personal injury.

1. Disconnect the negative cable from the battery.
2. Disconnect power and ground cables from the starter motor.
3. Remove starter motor mounting bolts and remove starter.
4. Place the starter motor on a work bench and remove the nose cone housing mounting bolts (Figure 1) .

SERVICE PROCEDURE (CONT.)

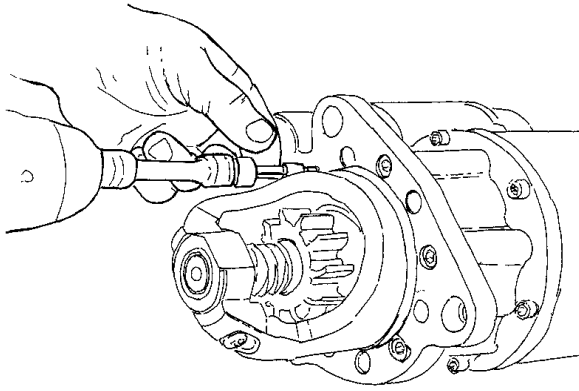


Figure 1 Remove Starter Motor Nose Cone Housing

5. Remove the nose cone Housing. Verify the washer is still on the shaft (Figure 2).

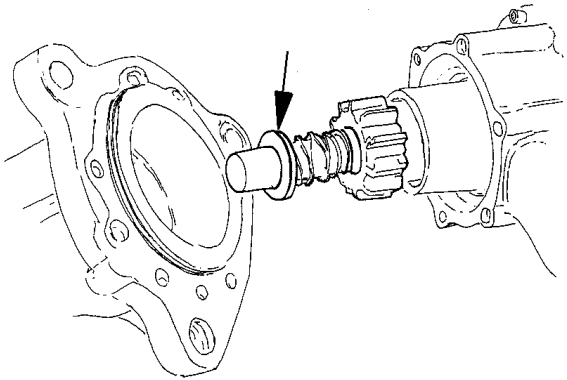


Figure 2 Verify Washer is on the Shaft (Arrow)

NOTE – Do not reuse the removed nose cone housing, scrap locally.

6. Install the new nose cone housing. Align the flange as shown in Figure 3. When the nose cone housing flange is correctly aligned, the flange mounting hole, arrow in Figure 3 , will be approximately in line with the solenoid housing mounting bolt. Placing a screwdriver through the flange hole in line with the solenoid mounting bolt (Figure 4) may be helpful to guide to align the nose cone housing flange.

SERVICE PROCEDURE (CONT.)

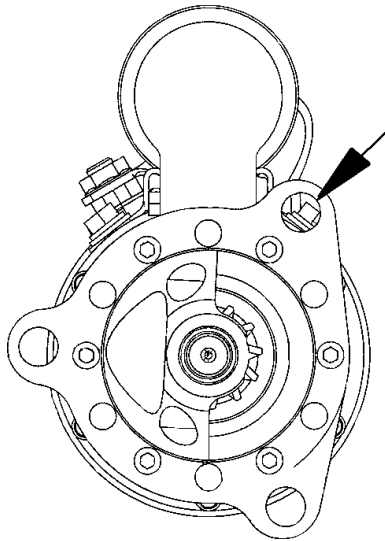


Figure 3 Flange Mounting Hole (Arrow) Aligned with Solenoid Housing Mounting Bolt Shown in the Background When Viewed Through the Flange Mounting Hole

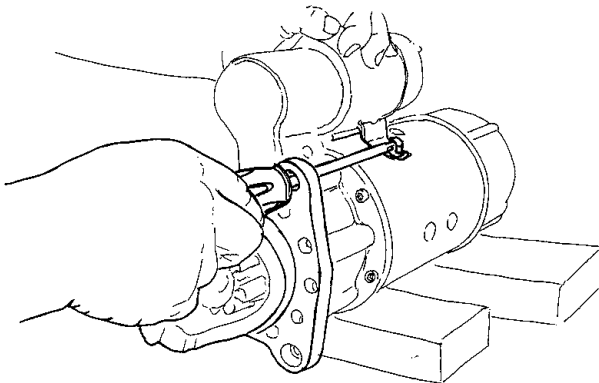


Figure 4 Using a Screwdriver to Align Flange Mounting Hole with Solenoid Housing Mounting Bolt

7. Apply Loc-Tite 242 to the nose cone housing mounting bolts and tighten to 25 Lbf-ft (34 Nm).
8. Verify the starter motor is free to rotate counter clockwise.
9. Remove the starter identification label and replace with a new label from the service kit. Refer to Table 2 for the correct label to use for the starter motor being serviced (Figure 5).

SERVICE PROCEDURE (CONT.)

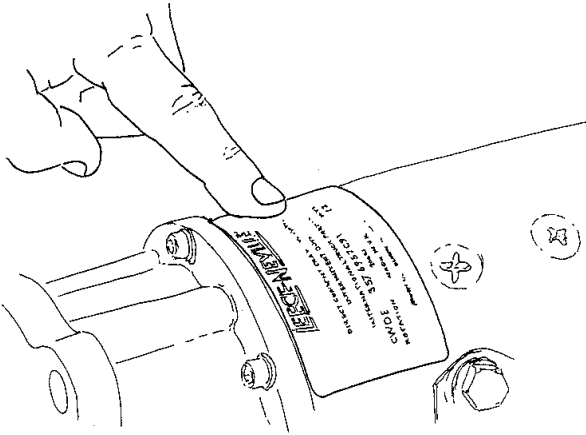


Figure 5 Attach New ID Label

10. Remove the rubber seals from the old nose cone and install into the unused bolt holes in the new nose cone (Figure 6).

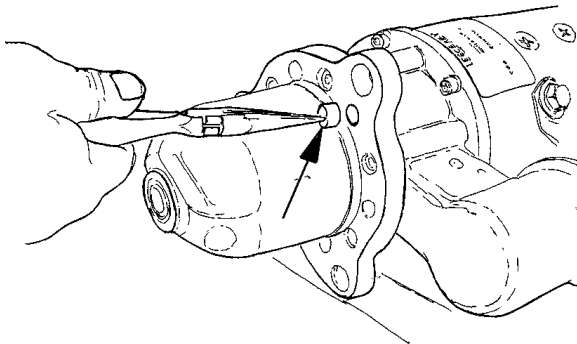


Figure 6 Installing Rubber Seals (Arrow)

Scrap nose cone housings locally.

Operation number must appear on all claims.

Table 3 Labor Information

Operation No.	Description	Time
A40-02908-1	Replace Starter Motor Nose Cone Housing	1.9 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-02908.

It is important that the coding be completed properly to assist in processing the warranty claim. Complete instructions can 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-02908 activity must be submitted by October 31, 2003 or within the normal warranty period for the vehicle, if after October 31, 2003.

GROUP	NOUN	C	WARR.	TP	PAD
GROUP Enter number G—					
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					

Distribution: All except J-81
Reproduction: Not required.

Figure 7