FT4867 Hydraulic level sensor defective CATA (MQR 7621-1684)

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Parts/ pièces, description	Part # / # de pièce	QTY / Qté
SENSOR LEVEL HYDRAULIC	N99760	1
CABLE TIE	G5007994	1
Shop Supply	**Part # / # de pièce**	**QTY / Qté**
LOCTITE THREAD SEALANT WHITE	N37086	1 *

* 1x tube of 250ml. for the campaign

Labour level 1 / main d'oeuvre niveau 1	20 min.

MQR	7621-1684

Disposal of parts / disposition des pièces		
Removed parts are / les pièces retirées sont:		When the retained check box is check, the parts must be retained and returned in accordance with the usual warranty procedure to be reimbursed / Pour être remboursées, les pièces doivent être conservées et retournées selon le processus de garantie habituel.
Discarded / jetées	Retained/conservées	
x		

Client	Order/Lot	Road numbers / No de véhicule		VIN / NIV		QTY / QTÉ	Lang.	Customer Group/ Groupe client	Target market / marché cible	Plant / Usine	Engine Config / Config moteur	Model / modèle	NR	R1
Capital Area Transportation Authority Michigan - CATA	LC07	6012	6015	S92J5K9777269	S92J5K9777272	4	E	US-Prv	US	PLB	TD	60	x	
Capital Area Transportation Authority Michigan - CATA	LC08	700	718	L82J7K9777278	L82J8K9777306	19	E	US-Prv	US	PLB	TD	40	x	

Jean-Nicolas Fournier

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Date: 2020.06.03 15:42:40 -04'00'

MQR 7621-1684

Replacement of Hydraulic Oil Level Sensor

➢ Field Instructions Rev00

14/04/2020

WARNING : Follow your internal safety procedures.

A) VEHICLE PREPARATION

STEPS:

1. Park the vehicle on an even surface with transmission on neutral (N) and apply the parking brake.
2. Set the Master Control Switch in STOP position (see figure 1).
3. Before starting any work on the vehicle, make sure that the vehicle is completely and securely stationary.
4. Disconnect the starting circuit on the control box at the rear of the vehicle and place the battery disconnect switch in OFF position.

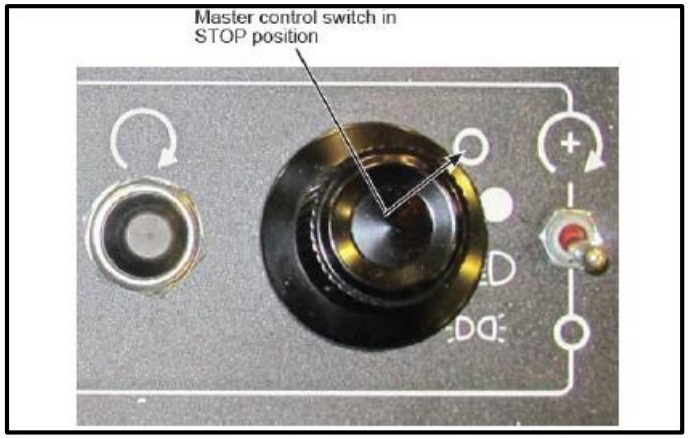

Figure 1 – Master Control Switch in STOP Position

MQR-1684 - Bill Of Materials

Items required for the replacement of the hydraulic oil level sensor

ITEM	NOVA PN	DESCRIPTION	QUANTITY
1	N99760	SENSOR LEVEL HYDRAULIC	1
2	N37086	THREAD SEALANT WHITE	2 ml
3	G5007994	CABLE TIE	1

MQR-1684 – Hydraulic Sensor Location

Engine compartment

Field Instructions

1. Open the engine compartment rear door to access the hydraulic tank (see figures #2 and #3).
2. Cut cable tie and disconnect the hydraulic oil level sensor electrical connector (see figure #3).

Figure 2 – Rear Door Compartment

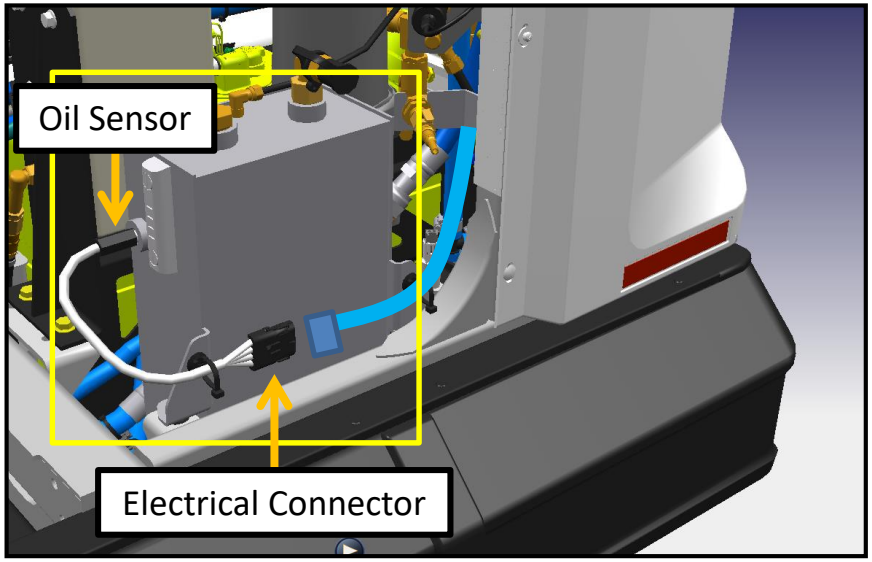

Figure 3 – Hydraulic Tank Location

MQR-1684 – Replacement of the Hydraulic Oil Level Sensor

3. Apply a bead of Loctite 565 thread sealant (P/N N37086) onto male threads of the new sensor starting two threads from the end (see figure #4).
4. Unscrew and remove the existing oil sensor from the hydraulic oil tank.

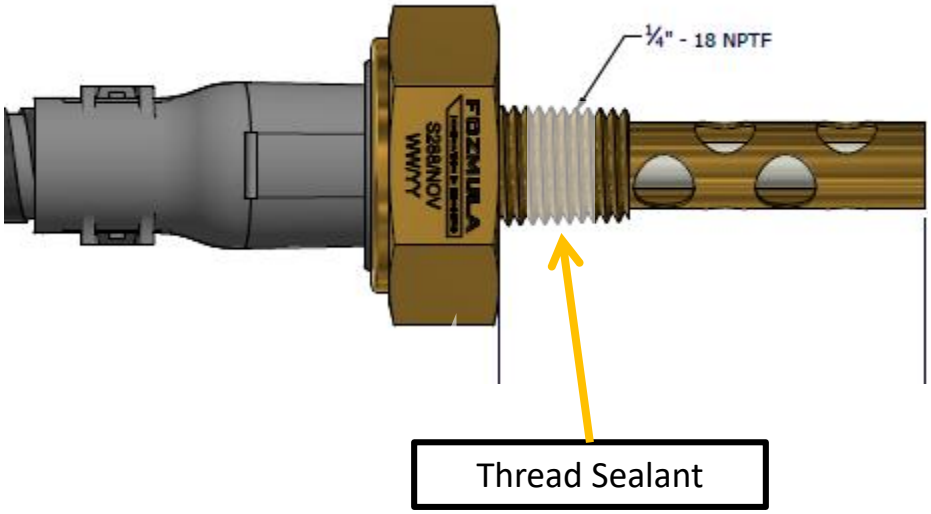

Figure 4 – Hex Head Plug

MQR-1684 – Replacement of the Hydraulic Oil Level Sensor

5. Use a clean rag or cloth to catch any fluid that may escape the hydraulic oil tank sensor threaded hole.
6. Immediately insert the new sensor into the hole and quickly fasten it finger tight. Torque to 2 turns past finger tight using an appropriate wrench. The recommended installation torque is 9Nm. (There is no specific mounting orientation to respect).
7. Apply torque seal bead once tightened.
8. Reconnect electrical connector and tie-wrap to existing support.
9. Bus can be returned to service.