



INSTRUCTION TO SERVICE

ITS61138		28-Aug-2024
SECTION:	219-Engine and Transmission (Oil level dipstick)	
SUBJECT:	Replace the Cummins supplied oil level dipstick support bracket with a NF designed version.	
ISSUE:	Existing Cummins oil level dipstick support p-clip breaks due to stress.	
SUMMARY:	Replace the Cummins supplied oil level dipstick support bracket with a NF designed version due to Cummins not having a better option.	

ITS61138

Ref. NHTSA Recall No.	Ref. Transport Canada Recall No.
Not Applicable	Not Applicable

THIS ITS DOCUMENT SHOULD BE RETAINED AND REFERRED TO FOR FUTURE MAINTENANCE UNTIL THE NEW FLYER PARTS AND/OR SERVICE MANUAL IS UPDATED TO REFLECT WORK DONE AS A RESULT OF THIS DOCUMENT. ENSURE THAT THIS DOCUMENT IS AVAILABLE FOR PARTS AND MAINTENANCE STAFF GOING FORWARD.

PROCEDURE:

1. Set park brake and chock wheels.
2. Turn the main battery disconnect switch to the “OFF” position.
3. Locate the oil level dipstick tube support bracket.

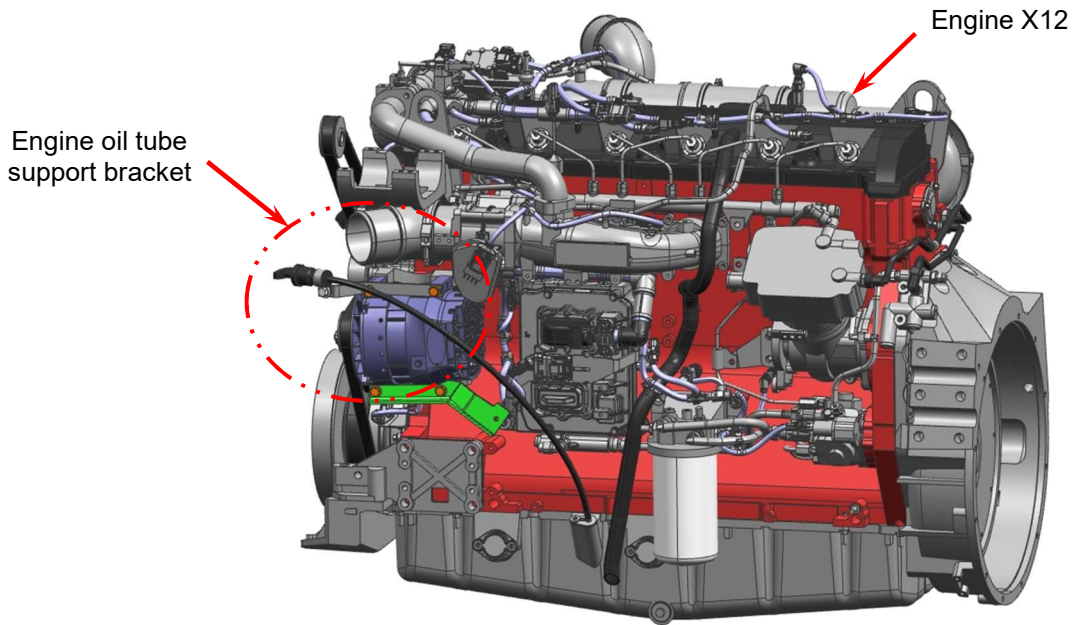


Figure 1: Engine Oil Tube Dipstick Support Bracket Location

4. Remove and discard the existing p-clip and bolt, tie back the oil tube.
5. Remove and save the two bolts securing the oil tube support bracket and alternator to the engine, discard the bracket.

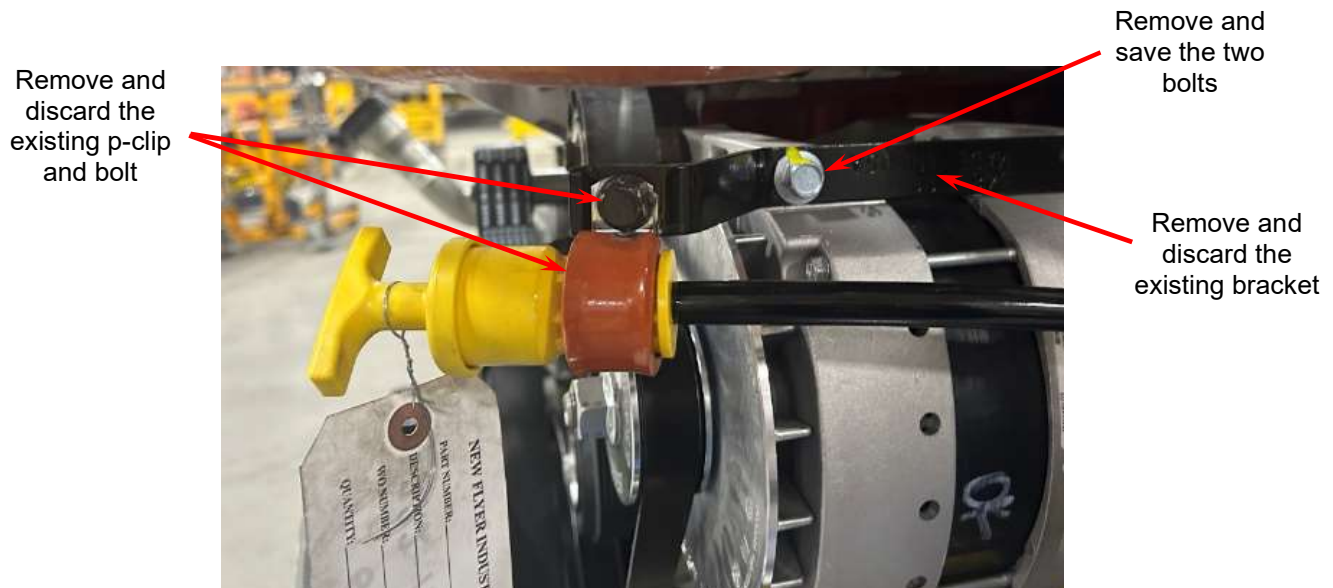


Figure 2: Existing Oil Tube Dipstick Support Bracket Removal

6. Apply loctite to the bolt threads removed in Step 5 and install new bracket p/n 1095415 in the same location and orientation as shown in Figure 3, torque bolts to 33-35 ft*lbs.
7. Secure the oil dipstick tube tied back in Step 4 to the newly installed bracket as shown in Figure 3 using clamp p/n 502245, cover plate p/n 068497 and bolt p/n 20B04036 (x2), apply loctite p/n 081034 to the bolt threads prior to installation.

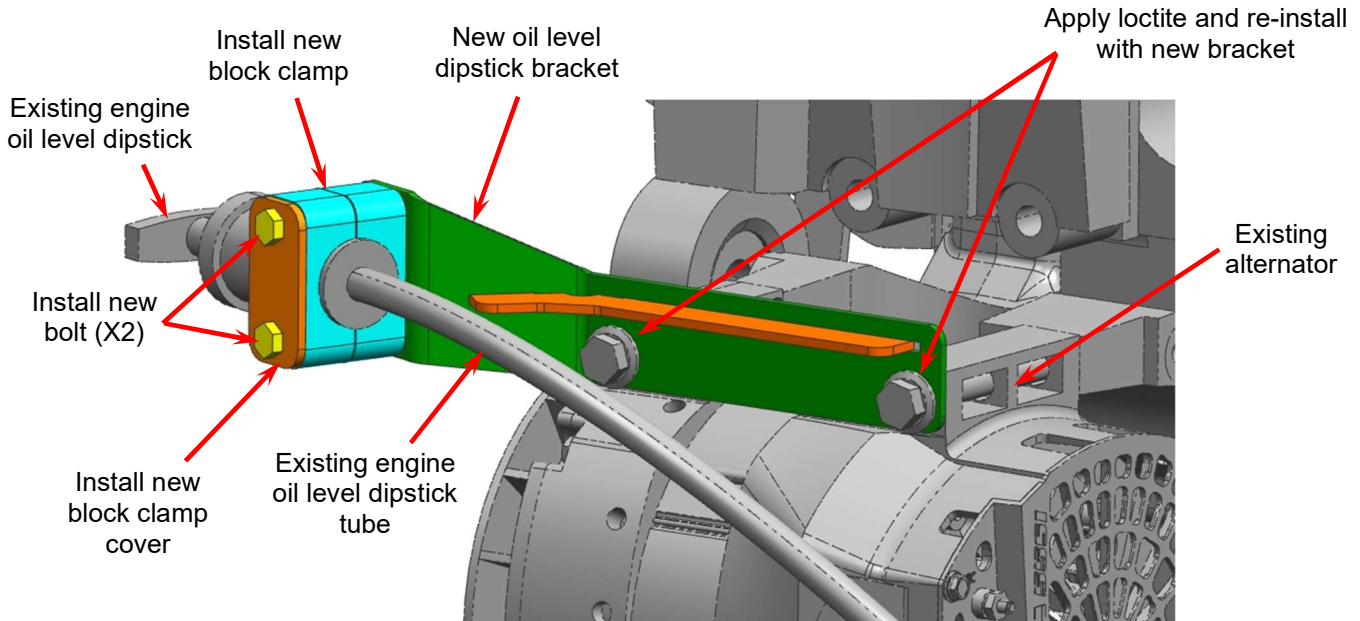


Figure 3: New Oil Tube Dipstick Support Bracket Installation

8. Remove all tools and debris from work area to return coach to service.
9. Turn the main battery disconnect switch to the "ON" position.

LABOUR ESTIMATE				
	Operation	Number of Technician(s)	Hours	Labor Time T X HR
1	Replace the Cummins supplied oil level dipstick support bracket with a NF designed version.	1	0.5	0.5

PARTS REQUIRED					
Item	Part Number	Description	Qty. per Coach	Units	Notes
1	20B04036	Bolt-Hex ¼-20 X 2.25 SST	2	EA	
2	068497	Plate-Clamp Cover GR 4	1	EA	
3	081034	Loctite-243 Medium 10 ml	0.01	EA	
4	502245	Clamp-1.125 OD Tube PA	1	EA	
5	1095444	Assembly-Oil Tube Clamp Bracket	1	EA	