



INSTRUCTION TO SERVICE

ITS: 6415

SECTION:	231 Cooling System
WRITTEN BY:	Mike Pearson
SUBJECT:	Replace CAC tube support bracket

ITS6415

THIS DOCUMENT AND THE CONTENTS DISCUSSED HEREIN ARE THE CONFIDENTIAL AND PROPRIETARY INFORMATION OF NEW FLYER INDUSTRIES CANADA ULC AND NEW FLYER OF AMERICA INC. AND ARE DISCLOSED BY NEW FLYER IN CONFIDENCE. THIS DOCUMENT AND THE CONTENTS HEREIN ARE NOT TO BE DISCLOSED BY THE INTENDED RECIPIENT WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF NEW FLYER. ANY UNAUTHOIZED DISCLOSURE, REPRODUCTION OR OTHER DISTRIBUTION OF THIS DOCUMENT OR INFORMATION IS STRICTLY PROHIBITED AND MAY RESULT IN ACTION BEING TAKEN AGAINST THE PARTY MAKING THE UNAUTHORIZED DISCLOSURE. THIS DOCUMENT AND ALL COPIES HEREOF MUST BE RETURNED TO NEW FLYER UPON REQUEST.

PROCEDURE:

1. Turn the main battery disconnect switch to the "OFF" position.
2. Open the interior and exterior engine access doors.
3. Working from the interior engine access door locate, remove and save the existing CAC tube support clamp, see Figure 1.
4. Remove and save the existing CAC tube support bracket mounting bolts (x2), discard existing CAC tube support bracket. See Figure 1.

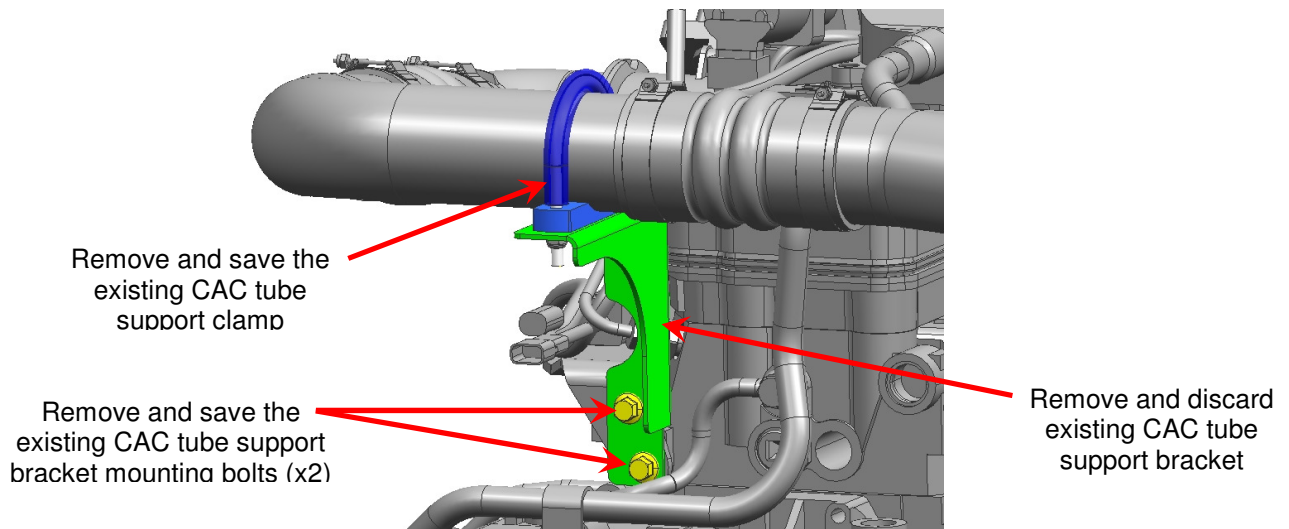


Figure 1: CAC Tube Support Tube Bracket and U-clamp

5. Using the existing bolts (x2) from Step 4 install the new bracket p/n 373217 Rev C in the same mounting holes and orientation as the original bracket, torque bolts to 32 ft*lbs. See Figure 2.

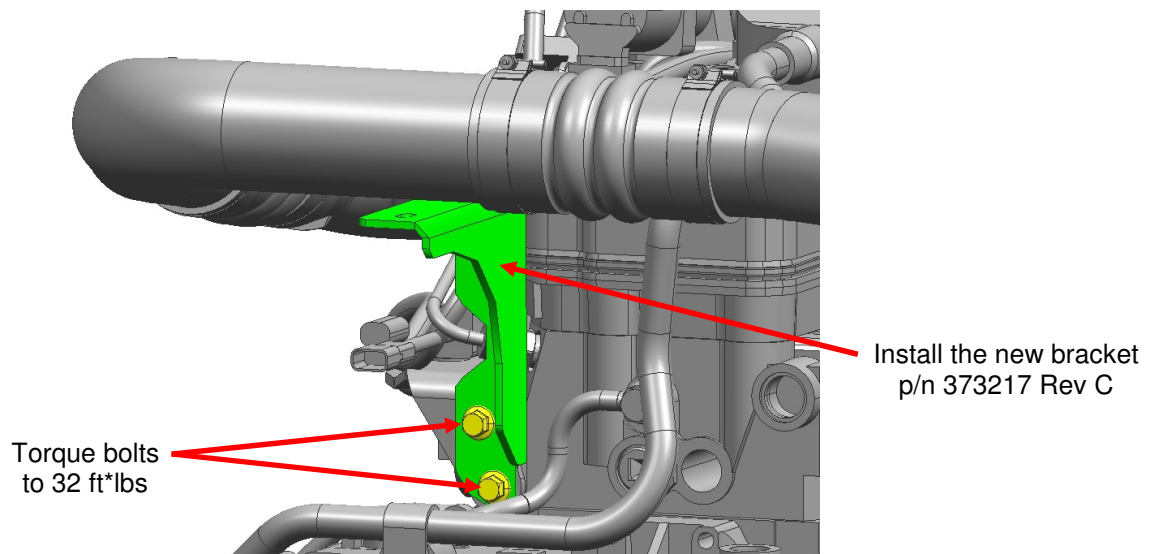


Figure 2: CAC Tube Support Tube Bracket Installation



NEW FLYER

6. Install existing U-bolt clamp from Step 4 as shown in Figure 3. When tightening the existing U-bolt clamp nuts the nuts are to be tightened alternately so the same amount of threads show on both clamp studs when installation is complete. See Figure 3 for correct clamp nut alignment (stud length has been exaggerated and clamp bracket appearance might vary).

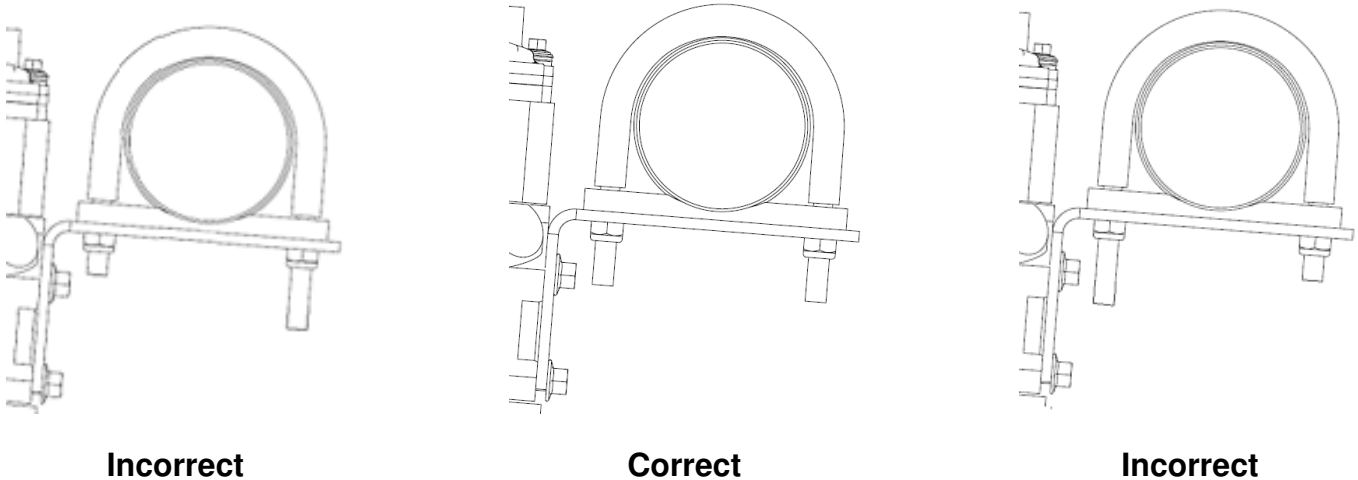


Figure 3: CAC Tube Support Clamp Installation

7. Remove all tools and debris and return the bus to service condition.
8. Close the interior and exterior engine access doors.
9. Turn the main battery disconnect switch to the "ON" position.



NEW FLYER

LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	Replace CAC tube support bracket	1	0.5	0.5

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	373217	Bracket-CAC Tube ISB	1	EA	Must be Rev C or higher