



INSTRUCTION TO SERVICE

ITS: 6337	
SECTION:	246 Air Brake & Levelling System.
WRITTEN BY:	Michael Rooney
SUBJECT:	Retrofit New Compressor Mounting Brackets.

ITS6337

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. Chock the wheels and drain the air from the air system.
3. Open the curbside access door behind the rear wheel to access the compressor unit.
4. Locate the fuel lines that run parallel to the compressor unit on the street side. Unbolt the clamp that secures the fuel lines to the bracket bolted to the rear air compressor cross member.

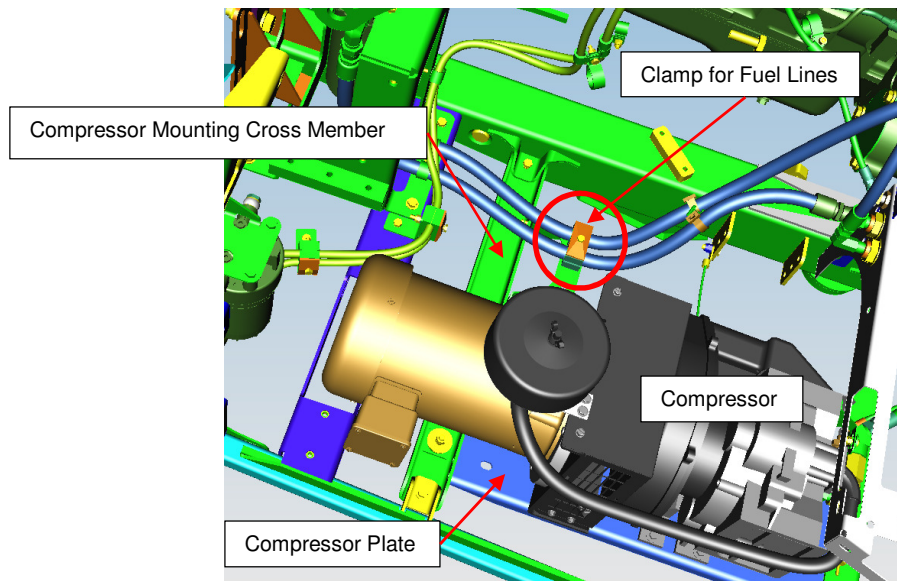


Figure 1: Fuel Line Clamp Location.

5. Place a floor jack or transmission jack under the compressor plate to support the weight of the compressor unit while the compressor mounting cross member is removed.
6. Remove the two bolts and rubber isolators that secure the compressor plate to the compressor mounting cross member and set the hardware and isolators aside for re-installation later.
7. Remove the bolts that attach the rear compressor mounting cross member to the chassis and remove the cross member.

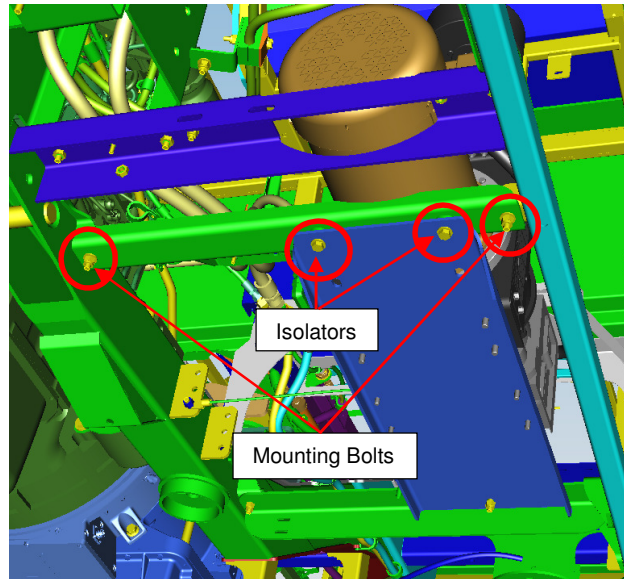


Figure 2: Cross Member & Compressor Mounting Bolts.

8. On the bench, transfer the bracket used to support the fuel lines from the old compressor mounting cross member removed earlier to the new compressor mounting cross member NF P/N 643855. Re-use the existing mounting hardware.
9. Install the new compressor mounting cross member in place of the original cross member, using the original hardware. Use never seize NF P/N 5928660 on the threads and torque to 22 FT LBS.
10. Re-install the two rubber isolators and hardware used to attach the compressor plate to the compressor mounting cross member. Torque the hardware to 30 FT LBS dry. Remove the jack used to support the compressor unit.
11. Reinstall the clamp used to secure the fuel lines to the bracket on the compressor mounting cross member.
12. Turn the main battery disconnect switch to the "ON" position.
13. Start the bus and allow the air system to pressurize.
14. Check for air leaks and fuel leaks around the compressor and repair as necessary.
15. Secure the curbside rear access door.
16. Remove all tools and debris and return the bus to service condition.



NEW FLYER

LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	Retrofit New Compressor Mounting Brackets.	1	1.0	1.0

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	643855	ASSY-AIRCPRSR BRKT WELDED	1	EA	
2	5928660	NEVER SEIZE	.01	EA	

SPECIAL TOOLS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1		NO SPECIAL TOOLS REQUIRED			