



INSTRUCTION TO SERVICE

ITS: 6329	
SECTION:	246 Air, Brake & Levelling System.
WRITTEN BY:	Michael Rooney
SUBJECT:	Replace Air Compressor Mounting Bracket.

ITS6329

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PROCEDURE:

1. Turn the main battery disconnect switch to the “OFF” position.
2. Drain the air from the air system using the procedure in the Service Manual.
3. Open the street side access door behind the rear wheel of the bus and locate the air compressor.
4. Locate the bracket towards the front of the bus that supports the air compressor and remove the two clamps that hold the air tubes at each end of the bracket. Set the clamps and mounting hardware aside, they will be reinstalled later.
5. Disconnect the air line that passes through the tab on the forward air compressor support bracket. Set the hardware aside, it will be re-installed later.

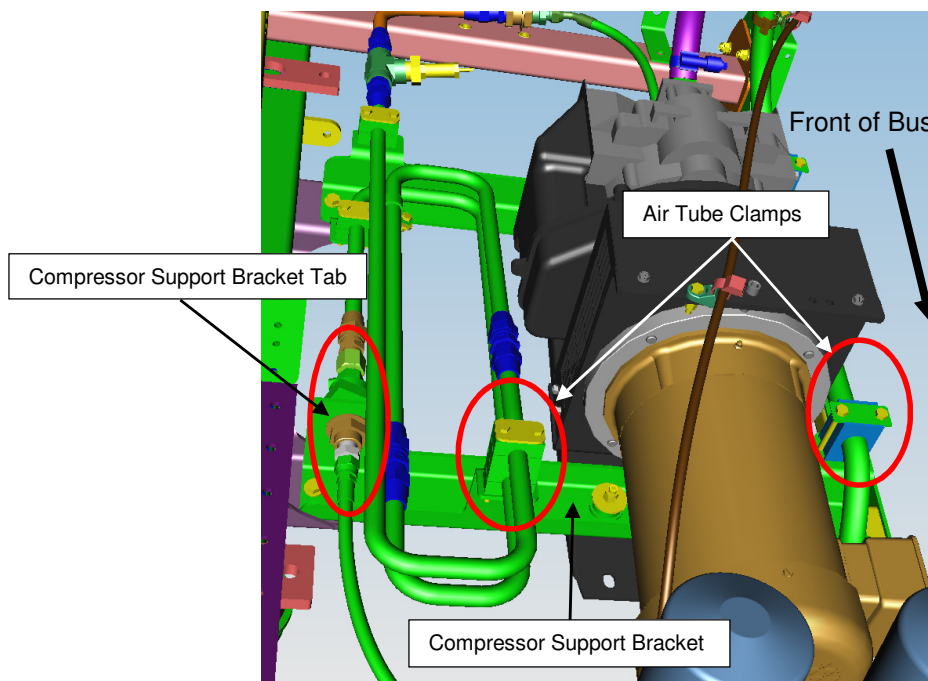


Figure 1: Air Tube Clamps & Supports

6. Place a floor jack or jack stand under the forward end of the plate to which the compressor is mounted in order to support the weight of the compressor unit while the support bracket is being replaced.
7. Unbolt and remove the two rubber isolators used to secure the compressor plate to the cross member. Dispose of the isolator parts, they will be replaced.
8. Remove the bolts that secure the cross member to the bus chassis and remove the cross member from the bus. Figure 2.
9. Position the new bracket NF P/N 636480 in place of the bracket previously removed. Apply Never Seize NF P/N 5928660 to the original hardware and reinstall. Torque the mounting bolts to 22 FT-LBS.



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10. Install new rubber isolators NF P/N 215913 using the existing bolts then torque the bolts to 30 FT-LBS.
Remove the floor jack or jack stands used to support the compressor unit during the bracket replacement.
11. Place a floor jack or jack stand under the rearward end of the plate to which the compressor is mounted in order to support the weight of the compressor.
12. Remove the rubber isolator and discard, then install a new rubber isolator NF P/N 215913 using the existing bolt then torque the bolt to 30 FT-LBS. Remove the floor jack or jack stands used to support the compressor unit.

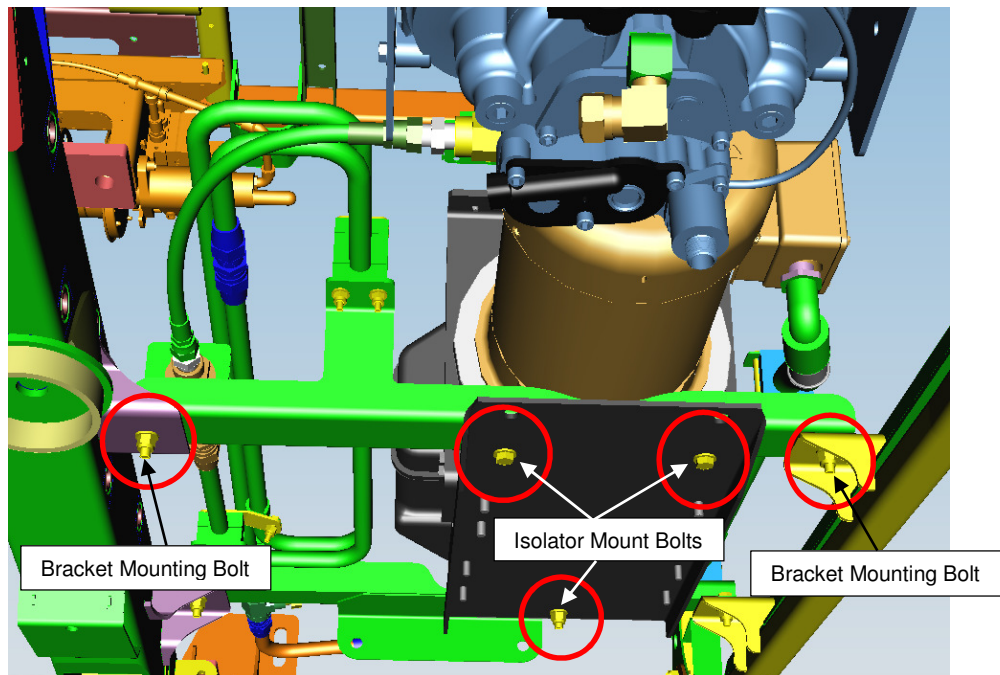


Figure 2: Bracket Mounting Hardware Locations.

13. Reinstall the hardware used to secure the air tubes at both ends of the compressor mounting bracket.
14. Reinstall the air tube that passes through the tab on the compressor mounting bracket using thread sealant NF P/N 8110442 on fitting threads. Torque fitting to finger tight plus two full turns.
15. Turn the main battery disconnect switch to the "ON" position.
16. Start the bus and allow the air system to pressurize.
17. Check the air tube that was disconnected for air leaks and repair as necessary.
18. Remove all tools and debris and return the bus to service condition.

LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	Replace Air Compressor Mounting Bracket.	1	1.0	1.0

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	636480	ASSY-AIRCPRSR BRKT WELDED	1	EA	
2	5928660	NEVER SEIZE	0.001	EA	
3	8110442	LOCTITE 567-THREAD SEALANT	0.01	EA	
4	215913	ISOLATER-HYBRID DPIM	3	EA	

SPECIAL TOOLS REQUIRED

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