



INSTRUCTION TO SERVICE

ITS: 58450

SECTION:	246 AIR, BRAKE & LEVELLING SYSTEM.
WRITTEN BY:	Michael Rooney
SUBJECT:	Update compressor motor junction box wiring, lid and gasket.

ITS58450

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PROCEDURE:

1. Open the access door at the curbside rear of the bus and locate the High Voltage Interlock Switch and Battery Disconnect switches. Figure 1.
2. Disconnect and lock out the High Voltage Interlock Switch. Figure 1.
3. Rotate the Battery Disconnect Switch to the off position. Figure 1.

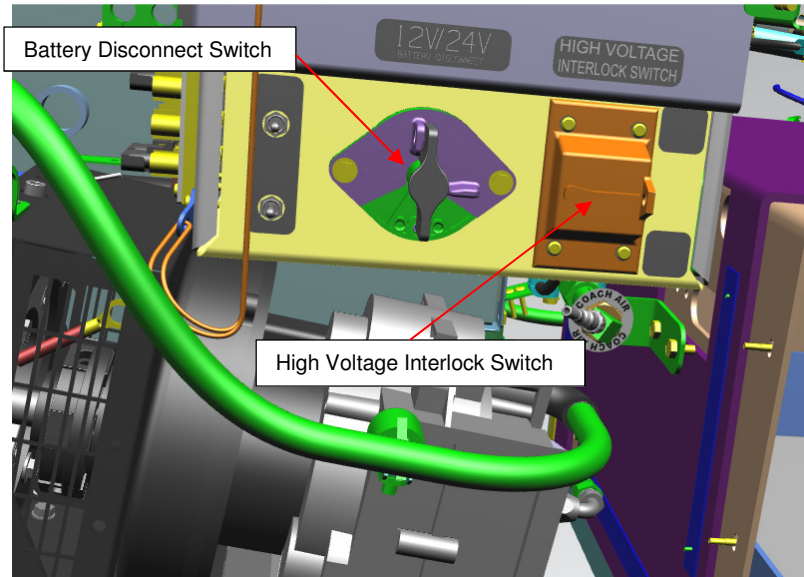


Figure 1: Electrical Disconnect Switches.

4. Locate the junction box which is attached to the side of the air compressor electric drive motor. Figure 2.

⚠ WARNING: The high voltage junction box contains potentially lethal voltages. Ensure all power is removed before opening the junction box.



Figure 2: Air Compressor Motor Junction Box Location.

5. Remove the four screws from the junction box and remove the junction box cover. Set the screws aside for reuse, discard the lid and gasket.
6. Install the new flanged junction box lid NF P/N 761251 and gasket NF P/N 761253 using the original hardware set aside earlier.
7. Remove the lock and reconnect the High Voltage Interlock Switch. Figure 1.
8. Rotate the Battery Disconnect switch to the on position. Figure 1.
9. Close and secure the curbside access door.
10. 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	Update compressor motor junction box wiring, lid and gasket.	1	0.50	0.50

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	761253	GSKT-AIR CPRSR JUNCTION BOX	1	EA	
2	761251	LID-AIR CPRSR JUNCTION BOX	1	EA	

SPECIAL TOOLS REQUIRED

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