



INSTRUCTION TO SERVICE

ITS: 6254

SECTION:	260 Battery Compartment
WRITTEN BY:	Alan Mark
SUBJECT:	Reconfigure Voltage Sense Connection

ITS6254

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PROCEDURE:

1. Turn the main battery disconnect switch to the “OFF” position.
2. If necessary, raise coach in accordance with the New Flyer Service Manual.

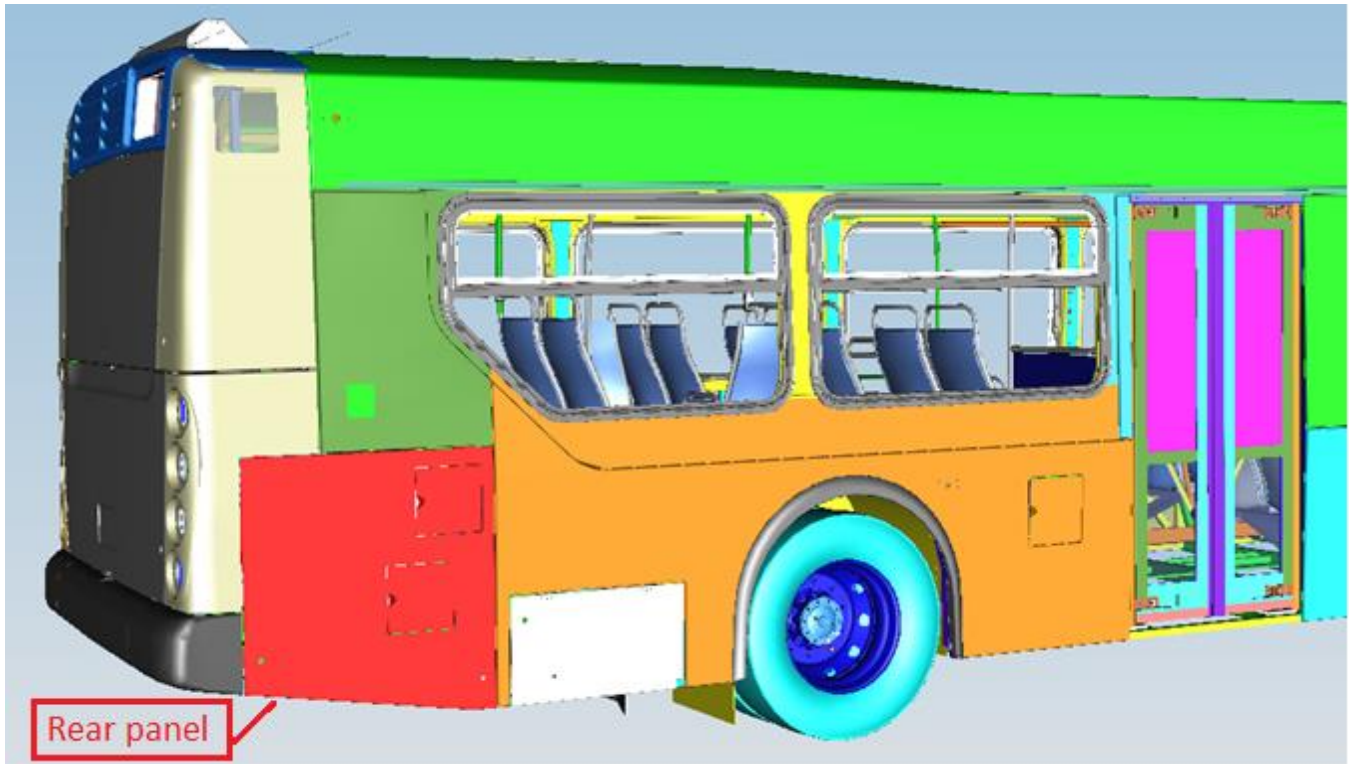


Figure 1: Fuse box location

3. Locate the fuse box by gaining access through the rear panel access door on the curbside of the bus as seen in Figure 1 above.
4. Seen in Figure 2 below is the left side interior view of the fuse box. Locate the harness “XBAT24A” and the wire labelled “14PS32GA” which connects from the fuse “F50PS”.
5. Disconnect the wire from cavity “A” on the harness “XBAT24A” tower. Figure 3 and Figure 4 below displays the wiring diagram.
6. Remove the male terminal and strip the wire to allow the wire to be terminated with a socket (P/N: 102879).
7. Connect the wire “14PS32GA” to the new socket location in cavity “B” of the shroud for harness “XBAT23” as shown in Figure 3 and Figure 4 below.
8. Remove all tools and debris and return the bus to service condition.
9. Turn the main battery disconnect switch to the “ON” position.

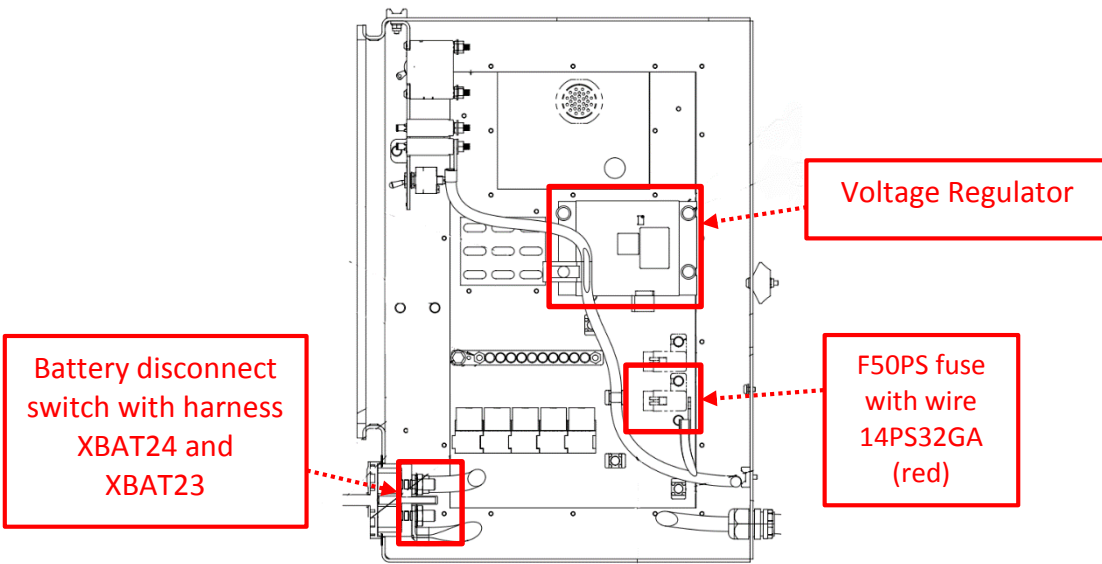


Figure 2: Fuse box left side interior diagram

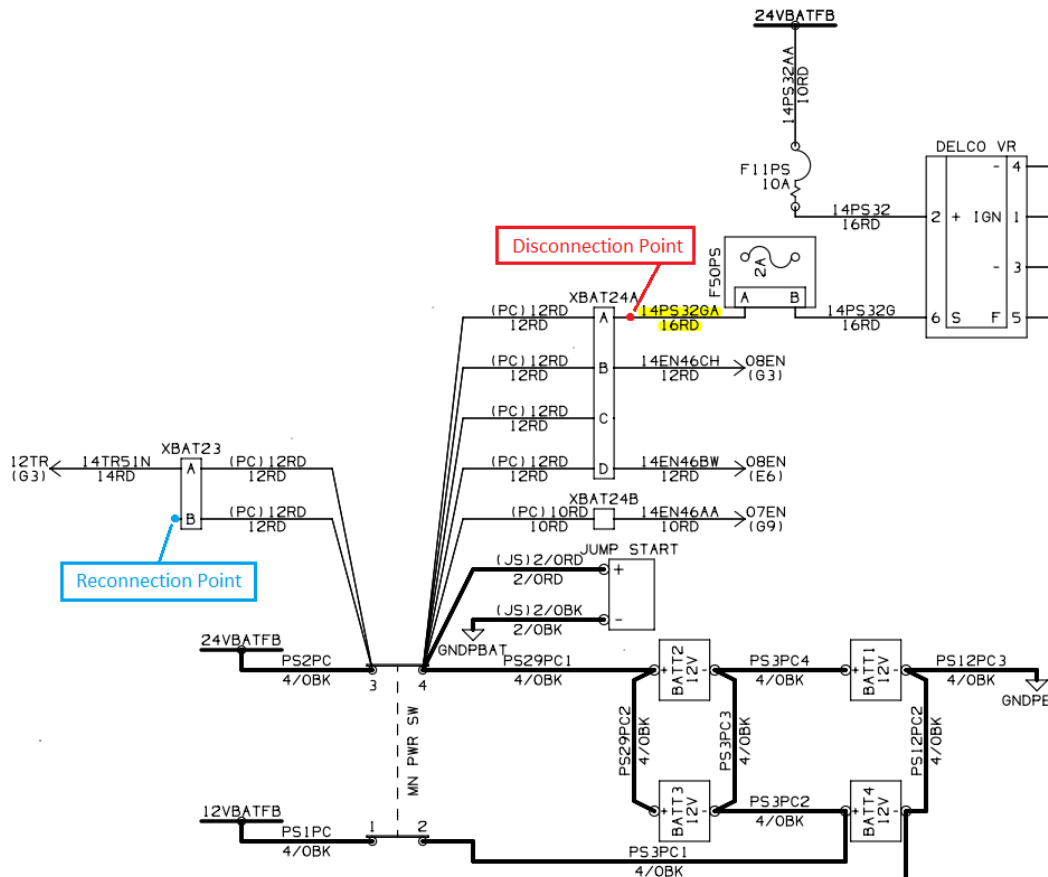


Figure 3: Wiring diagram

FRONT VIEW
FROM INSIDE

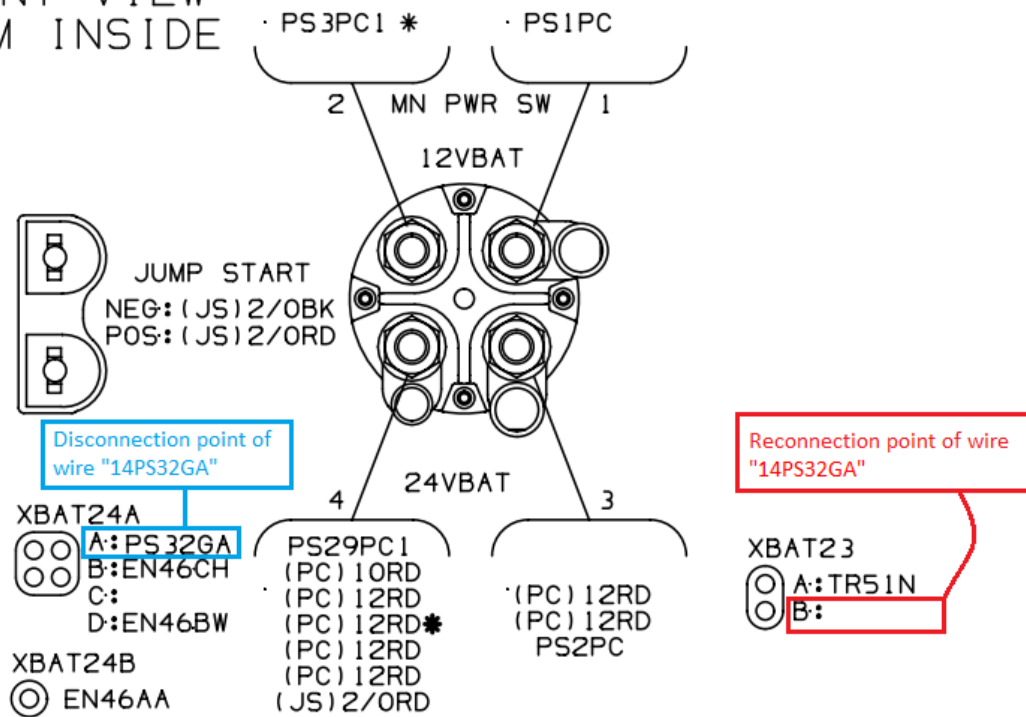


Figure 4: Reconnection point



LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	Rewire from XBAT24A to XBAT23	1	0.50	0.5

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	102879	SOCKET-16-14GA W/PACK	1	EA	