



INSTRUCTION TO SERVICE

ITS: 6368

SECTION:	260 Battery Compartment
WRITTEN BY:	Alan Mark
SUBJECT:	Rewire voltage regulator power

ITS6368

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PURPOSE:

To rewire the voltage regulator power from the battery side to the load side of the battery disconnect switch to prevent equipment from being damaged if a severe load dump occurs.

PROCEDURE:

1. Turn the main battery disconnect switch to the “OFF” position.

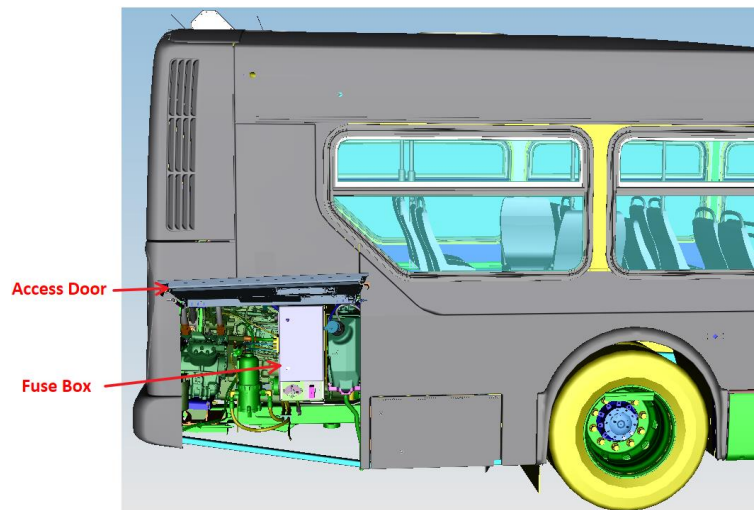


Figure 1: Fuse Box Location

2. Gain access to the fuse box through the access door as shown in Figure 1.

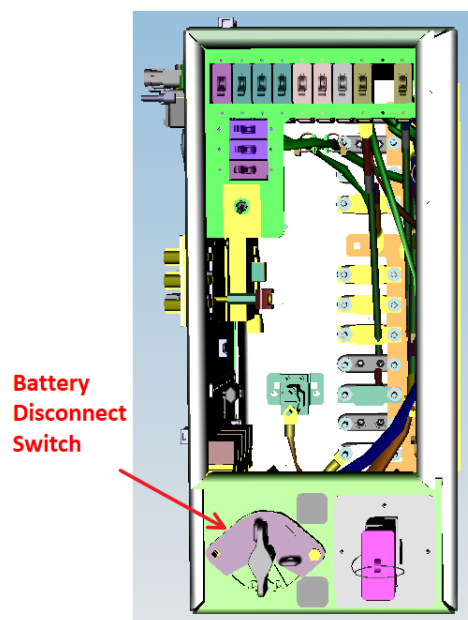


Figure 2: Battery disconnect switch

3. Locate the battery disconnect switch shown in Figure 2.
4. On the interior of the fuse box, locate connector XBAT24 which is wired to the battery disconnect switch.
5. Disconnect the wire labelled “14PS32GA” from cavity A of the XBAT24A connector shear. Figure 3 displays the wiring diagram.

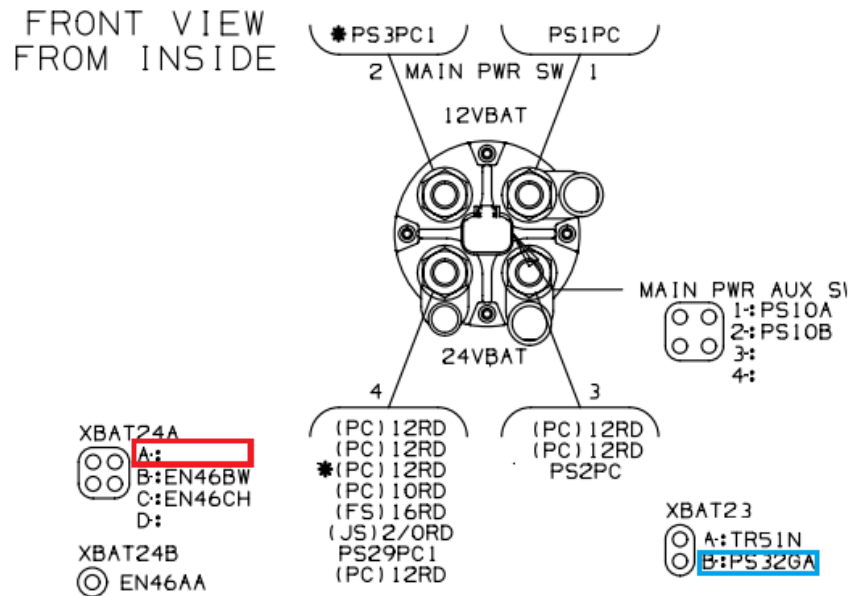


Figure 3: Main battery disconnect switch

6. Cut off the existing terminal and terminate the wire with a socket (PN: 102879).
7. Locate the connector XBAT23.
8. Insert the newly terminated wire into cavity B of the XBAT23 tower.
9. Remove all tools and debris and return the bus to service condition.
10. Turn the main battery disconnect switch to the “ON” position.



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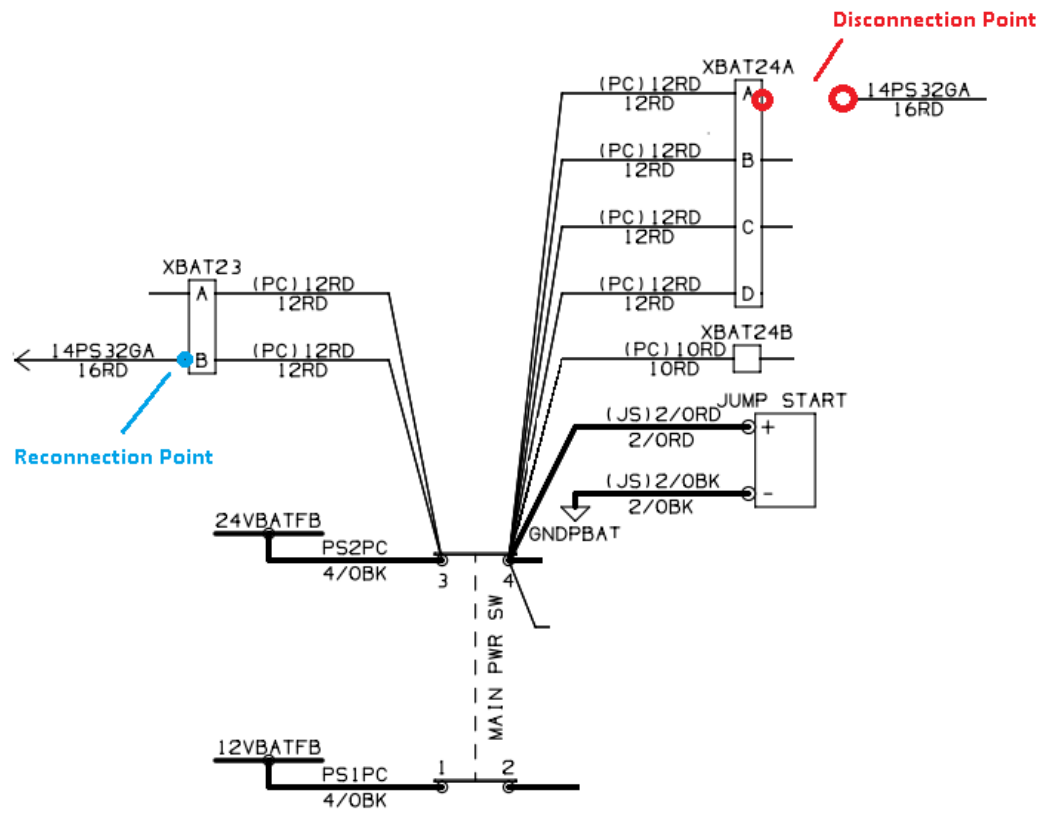


Figure 4: Electrical schematic

LABOUR ESTIMATE

	Operation	Men	Hours	Labour Time M X HR
1	Rewire voltage regulator power	1	0.25	0.25

PARTS REQUIRED

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