



INSTRUCTION TO SERVICE

ITS: 60372		DATE JAN 25, 2022
SECTION:	284-ELECTRICAL PANELS	
WRITTEN BY:	Joe Nordlie	
SUBJECT:	Replace 20A breaker for Valeo pump with 25A breaker	
ISSUE:	Design error caused an undersized circuit breaker to be used.	
SUMMARY:	Replace the existing 20A breaker with the properly sized 25A breaker.	

ITS60372

THIS ITS DOCUMENT SHOULD BE RETAINED AND REFERRED TO FOR FUTURE MAINTENANCE UNTIL THE NEW FLYER PARTS AND/OR SERVICE MANUAL IS UPDATED TO REFLECT WORK DONE AS A RESULT OF THIS DOCUMENT. ENSURE THAT THIS DOCUMENT IS AVAILABLE FOR PARTS AND MAINTENANCE STAFF GOING FORWARD.

PROCEDURE:

1. Set park brake and chock wheels.
2. Turn the main battery disconnect switch to the "OFF" position.
3. Gain access to the LV fusebox on the curbside of the bus.
4. Locate and remove 20A fuse "EP12A" on the right wall on the inside of the fusebox. See Figure 1 below.
5. Insert the provided 25A fuse (PN: 020144) in where the old fuse was previously located.
6. Remove the old fusebox wiring diagram decal on the outside of the fusebox.
7. Using provided adhesive (PN:170962), install the new decal provided and called out in BOM.
8. Remove all tools and debris and return the bus to service condition.
9. Turn the main battery disconnect switch to the "ON" position.

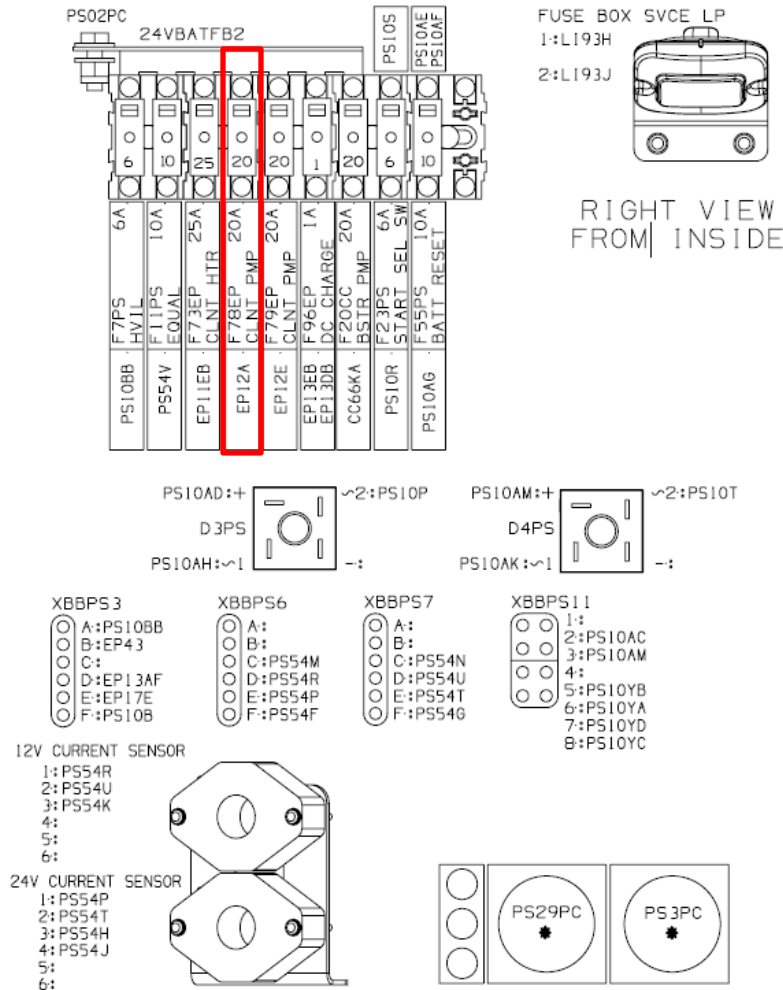


Figure 1: Location of Fuse EP12A

LABOUR ESTIMATE

	Operation	Number of Technician(s)	Hours	Labor Time T X HR
1	Replace 20A breaker with 25A breaker	1	0.5	0.5

PARTS REQUIRED

Item	Part Number	Description	Qty. per Coach	Units	Notes
1	020144	BREAKER 25A ETA MAN	1	EA	
2	170962	ADHESIVE-SPRAY 77	0.05	EA	