



# INSTRUCTION TO SERVICE

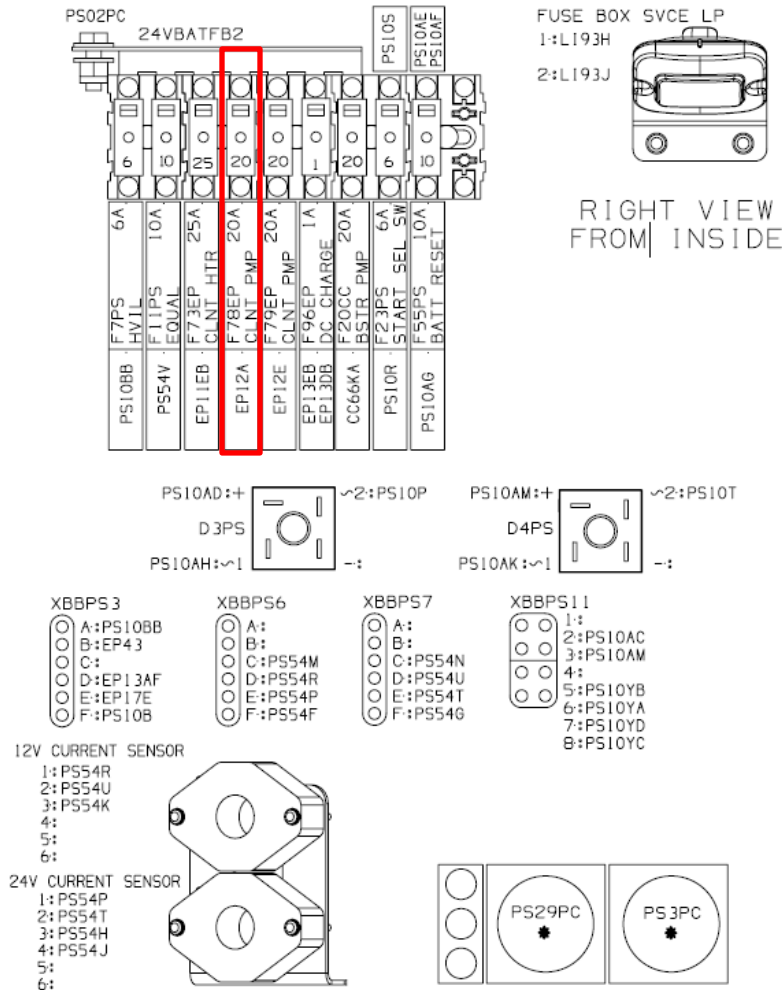
| ITS: 60373         |   | DATE JAN 25, 2022 |
|--------------------|---|-------------------|
| <b>SECTION:</b>    | 284-ELECTRICAL PANELS   |                   |
| <b>WRITTEN BY:</b> | Joe Nordlie   |                   |
| <b>SUBJECT:</b>    | Replace 20A breaker for Valeo pump with 25A breaker                   |                   |
| <b>ISSUE:</b>      | Design error caused an undersized circuit breaker to be used.         |                   |
| <b>SUMMARY:</b>    | Replace the existing 20A breaker with the properly sized 25A breaker. |                   |

# ITS60373

**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: 766614) 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**



| <b>LABOUR ESTIMATE</b> |                                      |                         |       |                   |
|------------------------|--------------------------------------|-------------------------|-------|-------------------|
|                        | Operation                            | Number of Technician(s) | Hours | Labor Time T X HR |
| 1                      | Replace 20A breaker with 25A breaker | 1                       | 0.5   | 0.5               |

| <b>PARTS REQUIRED</b> |             |                     |                |       |       |
|-----------------------|-------------|---------------------|----------------|-------|-------|
| Item                  | Part Number | Description         | Qty. per Coach | Units | Notes |
| 1                     | 766614      | BREAKER 25A ETA MAN | 1              | EA    |       |
| 2                     | 170962      | ADHESIVE-SPRAY 77   | 0.05           | EA    |       |