

Subject: FL832 Preliminary Repair

**Models Affected: Thomas Built Buses C2, HDX,
EFX, Minotour**

Build Dates: August 8, 2014- August 15, 2019

Tools Required:

- Safety gloves
- Safety glasses
- Staple remover
- Electric/Pneumatic staple gun with heavy duty 3/8" staples

Work Instructions

1. Install wheel chocks.
2. Turn key off and place in pocket.
3. Wear safety glasses and gloves.
4. Remove the bottom seat cushion from seat and set aside for reuse.
- 5.
6. Using the staple remover, remove staples from the first 3" of the right and left sides of seat

Figure 1

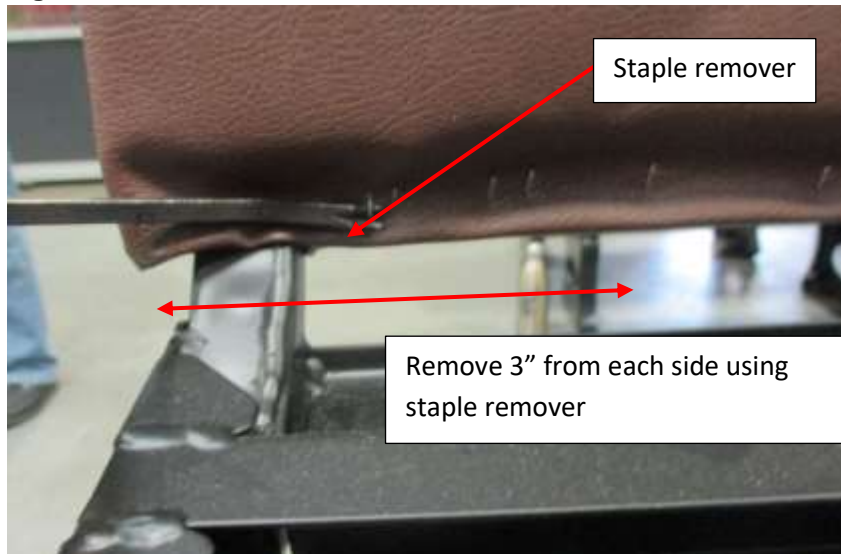


Figure 1: Removal of Vinyl Seat cover

7. Pull the remaining vinyl out by hand to reveal backside layer of stapled vinyl.

8. Remove the staples from the backside of vinyl. Access this from the front of the seat using staple removal tool. **Figure 2**



Figure 2: Removal the staples from the back side of the vinyl

9. Using pliers, bend all staples over as shown in **Figure 3** or total staple removal



Figure 3: Staples bent over wood piece using pliers

10. Pull vinyl cover and seat cushion up on the front of the seat **Figure 4**

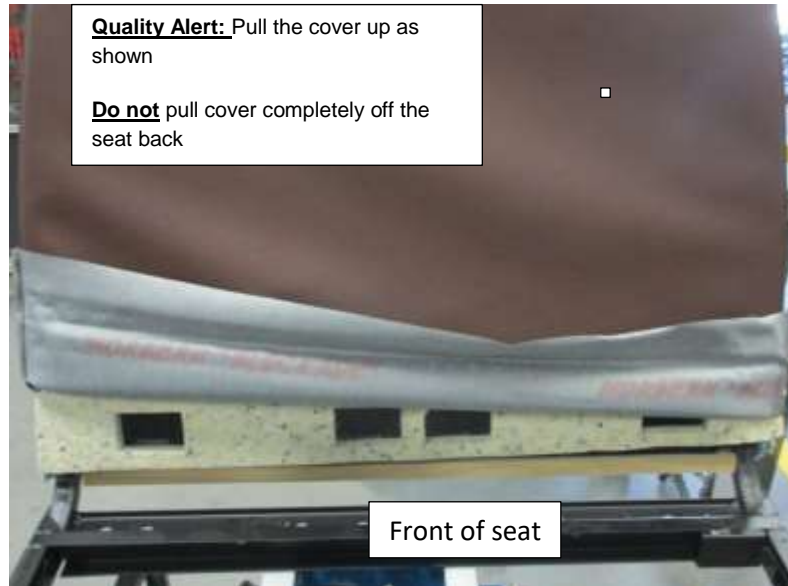


Figure 4: Pulling foam cushion and vinyl cover up (Front of seat)

11. Pull cover up as shown on the back side of seat **Figure 5**



Figure 5 : Pull up the cover (back of seat)

12. Insert field fix part between the vinyl and foam as shown in **Figure 6**



Figure 6: Positioning the Repair part in place

13. Note that the shorter leg of the field fix part goes on the side of the seat while the wider leg goes on the back. **Figure 7**



Figure 7: Seat shown with repair part being inserted

14. Make sure that the repair part does not slide past the chamfer near the bottom (2 inches from bottom of foam). **See Figures 9 & 10.**

15. View of part slid up between vinyl and foam.

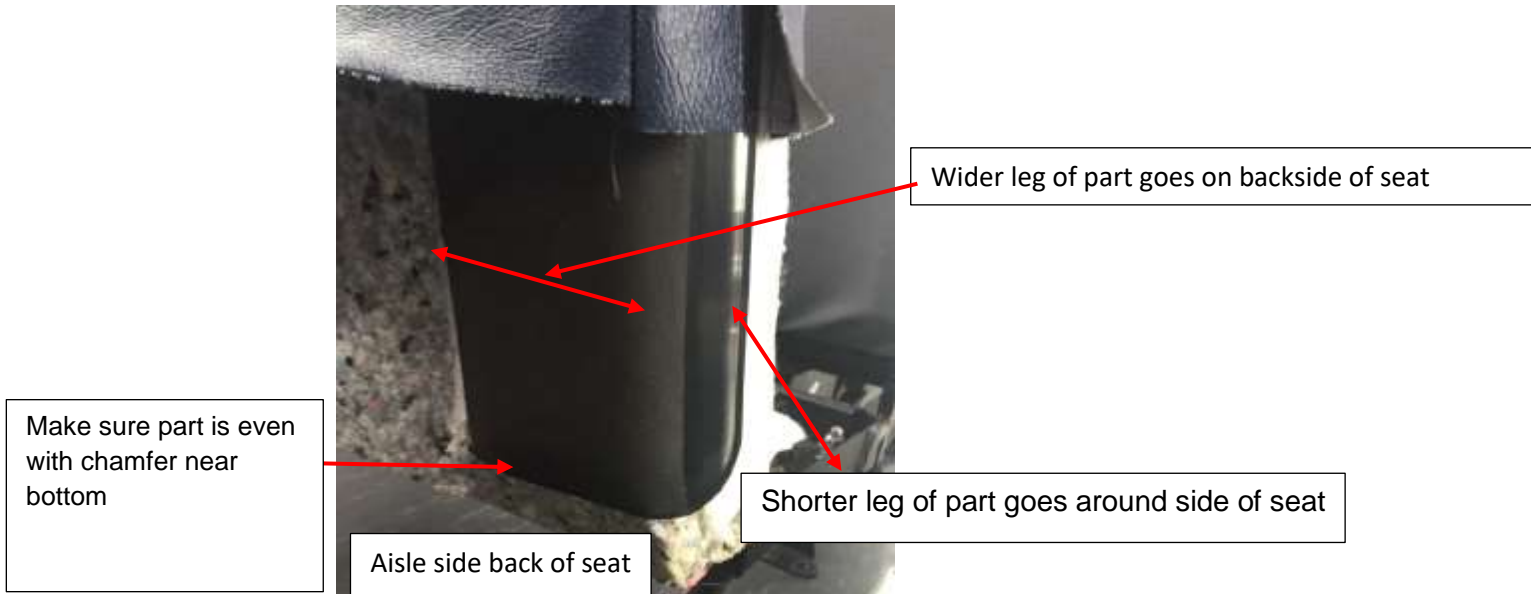


Figure 8: Reference picture of repair part being installed

16. **QUALITY ALERT** once the left and right side field fix has been inserted between Vinyl and foam, Make sure the top edge of foam has not folded over. Flatten top edge of the foam by hand if required. Then, pull the vinyl down over the repair on both sides evenly: **DO NOT** pull down by pulling one side down then the other. Pull down side to side evenly. Make sure the bottom of the field fix has remained at the foam chamfer (Approximately 2" from bottom of foam on each seat) IF the field fix shifted, then re-adjust as necessary by sliding field fix up or down to maintain the 2" location as shown in drawing view. **Figure 9**

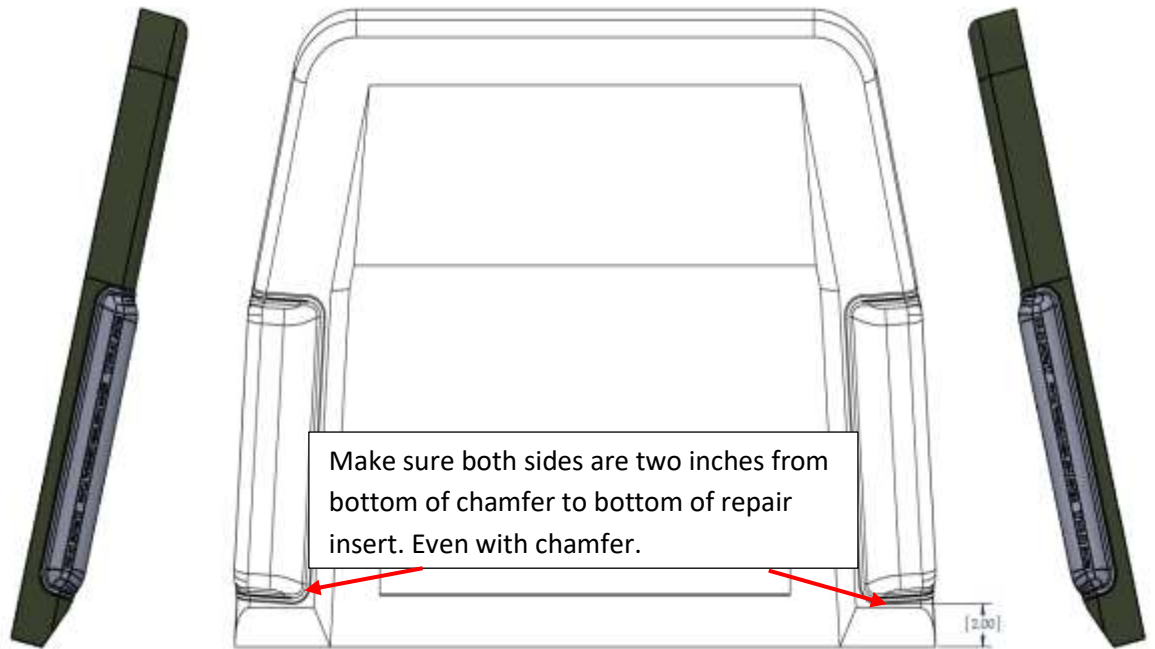


Figure 9: Alignment with seat foam



Figure 10: Vinyl shown pulled all the way down (Back of seat)

17. Tuck and fold front and back corners of seat around rear seat leg **Figure 11**.

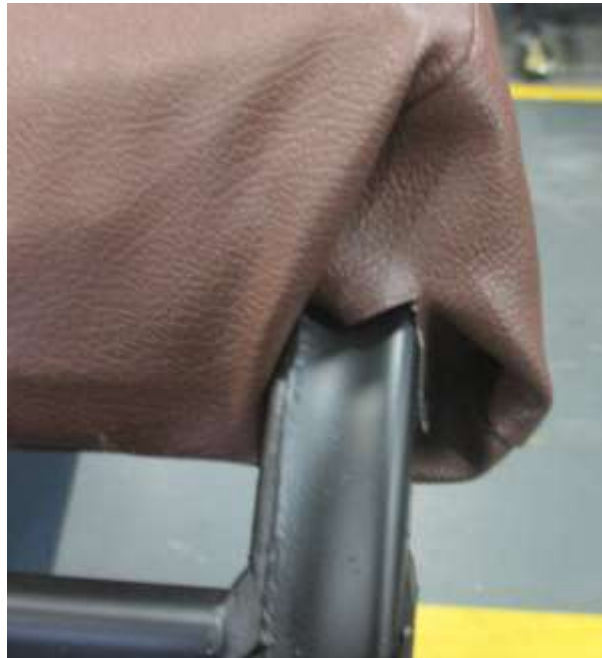


Figure 11: REF completed folding after folding and stapling in place

18. Pull vinyl back under the seat (As it was before) and pull tight. Staple the vinyl to the wood stick as shown in **Figure 12**



Figure 12: Staple vinyl from back to wooden stick all the way across

19. Pull the vinyl down on the front of the seat. Make sure it is straight and all wrinkles pulled out.
20. Fold vinyl underneath itself to “double up” to the crease from the original vinyl installation.

Figure 13



Figure 13: Showing how the Vinyl will look when folded and stapled

21. Staple the front vinyl to the wooden stick, making no restraint features obstructed by the vinyl or staples.
22. Reinstall bottom seat cushion.