# REPLACING THE DUAL MOTOR LIFT FRAME ON PRIDE LIFT CHAIRS FRMASMB7143 — DUAL MOTOR FRAME ASSEMBLY

**Contents:**

| REF# | QTY | PART # | DESCRIPTION |
|---|---|---|---|
| A1 | 1 | FRMASMB7143 | FRAME,ASSY,LIFT,DUAL MOTOR, HEAVYWEIGHT |

If you require any assistance with these instructions, please call **Pride Technical Service** at **1-877-800-1248**. **Canada providers**, phone **1-888-570-1113**.

**Tools needed:**

- Hammer
- Pliers
- Phillips Head Screwdriver
- #25 Torx Driver

**Removal instructions:**

1. Make sure the lift chair is in the seated position. Unplug the lift chair from the standard electrical outlet.
2. Turn the lift chair upside down. Use a table or other stable item to support the lift chair. See figure 1.
3. Remove the cotter pins and clevis pins from the motors. See figure 2.
4. Unplug the motor wires from the control box. See figure 3.
5. Remove the motors from the lift frame. See figure 2.
6. Disconnect all electronic connections from the lift frame. Cut tie wraps if needed.
7. Remove the eight (8) screws that attach the frame to the bottom arm rails. Each corner of the frame has a machine bolt and a wood screw. The machine bolts are held by a "T-nut" system. See figure 4.
8. Remove the eight (8) wood screws (four [4] on each side) that attach the side brackets to the wood rails on the seat. See figure 5.
9. Lift the frame out of the lift chair.

**Installation instructions:**

1. Install the adhesive frame spacers onto the replacement lift frame. See figure 4. Frame spacers help to eliminate mechanical noise in the lift chair.
2. Reinstall the lift frame.
3. Align the holes in the lifting frame with the holes in the bottom wood rails. When lining up the frame, the front-most section should be approximately 1 inch (2.5 cm) from the front corners of the lift chair.
4. Install the four (4) machine bolts and four (4) wood screws that hold the lifting frame to the wood rails on the bottom of the lift chair. See figure 4.
5. Reattach the motors (rear first) into the lift frame with the clevis pins and cotter pins. See figure 2.
6. Connect the control box to the external transformer, then connect the motors and the hand control to the control box. Run the stroke tubes of the motors out to the lift/recline brackets and attach the motors to the brackets. Run the motors to bring the back of the frame up approximately 2 inches (5.1 cm). Lower the motors until the frame touches the wood on the arms.
7. Maintain a gap of 3/16 inch (.48 cm) to ¼ inch (.64 cm) between the lift/recline bracket and the lift frame. This will allow the footrest to close properly. See figure 6.
8. Keep the T-bracket level when positioning each side bracket. See figure 5.
9. Reattach the eight (8) wood screws for the side brackets onto the wood seat rails. There are four (4) screws on each side of the lift chair. See figure 5.
10. Use wire ties as needed to fasten the hand control, control box, and power wiring to the frame.
11. Test and verify that the footrest closes properly.
12. If the footrest does not close properly, remove the screws and move the footrest slightly up or down to adjust.

The lift chair is now ready for use.

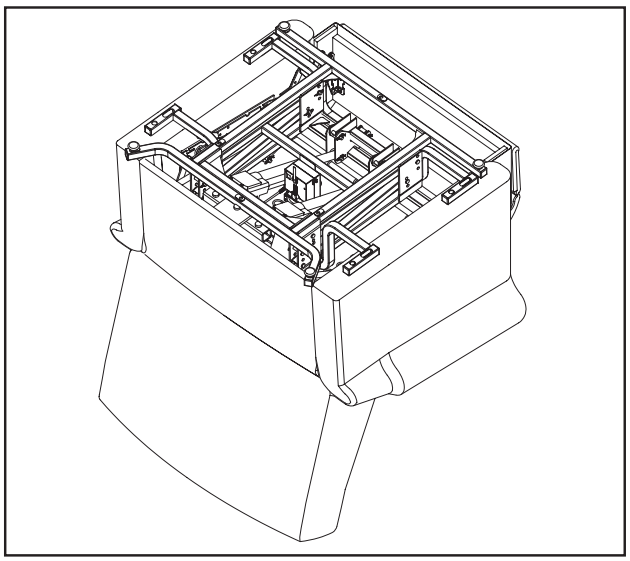

**Figure 1. Upside Down View**

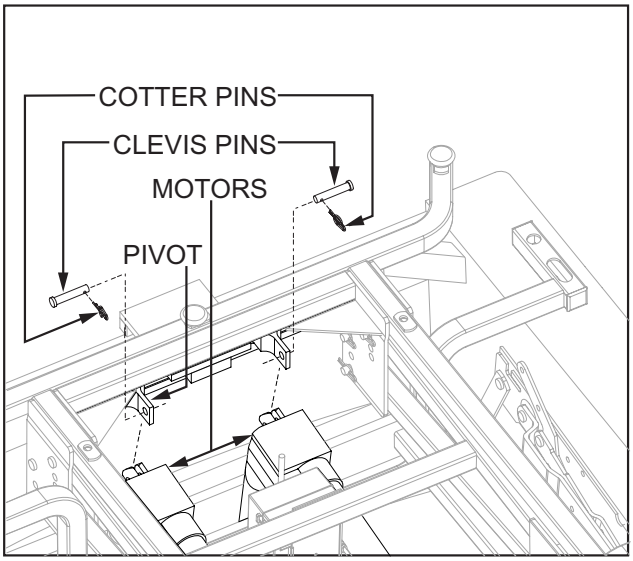


**Figure 2. Clevis and Cotter Pin Removal**

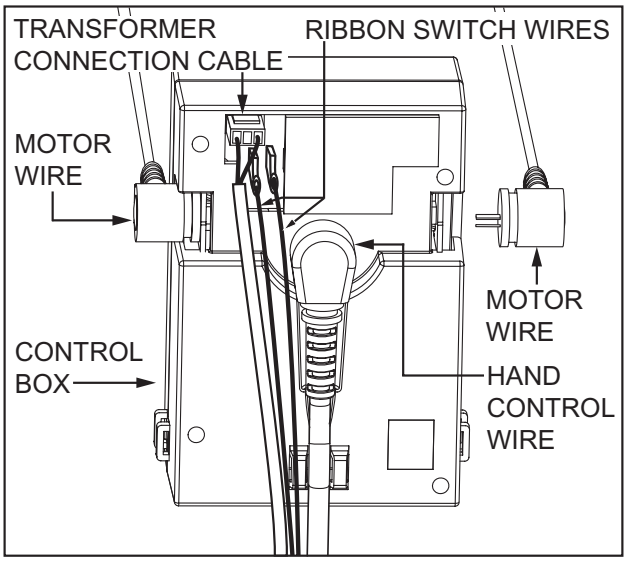


**Figure 3. Control Box Wiring**

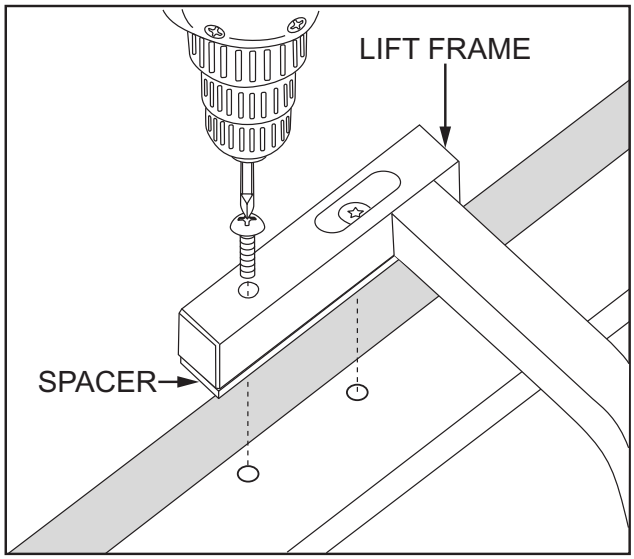


**Figure 4. Frame/Bottom Arm Rails**

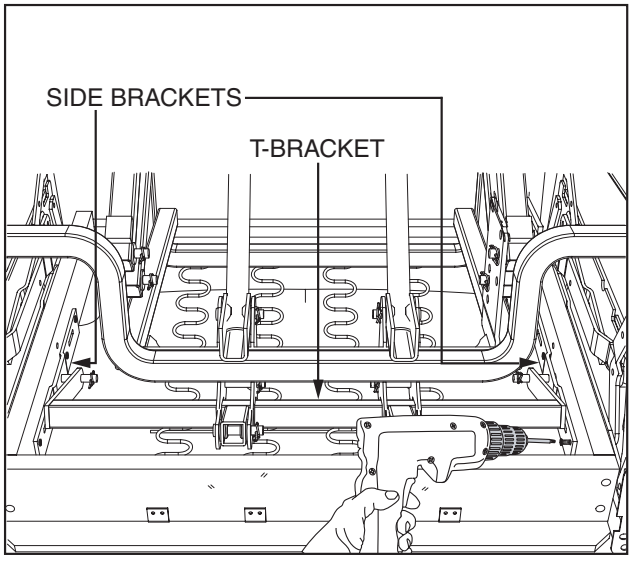


**Figure 5. Side Bracket/T-Bracket**

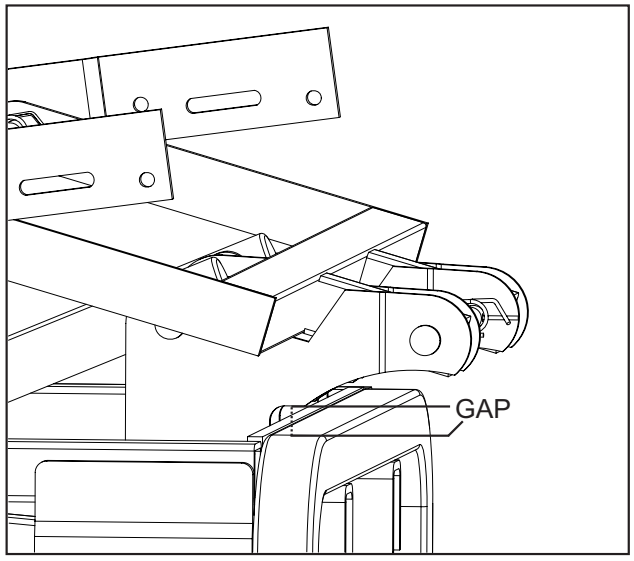


**Figure 6. Gap Between Bracket and Lift Frame**