

## Procedure 7.21 - Replacing a Lift Motor

1. Remove the left rear cover and disconnect the red battery lead from terminal M6 of the lower PCA.
2. Remove both front covers. Carefully, extract the lift motor cable from the frame access hole and disconnect the lift motor cable from the lift intermediate cable.
3. Remove the four screws that fasten the lift motor yoke into the ramp.
4. Carefully, slide the lift motor yoke out of the ramp and lower the ramp until it is resting on the frame.
5. Remove the nut, washer and bolt that fasten the lower end of the lift motor to the frame and remove the lift motor assembly from the EFX.
6. Remove the nut and bolt from the end of the lift motor drive screw. Thread the lift motor yoke assembly off of the lift motor drive screw. See Diagram 5.4.
7. Thread the lift yoke assembly, removed in step 6, onto the replacement lift motor's drive screw.
8. Install the nut and bolt, removed in step 6, into the end of the replacement lift motor's drive screw.
9. Mount the lift motor to the EFX frame with the nut, washer and bolt removed in step 5.
10. Calibrate the lift motor per Procedure 5.3.
11. Replace both front covers.
12. Reconnect the red battery lead to terminal M6 of the lower PCA. Replace the rear cover.
13. Check the operation of the EFX as described in Section Four.