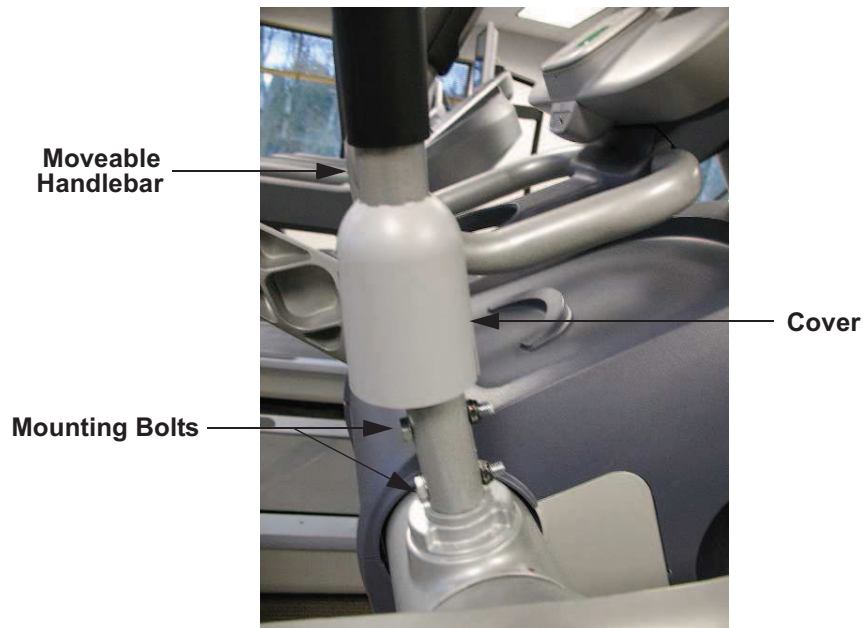


Procedure 7.15 - Front Arm Replacement

1. Slide the cover up on the moveable handlebar, remove the two bolts that fasten the moveable handlebar to front arm. Remove the moveable handlebar from the front arm. See Diagram 7.32.

Diagram 7.32 - Moveable Handlebar



2. Follow Procedure 7.9, steps 1-4. Remove the stairarm from the front arm.
3. There are four bearings in the front arm assembly. The inner races of the bearings are not attached to the bearings and may come loose when the stairarm is removed. See Diagram 7.11.
4. Remove the upper arm per Procedure 7.14, steps 1 to 9.
5. Slide the inner bearing race and black plastic spacer off of the upper arm mounting shaft and retain for later use. See Diagram 7.30.
6. Slide the front arm off of the upper arm mounting shaft.
7. Clean the upper arm mounting shaft to remove any dried grease, dirt or debris.
8. Slide the replacement front arm into place on the upper arm mounting shaft.
9. Replace the upper arm per Procedure 7.14, steps 10-19.

10. Remove the spacer, the inner race, two large washers and a wave washer from the stairarm. The clearance between the stairarm shaft and the inner race is very small. It is very easy to jam the inner race on the stairarm shaft.
11. Carefully, clean the stairarm shaft to remove any dried grease, dirt or debris.
12. Slide the wave washer and two large washers on to the stairarm shaft. Carefully, slide the inner race all of the way onto the shaft and against the large washers. Slide the spacer onto the stairarm shaft. The arrangement should be as shown in Diagram 7.36, above.
13. Carefully, slide the stairarm onto the inner race on the front arm assembly.
14. Slide the remaining inner race that is in the arm into the far bearing and secure with the snap ring.
15. Lift the stairarm and fasten it to the rear link assembly with the hardware removed in step 1. Torque the rear links assembly hardware to 100 - 110 inch pounds.
16. Set the moveable handlebar in its mounting position on the front arm and fasten it with the hardware removed in step 1. Slide its cover down into place.
17. Thoroughly test all AMT functions.