

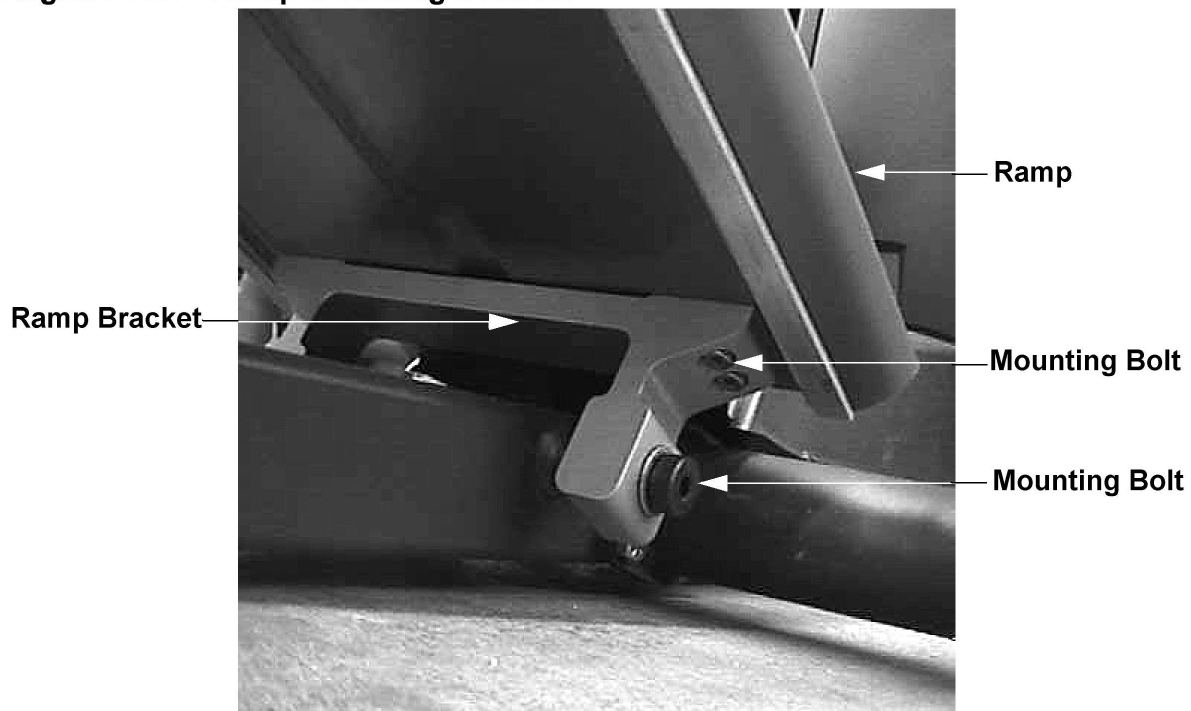
## Procedure 7.28 - Replacing a Ramp Mounting Bracket

**Warning:** Care must be taken when work is being performed in the area of the stairarms. Pinch points exist between the stairarm and ramp and between the stairarm and crankarm, when the rear covers are removed.

### Procedure

1. Remove the front, top, left and right rear cover sections per Procedure 7.18.
2. Remove three bolts, washers and single nut that fasten the right stairarm connector to the right stairarm. Remove three bolts, washers and single nut that fasten the left stairarm connector to the left stairarm.
3. Rotate both stairarms to the rear, so that they are resting on the floor to the rear of the EFX.

### Diagram 7.27 - Ramp Mounting Bracket



4. Remove the screw that fastens the ramp end cap to the ramp. Remove the ramp end cap.
5. Remove the four bolts that fasten the ramp to the rear ramp bracket.
6. Remove two bolts, four washers and two nuts that fasten the ramp to the front ramp support.

7. Remove the ramp from the EFX.
8. Remove the two bolts, wave washers and shims that fasten the ramp mounting bracket to the frame. Remove the ramp mounting bracket.
9. Set the replacement ramp mounting bracket at its mounting position. Fasten the ramp mounting bracket with the hardware removed in step 8, slide the wave washer onto the bolt and then the shim. Torque the bolts to 25 ft./lbs.
10. Set the replacement ramp in its mounting position, replace the bolts washers and nuts removed in step 6. Do tighten the bolts at this time.
11. Replace the four bolts and washers removed in step 5 that fasten the ramp to the rear ramp bracket.
12. Torque the four bolts between the ramp and rear ramp bracket to 12 ft./lbs. Torque the two bolts between the ramp and the front ramp support to 20 ft./lbs.
13. Replace the ramp end cap with the screw removed in step 4.
14. Rotate both stairarms forward so that they are resting on the ramp.
15. Set the replacement right stairarm connector at its mounting position and slide the secondary link onto the right stairarm connector. Replace, but do not tighten the hardware removed in step 2. Torque the two bottom bolts to 50 in./lbs. Torque the horizontal bolt to 11 ft.lbs. Set the replacement left stairarm connector at its mounting position and slide the secondary link onto the left stairarm connector. Replace, but do not tighten the hardware removed in step 2. Torque the two bottom bolts to 50 in./lbs. Torque the horizontal bolt to 11 ft.lbs.
16. Replace the front, top, left and right cover sections per Procedure 7.19.
17. Thoroughly, test the EFX per Section Four.