

Procedure 7.22 - Replacing a Stair Arm Assembly

Removing the Stair Arm Assembly

1. Remove the covers as described in Procedure 7.1.

WARNING

Before continuing with this procedure, review the Warning and Caution statements listed in Section One, Things You Should Know.

2. Press down the stairarm with one hand. With your other hand, grasp and pull the end of the toothed belt connected to the return spring. Release the stairarm. Remove the belt from the pulley and belt idler (refer back to Diagram 7.10).
3. Remove the fasteners that secure the belt clamp to the pedal. Pull the belt out of the hole in the stair arm foot pad. Set aside the belt clamp and toothed belt.
4. Remove the retaining rings and nylon washers from the stair arm assembly (see Diagram 7.20)
5. Grasp the two arms and foot pad on the stair arm assembly. Slide the stair arm assembly from the stair arm shaft weldments.
6. If you are replacing one stair arm assembly only...

THEN...

Continue with the next step.

OTHERWISE...

Repeat Steps 2 through 5 for the second stair arm assembly; then continue with the next step.

Replacing the Stair Arm Assembly

7. Slide the stair arm assembly and nylon washers onto the stair arm shaft weldments.
8. Install the retaining rings on the stair arm assembly.
9. Route the loose end of the toothed belt through the front of the pedal (refer back to Diagram 7.13).
10. Place and hold the end of the belt against the belt clamp weldment on the underside of the pedal. The end of the belt should be flush with the end of the clamp.
11. Place the belt clamp against the belt positioned in the previous step.

Note:

Hold the belt clamp against the belt and slotted area on the underside of the pedal when you perform the next step.

12. Install the fasteners that secure the belt clamp to the pedal.
13. Lift the stair arm assembly from the frame weldment. Grasp the toothed belt and lift it over the toothed pulley. Route the belt under the idler pulley.
14. If you are replacing one stair arm assembly only...

THEN...

Continue with the next step.

OTHERWISE...

Repeat Steps 7 through 13 for the second stair arm assembly; then continue with the next step.

15. Check the operation of the climber as described in Section Four, then replace the covers as described in Procedure 7.1

Diagram 7.20 - Stairarm Assembly

