Procedure 7.12 - Replacing a Crankarm Assembly

Removing a Crankarm Assembly

1. Set the on/off switch in the ìoffî position, then unplug the power cord from the wall outlet.

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

2. Remove the rear cover as described in Procedure 7.1.

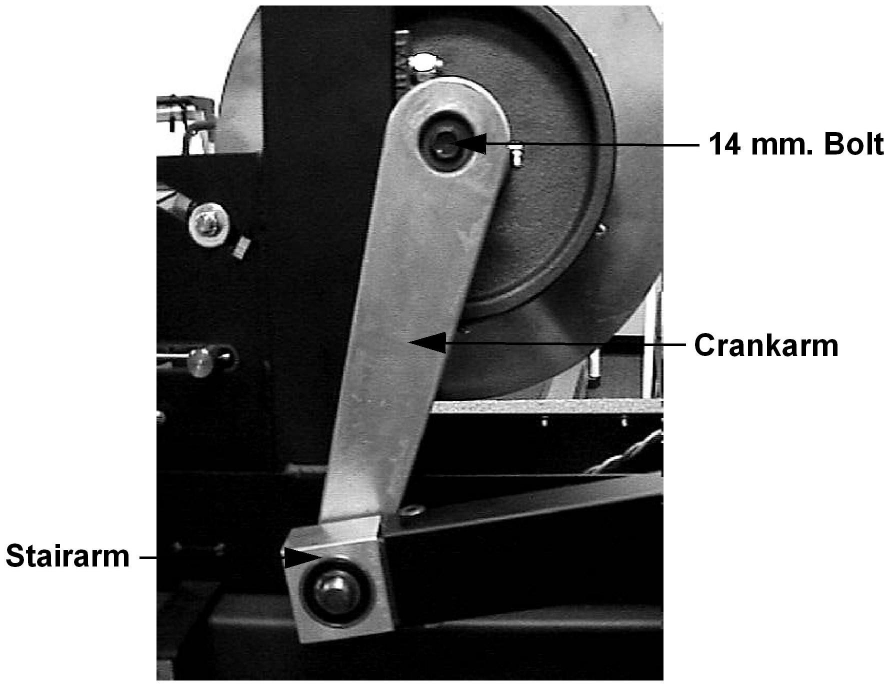
3. Remove the stairarm assembly as described in Procedure 7.24.

Note:
Notice the position of the two crank arms. When the crankarms are replaced, they must be positioned so that they are 180 degrees opposing.

4. Remove the 14 mm. bolt that secures the crankarm to the input pulley shaft. It will be necessary, use a 4î to 6î gear puller to remove the crankarm. Do not use a hammer or mallet to remove the crankarm.

5. If you are removing both crank arm assemblies, repeat Steps 3 and 4 for the second crankarm assembly.

Diagram 7.13 - Crankarm



6. The crankarm removed from the right hand side has a magnet in a recess on the lower backside of the crankarm. The magnet is held in the crankarm by itís magnetism. Remove the magnet either by prying it out with a thin bladed screwdriver or by placing a heavy piece of steel near the magnet and allowing the it to adhere to the heavy piece of steel.

Replacing a Crank Arm Assembly

7. Place the magnet removed in step 6 in the crankarm that will be mounted on the right hand side of the EFX.

8. Position the crankarm on the input pulley shaft. Thread and hand tighten the 14 mm. bolt into the input pulley shaft. Torque the nut to 300 in/lbs.

9. Replace the stairarm assembly as described in Procedure 7.24.

10. If you are replacing both crankarm assemblies, repeat steps 8 and 9 for the second crankarm assembly.

11. Set the on/off switch in the ìonî position. Use the unit and note whether the stride rate is being displayed. If the stride rate is zero while the unit is being used, the magnet was installed backwards. The hall effect sensor is polarity sensitive, therefore the magnet installed in step 7 must be reversed.

12. If the stride rate in step 11 was zero, remove the magnet from the right hand crankarm, reverse and reinstall it. Repeat step 11.

13. Set the unit at itís high resistance setting and use the EFX for at least 3 minutes. Set the on/off switch in the ìoffî position and re-torque both of the 14 mm. crankarm mounting bolts to 300in/lbs.

14. Replace the rear cover per Procedure 7.1.