

Procedure 7.17 - Replacing the Input Drive Assembly

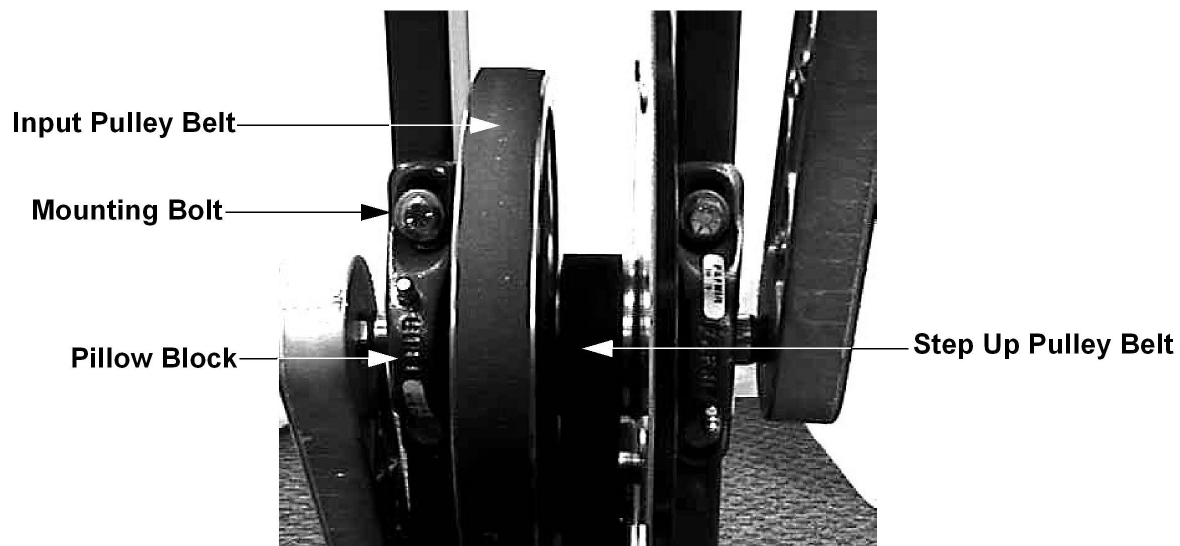
1. Set the on/off switch in the "off" position, then unplug the power cord from the wall outlet.

WARNING

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

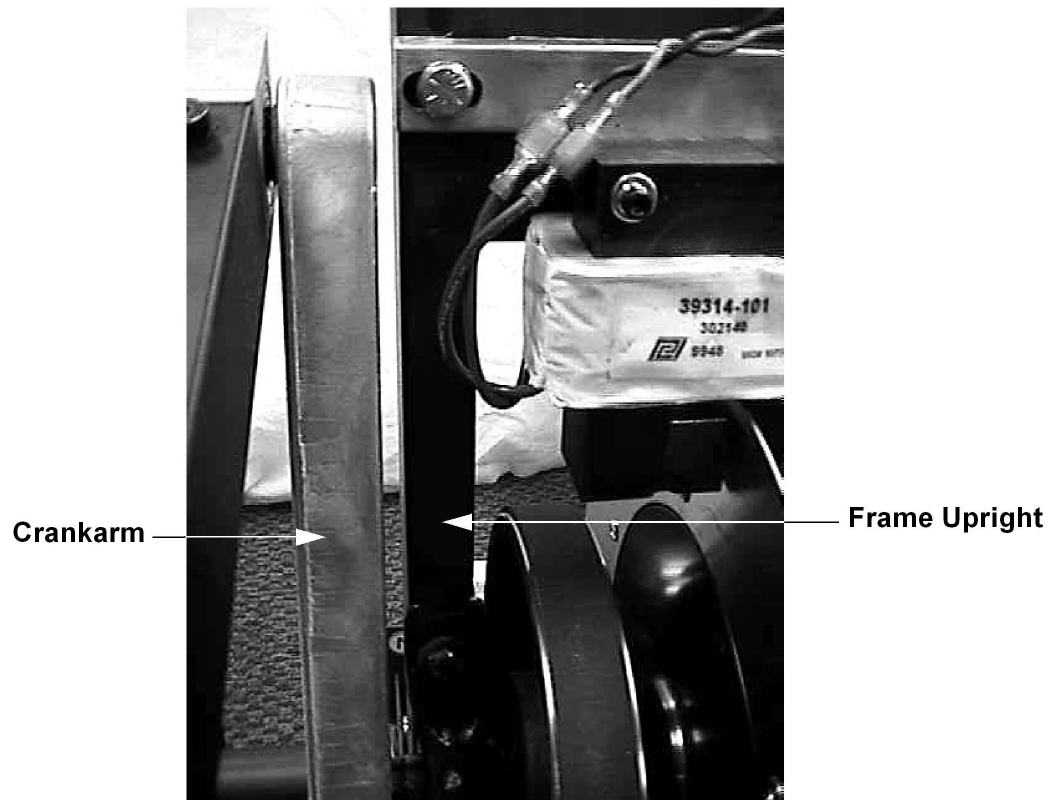
2. Remove the rear cover.
3. Remove the stairarm assemblies as described in Procedure 7.24.
4. Remove the crankarm assemblies as described in Procedure 7.12.
5. Remove the magnet assembly as described in Procedure 7.20.
6. Remove tension from the input pulley and step-up pulley belts as described below:
 - a. Loosen the stub tensioner axle nut and turn the stub tensioner adjustment nut counterclockwise until tension is removed from the input belt. (See Diagram 5.4)
 - b. Straighten the locking tabs and turn the left and right tension bolts counterclockwise until tension is removed from the step up belt. (See Diagram 5.2)
 - c. Slide the input and step up belts off of their pulleys.
7. Remove the stub tensioner per procedure 7.28, steps 4 and 5.
8. Remove the input drive assembly mounting bolts (2 per pillow block bearing).

Diagram 7.15 - Input Drive Assembly



9. Remove the input drive assembly. Slide both belts off of the ends of the input drive assembly.
10. Hold the replacement input drive assembly at its mounting position and slide the input belt over and past the pillow block bearing on the left side of the input drive assembly. Slide the step belt over and beyond the pillow block bearing on the right side of the input drive assembly.
11. Replace the input drive assembly. Torque the four bolts that mount the input drive assembly to 500 inch pounds.

Diagram 7.16 - Drive Unit Alignment



12. Place the input belt and step up belt in place on their pulleys. Tighten both belts enough so that they don't slip and are roughly aligned. The tensioning and alignment of the belts will be completed in a later step.
13. Replace the magnet assembly per procedure 7.20.
14. Complete the installation, drive belt alignment and tensioning per Procedure 5.3.
15. Replace the crankarms per Procedure 7.12. The crankarms must be parallel to the frame uprights. See Diagram 7.16. If necessary loosen the four drive unit mounting bolts, align the drive unit and torque the drive unit mounting bolts to 500 inch pounds.

16. If the drive units was moved in step 15, re-check the drive belt alignment and tensioning per Procedure 5.3.
17. Replace the cover.