

Procedure 7.13 - Replacing a Magnet Assembly

Each magnet assembly consists of an upper and a lower magnet coil. Diagram 7.8 shows the magnet assemblies used on the C760 Series Climbers.

Removing a Magnet 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. Remove the blue, red, and yellow wires from the magnet coils on the magnet assembly you are removing.
3. Remove the fasteners that secure the magnet assembly to the frame upright. Set aside the magnet assembly.
4. If you are removing only one magnet assembly...

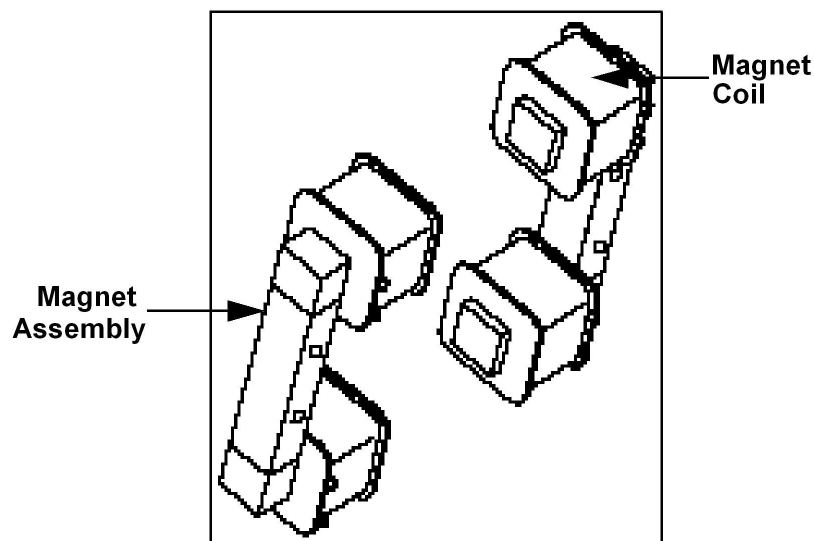
THEN...

Continue with the next step.

OTHERWISE...

Repeat Steps 2 and 3 for the second magnet assembly; then continue with the next step.

Diagram 7.8 - Magnet Assemblies



Replacing a Magnet Assembly

Do not tighten the bolts more than finger tight when you perform the next step.

5. Position the magnet assembly against the frame upright (see Diagram 7.9). Install the fasteners that secure the magnet assembly to the frame upright.
6. If you are replacing only one magnet assembly...

THEN...

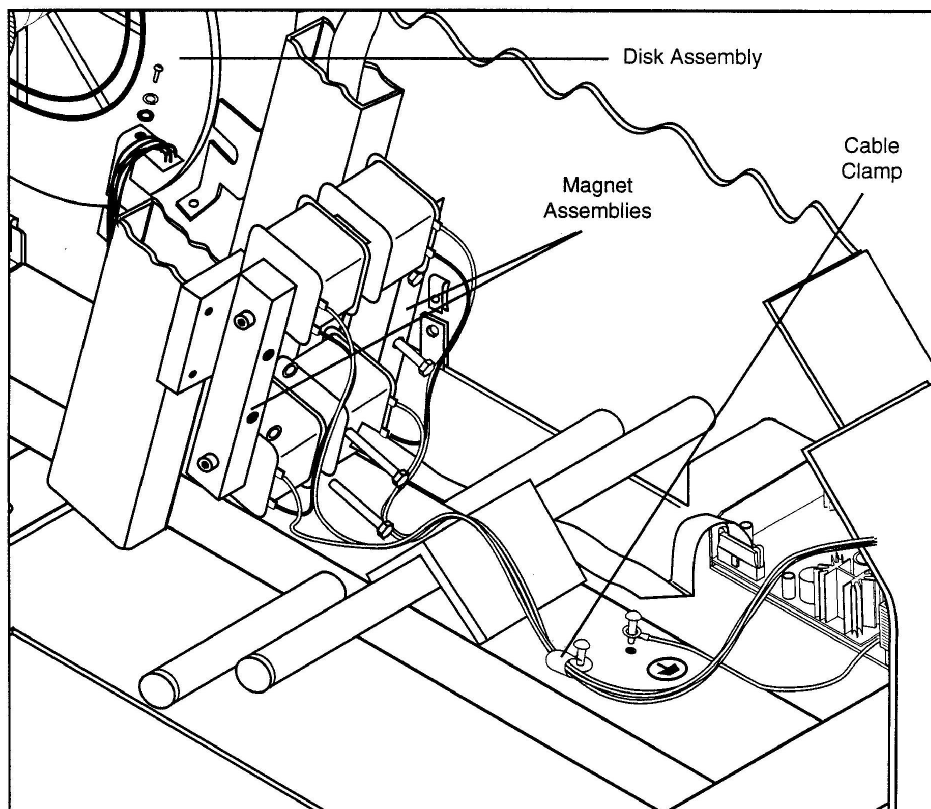
Continue with the next step.

OTHERWISE...

Repeat Step 5 for the second magnet assembly; then continue with the next step.

7. Inspect the gaps between the disk and the magnet assemblies as described in Procedure 5.1.

Diagram 7.9 - The Magnet Assembly



Note:

The wires that make up the magnet cable assembly are pre-bent. When the magnet cable assembly is installed correctly, the wires will fit naturally around the magnet assemblies.

8. Push the blue wire connector onto the top terminal on the upper magnet coil. Push the red wire connector onto the top terminal on the lower magnet coil. Connect the ends of the yellow wire to the empty terminals on the magnet coils. Repeat this step if you replaced both magnet assemblies.
9. Check the operation of the climber as described in Section Four, then replace the covers as described in Procedure 7.1.