

Procedure 7.12 - Replacing the Magnet Cable Assembly

Removing the Magnet Cable Assembly

1. Remove the right cover 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 screw that secures the magnet cable in the cable clamp.
3. Remove the magnet cable assembly from the lower PCA.
4. Remove the blue, red, and yellow wires from the four magnet coils.

Replacing the Magnet Cable Assembly

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

5. Push the blue wire connectors on the magnet cable assembly onto the top terminals on the upper magnet coils (see Diagram 7.7).
6. Push the red wire connectors on the magnet cable assembly onto the top terminals on the lower magnet coils.
7. Connect one yellow wire to the empty terminals on the magnet coils of the right magnet assembly. Connect the remaining yellow wire to the empty terminals on the magnet coils of the left magnet assembly.
8. Connect the magnet cable assembly to the lower PCA.
9. Place the magnet cable in the cable clamp you opened in Step 2. Install the screw that secures the magnet cable in the cable clamp.
10. Check the operation of the climber as described in Section Four, then replace the cover as described in Procedure 7.1.

Diagram 7.7 - Magnet Wiring

