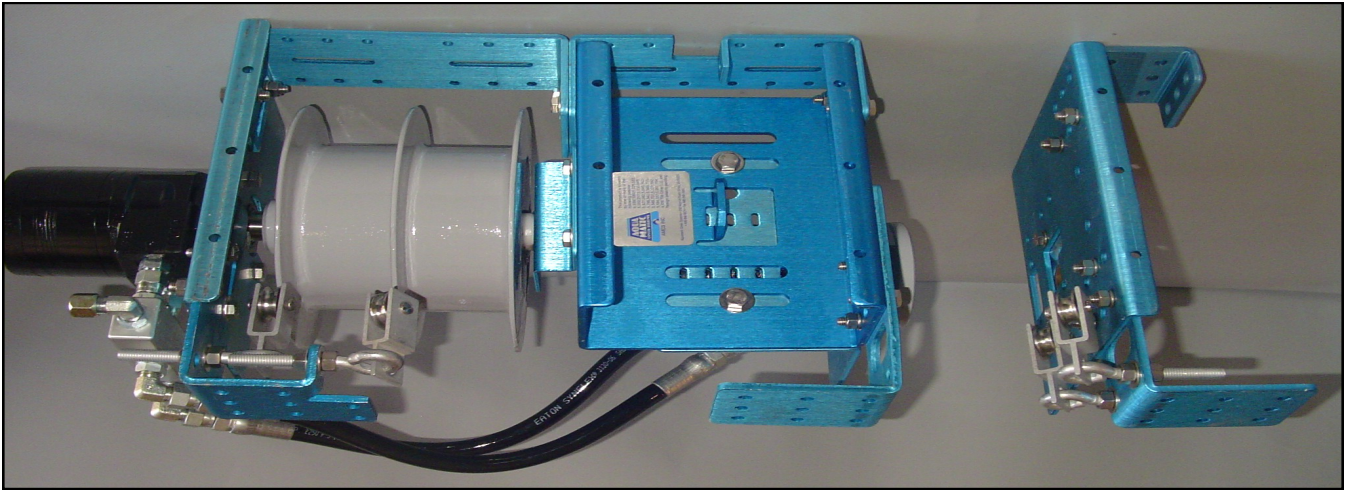


## How To Switch From A Left To Right Hand Motor Unit



Some times there is confusion as to the orientation of the motor unit in relation to the swimming pool.

Aquamatic Cover Systems refers to the “motor side” as such:

Standing behind the cover vault looking towards the pool, which side of the vault contains the larger of the two extensions past the water line. On “split drives or compact units” the extensions are generally the same size, so in these cases it is determined by the hose chase location.

If you have ordered the incorrect side, this will help you to switch it over, saving you time and money, versus shipping it back and waiting for the correct unit, and having a disgruntled home owner on your hands.

### **Switching Procedures:**

- 1). Start by separating the unit into two parts, the rope reel, and main carriage, by disconnecting the short hoses and the front mounting brackets.
- 2). On the main carriage, remove the two “skew adjustment” bolts and spin the hydraulic motor 180 degrees. As well as adjust the hose fittings on the motor towards the back of the vault. And switch the back bracket and pulley around.
- 3). Remove the delrin pin and bracket and place on other side of main carriage.
- 4). On the rope reel, remove the front mounting bracket and reattach to the main carriage on the opposite side.
- 5). Remove the four bolts holding the rope reel motor in place and rotate it 180 degrees and reattach.
- 6). The manifold will also need to be flipped around. Reposition the fittings to the appropriate angles.
- 7). On the manifold, switch the short hoses on the #3 & #4 fittings, but leaving them the same at the hydraulic motor. They should be crisscrossing each other. The #1 fitting should always be on top.
- 8). Slide the rope reel unit onto the delrin pin and main carriage, and attach to the front mounting bracket.
- 9). Reposition the rear brackets and pulleys to properly feed the rope onto the rope reel.
- 10). On the non-motor side end plate, simply reverse the mounting brackets, pulleys, and pillow block.
- 11). Mount the unit as normal. The rope reel should rotate **towards** the pool and the drum should rotate **away** from the pool. If not, double check your manifold connections. The top fitting should be #1. If the drum is rotating towards the pool, simply switch the short hoses at the #3 & #4 fittings.
- 12). Congratulations you are done!!!!!!!!!!!!1