

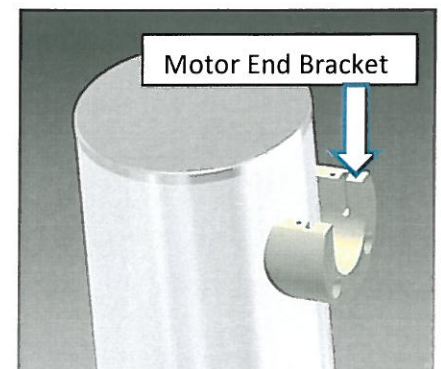
HELIOS INSTALLATION INSTRUCTIONS



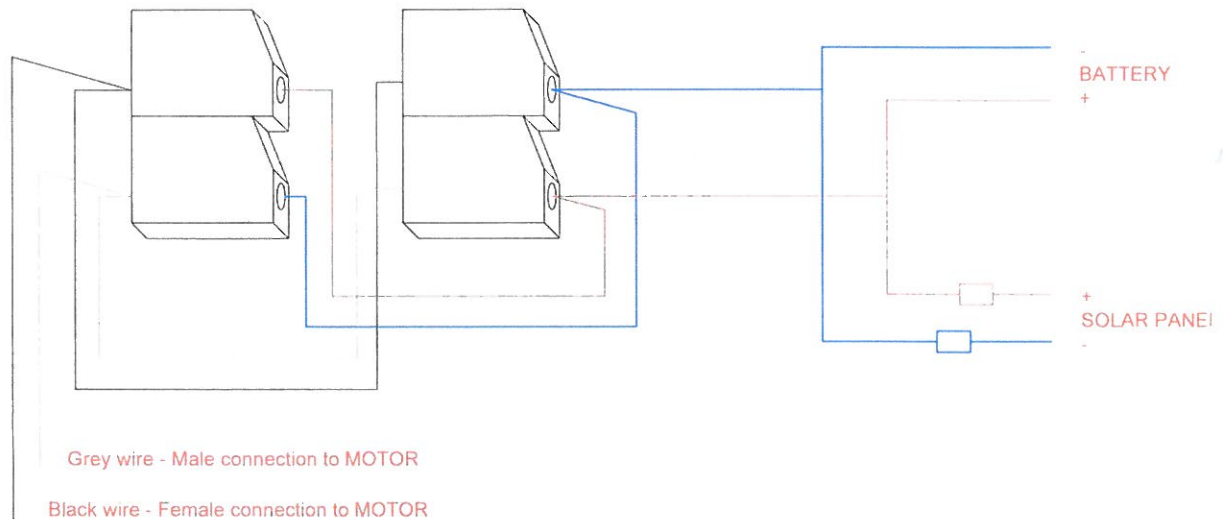
The Helios is a completely self-contained motorised reel for use on domestic swimming pools for the removal and storage of floating pool covers.

FITTING THE REEL

1. Remove all the items from the end stand box (square) and confirm you have the following items:-
 - a. Two ends stand, one with motor bracket one with lid and boss attached.
 - b. Solar panel and lid for motor side bracket
 - c. PRD20039 set with bag of 8 x M6 screws, Ground fixings, 6 self-tapping screws and 2 keys.
 - d. Boxed motor complete with drive and timing collars with adjuster tool.
2. Remove all the items from the tube box and confirm you have the following items:-
 - a. Outer tube sections with clamp bar & screws.
 - b. Outer tube sections with clamp bar & screws and locking assembly. **Please remove the locking assembly as this will not be required.**
 - c. Inner tube section.
3. Mark position of motor collars then fit motor to one of the outer tubes.
4. Fit tube sections together loosely and align with the edge of the pool where the reel is to be sited. Make sure the threaded blue strap lugs are evenly distributed along the inner and outer sections of the tubes recesses, as per our slidelock assembly instructions enclosed.
5. Place end stands in position as close to the pool edge as possible and so as to give a minimum 150mm (6") and a maximum 300mm (1'0") overlap and mark this position.
6. Remove the lid of the bearing end stand, mark and drill the four 12mm diameter x 45mm deep holes ensuring that the end stand boss is pointing across the pool parallel to the pool edge. Fix loosely in place.
7. Repeat with the motor side end stand having first removing the battery, battery support shelf and the two M4 Allen key bolts that secure top section of the motor bracket, remove top section.
8. Lift the tube sections into place dropping the motor lugs into the motor end bracket and pushing the opposite outer tube over the bearing side end boss ensuring the middle section is symmetrical. Tighten the end stands down firmly followed by the tube clamping screws. It is advisable to hold the centre of the tube up to make sure that the assembly end up clamped perfectly straight which will aid even rolling of the cover and tube.



9. Pass the motor tube cable through motor bracket one wire at a time, then through the gland leaving a little slack on the outside. Tighten gland to make water tight and wire cable into the two empty motor terminals in the connection block.



10. Wire the solar panel by connecting the two bullet connections to the matching connectors on the wiring loom; red to red and black to black.
11. Replace battery shelf and battery. Followed by both end stand lids facing the solar panel due South.
12. Briefly operate the motor in both directions but do not yet attach the cover.

FITTING THE COVER

1. Take the reel tube all the way in then send back out counting the revolutions. You will require 4 to 5 revolutions for the straps plus 12 to 18 revolutions depending on the pool length.
 - a. 12 revolutions - 6m (20')
 - b. 14 revolutions - 7.5m (25')
 - c. 16 revolutions - 9m (30')
 - d. 18 revolutions - 11m (35')
2. Extend the number of rotations by turning the adjuster screws on the motor using only the tool provided.
3. With the reel fully out, attach the cover straps as normal keeping them even and symmetrical.
4. Take the cover in 2-3 turns and then adjust the limit so that the reel stops in this position.
5. Take the cover fully in and adjust the other limit to set the stored position of the cover with the leading edge just raised off the pool deck.

TAKING CARE OF THE HELIOS REEL AND COVER

- All solar covers must be protected from UV light and excessive heat by covering with a solar protector sheet while they are stored on the reel.
- Keep the solar panel clean by wiping with a damp cloth every week to stop a build-up of dirt.
- If the tube sections become at all loose, tighten the clamps immediately to avoid damage to the fixings.