

ASSEMBLY INSTRUCTIONS Surface Rider and Surface Rider II

PLEASE READ ENTIRE INSTRUCTIONS CAREFULLY BEFORE PROCEEDING

Four Easy Steps:

If you need additional assistance, contact us at info@feherguard.com or call 905-876-4766 Monday to Friday 8:30 a.m. to 5:00 p.m. Eastern Time.

- Recommend 8 mill cover with round bubbles. Before starting reel assembly, trim cover to CLEAR inside top edge of pool.
- Leave an extra 4" (10 cm) on cover length when installing the reel at mid-point or off center to allow for fold (see Fig. 11)
- Surface Rider II (SREII) Must be installed on your pool at the mid-point.

REEL SYSTEMS COMPONENTS AND PREPARATION:

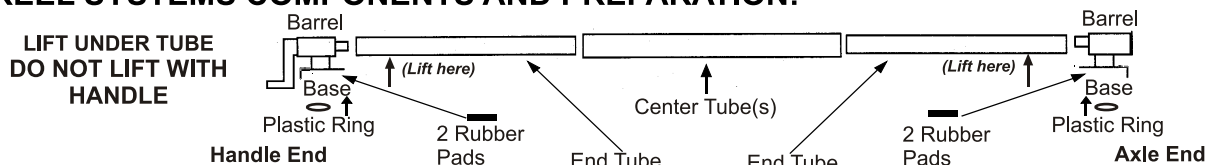


Fig. 1

Getting started:

SRS14, SRS18, SRS24, SRS28 or SRS34

1 End / Hardware Carton and 1 Tube Set Carton (SRE / SRT14, etc.)

Tools required for assembly: Recommend Safety Glasses

- Portable drill (driver bit provided)
- Tape measure
- Pencil and Scissors

End Parts & Hardware:

2 Barrels 1 Axle 1 Handle
4 Rubber Pads 2 Plastic Rings

Hardware Kit: Driver Bit
16 Strap Plates 8 Plastic Screws
8 Straps 22 Metal self-drilling Screws

STEP 1: SOLAR REEL PLACEMENT:

- A. Determine the best location for the reel system. On round pools, the reel should be located across the center of the pool. On oval or rectangular pools, locate the reel at its widest point where there is no decking on either side (see Fig. 2 below).

Note: Surface Rider II (SREII) systems for tubular rails must be installed at mid-point.

- B. At the determined location, measure the width of the pool from the outside edges of top rail and subtract 4" (10 cm) to ensure ends of system are 1/2" wider than outside of top rail. Ends must sit loosely on top rail. System Ends must be FULLY inserted into end tubes.

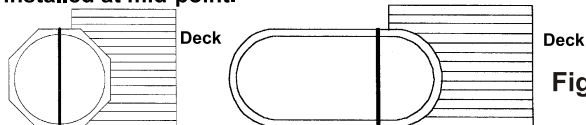


Fig. 2

STEP 2: TUBE ASSEMBLY

SRT14 (SRS14), SRT18 (SRS18) and SRT24 (SRS24)

(See page 2 for assembly of SRT28 (SRS28) and SRT34 (SRS34))

**Note: THIS STEP REQUIRES A TOTAL OF 12 SELF-DRILLING SCREWS
Do not pre-drill holes or over-tighten screws.**

- A. Ensure minimum insert of each end tube is inside center tube (see table at right)
Less than minimum insert causes screws to loosen and/or tubes to split.

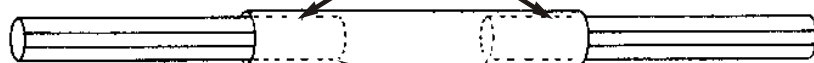


Fig. 3

Insert both end tubes equal distance into center tube and mark on center tube where inner tubes end

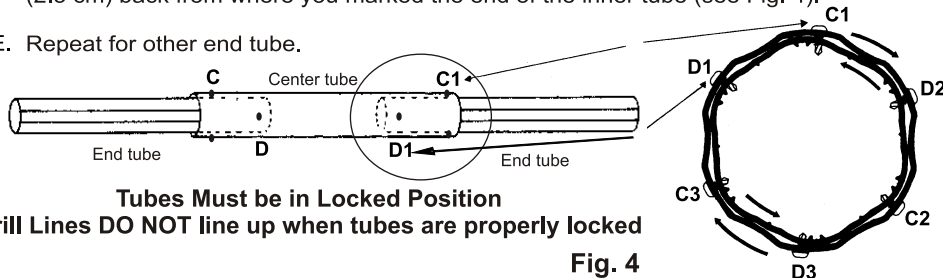
	Minimum Insert	Maximum Extension
SRT14 (SRS14)	9" (22.5 cm)	14' (4.2 m)
SRT18 (SRS18)	12" (30 cm)	18' (5.5 m)
SRT24 (SRS24)	10" (25 cm)	24' (7.3 m)

- B. Lock tubes together by rotating the center tube in the opposite direction to end tube. **HOLD TUBES LOCKED WHILE YOU INSTALL THE FIRST SELF-DRILLING SCREW ON A DRILL LINE, 1" (2.5 cm) back from the end of the center tube at Location "C1"** (see Fig. 4 & 5).

- C. Place 2 more self-drilling screws at Location "C2" & "C3" - 1 screw at every second drill line around tubes (see Fig. 4 & 5).

- D. At "D" locations install 3 screws around the center tube at every second drill line, 1" (2.5 cm) back from where you marked the end of the inner tube (see Fig. 4).

- E. Repeat for other end tube.



**Tubes Must be in Locked Position
Drill Lines DO NOT line up when tubes are properly locked**

Fig. 4



Fig. 5

Tube Assembly for SRT28 (SRS28) and SRT34 (SRS34)

Additional instructions and hardware are included in the Tube Carton

- Twist, lock and hold EACH tube join before installing first screw (Fig. 3 & 4).

Assembly for SRT28 (SRS28) tube sets requires 24 self-drilling screws.

SRT34 (SRS34) requires 36 self-drilling screws.

Do not pre-drill holes or over-tighten screws.

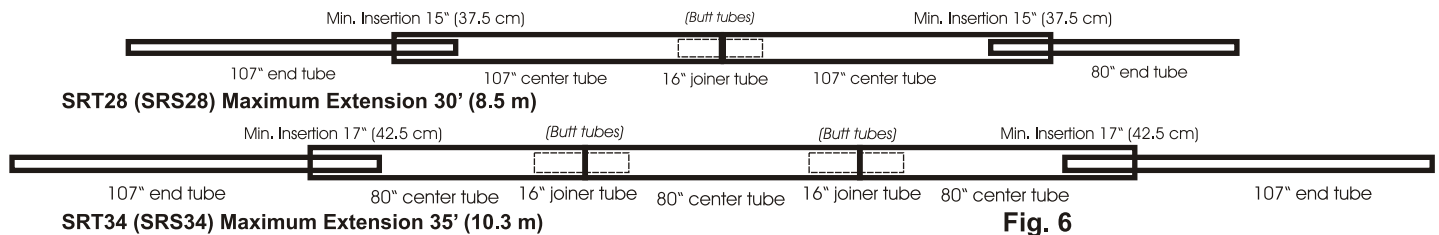


Fig. 6

STEP 3: ASSEMBLE ENDS

- Place Rubber Pads onto sides of both Bases.
- Insert each end firmly and fully into end tubes.
- Attach each end to tube by installing one self-drilling screw through drill line, 1" (2.5 cm) from the tube end at BOTH ends (see Fig. 7).

IMPORTANT:

Once end is inserted onto tube, place a screw through tube 1" (2.5 cm) from tube end. (at BOTH ends)



Fig. 7

STEP 4: STRAP ATTACHMENT

Attach a Strap Plate to EACH end of all Straps provided (see Fig. 8).

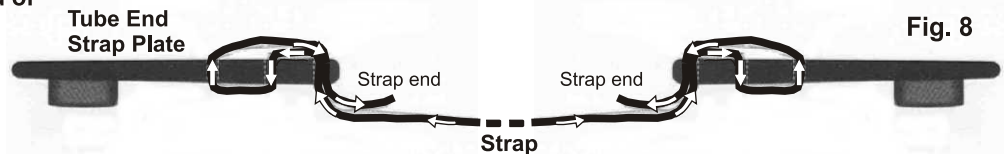


Fig. 8

STRAP ATTACHMENT - TO TUBE

- Mark each end tube 6" (15 cm) in from the inside edges of top rail of pool. Strap plates are spaced evenly between these marks. Mark strap plate locations along drill lines. Use all straps provided.
- Attach strap plates to tube (see Fig. 9). **DO NOT pre-drill holes or over-tighten screws.**

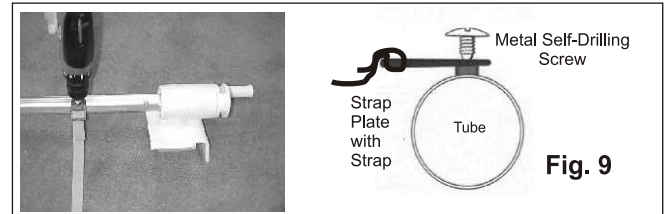


Fig. 9

STRAP ATTACHMENT - TO COVER

- Choose the appropriate instructions below for your pool setup. If you have determined a mid-pool placement (or off-center), it will be easier if you mark the cover then move it away from the pool and fold it (bubbles in) on a flat surface. Choose **EITHER** Fig. 10 **OR** Fig. 11.

For Reel Systems Placed at Pool End (Rectangular Pools) (Fig.10)

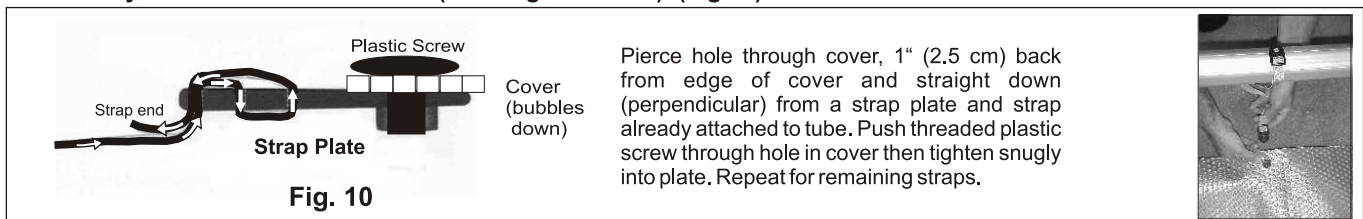


Fig. 10

For Reel Systems Placed at Mid-Pool or off center (Round, Oval or Irregularly Shaped Pools) (Fig. 11)

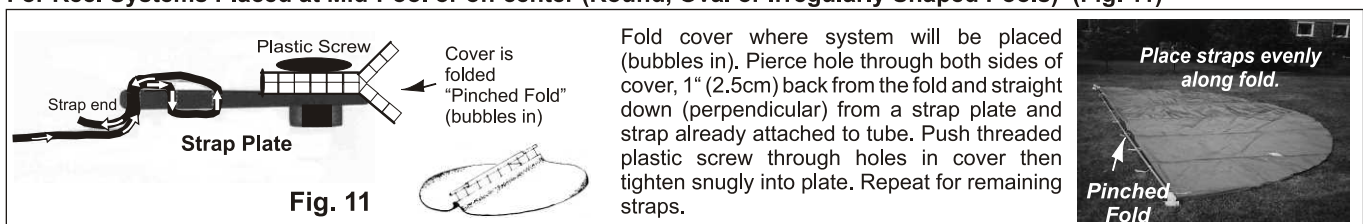


Fig. 11

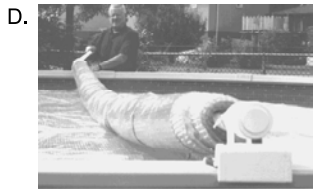


Fig. 12

- Do not attach the Surface Rider to the pool in any way. If this is done you will damage the system and void the warranty.
- With round pools, the ends of the cover should unroll in opposite directions. With oval or rectangular pools pull the leading edge of the cover slowly down the pool. (See Mid-Grip Pull Rope Accessory below.)
- The Surface Rider is *designed* to bow (see Fig. 12). The cover and the reel is supported by the buoyancy of the water during rolling.

Safe Use of Your Solar Reel:

- Solar Reel systems are designed solely to remove solar covers and are not made to support people or any other weight.
- Solar covers must be completely removed before entry into the pool. Under no circumstances, should one swim in a pool partially covered with the solar cover. Remove system and store on a fence supported in the middle or on the ground.
- Tubes are made of non-anodized aluminum and will discolor over time. This does not affect performance.

Care and Storage:

Check screws periodically and tighten, if necessary. The solar reel may be stored outside for the winter supported in the middle. It is not recommended to disassemble it for storage inside.

ACCESSORIES AVAILABLE FROM YOUR DEALER:



FG-FASPAK

Tube & Blanket Fastening Kit
(10 sets tube & blanket fasteners / pouch)
FG-FASKIT
(CARTON)



FG-BS2

Blanket Straps
(2 x 54" / pouch)



FG-RS50

Reel Strapping
(1 - 50' roll)



FG-PFS

Tube & Blanket Fasteners
(10 Sets / pouch)



FG-WPS

White Protective Sheet
(20' x 40" sheet with Velcro)



FG-MPR

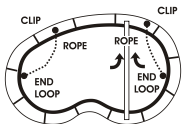
Mid-Grip Pull Rope
(see information below)



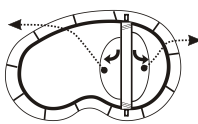
FG-SRFAS

Surface Rider Reel Straps & Fastener Kit
(8 Sets / pouch)

Take a look at our Website: www.feherguard.com



Clips to side for easier access when cover is rolled.



Makes pulling cover onto the pool easier.

MID-GRIP PULL ROPE (FG-MPR) (Available from your Dealer)

For ease of pulling cover on pool, we suggest using the Mid-Grip Pull Rope accessory. This easily attaches to the cover as shown at the left.



VACUUM HOSE REEL (FG-VHG)

Available through your local dealer

- Holds up to 50' of 1 1/2" Vacuum Hose
- Durable polyethylene construction
- Also for Pool Backwash Hose, Electrical Cord (100') or Garden Hose (100')



FG-VHG



Five Year Warranty:

FeherGuard warrants for a period of five years from the date of delivery to the original consumer purchaser, that the Surface Rider Solar Cover Reel System shall be free from defects in workmanship or material, under normal use and in accordance with FeherGuard's written installation and use instructions. FeherGuard at its option shall supply free of charge any part found to be defective in workmanship or material.

Any implied warranties are limited in duration to the five-year period from the date of delivery to the original consumer purchaser.

This warranty is void if there is evidence of purchaser abuse, improper installation or normal wear.

FeherGuard will not be liable for incidental or consequential damages resulting from any defects in workmanship or material. Some States/Provinces/Countries do not allow the exclusion or limitation of incidental or consequential damages, so the foregoing limitations or exclusions may not apply.

This warranty gives the claimant specific legal rights. The provisions of this warranty are in addition to and not a modification of or a subtraction from the statutory warranties and other rights and remedies contained in applicable local legislation.

To validate warranty, return this registration form within 30 days of purchase. You may also register your warranty ONLINE at - www.feherguard.com.

Warranty claims should be processed through your Dealer and include your proof of purchase.

FeherGuard Products Ltd.
821 Main Street East
Milton, Ontario CANADA
L9T 3Z3

Specifications subject to change without notice.

1/08

Thank you for buying the Surface Rider Solar Cover Reel System. We know it will make solar cover handling easy for you.



FeherGuard "Five Year" Warranty Registration

Please Print

PURCHASER: _____

ADDRESS: _____ CITY: _____

STATE/PROVINCE/COUNTRY: _____ ZIP/POSTAL CODE: _____

MODEL #

STORE LOCATION

PURCHASE DATE