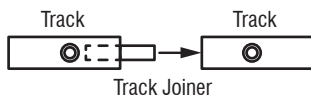


INSTALLATION AND MAINTENANCE

Note: This instruction sheet relates to Series 19, 22, 26 & 30 track batten car systems with track mounting slugs.

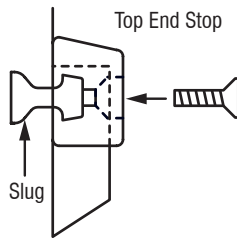
Track mounting slugs are not available for Series 14 and 42 tracks. These tracks have to be screwed directly to the mast.

It is significantly easier to install a track batten system with the mast level (horizontal). Installing with the mast upright (vertical) can take up to 4 times as long and will generally require 3 people.



Track Joiners

A track joiner should be installed between track sections to ensure smooth car transition at the joints. Track joiners are available for each track size.

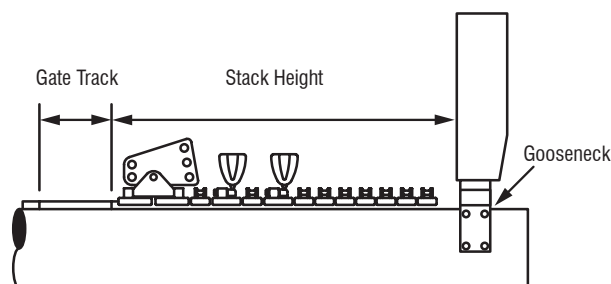


Installing The System With The Mast Level (Horizontal)

- A1. Enlarge the luff groove (using an appropriate size drill bit or similar) directly above the gooseneck; just enough to enable the track mounting slugs to be pushed in to the groove.
- A2. Slide sufficient track mounting slugs for the upper track length up to the top of the mast.
- A3. Fasten the top end stop with a screw and a track mounting slug.
- A4. Slide the remaining track mounting slugs in to position at each track mounting hole and fasten them through the track with screws.

NB! Use a drop of Screw Lock on all screws!

- A5. Proceed with the next track length by placing a track joiner between the track lengths, working from the top down.
- A6. Determine the stack height by adding the lengths of the batten, intermediate and headboard cars.
- A7. Establish a gate track for installing or removing the cars above the stack height.
- A8. The gate track must be long enough to allow removal of the longest car. Gate tracks are available for each series.
- A9. The gate should be secured with one track joiner only, to enable easy removal.
- A10. The track length above the gate must be cut to fit.
- A11. Secure the bottom end stop with screws after having drilled and threaded holes in the track to suit. (Do not place the bottom end stop closer than 10mm (3/8") from the gooseneck; the gap will allow for bending of the mast).
- A12. Remove the gate track, stack the cars in the correct order on the track and replace the gate track.

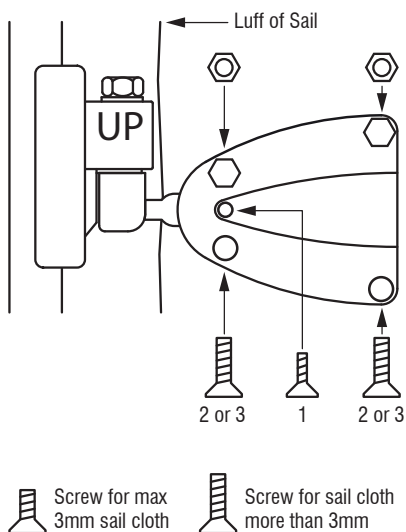
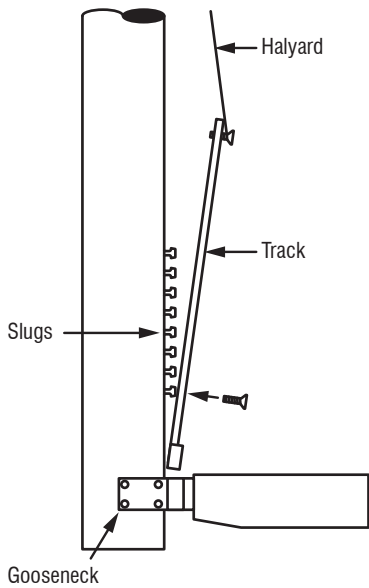


Installing The System With The Mast Upright (Vertical)

- B1. Enlarge the luff groove (using an appropriate size drill or similar) directly above the goose neck; just enough to enable the track mounting slugs to be pushed in to the groove.
- B2. Slide track mounting slugs for the upper track length and top end stop up the mast and secure the track loosely with a screw and track mounting slug in the bottom hole.
- B3. Work your way up the track sliding the slugs up behind the track, then securing them loosely with screws.

NB! Use a drop of Screw Lock on all screws!

- B4. Attach the top track mounting slug loosely with a temporary, long screw, to which the halyard is attached.
- B5. Place a track joiner in the lower end of the track length and hoist the track up into position, fit the top end stop and tighten all screws. (The track joiner may need to be cut to length to be clear of the end mounting hole and slug).
- B6. In order to tighten the screws permanently and to place the top end stop you will have to go aloft.
- B7. Repeat this procedure for the subsequent pieces of track, until you have secured the specially cut track length above the gate. Refer steps A6-A10 on previous page. Remember to secure the gate with one track joiner, only.
- B8. Secure the bottom end stop with screws after having drilled and threaded holes in the track to suit. (Do not place the bottom end stop closer than 10mm (3/8") from the gooseneck; the gap will allow for bending of the mast). Remove the gate track, stack the cars in the correct order on the track and replace the gate track.

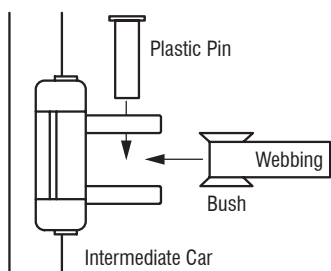


Installing a Batten Receptacle/Link

- With each batten receptacle you receive 3 sets of screws:
 1. Screws for securing the batten receptacle to the stainless steel link
 2. Screws for securing the batten receptacle to the sail canvas less than 3mm (1/8") thick
 3. Screws for securing the batten receptacle to the sail canvas more than 3mm (1/8") thick
- Press the fork of the stainless steel link over the luff of the sail.
- Position one half of the receptacle and secure it to the fork of the stainless steel link with No. 1 screw.
- Drill holes in the canvas under each of the four corner holes in the receptacle.
- Place the other half of the receptacle on the opposite side of the sail.
- Secure the receptacle with four screws and nuts. Please observe that two of the holes in the receptacle are suited for screw heads, while the other two are suited for nuts.
- Fit the receptacle /link to the batten car observing the UP sticker on the car.

Installing an Intermediate Car

Remove the pin by pushing up the bottom end of the pin with a screwdriver. Place the webbing loop around the plastic bush. Position the bush in the car and re-insert (from the top of the car) the plastic pin



Maintaining the Batten Cars

To ensure trouble-free operation, flush the cars now and then with fresh or soapy water. This will remove any salt deposits between the balls and the car body. Cleaning can be performed in-situ by spraying with a hose or dousing with a bucket. A soft brush may also be used.

Note: Oil, WD-40 or other lubricants should not be used on the cars.