BANDING METHOD INSTRUCTIONS

Retrofitting Track and Support Arm Bracket to Octagonal Poles using banding method
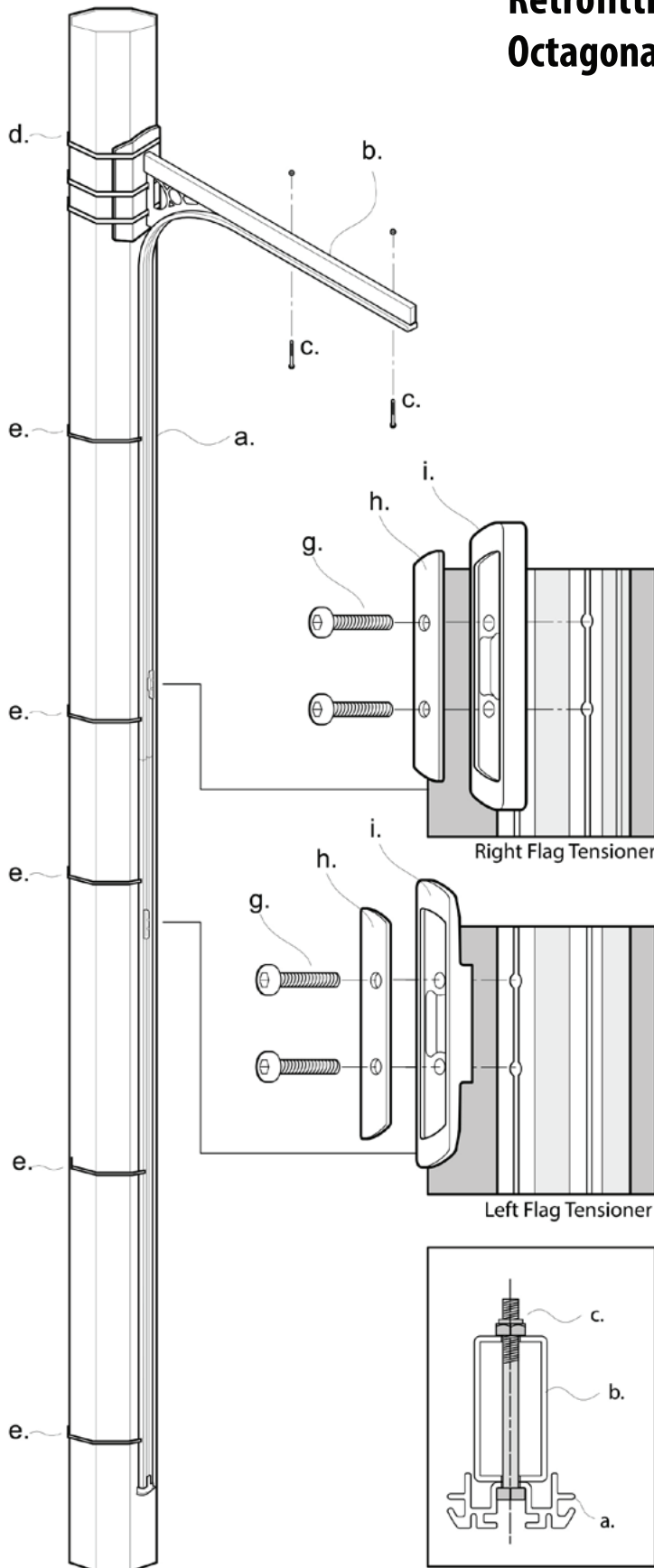
Thank you for choosing the FlagTrax flag and banner installation system. This product is designed to be installed by qualified tradesmen and the instructions below are intended as a guide only.

Please read thoroughly before attempting installation.

These instructions are for the installation of FlagTrax with a retrofitted Support Arm Bracket to octagonal poles (steel or concrete). This FlagTrax model is designed to use stainless steel banding to fix the track to the lighting stand, lamppost or pole.

Each FlagTrax installation requires the following components.

Supplied:

x1 FlagTrax Aluminium Track supplied in two sections (a.)

x1 PushPull Rod (f) (Supplied loosely coiled)

x1 Support Arm Bracket designed primarily for octagonal steel poles. (b.)

x2 Aluminium Rivets for joining track together

x2 m6 x 65mm stainless steel bolts and nuts. (c.)

x2 Flag tensioners (i)

x2 Steel flag tensioner insert (h)

x4 m5 x 25mm screws (g)

x1* FlagTrax Locking Key (*The quantity supplied will vary depending on requirements)

Not supplied:

x4 12.7mm 201 Stainless Steel BAND-IT® Bands (C20499) and sealed with C25499 buckles. (e.)

The Support Arm Bracket can also be fitted with stainless steel banding.

x3 19.1mm 201 Stainless Steel BAND-IT® Bands (C20699), double wrapped* and sealed with C25699 buckles. (d.)

Right Flag Tensioner

Left Flag Tensioner

Fig 1.

INSTALLATION INSTRUCTIONS

Step 1. Preparing FlagTrax prior to installation

1. The FlagTrax is supplied in two sections (for easier transportation and storage) and must be fitted together before installation. (fig 2)

    Carefully fit the two aluminium track sections together ensuring the slots are aligned correctly and the joiner sits neatly inside the FlagTrax Track. Drill two 5mm holes through the joiner and track and rivet the sections together.

    A hand riveter and battery drill with 5mm drill bit is required for this operation.

2. Screw the Right Flag Tensioner (i) with stainless steel tensioner insert (h) to pre drilled and tapped holes on the right hand side of the FlagTrax track positioned facing down (as illustrated).

3. Screw the Left Flag Tensioner (i) with stainless steel tensioner insert (h) to pre drilled and tapped holes on the right hand side of the Flagtrax track positioned facing down (as illustrated).

4. Thread lengths of 12mm stainless steel banding with buckles attached (long enough to wrap around the pole) through the slots in the FlagTrax aluminium track (a). This will make it easier to secure the track to the pole when in position.

5. Thread three lengths of 19mm stainless steel banding with buckles attached through the slots in the Bracket.

6. Bolt the FlagTrax Track to the Support Arm Bracket with the x2 m6 x 65mm stainless steel bolts with locking nuts (c). The head of the bolts must be positioned into the aluminium extrusion with the bolt passing through the extrusion and bracket (Fig 1). i.e. The nuts must be above the support arm. Secure and tighten.

Step 2. Installing the FlagTrax

1. Carefully raise the FlagTrax Track and Support Arm Bracket at the desired height. Strap to the pole with the 19mm stainless steel banding loops that have been pre-attached to the Bracket.

2. Secure the FlagTrax Track to the pole with the 12mm stainless steel banding loops that have been pre-attached down the length of the track.

3. Re-insert the PushPull Rod into the track. (A flag manufactured with approved FlagTrax Slider Tape and fittings can be installed at this time if desired).

* Care must be taken of the PushPull Rod when not fitted to the aluminium track. It must not be coiled or bent with less than a 500mm radius (i.e. minimum coil diameter 1.0m) when flags are being raised or lowered, and wherever possible must be stored inside the aluminium track. If this is not possible, it must not be stored in coils with less than a 750mm radius (i.e. minimum coil diameter 1.5m), and must not be distorted, twisted, crushed, stored in direct sunlight, or near any heat source etc.
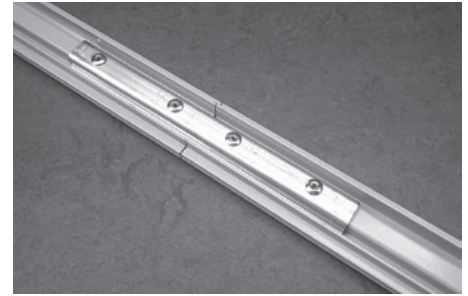

Fig 2 - Track drilled and riveted together

Using Stainless Steel Banding

Please note: The following recommendation for FlagTrax Support Arm Bracket installation has been received from the world's leading manufacturer of stainless steel banding: BAND-IT-INDX. Inc. (USA)

"Each wrap (3 on the bracket) use C20499 (appropriate length), double wrapped and sealed with a C25499 buckle. Double wrapping is important in this application because the wind load on the flag will tend to stress the buckle in a single wrap configuration. This could potentially cause the buckle teeth to tear the band. Double wrapping provides a barrier against tearing. See our installation instructions for double wrapped band.
Because of the many variables involved, we always require the customer to verify the application."
(Subsequent note: 19.1mm strapping is preferred for bracket strapping)
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See this link for instructions on using Stainless Steel BAND-IT® Band: http://www.band-it-idex.com/en/Literature/Tool_Instructions/C00169bandinginstructions.pdf

Note:
Because of the numerous variables involved in the siting, supporting, installation, fixing and use of FlagTrax systems, purchasers/installers/users must satisfy themselves of the suitability of all aspects of the product (i.e. tracks, rods, fittings, brackets, fixings and all other associated products, whether supplied by us nor not),and its application.