

Instruction sheet for Fixture Outrigger Bracket+; FOB

IMPORTANT

Please read and understand these instructions prior to assembly, installation, and use of this equipment. Failure to do so could lead to property damage and/or serious personal injury. If any questions arise, please call us at 864-675-6146.

Assembly and Installation of Fixture Outrigger Bracket+; P/N FOB; Maximum capacity – 100 lbs.

1. Confirm that the railing, guardrail, lighting position, etc. is strong enough to support the load. You may need to consult a structural engineer. FOB is to be used with structures made of 1 1/2" Schedule 40 steel pipe with an outside diameter of 1.9." Productions Unlimited, Inc. is not responsible for the railing to which the Fixture Outrigger Bracket (FOB) is attached.
2. Assemble Half Clamp inside the channel of the Bracket Backbone through the slot provided, using 1/2" Hex Head Bolt, 1/2" Square Steel Spacer, Washer and Nylon Insert Locknut as indicated in figure below. Leave slightly loose for positioning to lower rail during installation.
3. Assemble 26 in. Support Pipe to Bracket Backbone by placing a 3/4"-10 x 2" Hex Head Bolt with a 1/2" Split Lock Washer through the larger hole in the 3/16" Rectangular Steel Spacer. Then, place the 3/4" Hex Head Bolt & Spacer inside the channel and insert the 3/4" Hex Head Bolt through one of the holes in the Bracket Backbone at the height desired. Thread to hand tight. Insert the 1/2"-13 x 2" Hex Head Bolt through the smaller hole of the Rectangular Steel Spacer and the Pipe Attachment Flange. Thread the 1/2"-13 Nylon Insert Locknut onto the 1/2" Hex Head Bolt and tighten. Then tighten the 3/4" Hex Head Bolt until the Split Lock Washer is fully compressed. **THE 3/16" RECTANGULAR STEEL SPACER PLATE MUST BE USED.** (See "exploded side view" in fig. below).
4. Install hooks over the 1-1/2" diameter top rail and be sure that it is completely seated down onto rail.
5. After hooks are seated onto the top rail, align bracket so that it is plumb, tighten Half Clamp to lower rail, then tighten Nylon Insert Locknut connecting the Half Clamp to the Bracket Backbone.
6. Secure a safety cable from the attached item to the railing structure itself **DO NOT USE THE HOLE AT THE TOP OF THE BRACKET FOR THE SAFETY CABLE RUNNING TO THE INSTRUMENT**, this hole is provided for a safety of the FOB to the structure only, if required.
7. Confirm that the entire load to be suspended from or attached to the FOB does not exceed the stated maximum capacity of 100 lbs.
8. Hang fixture or other item on outrigger and tighten its clamp.

Parts list

- (1) Bracket Backbone
- (1) 26 in. Support Pipe w/ End Cap & Pipe Attachment Flange
- (1) Half Clamp
- (1) 3/16" Rectangular Steel Spacer
- (1) 1/2" Square Steel Spacer
- (1) 3/4"-10 x 2" Hex Head Bolt
- (1) 3/4" Split Lock Washer
- (2) 1/2"-13 x 2" Hex Head Bolt
- (1) 1/2" Flat Washer
- (2) 1/2" Nylon Insert Locknut

Exploded View

