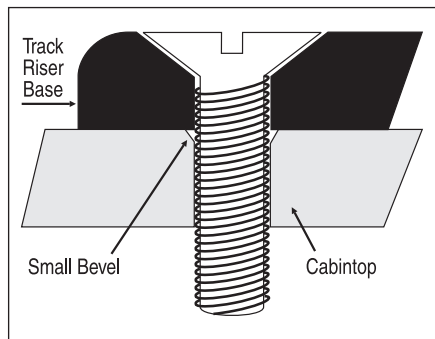


Step 3: Mounting Bases



Drill into cabintop and clean any drilling dust from holes.

Tip: Before applying sealant to screw holes, “dry fit” all parts to check hole positions. If necessary, loosen six screws holding track to risers, shift and tighten.



Tip: For a better seal, use a pen knife to make a small bevel at top of hole to allow sealant to mass there.

Apply sealant and insert screws through bases and into cabintop.

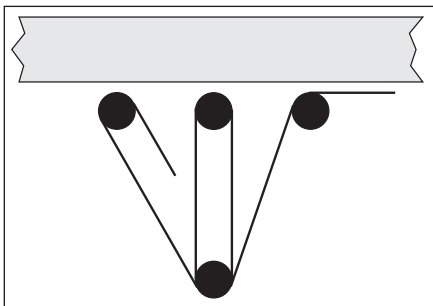
Use appropriate backing plate. Tighten securely using washers and nuts. Use thread-locker or locknuts.

Step 4: Assembling Risers



Fasten risers to bases by inserting stainless posts and pressing snap rings in place.

Converting from End-Boom to Mid-Boom Sheeting



If you are converting from end-boom to mid-boom sheeting, carefully consider the increased load on your boom.

Consult with your sparmaker if you are unsure of the strength of your boom. Many mid-boom sheeting arrangements use two or three attachment points on the boom to spread the mainsheet load.

HARKEN®

INSTALLATION SHEET

1849 Track Risers

1251 East Wisconsin Avenue • Pewaukee, WI 53072 U.S.A.
Telephone: (262) 691-3320 • Fax: (262) 691-3008
Web: www.harken.com • Email: harken@harken.com

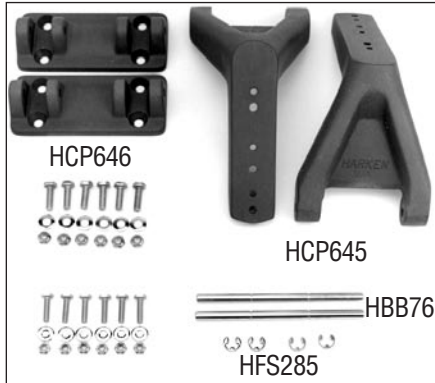
Do not use risers with mainsails over 550 ft² (50 m²) mid-boom or with mainsails over 650 ft² (59 m²) end-boom.



Track risers permit easy installation of mid-boom travelers that need to be raised to clear companionway hatches.

Risers articulate to allow use with either straight or curved track and to fit deck crown. They accept either 1618 Midrange or 3156 Big Boat track.

Included in Kit



- 2 Bases HCP646
- 2 Riser Legs HCP645
- 2 Stainless Posts HBB76
- 4 Snap Rings HFS285
- 12 Hexhead bolts, washers and locknuts for attaching track to riser.

Bolt Sizes:

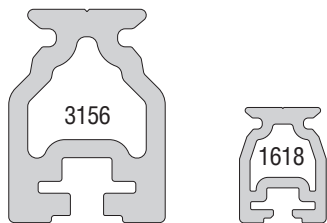
1618 MIDRANGE TRACK

1/4" (6 mm) x 1" (25 mm)

3156 BIG BOAT TRACK

5/16" (8 mm) x 1" (25 mm)

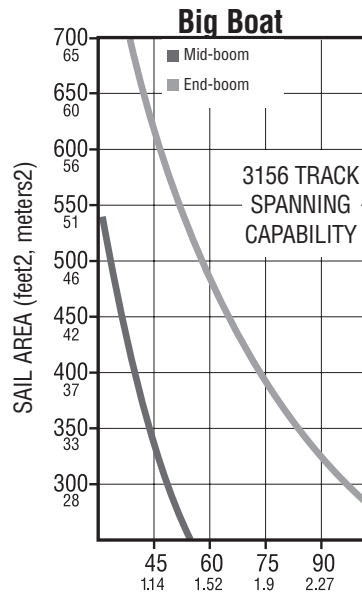
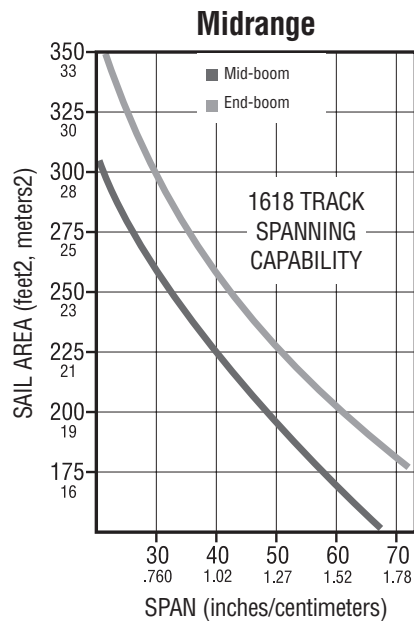
Track at 1/2-Scale



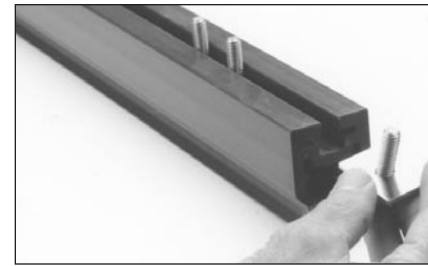
You Must Purchase

- 8 3/8" (10 mm) Flathead screws, washers, and nuts or locknuts. Screws to be long enough to fasten 1849 base to cabin top.
- 1 Blue Loctite® or similar thread-locker if standard nuts are used.
- 2 Aluminum or stainless steel backing plates.

Max. Unsupported Track Span

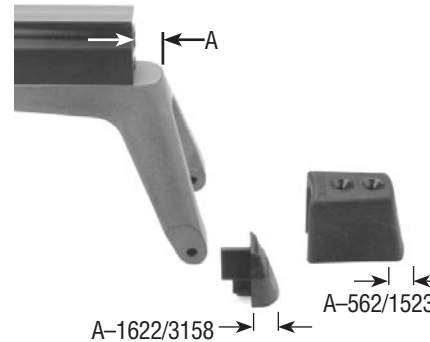


Step 1: Attaching Track to Risers



Slip three hexhead bolts into the track slider washers and into the track groove. Track slider washers are packaged with the 1618 or 3156 track.

Line up the screw with the correct holes in the riser.



Note: Leave space on the riser top, outboard of the track, for the trim cap or endstop.

For distance "A" above, leave:

- 1622 Midrange Trim Cap 3/4" (19 mm)
- 1523 Midrange Endstop 1/4" (6 mm)
- 3158 Big Boat Trim Cap 1" (25 mm)
- 562 Big Boat Endstop 1 1/16" (17 mm)



Secure with washers and locknuts. Repeat for other side.

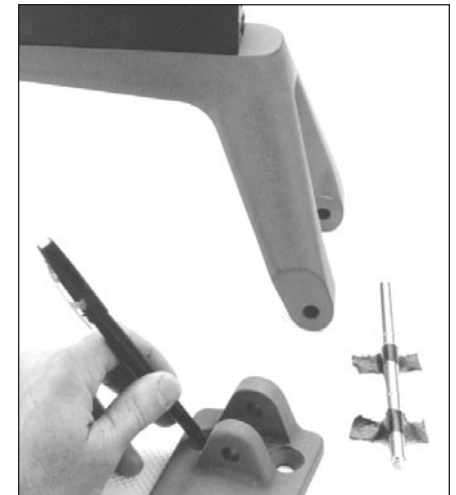
Step 2: Matching Hole Position



Install bases to riser legs using stainless posts but do not install snap rings at this time.

Tip: Put tape over ends of base so pin does not slide out and roll into water.

Place track assembly on cabintop and position as desired.



Mark out two holes of each of track riser bases.

Remove stainless posts and position each base on deck and mark inner two holes.