HARKEN®

INSTALLATION SHEET

Control Blocks and Tangs

1512, 1513, 1514, 1515, 1797, 1798, 1799, 1845, 1935

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INSTALLATION INSTRUCTIONS

1) Use a phillips-head screwdriver to remove and save screws from top of car.

2) **Do not remove plastic set screws.**

3) Put a few drops of blue Loctite® (included) on each screw and install blocks or tangs. Tighten screws firmly.

Mounting Fasteners Included with Car:

Midrange Cars — 1624, 1625, 1640, 1641
Fasteners – M6 x 1 x 12mm Phillips-head screws

Big Boat Cars – 3160, 3161, 3163, 3165, 3167
Fasteners – M6 x 1 x 12mm Phillips-head screws

End Control Compatibility

Mid-Range Traveler System

Fits Mid-Range Traveler Cars – 1624, 1625, 1640, 1641
Mid-Range Genoa Lead Cars – 1537, 1599
Big Boat Traveler Car – 3160, 3163

Mounted on Car	Max Line Size	Purchase	End Control
1512 Tang	—	1:1	1631/3168
1513 Single block	3/8" (10 mm)	2:1	
1514 Single w/becket	3/8" (10 mm)	3:1	1632/1633 3169/3170/3171
1515 Double block	3/8" (10 mm)	4:1	

End Control Compatibility

Big Boat Traveler System

Fits Big Boat Traveler Cars – 3160, 3161, 3163, 3165, 3167

Big Boat Genoa Lead Cars – 554, 587, 1873, 1874

Mounted on Car	Max Line Size	Purchase	End Control
1797 Single block	3/8" (10 mm)	2:1	3168/3173
1798 (1514) Single w/becket	3/8" (10 mm)	3:1	3169/3170 3174/3185
1799/1845 (1515) Double block	3/8" (10 mm)	4:1	
1845 w/1512 Double w/becket	3/8" (10 mm)	5:1	3186
1935 Triple block	5/16" (8 mm)	6:1	3186

Maintenance

Harken equipment is designed for minimal maintenance, but some maintenance is required to give the best service and to comply with the Harken limited warranty.

In general, the most important aspect of maintenance is to keep your equipment clean by frequently flushing with fresh water.

In corrosive atmospheres, stainless parts may show discoloration around holes, rivets and screws. This is not serious and may be removed with a fine abrasive.

With the exception of winches, do not use grease unless specifically recommended in the instruction sheets.

Many Harken products are provided with specific instruction sheets that detail maintenance procedures. Instruction sheets are available at no charge by contacting Harken or a Harken distributor.

Traveler Cars: Keep traveler cars clean by frequently flushing with fresh water. Periodically clean cars by squirting a detergent/water solution into the car's center openings. Roll the car back and forth to distribute evenly and then flush bearings with fresh water. This maintenance is very important, particularly when the cars haven't been in use.

Do not use spray lubricants because ball bearings may skid instead of roll. If you use a light machine oil such as 3-in-1, use only a half-drop in each ball race. Too much oil attracts dirt.

Clean track with detergent and water.

Frequently inspect shackles and control block fittings for signs of fatigue. Make sure every installation includes Harken track end stops. Arrange control tackle so cars do not hit end stops under load.

Warranty

See Harken catalog for full maintenance and warranty information.

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