

# 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 16mm 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

**Traveler Cars:** Clean by frequently flushing with fresh water. Periodically clean car by squirting a detergent/water solution into center openings. Roll car back and forth to distribute evenly then flush bearings with fresh water.

Do not use spray lubricants because ball bearings may skid not roll. Apply one to two drops of McLube® OneDrop™ to ball contact surfaces of track. Roll car back and forth through OneDrop™ several times to distribute onto bearings. Wipe remaining OneDrop™ off track. OneDrop™ is preferred but you can also use one to two drops of a light machine oil. Too much oil attracts dirt.

**Track:** Clean with detergent and water.

**Important! Exposure to some teak cleaners and other caustic solutions can result in discoloration of part and is not covered under the Harken warranty.**

## Warranty

For additional safety, maintenance and warranty information see [www.harken.com/manuals](http://www.harken.com/manuals) or the Harken® catalog.