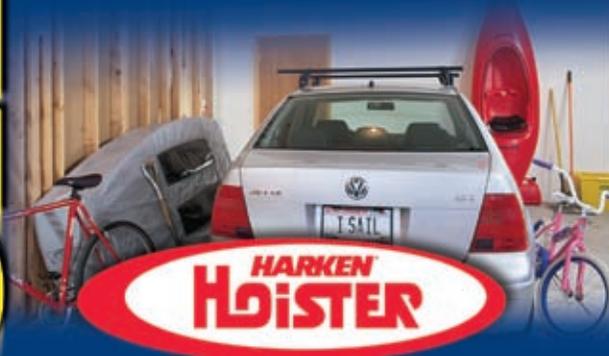


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Maximum Load
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HARKEN Hoister BIKE LIFT 7800

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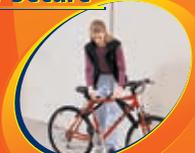
3 Store



2 Lift



1 Secure



Maximum Load:
45 lbs (20 kg)

Bike/Utility Lift — Installation/Operating Instructions



WARNING! Strictly follow all instructions to avoid an accident, damage to property, personal injury or death. See www.harken.com for additional safety information.

NEVER USE TO LIFT A PERSON

Specifications

Max lifting load: 45 lb (20 kg)

Min lifting load: 10 lb (4.5 kg)

Max vertical lift: 8 ft (2.4 m)

Mechanical advantage: 2:1

Parts List

- 1 Self-locking cleat
- 1 Strap assembly (lower pulley and buckles)
- 21' $\frac{3}{16}$ " (4.8 mm) rope with sewn loop
- 1 Pigtail lag screw

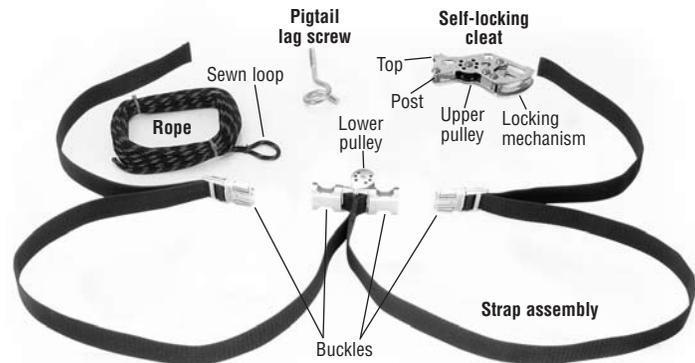
Part No.

7752

HCP1458

HCP1451

HCP1444



Tools Needed

Electric/hand drill; Drill bit $\frac{7}{32}$ " (5.5 mm); Stepladder; Safety glasses
Stud finder (available at a building supply store if necessary)

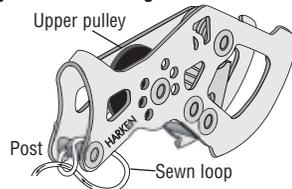
Warranty

The Harken Hoister is covered by a 5-year limited warranty. The warranty covers the Hoister pulleys when used in accordance with installation instructions and weight limits specified in instructions, but does not include rope, straps or buckles. Harken is not responsible for proper and safe installation of the Hoister in various overhead materials. Consult a professional contractor to assure safe installation. **CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE NOT RECOVERABLE UNDER THIS WARRANTY.** Some states do not allow the exclusion or limitation of incidental damages, so the above limitation or exclusion may not apply.

Installation

Please refer to photo/diagrams for terms. Unpack all parts and completely unwind rope.

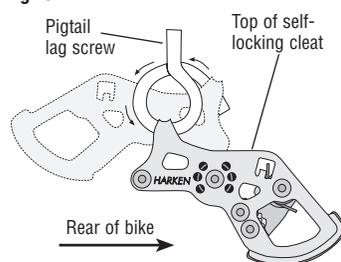
Fig. 1 Self-locking cleat



Attach Lower Pulley

Pass rope through lower pulley on strap assembly. Thread rope back between post and upper pulley. Hold locking mechanism open. Feed rope around upper pulley, and out through locking mechanism.

Fig. 3



Operation

Attach Bike/Other Items

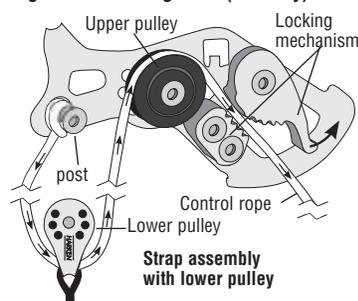
Place item directly under lifting system and unbuckle strap assembly.

Bicycles: Thread one buckle through rear wheel and frame and fasten. Thread other buckle through front wheel (behind fork), and around frame and fasten.

Attach Rope to Cleat

Start at bottom of self-locking cleat. Pass sewn loop between post and upper pulley and around post. Allow sewn loop to protrude slightly from cleat. Thread rope through loop. Tighten.

Fig. 2 Self-locking cleat (cutaway)



Install Hoister

Use stud finder to locate trusses/rafters, if not visible, (follow stud finder instructions). Drill a $\frac{7}{32}$ " (5.5 mm) hole into truss/rafter above balance point of load. Screw pigtail lag screw threads all way into truss/rafter. Orient lag screw so end of rope points toward rear of bike. Slip top of self-locking cleat over end of pigtail lag screw. **Always wear safety glasses!**



Other items: Thread buckles around and/or through a solid connection point (i.e. rungs of a ladder). Fasten buckles and **adjust strap lengths to balance load.**



Raise Object

WARNING! Do not raise or lower with anyone standing under object. Keep area below Hoister clear. If the load falls it may cause an accident, damage to property, personal injury or death.

WARNING! This product is not to be used for human suspension. Components may fail causing person to fall, possibly resulting in serious injury or death.

Hoist in a series of pulls. Pull single black/red hoisting rope (F) straight down. When rope points down cleat will lock rope. You can release it. Repeat until object is at desired height.

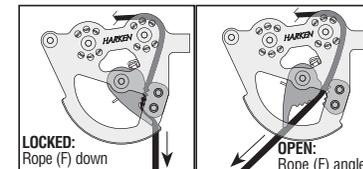


DIAGRAM 1. Locked (left): Single black/red hoisting Rope (F) pointed straight down locks cleat. Open (right): Angled rope opens cleat.

WARNING! Stop pulling as soon as object contacts ceiling or webbing strap knots stop at pulley (D). Damage or injury may result from forcing the system. If in doubt, stop hoisting, allow cleat to lock by angling rope down. Stand back to see if object is raised to the maximum or if something is jamming rope or object.

With object in raised position make sure single black/red hoisting rope (F) is securely locked in cleat with rope pointed down (see Diagram 1). Coil loose rope end. Hang coiled rope for storage when system is not in use.

WARNING! Hang coiled rope where it will not accidentally snag on persons or vehicle. Keep coiled rope out of reach of children. Damage or injury may result if rope is angled away from wall with some tension; the object can come down very quickly which may cause an accident, damage to property, personal injury or death.

Lower Object

Securely grip rope, apply tension and angle it away from object. Bring arm up to let rope out and then back towards object to lock rope. Repeat until object is at desired height.

WARNING! When operating system, make sure area below object is clear of persons. If object comes down too quickly this may cause an accident, damage to property, personal injury or death.

Tip: Use gloves to protect hands.

CAUTION! Avoid injury, do not let rope slip through hands. Angle rope to object to lock rope.

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