

HARKEN®

INSTRUCTIONS

T32KIT.HL

Fits High Load End Controls: E32.HL. Fits Genoa Leads:- G32
Fits T32/T32.HL Two Toggle Cars: T32X4 Series

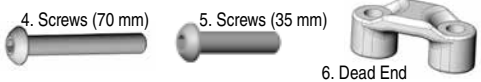
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Strictly follow all instructions to avoid an accident, damage to your vessel, personal injury or death. See www.harken.com/manuals for additional safety information.

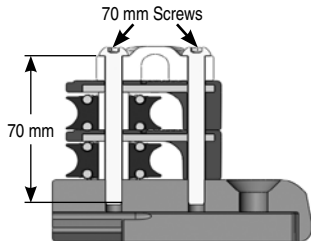
Parts List

No.	Item name	Qty	Part No.
1	Sideplate (Control) 40 mm	4	H-52429
2	Inner Race – 40 mm ESP	4	H-28934A
3	Sheave Assembly 40 mm	4	H-27352A
4	M8X1.25X70 mm Socket Buttonhead	4	HFS368
5	M8X1.25X35 mm Socket Buttonhead	8	HFS370
6	Dead End	2	H-52438
7	Blue Loctite® (Not Shown)	1	833



8 mm x 70 mm Screws

70 mm length screws are provided to fit a stack of two 40 mm sheaves and a deadend for mounting on the E32.HL end control.



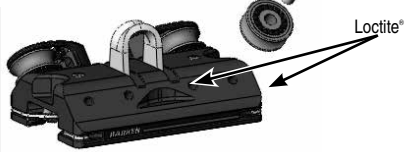
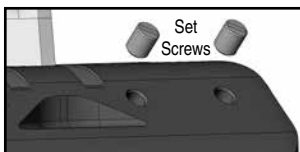
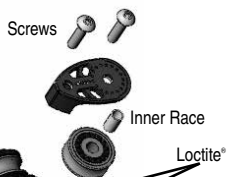
Series or Part Number	Configuration	Screw Length		Screw Number
		in	mm	
Cars				
T32.HL Series/2 Toggles	Sheave	1 ³ / ₈	35	HFS370
	Dead End	1	25	HFS376
End Controls				
E3220.HL	Single Sheave	1 ³ / ₈	35	HFS370
E3230.HL	Single Sheave/Dead End	1 ³ / ₄	45	HFS371
E3240.HL	Double Sheave	2 ¹ / ₁₆	55	HFS372
E3250.HL	Double Sheave/Dead End	2 ³ / ₄	70	HFS368
Genoa Leads				
G323B	Single Sheave/Dead End	1 ³ / ₄	45	HFS371
G324B	Double	2 ¹ / ₁₆	55	HFS372

Shorten Screw Length

Refer to chart for correct length. To shorten screw, find/purchase a 8 mm nut and screw it onto the screw so it will be on the side that will be retained. Cut the screw and clean up threads by removing nut. Remove any burrs using a file.

Install Sheave or Dead End

Make sure screw is correct length. Remove set screws or dead end. Put a drop of blue Loctite® into threaded holes. Mount dead end or sideplate, sheave, and inner race to car using screws provided. Make sure sheaves are to the outside.



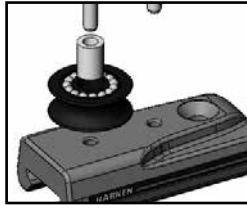
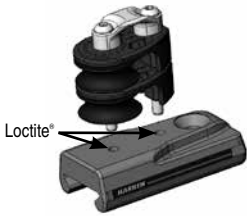
Caution! Do not stack two blocks on mainsheet traveler cars. Do not stack dead end on top of sheave. This will weaken the control assembly and can lead to a blocks or dead end breaking, possibly resulting in injury and damage to equipment.

Tip: Capture eyesplice into dead end before installing.

Assembling E32.HL End Controls

Stack no more than two sheaves and a dead end. Be sure to include the inner race when assembling. Apply blue Loctite® to threaded holes in car.

Tip: Capture eyesplice into dead end before installing.

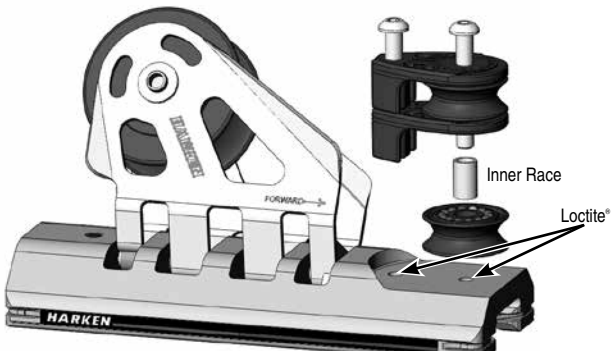


Be sure to use inner race with sheave assembly.

For reeving instructions go to:

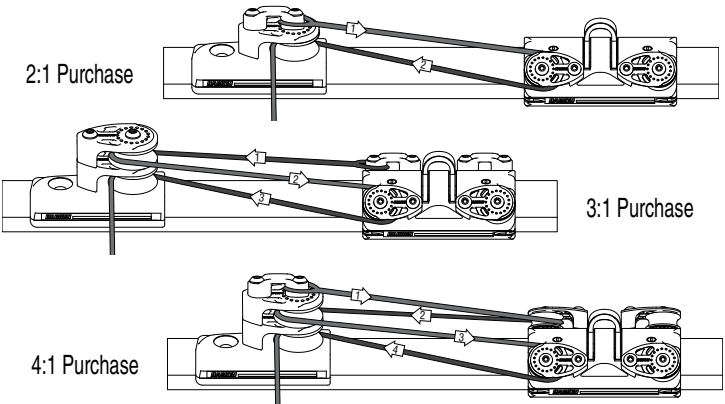
Assembling Sheave or Dead End on G32 Genoa Lead Cars

Make sure screw length is correct. Mount combination of two sheave assemblies or dead end/sheave assembly. Apply blue Loctite® to threaded holes in car.



Tip: Capture control line eyesplice onto dead end before installing.

Reeving Cars and End Control Blocks



Loctite® is a registered trademark of Henkel AG & Company KGaA.

McLube™ is a trademark of McGee Industries, Inc.

OneDrop™ is a trademark of McGee Industries, Inc.

Inspect

Frequently inspect line for deterioration and replace as necessary. Check block for signs of wear.

Maintenance

Travelers and Genoa Lead 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 or the Harken® catalog.

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