

548, 562 Traveler Endstop Set Fits track: 3159, R32, R32HB

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Drill bit: 8.5 mm ($2\frac{1}{64}$ ")

Fasteners - 8 mm ($\frac{5}{16}$ ")
flathead stainless steel
machine screws.



Length - Add to height dimensions below.

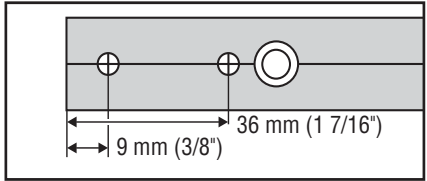
548 Endstop Through-Bolt

IMPORTANT! Hole placement differs between 3159 and R32 tracks. See below.

If shortening track, plan cut location to use or avoid existing holes.

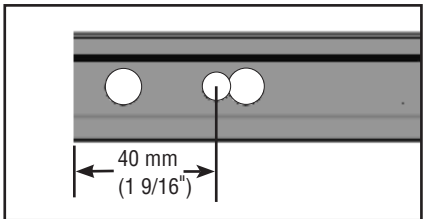
3159 Low beam track

Drill holes as shown.

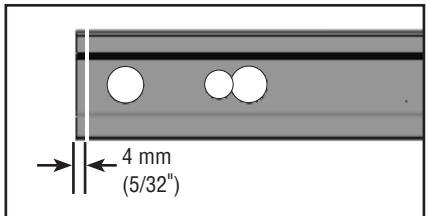


R32 Low beam track

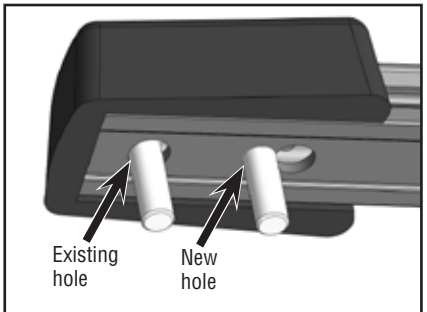
1. Drill (1) one hole from underside of track located 40 mm ($1\frac{9}{16}$ ") from end of track.



2. Cut 4 mm ($\frac{5}{32}$ ") from end of track.

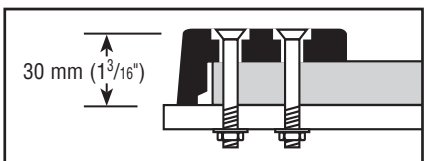


The outboard fastener will bear against outboard side of existing hole.



3159 and R32 low beam track - Use two 8 mm ($\frac{5}{16}$ ") flathead machine screws.

Through-bolt endstop using washers and locknuts.



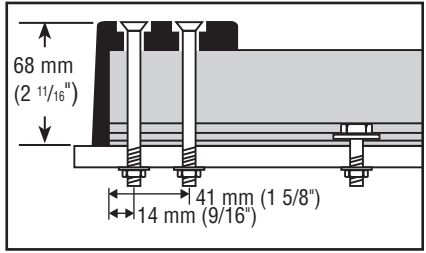
Note: Bolt track down and place traveler car on track before securing endstops.

562 Endstop Through-Bolt

R32HB high beam track

Drill holes as shown at right. Use two 8 mm ($\frac{5}{16}$ ") flathead machine screws.

Through-bolt endstop using washers and lock-nuts.

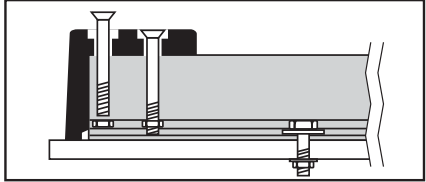


Note: Bolt track down and place traveler car on track before securing endstops.

R32HB high beam track

Slip two 8 mm ($\frac{5}{16}$ ") hex nuts into the channel in under surface of track.

Use 8 mm x 63 mm ($\frac{5}{16}$ -18 x $2\frac{1}{2}$ ") flathead stainless steel machine screws. Fasten endstop to track.

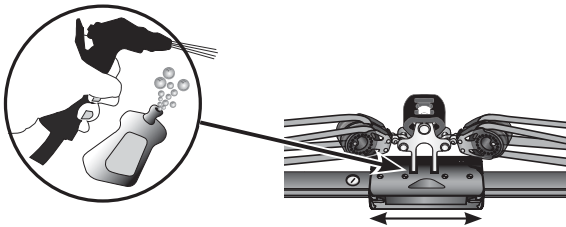


Inspect

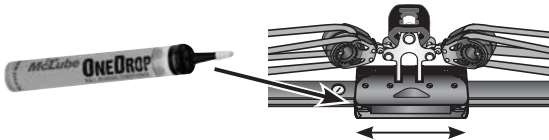
Frequently inspect fasteners, car shackles and control block fittings for signs of fatigue and replace as necessary. Make sure every installation includes Harken track endstops. Arrange control tackle and use stop knots so cars do not hit end stops under load.

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. Flush bearings with fresh water.



Do not use spray lubricants because ball bearings can skid, not roll. Once car and track are dry, apply one (1) to two (2) drops of McLube® OneDrop™ ball bearing conditioner to ball contact surfaces of track. Roll car back and forth through OneDrop conditioner several times to distribute onto bearings. Wipe remaining OneDrop off track. OneDrop conditioner is preferred, but you can also use one (1) to two (2) 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.

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Warranty

For additional safety, maintenance and warranty information see www.harken.com or the Harken catalog.