

Bike storage in Glasgow tenements: how to install a bike pulley



1

What you will need

The pulley, 3 x 20mm screws (for the number of holes in the pulley brackets) and four 5 x 70mm screws. Wooden plank (9cm x the length from Step 1 plus 25 cm). Pencil, decorators caulk, tape measure, pipe and cable detector (not shown), drill and drill bits to fit the screws.



2

Find the joists

After checking for pipes and cables with a detector, drill into the ceiling at multiple points until you feel some resistance from the timber joists. Measure the distance between the centre points of two parallel joists. The holes can be filled with decorators caulk and painted over later.



3

Measure your bike

Measure the width of the handlebars and length from the handlebars to the back of the saddle.



4

Attach the plank to the ceiling

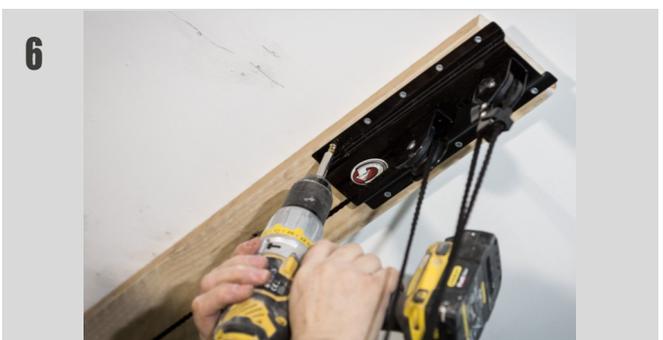
Attach the plank to the ceiling at the joists using two 5 x 70mm screws at each end of the plank.



5

Thread the cord through the pulley

Thread the cord through the pulley wheels at the brake end first and tie a double knot once you've threaded through the last hole on the second bracket. Thread the other end of the cord through the brake mechanism.

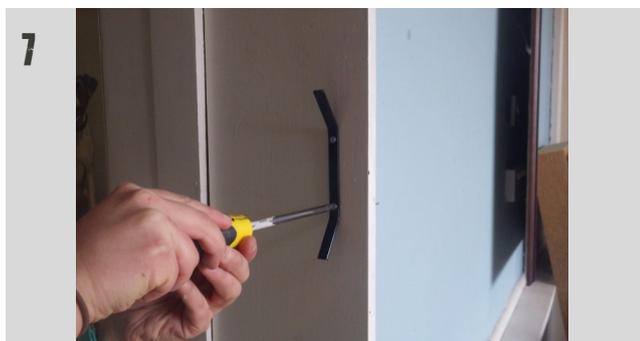


6

Attach the pulley brackets to the plank

Attach the pulley brackets to the plank with 3 x 20mm screws. The distance between each pulley wheel should be the same as that between the handlebars and saddle. You may find it helpful to have someone else holding one bracket while you screw in the other one.

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Fix the cord bracket to the wall

Mark and drill pilot holes where you want the cord bracket to be on the wall. This keeps the pulley cord tidy.



Attach the pulley hooks to your bike

Attach each pulley hook to the handlebars and back of the saddle and hoist the bike up with the pulley cord. Ensure the brake is on and wrap the remaining cord around the cord bracket.

Things to think about

- Take care on ladders - ensure the ladder is safe to use and that the legs are fully extended. Have a friend hold the ladder to steady it whilst you work and avoid standing on the top three steps.
- Make sure that the pulley cord is wrapped around the cord tidy when the bike is stored away and not left dangling otherwise it could pose a risk to children and pets.
- The pulley has a brake mechanism to stop the bike coming down but for added peace of mind you could also tie a knot in the cord just after the brake.

More information

South Seeds has produced a series of guides showing how to install different types of bike storage in your tenement flat. Download these and more at www.southseeds.org/projects/supporting-cycling-in-the-southside.

This guide was produced by South Seeds in readiness for the South City Way. The South City Way is a new active and sustainable travel corridor running from Queen's Park to the city centre. For more information about cycling in Glasgow visit www.glasgow.gov.uk/cycling.

For more information about what South Seeds does, or if you have any questions, you can visit our office at 514 Victoria Road, Glasgow G42 8BG, telephone on 0141 636 3959, email info@southseeds.org, visit www.southseeds.org, or check us out on Facebook.com/SouthSeeds or @SouthSeeds on Twitter.