

Thanks for buying a Problem Solvers Clamp-On Cable Hanger! We're always looking to provide the products that allow you to configure your bike any way you want. Get smooth braking power and keep your headset adjusted during stem swaps with this great cable hanger.

**⚠ WARNING:** Cycling can be dangerous. Bicycle products should be installed and serviced by a professional mechanic. Never modify your bicycle or accessories. Read and follow all product instructions and warnings including information on the manufacturer's website. Inspect your bicycle before every ride. Always wear a helmet.

For additional technical and safety information, visit:  
[www.problemsolversbike.com/safety](http://www.problemsolversbike.com/safety)

### INTENDED USE



Problem Solvers Clamp-On Cable Hangers are intended for use on roads and paved trails as well as ASTM Condition 2 use. This includes smooth paved roads, unpaved and gravel roads, and trails with moderate grades where loss of contact with ground may occur but drops are less than 6" (15cm).

For complete ASTM guidelines, and additional product safety information, please visit [problemsolversbike.com/safety](http://problemsolversbike.com/safety)

### CABLE HANGER WITH NOODLE

Compatible with either 1" (25.4mm, BR3358, BR3359) or 1-1/8" (28.6mm, BR3360, BR3361) steerer tubes. Clamps to threadless steerer tube below the stem. 20mm drop and 10mm extension clears most headsets.

### CROSS CABLE HANGER W/ BARREL ADJUSTER

Compatible with 1-1/8" (28.6mm, BR3362 and BR3363) steerer tubes. Clamps to threadless steerer tube below the stem. 35mm drop and 10mm extension clears most headsets.

**⚠ WARNING:** Not compatible with threaded steerer tubes.

**⚠ WARNING:** This cable hanger is designed for use with cantilever brake systems and a traditional straddle cable. In the event of a cable failure with these systems, the straddle wire may fall into your tire causing a sudden stop that could lead to a crash causing serious injury. We STRONGLY RECOMMEND the use of a reflector bracket that extends beyond and under the straddle wire and cable hanger to prevent the straddle cable or cable hanger from making contact with the tire in the event of brake cable slippage or failure.

**NOTE:** Check with the manufacturer of your fork for specific requirements for both maximum number of spacers below the stem and/or above the stem. Adding this 10mm-tall cable hanger may change the existing number and height of spacers that is appropriate for the fork, or require an adjustment of spacer choice when installing it.

### TOOLS

4mm hex wrench

Torque wrench that measures in Nm

## INSTALLATION

### CABLE HANGER WITH NOODLE

1. With a fork and headset installed per the manufacturer's instructions, place the Problem Solvers Clamp-On Cable Hanger with Noodle over the steerer tube above the headset's upper cup.
2. Place the appropriate number of headset spacers above the Cable Hanger per the fork manufacturer's specifications.
3. Place the stem above the spacers and proceed to cut the steerer per the fork manufacturer's instructions, or ensure that the combination of the Cable Hanger with Noodle, headset spacers, and stem allow the headset to be correctly adjusted per the headset manufacturer's instructions.
4. Adjust the headset per the manufacturer's instructions. Once adjusted, center the hanger in the middle of the fork's crown and tighten the 4mm bolt on the Cable Hanger to 8Nm.
5. Tighten the stem per the stem manufacturer's instructions.
6. Install the front brake per the brake manufacturer's instructions. Insert the cable through the plastic cable guide, and the housing through the noodle.

### CROSS CABLE HANGER W/ BARREL ADJUSTER

1. With a fork and headset installed per the manufacturer's instructions, place the Problem Solvers Clamp-On Cable Hanger with Barrel Adjuster over the steerer tube above the headset's upper cup.
2. Place the appropriate number of headset spacers above the Cable Hanger per the fork manufacturer's specifications.
3. Place the stem above the spacers and proceed to cut the steerer per the fork manufacturer's instructions, or ensure that the combination of the Cable Hanger with Barrel Adjuster, headset spacers, and stem allow the headset to be correctly adjusted per the headset manufacturer's instructions.
4. Adjust the headset per the manufacturer's instructions. Once adjusted, center the hanger in the middle of the fork's crown and tighten the 4mm bolt on the Cable Hanger to 8Nm.
5. Tighten the stem per the stem manufacturer's instructions.
6. Install the front brake per the brake manufacturer's instructions. Line up the grooves in the two knurled rotating barrel adjuster pieces and the front of the hanger to install the cable and housing.

## ONGOING MAINTENANCE

**⚠ WARNING:** Improper installation of bolts may lead to product failure, causing serious injury. Do not exceed specified torque values. Periodically check to make sure the Clamp-On Cable Hanger is properly secured to the steerer tube. If the product has been damaged, return it to the shop where it was purchased to be inspected by a professional bicycle mechanic.

## WARRANTY PROCESS

If you and your shop think your Problem Solvers product is worthy of a warranty inspection, please return the product to the original place of purchase, accompanied by a sales receipt.

For complete warranty information, visit [problemsolversbike.com/safety](http://problemsolversbike.com/safety)