



## PS SM5701 Handlebar Clamp Shim Instructions

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### SM5701 Handlebar Clamp Shim



## HANDLEBAR SHIM INSTRUCTIONS

### THANKS FOR PURCHASING A PROBLEM SOLVERS HANDLEBAR SHIM!

This shim will add thickness to a smaller diameter handlebar and make it fit with a larger diameter clamping stem.

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

## COMPATIBILITY

It is critical the right shim is used with the right handlebar and stem. Problem Solvers handlebar shims are available in the following combinations. Confirm your shim matches your handlebar and stem diameters.

Part #	Handlebar Clamp Size	Stem Clamp Size	Shim length
SM5701	25.4 mm	31.8 mm	60 mm
SM5700	22.2	31.8	60
SM0498	26.0	31.8	60

Problem Solvers handlebar shims are NOT compatible with carbon handlebars and/or stems. Check with handlebar and/or stem manufacturer for shim compatibility.

## INTENDED USE



Intended for ASTM 3 conditions. This is a set of conditions for the operation of a bicycle on a regular paved surface, unpaved and gravel roads and trails with moderate grades with irregular terrain where loss of tire contact with the ground may occur. As well as rough trails and unimproved trails that require technical skills. Jumps and drops are intended to be less than 61cm (24").

## TOOLS REQUIRED

- Hex and Torx wrenches (as required by the stem manufacturer)
- Torque wrench
- Grease

## INSTALLATION:

1. Loosen and remove the stem bolt(s) that tighten the stem clamp around the handlebar. For a stem with a removable faceplate, remove the faceplate.
2. Place the Problem Solvers handlebar shims over the handlebar's clamping area in the center of the handlebar.
3. The gaps between the two shim pieces top, bottom and sides must be evenly spaced for adequate clamping force (fig. 1). Insert handlebar and shims into the stem's clamping area

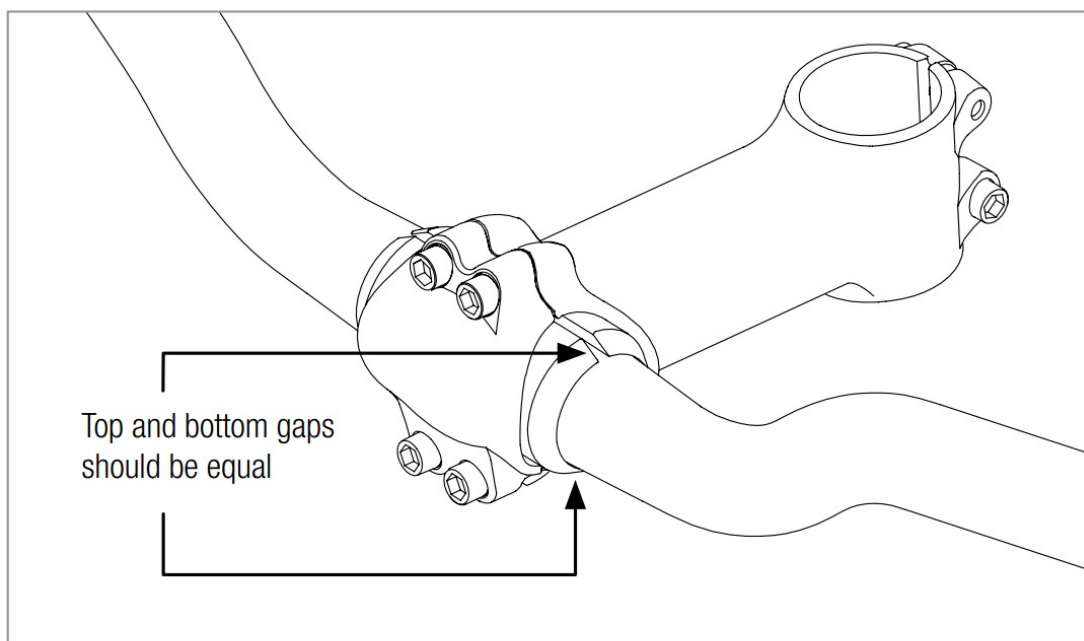


Figure 1

4. Grease the threads of the stem faceplate clamping bolts and reinstall.
5. Tighten the stem faceplate bolts according to stem manufacturer's instructions and torque specifications.

6. Check to make sure the gaps at the top, bottom, and sides of the stem faceplate are evenly spaced.

## ONGOING MAINTENANCE

Periodically check to make sure all stem attachment bolts are properly tightened to the stem manufacturer's torque specifications.



**WARNING:** Improper installation or repeated rotation of mounted components may lead to product failure, causing serious injury. Do not exceed specified torque values. Periodically inspect bolts and retighten if required. If you experience any slippage of the shims or handlebar, stop using your bicycle and take it to a professional bicycle mechanic for inspection.

## 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.

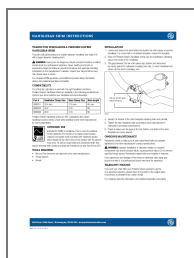
For complete warranty information, visit [problemsolversbike.com/safety](http://problemsolversbike.com/safety)



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## Documents / Resources



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