

The Universal Derailleur Hanger replaces your stripped or broken derailleur hanger when you're out on the trail. It provides you with a portion of your gear range so your journey can continue—it is not meant to be a permanent replacement for a standard derailleur hanger.

WARNING: Read these instructions completely before beginning installation of this product. If you lack the knowledge or tools to perform installation, please have your local professional bicycle mechanic perform the installation. Improper installation can result in loss of control or damage to the bicycle and/or serious injury or death to the rider.

TOOLS:
3 & 5mm hex wrenches

INSTALLATION:

REMOVE DERAILLEUR

Remove the derailleur with a 5mm hex wrench, and then the old derailleur hanger (if possible).

DETERMINE SETSCREW PLACEMENT

If your frame has horizontal dropouts, use a 3mm hex wrench to install the setscrew toward the back of the bike. For vertical dropouts, mount the setscrew in the front (figs. 1 & 2).

INSTALL UNIVERSAL HANGER

Remove the drive-side quick-release skewer nut and thread on the Universal Hanger. It may be easier to turn the non-drive-side lever and hold the Universal Hanger in place. Then clamp the quick-release as with a typical skewer nut (figs. 3 & 4)

INSTALL DERAILLEUR

You can now reinstall your derailleur into the Universal Hanger (fig. 5). Keep in mind that the Universal Hanger forces the derailleur to sit about 6mm outside of where it was before. Be sure to adjust your derailleur's limit screws accordingly. In some cases it may limit your gear range, eliminating use of the largest rear cog.

LIMITED 2-YEAR WARRANTY

This Problem Solvers product is warranted against defects in materials and workmanship for two (2) years, from the original date of retail purchase by the consumer, subject to the limitations detailed below. This limited warranty is expressly limited to the repair or replacement of the original product, at the option of Problem Solvers, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the Problem Solvers product and is not transferable. In no event shall Problem Solvers be liable for any loss, inconvenience or damage, whether direct, incidental or consequential or otherwise resulting from breach of any express or implied warranty or condition, of merchantability, fitness for a particular purpose, or otherwise with respect to this product except as set forth herein.

This warranty does not cover the following:

- Damage due to improper assembly or follow-up maintenance or lack of skill, competence or experience of the user.
- Products that have been modified, neglected, used in competition or for commercial purposes, misused or abused, involved in accidents or anything other than normal use
- Damage or deterioration to the surface finish, aesthetics or appearance of the product
- Normal wear and tear
- Labor required to remove and/or refit and re-adjust the product within the bicycle assembly

This warranty gives the consumer specific legal rights, and those rights and other rights may vary from state to state.



Figure 1 - Setscrew placement for horizontal dropouts



Figure 2 - Setscrew placement for vertical dropouts



Figure 3 - Mounting for horizontal dropouts



Figure 4 - Mounting for vertical dropouts



Figure 5 - Universal Hanger with derailleur installed