

## DERAILLEUR HANGERTECH SHEET

**⚠ 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 product and safety information go to: [www.hellerbikes.com/safety](http://www.hellerbikes.com/safety)

**⚠ 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.

### Remove Derailleur

Remove the derailleur with a 5 mm hex wrench. This is also a good time to inspect and verify derailleur is undamaged and fit for continued use.

### Remove Hanger from Frame

See individual hanger types for required tools for removal.

### Install New Hanger on Frame

See individual hanger types for required tools and installation torque specifications.

### Re-Install Rear Derailleur

After verifying that the derailleur is undamaged and fully functional, re-install the rear derailleur with a 5 mm hex wrench. After rear wheel is installed and the axle tight, adjust derailleur as needed for optimal shifting performance.

## Bloodhound

- Part number FS2900
- Compatible with all 2015–16 Bloodhound bikes and frames
- Tighten to 5 Nm
- Tools required: 2 mm Allen wrench
- Axle compatibility: 12 mm x 1.5TP
- Hardware: (x2) M3\*0.7TP x 16 mmL flat head socket cap screw

## Shagamaw

- Part number FS0400
- Compatible with all 2016 Shagamaw bikes and frames
- Tighten to 5 Nm
- Tools required: 5 mm Allen wrench, chainring bolt tool
- Axle compatibility: 12 mm x 1.75TP
- Hardware: standard chainring bolt M8 x .75TP, 7 mmL
- **NOTE:** threaded thru-axle-type hangers will have a small amount of play on frame when axle is not installed to allow for axle alignment—this is normal. This play will not be present once axle has been installed and tightened.

## Barghest

### FRONT DERAILLEUR HANGER

- Part Number: FS2903
- Compatible with all 2017 Barghest full-suspension frames
- Tighten to 4 Nm
- Tools Required: 3 mm Allen wrench
- Hardware: (x2) M5 x .8 x 20L FHCS bolts

### REAR DERAILLEUR HANGER

- Part Number: FS2901
- Compatible with all 2017 Barghest full-suspension frames
- Tighten to: 4 Nm
- Tools required: 2.5 mm Allen wrench
- Hardware: (x2) M4 x .07TP x 15 mmL

## Warranty Information

Proof of purchase is required before a warranty claim is processed. Heller Bikes therefore strongly encourages warranty registration at [hellerbikes.com](http://hellerbikes.com). Failure to register will not affect consumer rights under the limited warranty, so long as the consumer can show in a reasonable manner proof of original ownership and the date the Heller Bikes product was purchased.

For complete warranty information go to [hellerbikes.com/warranty](http://hellerbikes.com/warranty)