

Master Dropout Instructions

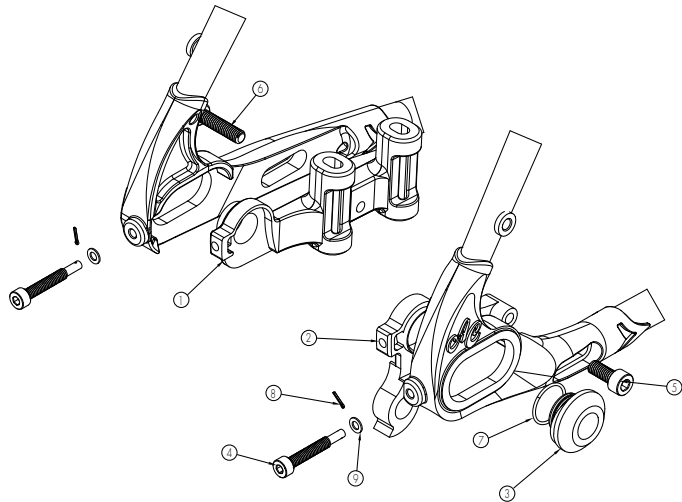
Hello there! Congratulations on your purchase of the All-City Master Dropout, a sliding dropout system consisting of replaceable dropout plates and fixing hardware.

With precise engineering and lasting quality baked into its DNA, the Master Dropout is not designed to be disposable. Meant for use only with compatible All-City models, this support piece allows you to quickly switch between a geared or single-speed setup without requiring additional chain tension adjustments. This makes it possible to use a single frame for two equally excellent cycling experiences.

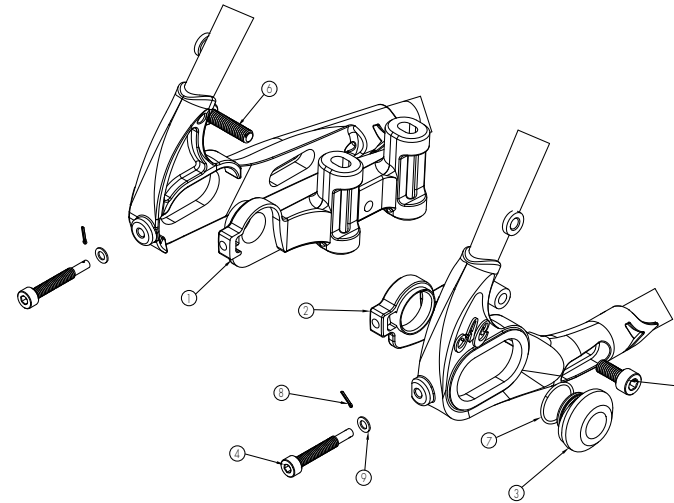
Once installation is complete, consider sending some photos of your stellar bike to info@allcitycycles.com.

From all of us at All-City Cycles, cheers!

ITEM NO.	PART NUMBER	QTY.
1	Master Non-driveside Slider (09-000412)	1
2a	Master Driveside Slider, Geared (09-000484)	1
3	Master Threaded Cap (09-000529)	1
4	Master Socket Screw m4x0.7 (09-000479)	2
5	m5x0.8*8mm Socket Head Screw	1
6	m5x0.8*20mm Socket Head Screw	1
7	12.3x1mm O-Ring	1
8	1/32" Cotter Pin	2
9	Washer m3x6mm	2



ITEM NO.	PART NUMBER	QTY.
1	Master Non-driveside Slider (09-000412)	1
2b	Master Driveside Slider, Single (09-000535)	1
3	Master Threaded Cap (09-000529)	1
4	Master Socket Screw m4x0.7 (09-000479)	2
5	m5x0.8*8mm Socket Head Screw	1
6	m5x0.8*20mm Socket Head Screw	1
7	12.3x1mm O-Ring	1
8	1/32" Cotter Pin	2
9	Washer m3x6mm	2



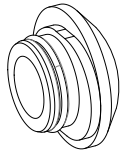
Tools:

- 3 & 4mm hex wrenches
- Needle nose pliers

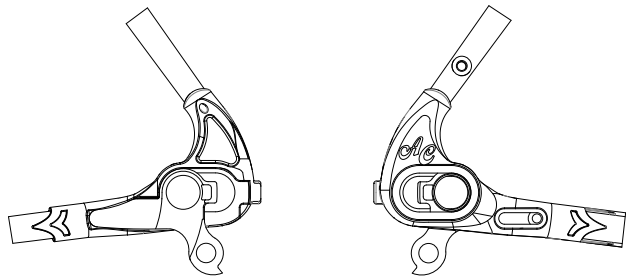
Overview:

The Master Dropout allows the Super Professional to be setup as geared or single speed. There is a separate slider for each configuration. The geared configuration has a threaded derailleur hanger, and the single-speed configuration has no derailleur accommodation. The rest of the hardware is the same, however, whether the setup is geared or single speed, and both configurations are designed to accommodate a 12x1.5mm thru-axle and flat-mount disc brake.

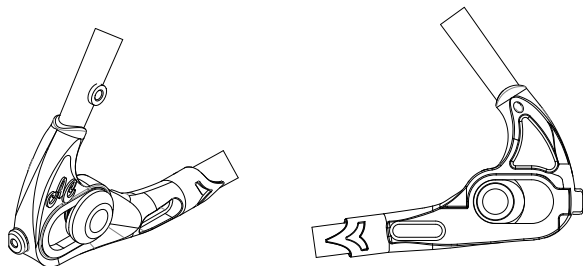
Step 1: Stretch the retaining ring (7) onto the Master threaded cap (3), making sure it fits into the groove. This can be a tight fit initially. To make installation and further assembly easier, gently stretch the retaining ring in several directions prior to installation on the threaded cap.



Step 2: Fit the Master driveside slider (2a or 2b) into the driveside dropout, ensuring the axle hole of the driveside slider is all the way forward in the slot of the driveside dropout, and that the slider sits flush against the dropout.



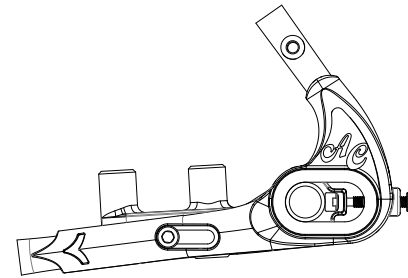
Step 3: Insert the Master threaded cap (3) into the thru-axle hole of the Master driveside slider (2a or 2b) sandwiching the dropout between the pieces. When the orientation of the Master threaded cap (3) is correct, the inside flange will fit into the dropout slot. The threaded cap and the driveside slider should both be flush with the dropout. If the threaded cap will not seat into the dropout slot because of the tight fit of the o-ring, the axle can be used to pull it into place at the end of setup.



Step 4: Thread the m5x0.8*8mm Socket screw (5) through the forward slot of the driveside dropout and into the driveside slider. Leave the screw slightly loose at this point, ensuring the driveside slider is free to move fore and aft in the driveside dropout. This will need to be tightened once the full system is intalled and adjusted.

Step 5: Thread one of the m4x0.7 socket screws (4) through the back of the dropout and through the hole in the slider. Once the end of the screw has passed through the slider enough to clear the hole, install the 6mm washer (9) onto the bolt, exposing the entire hole. Then insert the cotter pin (8) into the hole. Use needle nose pliers to pull the ends of the cotter pin back over the bolt and secure it in place. Make sure the screw is able to rotate within the slider.

Step 6: Install the Master non-driveside slider (1), making sure the axle hole is at the front of the dropout slot and the brake mount is flush with the dropout. Install the m5x0.8*20mm bolt (6) into the slot on the side, but do not tighten completely yet — the brake slider should still be able to move. Install the other m4x0.7 socket screw (4) into the threaded part at the back of the dropout, and repeat the washer (9) and cotter pin (8) installation.



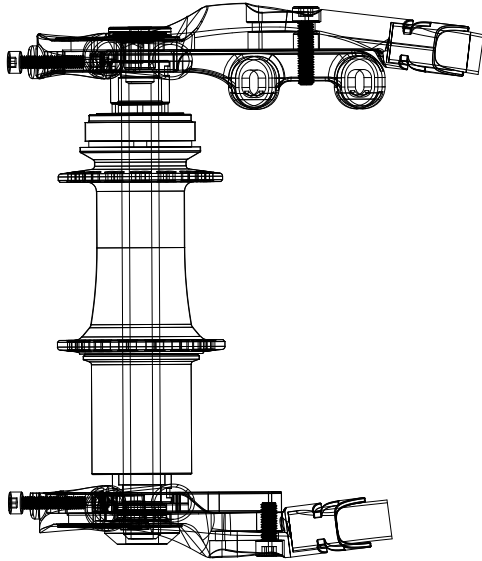
Step 7a: For multi-speed drivetrains, install the wheel and the thru-axle, making sure that the hub surface is flush with the Master driveside slider, geared (2a) and the Master non-driveside slider (1). Also ensure that the wheel and thru-axle stay at the front of the dropout slots on both sides. Once the thru-axle is tightened to manufacturer's recommended torque, torque the m5x0.8*8mm Socket screw (5) to 5nM and torque m5x0.8*20mm socket screw (6) to 5nM.

Step 7b: For single-speed drivetrain, install the wheel and the thru-axle, making sure that the hub surface is flush with the Master driveside slider, single (2b) and the Master non-driveside slider (1). Next, with the chain positioned on the cog and chain ring, turn both of the m4x0.7 socket screws (4) counter-clockwise to draw the Master driveside slider, single (2b), the Master non-driveside slider (1), and wheel toward the rear of the bike and add tension to the chain. Once the chain is properly tensioned, tighten the thru-axle to manufacturer's recommended torque. Finally, torque the m5x0.8*8mm Socket screw (5) to 5nM and torque m5x0.8*20mm socket screw (6) to 5nM.

NOTE: When installing the rear thru-axle, be sure to hold the Master threaded cap in place on the drive-side dropout to ensure that the threads of the thru-axle and the Master threaded cap engage properly and to avoid potential loss of the MTC.

⚠ WARNING: When setting up single speed, make sure the wheel is not crooked in the dropouts and that the tire does not rub on the chain stays.

⚠ WARNING: Check assembly for play every time rear wheel is removed and installed. There should be no play in the assembly when the axle is tightened.



Limited Warranty

This All-City® product is warranted against defects in materials and workmanship for three years from the date of retail purchase of the product, subject to the limitations detailed below. Save your dated receipt for proof of purchase.

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 or assembler
- 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
- Installation of components, parts or accessories not originally intended for or compatible with All-City products
- Damage or deterioration to the paint, 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 limited warranty is expressly limited to the repair or replacement of a defective product, at the option of All-City Cycles, and is the sole remedy of the warranty. This limited warranty applies only to the original purchaser of the All-City product and is not transferrable. This warranty applies only to products purchased through an authorized dealer or distributor. In no event shall All-City Cycles be liable for any loss, inconvenience or damage, whether direct, incidental, 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 our products except as set forth herein. This limited warranty gives the consumer specific legal rights, and those rights and other rights may vary from place to place. This limited warranty does not affect your statutory rights.

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Warranty Process

We will happily back up our products if there is a problem that is our fault. If you and your shop think your All-City product is worthy of a warranty inspection, please return the product to the original place of purchase, accompanied by a sales receipt.

Other Products

Check our website for the full range of All-City bikes, frames, parts and accessories.

Contact Us

Questions, comments, anecdotes, build pics and hipster jokes can and should be directed to:

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