

EQUAL-PULLEY Manual

EQUAL-PULLEY is enabled.

Campagnolo Ergopower + **SHIMANO Drivetrain**

There are four types of "EQUAL-PULLEY".

Shifter	FD	RD	•Cassette type •Chain	EQUAL-PULLY	
10speed Ultra-Shift Ergopower 2009~2010 Veloce 2009~2010 Centaur (A left shifter is not remodeled)	SHIMANO 10speed	SHIMANO 10speed	SHIMANO 10speed	#1 blue	
11speed Ultra-Shift Ergopower 2010 Athens 2009~2014 Chorus 2008~2014 Record 2009~2014 SuperRecord (A left shifter is not remodeled)			SHIMANO 11speed	#2 red	
11speed Ultra-Shift Ergopower 2015~Chorus 2015~Record 2015~SuperRecord (A left shifter is not remodeled)		SHIMANO 10speed or 11speed (better)	SHIMANO 10speed	SHIMANO 10speed	#3 gold
			SHIMANO 11speed	SHIMANO 11speed	#4 green

*It corresponds to Ergopower Ultra-Shift.

*It doesn't correspond to Ergopower Power-Shift.

*About the shift wire.

-Right side(EQUAL-PULLY) Shimano wire

-Left side Campagnolo wire

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Attention
Please read ahead of the use.

- If you install this product, it will void the warranty of the manufacturer.
- I would recommend your installation in the pro shop, such as a purchase. If you are not confident in mounting.
- You may speed performance drops significantly when RD, chain, sprocket, etc. is not a normal state.
- This part is custom parts.
- There is a possibility that can not give full play to the performance of such components.
- In the case of a problem not to affect the damage by the mistake of attachment means and the usage, the quality of the product including the damage, I do not accept returned goods, exchange in us.
- I assume all it the self-responsibility of the user and, about the outbreak of the accident when I used "EQUAL-PULLY", do not take all responsibility in us.
- Please confirm an installation state regularly.

GROWTAC
<http://www.growtac.com>

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Mounting arrangement



Please make the adjustment of the top / low adjuster bolt of RD all possible measures before using EQUAL-PULLY. Especially, the chain narrows between the foil and the sprocket when there is a problem in the adjustment of a low side, and it might cause the large-scale accident.



① I operate cancellation labor and move a pulley position to the high side most.



② The Pully installation screw is removed with the wrench. Existing Pully is quietly removed with pincers etc.



③ EQUAL-PULLY is installed with pincers etc. straight and quietly.

④ The screw is lightly tightened.

⑤ The lever is pushed, and internal mechanism is prevented from turning.

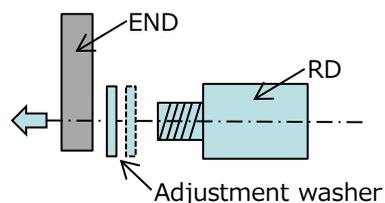
⑥ Hold down the release lever, I tighten in the proper torque the screws.

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About use of "#3gold"

In the case of the combination of the 10-speed RD and 11-speed Cassette sprocket, please check the following.

- Is RD correctly installed?
- Does a shift wire work smoothly?
- Does a guide pulley have the abrasion?
A little wear-out influences changing the speed. We will recommend the use of the belt pulley of pure Shimano of 9000 factions and 6800 factions.
- Please use the adjustment washer when not changing the speed to TOP gear (11T or 12T) after it exchanges it for #3. Please use two washers when changing the speed does not improve it by one washer.
※ Please adjust top/low adjuster bolt again after inserting the washer.



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