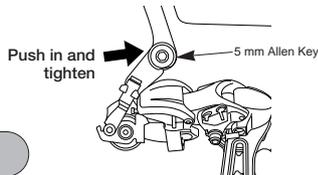


# Rear derailleur Adjustment Method

RD-TX70/RD-TX50/RD-TX30

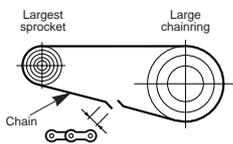
## Installation of the rear derailleur



**Tightening torque:**  
8 - 10 N·m {70 - 86 in. lbs.}

## Chain length

Add 2 links (with the chain on both the largest sprocket and the largest chainring)



## Cable securing and stroke adjustment

Place the outer casing so that it does not touch the basket and mudguard, otherwise it may cause a problem with the performance of the derailleur.

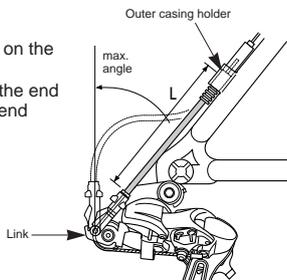
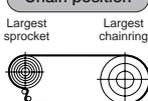
Set the outer casing (RD-TX70/RD-TX50) so that its length is as follows.

### • If routing the casing upward:

(The chain should be on the largest sprocket and on the largest chainring.)

Add 10 mm to the length of the outer casing from the end that is inserted into the outer casing holder to the end which is inserted into the link.

#### Chain position

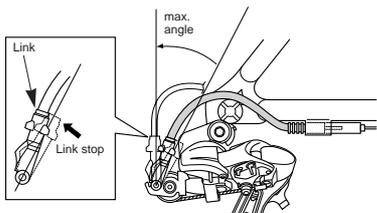
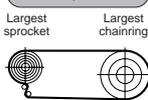


### • If routing the casing downward:

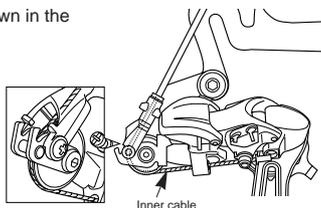
(The chain should be on the largest sprocket and on the largest chainring.)

Set the length of the outer casing so that it describes a smooth arc, and so that the link stops in a position where there is a small gap between the link and the link stop.

#### Chain position



Connect the inner cable to the derailleur as shown in the illustration.



This service instruction explains how to use and maintain the Shimano bicycle parts which have been used on your new bicycle. For any questions regarding your bicycle or other matters which are not related to Shimano parts, please contact the place of purchase or the bicycle manufacturer.

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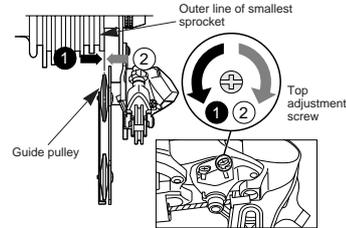
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Industrieweg 24, 8071 CT Nunspeet, The Netherlands Phone: +31-341-272222

SHIMANO INC.  
3-77 Oimatsu-cho, Sakai, Osaka 590-8577, Japan

Please note: specifications are subject to change for improvement without notice. (English)  
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## 1. Top adjustment

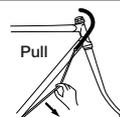
Turn the top adjustment screw to adjust so that the guide pulley is below the outer line of the smallest sprocket when looking from the rear.



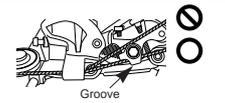
## 2. Connection and securing of cable

Connect the cable to the rear derailleur and, after taking up the initial slack in the cable, reattach to the rear derailleur as shown in the illustration. Secure the cable by pulling it with pliers with a force of 5 - 10 kg.

**Tightening torque:**  
5 - 7 N·m {44 - 60 in. lbs.}

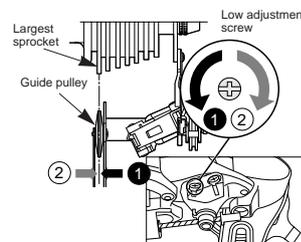


**Note:** Be sure that the cable is securely in the groove.



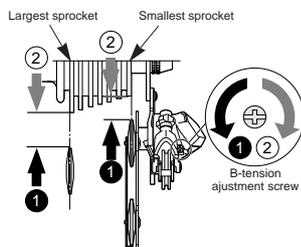
## 3. Low adjustment

Turn the low adjustment screw so that the guide pulley moves to a position directly below the largest sprocket.



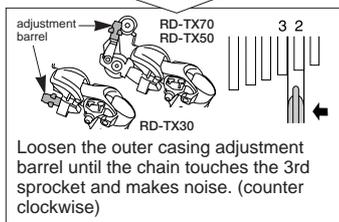
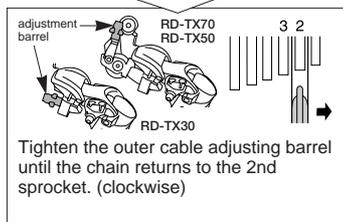
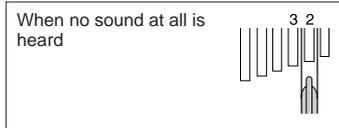
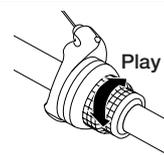
## 4. How to use the B-tension adjustment screw

Mount the chain on the smallest chainring and the largest sprocket, and turn the crank arm backward. Then turn the B-tension adjustment screw to adjust the guide pulley as close to the sprocket as possible but not so close that it touches. Next, set the chain to the smallest sprocket and repeat the above to make sure that the pulley does not touch the sprocket.



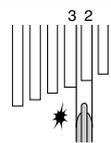
## SIS Adjustment

Operate the shifting lever several times to move the chain to the 2nd sprocket. Then, while pressing the lever just enough to take up the play in the lever, turn the crank arm.



## Best setting

The best setting is when the shifting lever is operated just enough to take up the play and the chain touches the 3rd sprocket and makes noise. \* Return the lever to its original position (the position where the lever is at the 2nd sprocket setting and it has been released) and then turn the crank arm clockwise. If the chain is touching the 3rd sprocket and making noise, turn the outer casing adjustment barrel clockwise slightly to tighten it until the noise stops and the chain runs smoothly.



For the best SIS performance, periodically lubricate all power-transmission parts.