

RD-7700

Rear Derailleur

Before use, read these instructions carefully, and follow them for correct use.

In order to realize the best performance, we recommend that the following combination be used.

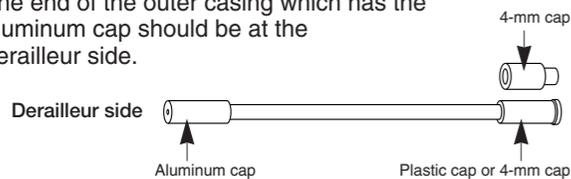
Series	DURA-ACE
Shifting lever	ST-7700 / SL-7700 / SL-BS77
Outer casing	SIS-SP40
Rear derailleur	RD-7700
Freehub	FH-7700
Sprockets	9
Cassette sprocket	CS-7700
Chain	CN-7700
Bottom bracket cable guide	SM-SP17

Specifications

Type	SS
Total capacity	26 teeth or less
Largest sprocket	26T
Smallest sprocket	11T
Front chainwheel tooth difference	14 teeth or less

Note

- For smooth operation, always be sure to use the specified outer casing and the bottom bracket cable guide.
- Grease the inner cable and the inside of the outer casing before use to ensure that they slide properly.
- The tension pulley has a mark which indicates the direction of rotation. The side with the arrow is the front side.
- Because the high cable resistance of a frame with internal cable routing would impair the SIS function, this type of frame should not be used.
- The end of the outer casing which has the aluminum cap should be at the derailleur side.

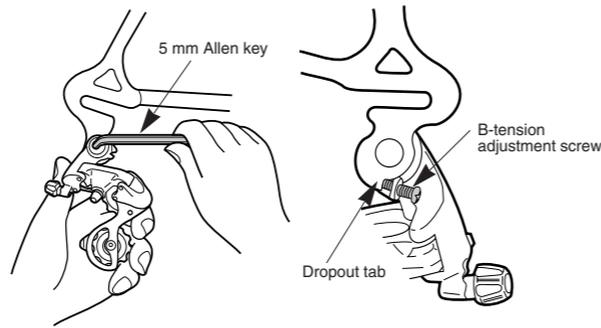


- For any questions regarding methods of installation, adjustment, maintenance or operation, please contact a professional bicycle dealer.

Installation of the rear derailleur

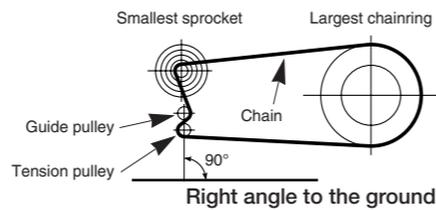
When installing, be careful that deformation is not caused by the B-tension adjustment screw coming into contact with the dropout tab.

Bracket spindle tightening torque:
8 - 10 Nm {70 - 86 in. lbs.}



Chain length

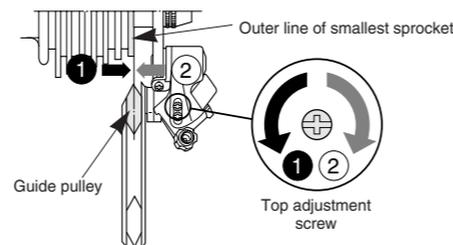
SS type



Stroke adjustment and cable securing

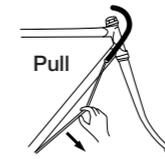
1. Top adjustment

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 the cable

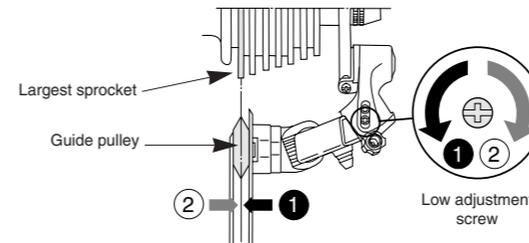
Connect the cable to the rear derailleur and, after taking up the initial slack in the cable, re-secure to the rear derailleur as shown in the illustration.



Cable fixing position	Lever	Sprockets
Position-A	ST-7700 / SL-7700	9
	ST-6400	8
Position-B	ST-7400	8

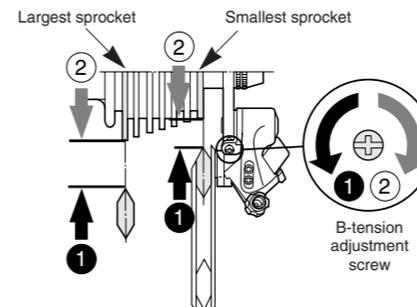
3. Low adjustment

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



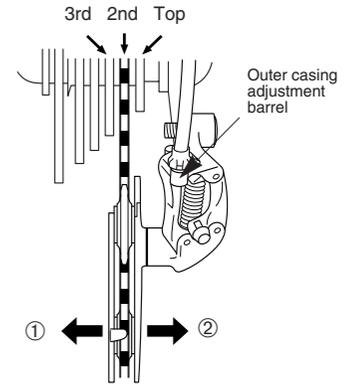
4. How to use the B-tension adjustment screw

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.

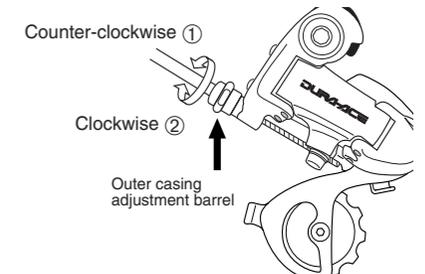


5. SIS Adjustment

- Operate the shifting lever to move the chain from the top gear to the 2nd gear.
 - If the chain will not move to the 2nd gear, turn the outer casing adjustment barrel to increase the tension----① (counter clockwise)
 - If the chain moves past the 2nd gear, decrease the tension---② (clockwise)



- Next with the chain on the 2nd gear, increase the inner cable tension ① while turning the crank arm forward. Stop turning the outer casing adjustment barrel just before the chain makes noise against the 3rd gear. This completes the adjustment.



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

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