

**SG-7C20**  
**ST-7S20**  
**ST-7S30**

7-Speed Hub with  
Coaster Brake

Rapidfire Lever

For proper and safe performance, read and follow these instructions carefully.

**CAUTION**

- Check to be sure that the brake arm is firmly secured to the chainstay. If it is not installed correctly, there will be the danger that poor braking performance will result.
- Before riding, confirm that the braking force of the coaster brake is correct.
- When the brakes are used frequently, the drum will become hot. Be careful not to touch the drum for a while after riding (about 30 minutes).

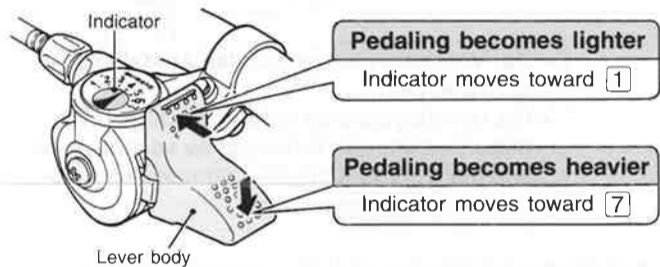
If the above points are not strictly observed, the brakes will not function correctly and unexpected problems will develop.

**NOTE**

- If you place your foot on a pedal and move the bicycle backwards, a clicking will be felt in the pedal. This is normal and is not a sign of a malfunction.
- For maintenance of the cable and other parts, contact the place of purchase.
- For any questions regarding methods of handling or adjustment, please contact the place of purchase.

**Rapidfire lever operation**

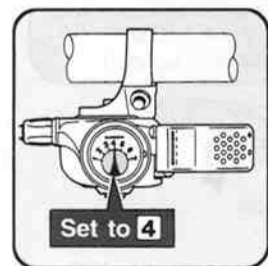
Push the top or bottom of the lever body to shift the gears.



• ST-7S30 is a Rapidfire lever with an integrated brake lever. Operation and adjustment methods are the same as for the ST-7S20.

**Adjustment method**

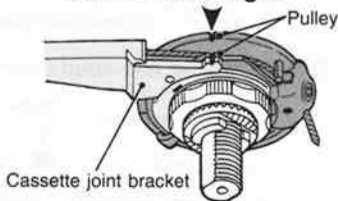
Set the Rapidfire lever to 4. Check to be sure that the red setting lines on the cassette joint bracket and pulley are aligned at this time.



The red setting lines on the cassette joint are located in two places. Use the one that is easiest to see.

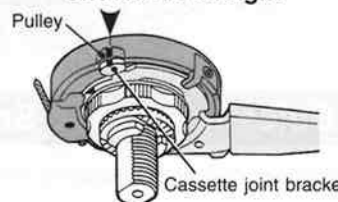
**When bicycle is upside down**

Should be straight

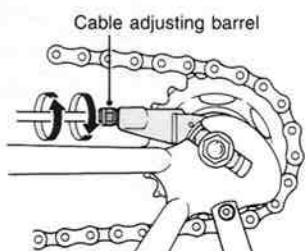


**When bicycle is standing up**

Should be straight

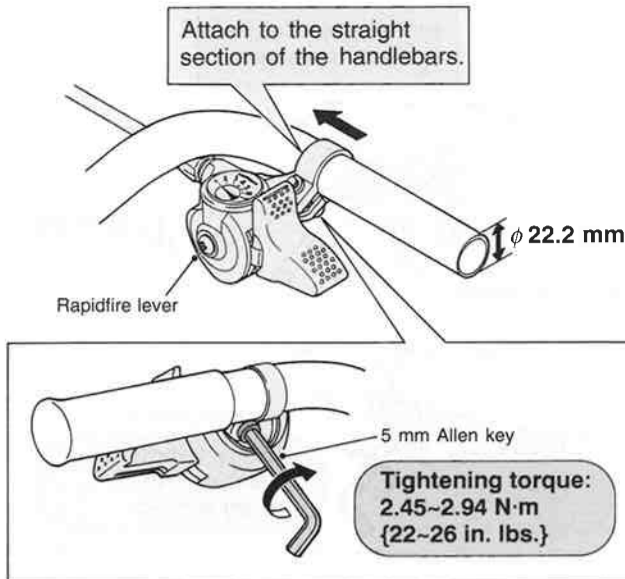


If the red setting lines are not aligned, turn the cable adjusting barrel of the cassette joint to align the setting lines.



**Installation of the Rapidfire lever**

Attach the Rapidfire lever as shown in the illustration.

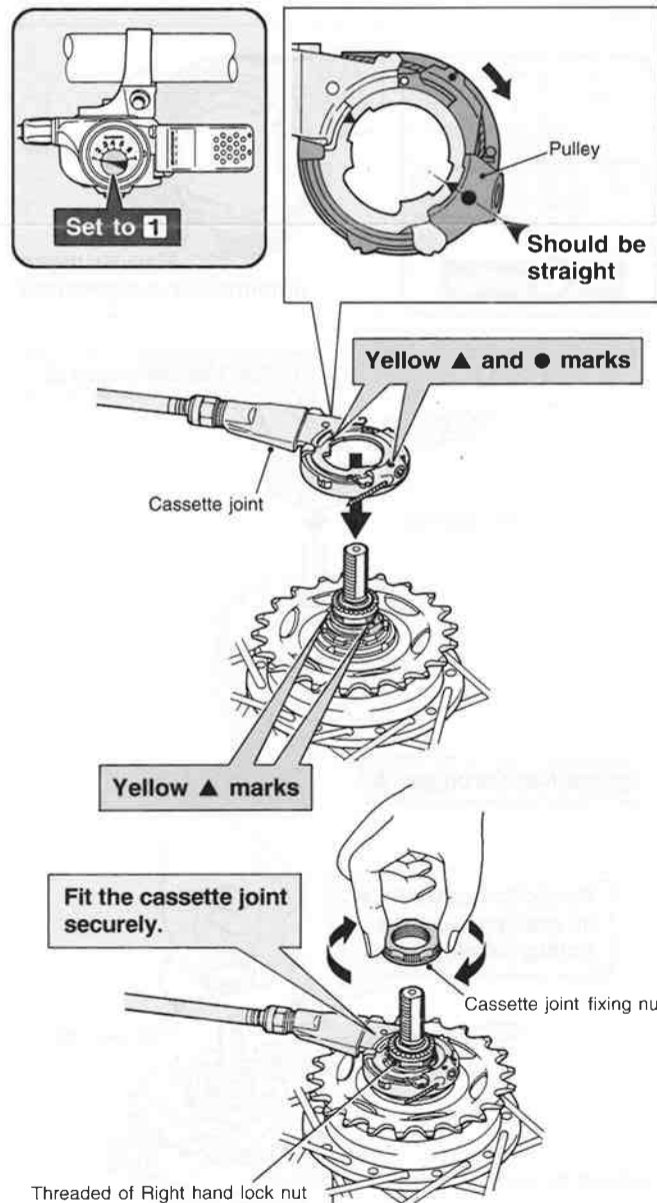


The installation angle can be adjusted to one of two positions to suit the shape of the handlebars. Angle adjustment is carried out by loosening the lever body fixing bolt.

- Note:**
- The clearance between the cable adjusting barrel and the handlebars should be 4-6 mm.
  - The end of the lever operation section should not hit the grip.

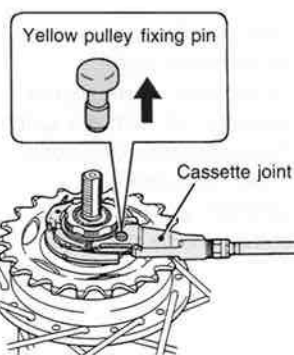
**Installation of the cassette joint**

Set the Rapidfire lever to 1. Next, after turning the pulley in the direction of the arrow, align the yellow ▲ and ● marks of the cassette joint with the yellow ▲ marks on the right side of the hub body, and then secure the hub body with the cassette joint fixing nut.



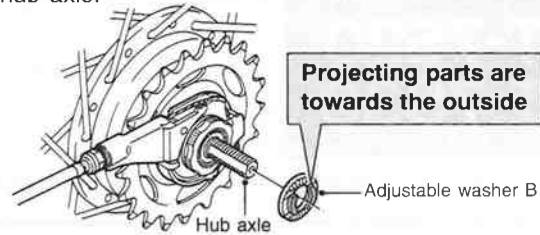
**Note: Do not remove the cable from the cassette joint.**

If the Rapidfire lever does not function, pull out the yellow pulley fixing pin of the cassette joint if there is a pin.



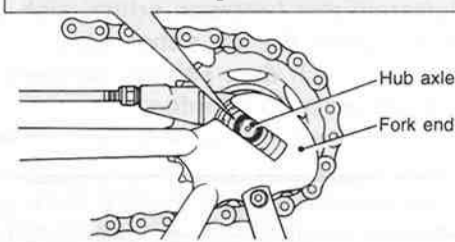
**Installation of the hub to the frame**

1. Set the adjustable washer B to the right side of the hub axle.

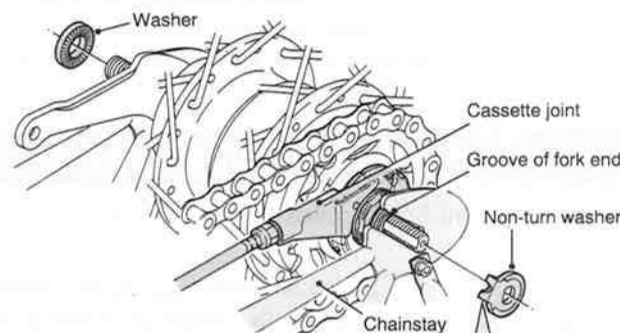


2. Run the outer casing along the frame, mount the chain on the sprocket, and then set the hub axle into the fork ends.

Align the projecting parts of the adjustable washer B with the grooves on the fork end.

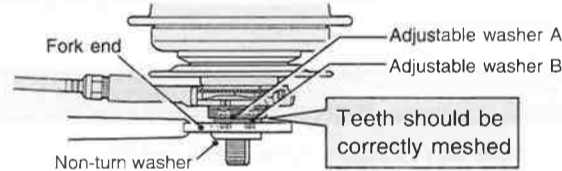


3. Install the non-turn washer onto the right side of the hub axle. At this time, turn the cassette joint so that the projecting part of the non-turn washer fits into the groove of the fork end. If this is done, the cassette joint can be installed so that it is almost parallel to the chainstay. Furthermore, install a washer with no projecting part onto the left side of the hub axle.

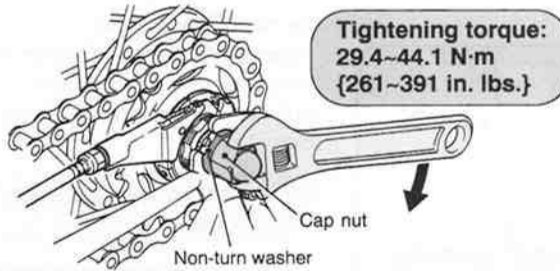


• The projecting part should be on the fork end side.  
• Install the non-turn washer so that the projecting part is securely in the fork end groove on either side of the hub axle.

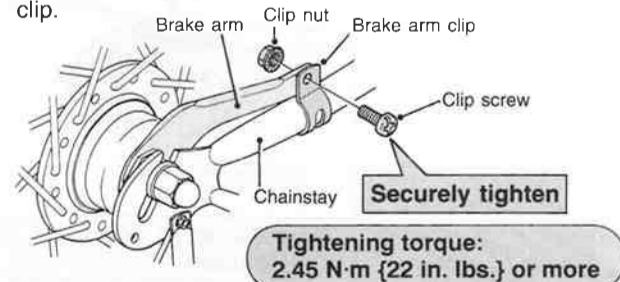
• Check to be sure that the teeth of adjustable washers A and B are correctly meshed.



4. Take up the slack in the chain and secure the wheel to the frame with the cap nuts.

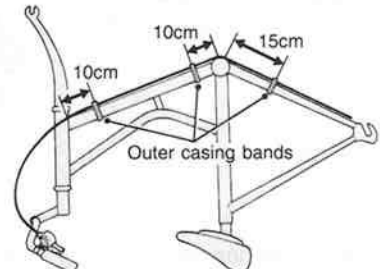


5. Secure the brake arm to the frame with the brake arm clip.



**Securing the outer casing**

Secure the outer casing to the frame with the outer casing bands.



• Please note: Specifications are subject to change for improvement without notice. (English)

**SHIMANO**

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