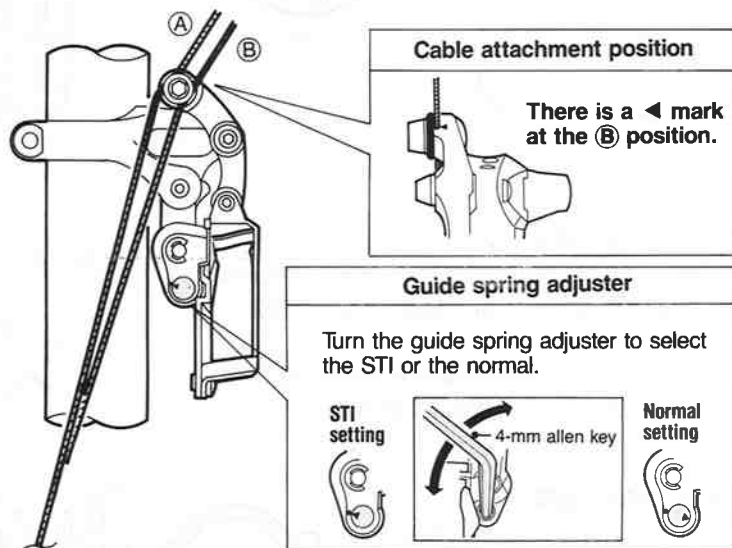


# SERVICE INSTRUCTIONS

## FD-7403 Front Derailleur

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

### Setting the specification



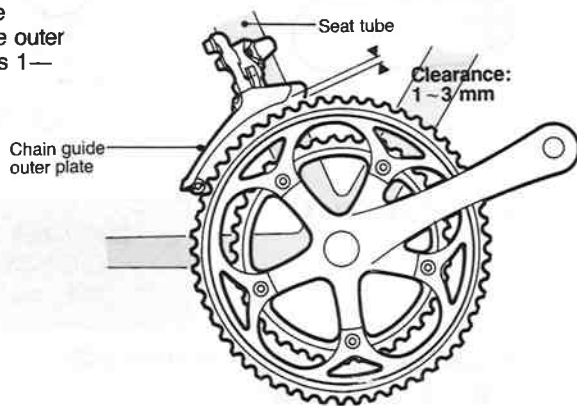
	Cable attachment position	Guide spring adjuster
For STI setting use	(B) (◀ mark)	STI specification
For other than STI setting use	(A)	Normal specification

### Specifications

- Capacity: front chainwheel tooth count difference 15T or more
- Stroke (A—A'): 37—51 mm
- Type: band type, brazed on
- Installation band diameter: 28.00 mm or 28.60 mm (common use)

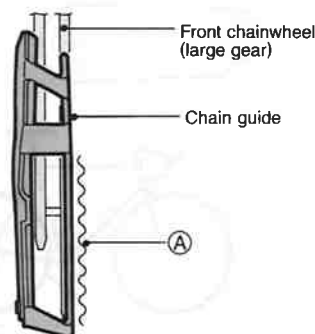
### Assembly to Frame

- Adjust so that clearance between the plate at the outer side of the chainguide is 1—3 mm, and then install.



- The outside surface (A) of the chain guide should be directly above and parallel to the large gear.
- Secure by using a 5mm allen key.

Tightening torque:  
50 kgfcm (43 in.lbs.)



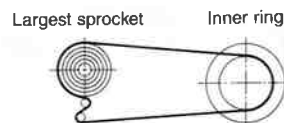
SHIMANO AMERICAN CORPORATION  
One Shimano Drive, Irvine, California, U.S.A. 92718 Tel. (714) 951-5003  
SHIMANO (EUROPE) GmbH  
Kleinhausen 1-3, 4010 Hilden, West Germany Tel. 02103-5005-0

SHIMANO (SINGAPORE) PTE. LTD.  
No. 20, Benoi Sector, Jurong Town, Singapore 2262 Tel. 2654777  
SHIMANO INDUSTRIAL CO., LTD.  
3-77 Omatsuchi, Sakai, Osaka, Japan Tel. (0722) 23-3243

## Adjustment and Cable Attachment

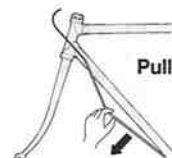
### 1. Low adjustment

Set the chain guide, inner plate to the smallest gap possible at which the chain guide does not contact the chain.



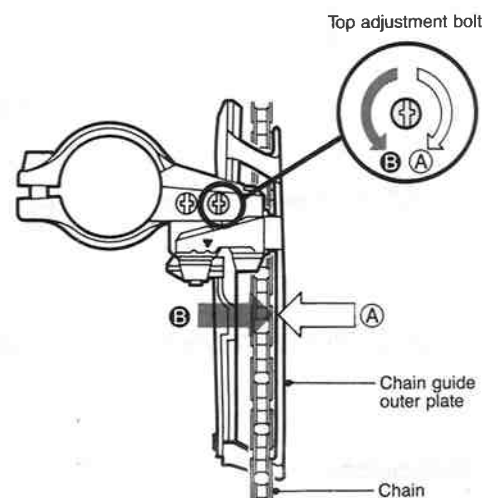
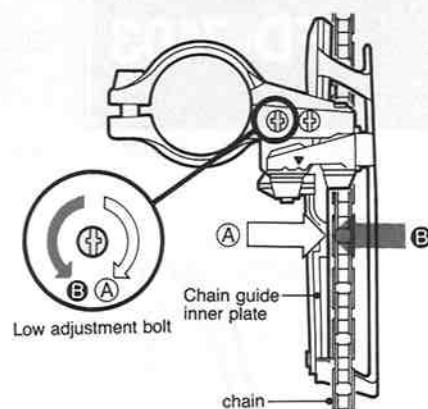
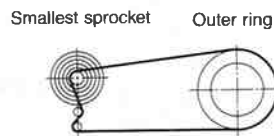
### 2. Securing the cable

Tighten the bolt at a torque of 50 kgfcm while strongly pulling the cable. Use a 5-mm allen key. After initial stretching of the cable, as shown in the illustration, re-secure the front derailleur.



### 3. Top adjustment

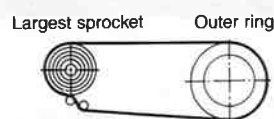
Set the chain guide outer plate to the smallest gap at which the chain guide does not contact the chain.



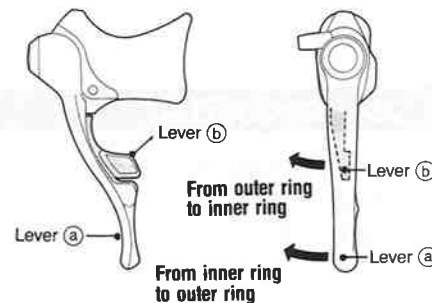
For use as STI specification, make the adjustment described below.

### 4. Adjustment of the STI cable tension

- Set the chain to the largest rear sprocket, and shift the front to top gear.



#### STI front shifting (ST-7400)



- Perform the trimming.

Trimming (noise-prevention mechanism)  
Gently press the STI release lever.  
(A "click" sound will be heard.)

- After trimming, adjust the clearance (by using the cable-adjustment bolt) of the chain and chain guide to the minimum (0—0.5 mm).

