In order to obtain good gear shifting performance, this chain has a forward side and a reverse side, and the sprockets are so cut that the chain will face the correct way when installed. The proper design performance of the front derailleur is also obtained when the chain is installed on this side. Sprockets, hubs, and teeth may fray over time and may tear. Wear should be evaluated and replaced if necessary. We recommend that the front derailleur be installed on the sprockets with the forward side facing outward. If the forward side is facing inward, the chain may tear or fray which can cause loss of linear tension strength for the components.

The INSTANT RELEASE mechanism makes fast releasing possible because cable tension is released immediately when a lever is operated. Be sure to lubricate the shaft and sliding parts with a high performance lubricant.

Tightening torque

1. When using the TL-FC16/TL-FC18/TL-FC18X/TL-FC18X1/TL-FC19/TL-FC19X/TL-FC19X1/TL-FC24/TL-FC24X/TL-FC24X1 to engage the smaller chainring, make sure the chain is not engaged and that the chain is not damaged. If the chain is engaged, the chain may break or fall off.

2. If connecting pins other than reinforced connecting pins are used, or if a reinforced connecting pin or tool which is not suitable for the type of chain is used, the chain may break or fall off. A reinforced connecting pin, or tool which is suitable for the chain type, should be used. If the chain is damaged, which causes the chain to break or fall off.

3. If it is necessary to adjust the pitch of the chain due to a change in the number of sprockets, make the cut or other items as shown in the illustration. The chain may have been joined using a reinforced connecting pin. The chain will be damaged if it is a cut or a rivet.

4. When working on the chain, the chain is closed and the chain is not damaged. If the tension is too weak or the chain is damaged, the chain should be replaced. If this is not done, the chain may break or fall off.

5. Check that there are no cracks in the chain arms before riding the bicycle. If there are any cracks, the chain arm may break and you may fall off the bicycle.

6. If connecting pins other than reinforced connecting pins are used, or if a reinforced connecting pin or tool which is not suitable for the type of chain is used, the chain may break or fall off. A reinforced connecting pin, or tool which is suitable for the chain type, should be used. If the chain is damaged, which causes the chain to break or fall off.

7. If the sprocket teeth are worn, replace the sprocket. If the sprocket teeth are not worn, replace the chain.

8. Use a neutral detergent to clean the crank arm and the bottom bracket. Using alkaline or acidic detergents may cause discoloration.

9. Before riding the bicycle, check that there is no play or looseness in the connection. Also, be sure to retighten the crank arms and their recommendation on tightening torque in order to prevent over tightening that can cause lack of fixing strength for the components.

10. If the chain is too short or too long, use an appropriate chaincleaner. Never use alkali based or acid based solvents such as rust

Connecting and securing the inner cable

Switch the mode converter to the 3x double mode position, and then check this command. Operate lever B 3 times or more to set the lever to the lowest position. Remove the inner hole cover, and install the cable.

Cassette:

1. Operate lever B 3 times or more to set the lever to the lowest position.
2. Check that the indicator needle is at the right edge. (Fig. 1)
3. Install the new outer casing, inner core, and inner hole band. The outer casing is already attached to the plate, and the plate is already attached to the mode converter. Make sure to check that the plate is not damaged before installing it. Do not turn it any further than this, otherwise it may damage the plate.

Front Derailleur

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Tightening torque

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