General Safety Information

WARNING
- Use neutral detergent to clean the chain. Do not use alkali-based or acid-based detergent such as rust cleaners as it may result in damage and/or failure of the chain.
- Use the reinforced connecting pin only for connecting the narrow type chain.
- There are two types of reinforced connecting pin available. Be sure to check the table below before installation. If the chain is not reinforced correctly, it may result in damage to the chain. If the chain is not reinforced correctly, the chain may come off and this may cause you to fall off the bicycle which could result in serious injury.

Chain
- The reinforced connecting pin cannot be used with the UG chain, otherwise the connections will not move properly.

Note
- The reinforced connecting pin cannot be used with the UG chain, otherwise the connections will not move properly.

Specifications

Shifting lever

| Model Series | Shift type | Min to max | Non SIS
|--------------|------------|------------|--------|
| Tourney (SIS) | SL-RS35 | 6 - 18 | 3 - 6
| Tourney (Non SIS) | FD-TX50 | 6 - 18 | 3 - 6

Front Derailleur

| Model number | Type | Shift range | Min to max | Non SIS
|--------------|------|-------------|------------|--------|
| FD-C051 | Tourney (SIS) | 6 gears | S.S.L | 3 - 6
| FD-TX50 | Tourney (Non SIS) | 6 gears | S.S.L | 3 - 6

Bottom Bracket

| Type | Chain stay | Bottom bracket | Min to max | Non SIS
|------|------------|----------------|------------|--------|
| FD-TX50 | 115 mm | Half grip | 3 - 6 | 3 - 6
| FD-TX50 | 130 mm | Half grip | 3 - 6 | 3 - 6

Gear shifting operation

1. Set the clearance between the chain guide inner plate and the chain to 0.5 - 3 mm.

Front Derailleur

1. < FD-C102 / C101-E >
- Use the special tools (TL-UN65 and TL-UN74-S) to install the front derailleur as shown in the illustration.
- Adjust and then install the front derailleur so that they are aligned as shown in the illustration.

Installation of the front chainwheel

- Use the special tools (TL-UN65 and TL-UN74-S) to install the front chainwheel as shown in the illustration.
- Adjust and then install the front derailleur as shown in the illustration.

Installation of the front derailleur

1. < FD-C102 / C101-E / C100 / FD-TY10 / TZ30 / TZ20 >
- Use the special tools (TL-UN65 and TL-UN74-S) to install the front derailleur as shown in the illustration.
- Adjust and then install the front derailleur as shown in the illustration.

Installation of the bottom bracket

1. < FD-C101-E >
- Use the special tools (TL-UN65 and TL-UN74-S) to install the bottom bracket as shown in the illustration.
- Adjust and then install the bottom bracket so that they are aligned as shown in the illustration.

Cutting the outer casing

When cutting the outer casing, cut the ends off at an angle. After cutting the ends off, the outer casing will be easier to install. After cutting the ends off, install the outer casing as shown in the illustration.

Adjusting of cable tension

After installing the inner and outer casing, adjust the cable as shown in the illustration.