

Shifters - TS82 / TS83 series

TS 82 - Compatible with Shimano MTB derailleur system.
(Deore Alivio Acera Altus)

TS 83 - Compatible with Shimano Road with flat
handle bar derailleur system.

INSTALLATION

1. Mounting the shifter onto handle bar as shown in Figure 1.
2. Tighten shifters with 5mm Allen key.
(clockwise to tight)

ADJUSTMENT

- 1 Adjust the brake lever in a suitable position where it will not obstruct the brake lever operation and shift lever's shifting.
- 2 Press the upper lever of left shifter until indicator shows "1".
Press the upper lever of right shifter until indicator shows max. digit.
- 3 Connect and secure the inner cable to front or rear derailleur and make sure the chain stay in the bottom chain ring (front) or sprocket (rear) , For more details please refer to derailleur instruction .
- 4 Adjusting barrel on shifters offers the micro-adjustment purpose if necessary .

INNER CABLE REPLACEMENT

1. Release inner cable from derailleur .
Press the upper lever of left shifter until indicator show on "1" .
2. Press the upper lever of right shifter until indicator show on "max". digit .
3. Push the inner cable out from cable hook and replace a new one. See Figure 2.

OPERATION

Push the lower lever of shifters to shift from a small chain ring to a larger chain ring (front) or from a small sprocket to a larger sprocket (rear) .

Tap on the upper lever of shifters to shift from a larger chain ring to a smaller chain ring (front) or from a larger sprocket to a smaller sprocket (rear) .
See Figure 3.

