

7. Check Sprocket

Check the facing condition of roller and sprocket tooth surface and make sure that the biting of chain and sprocket is normal.

The facing condition is shown in the right figu

"A" shows the normal biting and it is even.

"B" shows the biting is unbalanced.

If it is like "B", recheck the installation of sprocket or vibration of the chain.

The proper location of the roller hitting the sprocket tooth is just above the tooth bottom

If the pre-stretch is performed and the tension is remained at the slacked side, the roller slightly hit the tooth bottom, but most of hitting is at "A" location.

In case of Idler Tension, the roller hits the sprocket at the center of tooth bottom.

