Laser Alignment Tool for Sprockets and Chains

Application:

The **Precision Laser Alignment Tool** should be used after the following Applications:

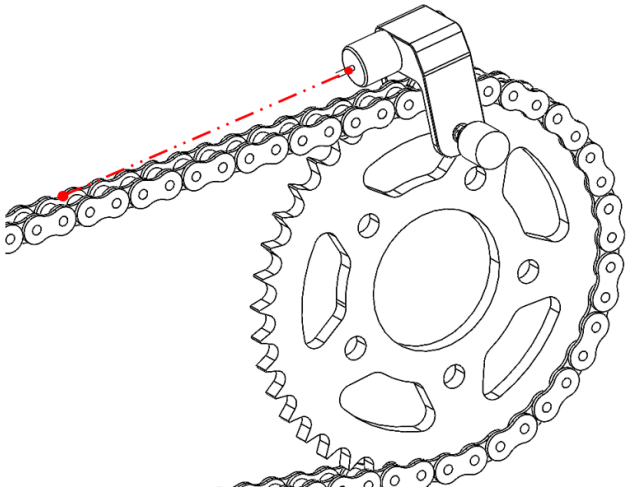
- Adjusting and tightening a slack chain
- Replacing rear tires or swapping out rear wheels
- Installing new Chains or Sprockets

This tool can be used on can be used on Chains and Sprockets for **Motorcycles, ATVs, and Karts**

WARNING: ALWAYS MAKE SURE YOUR VEHICLE IS TURNED OFF PRIOR TO ALIGNMENT

Instructions

1. Install the coin cell batteries X 3 (Engraved face up).
2. **Prior to installation wipe the front and back sprocket faces** where the tool will be located to ensure no grit or crud interfere with the installation or alignment. **The face leg of the clamp must sit flush on the sprocket.**
3. With the gear selection in neutral raise the rear wheel of the Moto off the ground using a rear or center stand.
4. Mount the tool to the sprocket and tighten the nylon screw as shown. The **Sprocket, Tool Face and Laser Centerline** are now all sitting on the same plane and alignment can begin.
5. Activate the Laser using the On/Off Switch.
6. Rotate the rear wheel slightly so the **Laser Dot** sits near the rear sprocket. Note the location of the dot on the chain (This will normally be on the edge of the inner chain plate as it sits on the same plane as the sprocket).
7. Rotate the wheel slowly and run the laser up the chain towards the front sprocket. Note the location of the laser dot in the mid-section and at the front sprocket.
8. If the chain or sprocket is misaligned, you will notice the laser drift off-line. If this happens re-adjust and tighten your set-up to achieve **Perfect Alignment.**
9. Turn off the laser and remove it from the sprocket and store.



Factory Calibrated and Certified

Inspected and certified within **1mm (.04") over 1 meter (3.28')**

Inspector: _____ Date: _____