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# INSTRUCTIONS

## MOTION PRO ForkTRU™ Fork Alignment Tool P/N 08-0412

Thank you for choosing Motion Pro. The ForkTRU™ will insure that your lower fork legs are parallel after replacing the front wheel.

### How to use the ForkTRU™ Fork Alignment Tool:

1. Loosen both thumbscrews so the ForkTRU™ is free to slide apart or together.
2. Place your motorcycle on a center stand. Use the ForkTRU™ on a straight or tapered portion of the upper fork tube above or below the lower triple clamp and as close to the lower triple clamp as possible (Fig. 1). As you press against the ForkTRU™ the “V” cups on the ForkTRU™ will self-center on the outside of the upper fork tubes. While holding the ForkTRU™ firmly against the upper fork tubes, making sure that both upper fork tubes are in complete contact with both “V” cups, you can now tighten down the thumbscrews. This determines what the correct on-center spacing of the lower fork tubes should be.



3. Now verify that the ForkTRU™ is set up correctly. There are two ways to do this. First, you can sight down both “V” cups to make sure you cannot see any light between either side of the “V” cups or the upper fork tubes. A second method is to try and move the ForkTRU™ from side to side perpendicular to the fork legs. If the “V” cups are centered on the upper fork tubes the ForkTRU™ will feel secure and will not move. If the “V” cups are not centered on the upper fork tubes the ForkTRU™ will move slightly and you will hear and feel the face of the “V” cups click against the upper fork tubes. If the ForkTRU™ is not set up correctly repeat steps 1-3. With a little practice you will find that this is easy to do.
4. Now slide the ForkTRU™ between the spokes and place it on the lower fork tubes as close to the bottom of the lower fork tubes as possible (Fig 2). Now verify that the lower fork legs are parallel using the methods described in step 3. If the lower fork legs are parallel you are done. If they are not, then you need to loosen the axle pinch bolts on the lower fork leg and move the lower fork leg in or out until it is in the correct location. Now tighten the pinch bolts and check the lower fork leg alignment again. Refer to your motorcycle's manufacturer specifications for proper torque values for your machine before re-tightening your front axle fasteners.