

TC4000SM :: Supermoto Triple Clamps Yamaha YZF450F (2006)

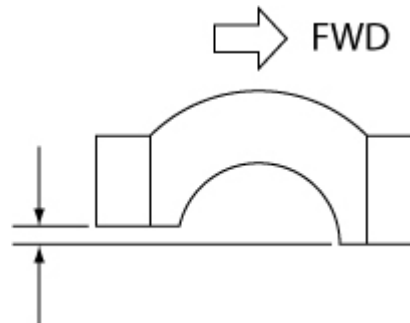
TC4010SM :: Supermoto Triple Clamps Yamaha YZF250F (2006)

PARTS LIST

- | | | | | | |
|-----------------------------|------------------|---|----------------------|--|---|
| • Flanged Hex Bolt, 8x40mm | OB.8x40IHFZ | 8 | • Upper Triple Clamp | n/a | 1 |
| • Flanged Hex Bolt, 8x30mm | OB.8x30IHFZ | 1 | • Lower Triple Clamp | n/a | 1 |
| • Flanged Hex Bolt, 8x35mm | OB.8x35DHFZ | 4 | o Steering Stem | YZ1=YZF250F | |
| • Flanged Hex Bolt, 10x25mm | OB.10x25SZ | 4 | | YZ1 is stamped into the bottom of the stem.
Stem is pre-pressed into the lower clamp. | |
| • Handlebar Risers | fits 1-1/8" bars | 2 | o Steering Stem | YZ2=YZF450F | |
| | | | | YZ2 is stamped into the bottom of the stem.
Stem is pre-pressed into the lower clamp. | |

<<<<<< IT IS RECOMMENDED THAT THIS PRODUCT BE INSTALLED BY A QUALIFIED TECHNICIAN >>>>>>

- 1) Please be sure the motorcycle is cooled down and safe to work on. **These triple clamps are designed for Supermoto use only!!! The offset will not work for MX/SX bikes.**
- 2) Remove the front wheel, forks and handlebars.
- 3) Remove the stock triple clamps.
- 4) Install a new lower bearing (Yamaha part # 93332-00081-00, this bearing fits both the YZF450 & YZF250).
- 5) Install upper bearing race, bearing and bearing race cover.
- 6) Install lower triple clamp/steering stem assembly. Install ring nut and torque to 38 Nm / 27 ft-lbs. Loosen one full turn and re-torque to 7 Nm / 5.1 ft-lbs.
- 7) Check the steering stem by turning it lock to lock. If there is any binding, remove the steering stem assembly and inspect the steering bearings.
- 8) Install forks through the lower triple clamp. Temporarily tighten the pinch bolts on the lower triple clamp.
- 9) Install the washer onto the steering stem. Install the upper triple clamp onto the steering stem.
- 10) Install washer and steering stem nut. Torque to 145 Nm / 105 ft-lbs. After tightening the nut, check the steering for smooth movement. If not, adjust the steering by loosening the ring nut little by little until steering is smooth.
- 11) Set fork height in triple clamps. Starting with the upper triple clamp pinch bolts, apply grease to the threads and under the head of the 8x40mm bolts. Torque to 23 Nm / 17 ft-lbs.
- 12) For the lower triple clamp pinch bolts (8x40mm) apply grease to the threads and under the head of the bolts. Torque to 20 Nm / 14 ft-lbs.
- 13) Install the steering stem pinch bolt (8x30mm) by apply grease to the threads and under the head of the bolt. Torque to 20 Nm / 14 ft-lbs.
- 14) To install the handlebar riser first determine which position you will need them in. The handlebar risers have 9/16" fore/aft adjustment between the two possible positions.
- 15) Install the handlebar riser bolts (10x25mm) by apply thread locking compound onto the threads of the bolts. Torque to 40 Nm / 29 ft-lbs.
- 16) The handlebar risers are designed to use a Pro-Taper and any other 1-1/8" diameter handlebar. Install handlebar and top caps. REFER TO DIAGRAM FOR PROPER ORIENTATION OF THE TOP CAPS!



- 17) Install the handlebar pinch bolts (8x35mm) by apply grease to the threads and under the head of the bolts. Torque to 28 Nm / 20 ft-lbs.
- 18) **Graves Motorsports Supermoto Triple Clamps are 196mm from center-to-center of the forks (stock is 192mm). You will need to re-space your front wheel and front brake accordingly.**
- 19) Reinstall any remaining parts (i.e. front fender, cable guides, front wheel) per the Yamaha service manual instructions.
- 20) **Always double check your work for proper installation before riding!**
- 21) Be sure to periodically check the torque of the bolts.