

## WP Open Chamber Fork Springs Installation

- 1 Place motorcycle on a stand so that the front wheel is off the ground.
- 2 Using a 27mm socket remove the front axle nut. Using a 10mm socket, loosen the four front axle pinch bolts. Slide front axle out of forks and remove front wheel.
- 3 Using a 6mm socket, remove the two brake hose guide bolts from the left side fork guard. Remove the plastic hose retainer and pull the hose out of the fork guard.
- 4 Using a 10mm socket, remove the two caliper carrier bolts from the left fork leg. (Fig. 1)
- 5 Remove the caliper from the left fork leg. Do not let it hang from the brake hose. Zip - tie the caliper up and out of the way.
- 6 Using a 10mm socket, remove the 4 handlebar clamp bolts. Remove the upper handlebar clamp(s). Lift the handlebar up and out of the lower mount(s). Zip-tie the handlebar out of the way.
- 7 Using a 10mm socket, loosen the 4 fork pinch bolts on the upper triple clamp.
- 8 For bikes with non adjustable pre-load caps - use a 24mm socket to loosen both of the fork caps. For bikes with pre-load adjustable caps - use the special fork cap socket (EE part #22-1001) to loosen both of the fork caps. Do not completely unscrew the fork caps yet.
- 9 Loosen the 4 or 6 (depending on model) fork pinch bolts on the lower triple clamp. Note: hang on to each fork leg as you loosen the last pinch bolt or the fork may drop out of the triple clamps. The forks should easily slide down and out of the triple clamps as you loosen the last pinch bolts on each side.
- 10 Clamp the bottom of the fork in the vice as shown in (Fig. 2)
- 11 Hold the outer fork tube with your hand and use a 24mm socket to unscrew the fork cap from the fork tube. Slide the fork tube all the way down.
- 12 Pull the spring down far enough to slide a 22mm open end wrench on the spring guide nut. While holding the spring guide nut, use a 24mm socket to loosen the fork cap from the cartridge rod. (Fig. 3)
- 13 Unscrew the fork cap from the cartridge rod and remove the fork cap and plastic pre-load spacer(s). (Fig. 4)
- 14 Remove the 22mm wrench from the fork guide nut and slide the fork spring up and out of the fork.
- 15 Insert the new spring in the fork. Pull the cartridge rod all the way up thru the center of the spring. Pull the new spring down enough to slide a 22mm open end wrench over the spring guide nut. Place the plastic pre-load spacer(s) in the fork cap. (Fig. 5) Thread the fork cap all the way on to the cartridge rod. While holding the spring guide nut with the 22mm wrench, use a 24mm socket on a torque wrench to torque the fork cap to manufacturer's specifications.
- 16 Slide the outer fork tube up and thread the fork cap into the fork tube.
- 17 Repeat steps 10 thru 16 for the other fork.
- 18 Re-install both forks in triple clamps. Torque the 4 or 6 (depending on model) lower triple clamp pinch bolts to manufacturer's specifications.
- 19 For bikes with non adjustable pre-load caps - use a 24mm socket on a torque wrench to torque both of the fork caps to manufacturer's specifications. For bikes with pre-load adjustable caps - use the special fork cap socket (EE part #22-1001) on a torque wrench to torque both of the fork caps to manufacturer's specifications.
- 20 Using a 10mm socket on a torque wrench, torque the 4 upper triple clamp pinch bolts to manufacturer's specifications.
- 21 Re-install the handlebar. Be sure to torque the 4 handlebar clamp bolts to manufacturer's specifications.
- 22 Apply thread lock to the two front caliper bolts. Re-install brake caliper and front wheel by reversing steps 5 thru 2. Torque the brake caliper mounting bolts, front axle nut, and axle pinch bolts to manufacturer's specifications.

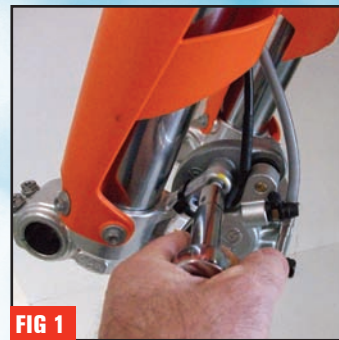
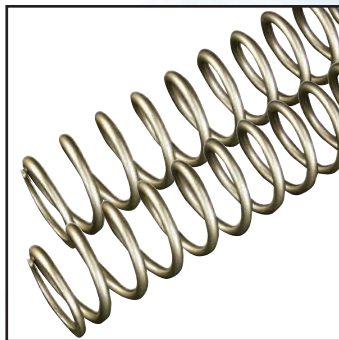


FIG 1



FIG 2

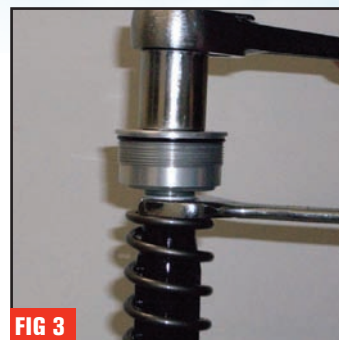


FIG 3



FIG 4



FIG 5

### WARNING AND DISCLAIMER

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## INSTRUCTIONS

### WP Open Chamber Fork Springs