

## Sprocket Bolt Kit Installation



FIG 1



FIG 2

- 1 Place motorcycle on a stand so that the rear wheel is off the ground.
- 2 Using the correct size socket remove the rear axle nut and slide rear axle out of the swing arm and rear wheel. Lift chain off of sprocket and slide wheel out of the swing arm.
- 3 Using the appropriate size Allen (Japanese bikes and older KTMs) or T-45 Torx (08 and newer KTMs) socket for the sprocket bolts and the correct size combination wrench to hold the nuts; remove all 6 sprocket nuts and bolts. (Figure 1)
- 4 If you are not installing a new sprocket, clean the mounting surface of the old one. Clean the sprocket mounting surface of the wheel hub, also. Check the hub for any signs of damage. Also check the sprocket mounting holes in the rear hub. If any of the holes show signs of wear or elongation (caused by riding with loose sprocket bolts) you will need to replace the sprocket and or hub.
- 5 Lay the sprocket on the hub with the counter sink side of the mounting holes facing up. (Figure 2) Line up the mounting holes. Insert the 6 new sprocket bolts through the mounting holes. Apply thread lock to each bolt and then install the new lock nuts on each new sprocket bolts.
- 6 Using an 8mm Allen socket on a torque wrench and a 12mm combination wrench to hold the lock nuts, tighten the sprocket bolts evenly until snug. Now torque them all to the motorcycle manufacturer's torque spec.
- 7 Slide wheel back into swing arm and put the chain back on the sprocket, then reinstall axle, adjuster plate and axle nut. Torque axle nut to manufacturer's torque specifications. Pump rear brake pedal to make sure brake pads are seated to disc and stopping properly.

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