

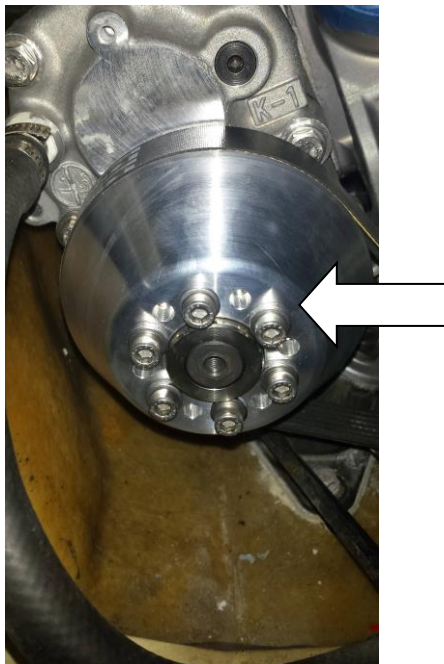
Kawasaki Ultra 316SS Idler Pulley and Supercharger Pulley Installation Instructions

Necessary Tools:

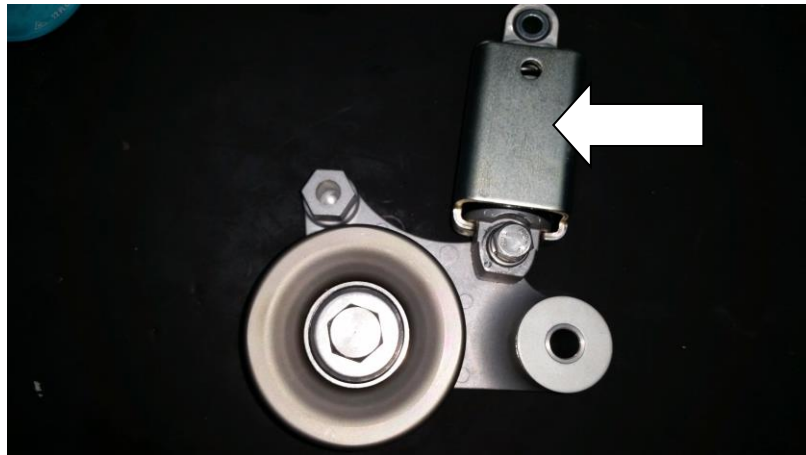
- 1) Breaker Bar
- 2) 3/8 to 1/2 Adapter
- 3) Ratchet
- 4) Metric Allen Key Set
- 5) OEM Spring Clamp

OEM Pulley Removal: (Note: Removal of water box is necessary)
For Idler replacement only, see section 2.

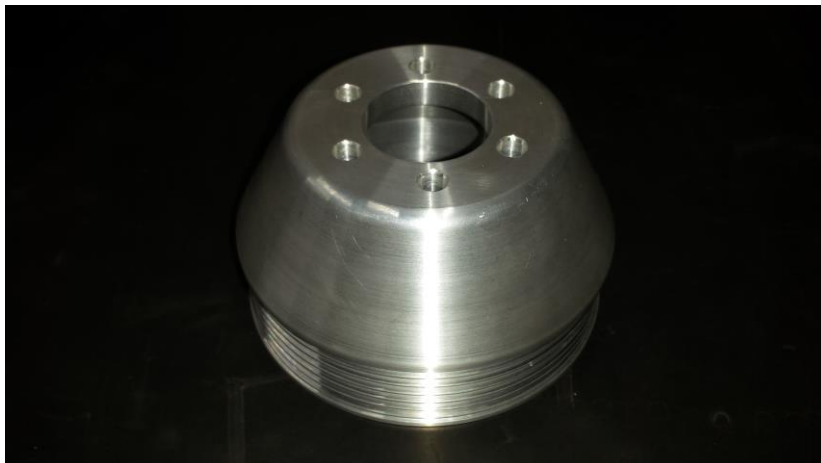
- 1) Loosen M6 socket cap screws on OE pulley. Note: leave tensioner and belt in place for this.



- 2) Using OE Spring Retaining Bracket, compress the spring enough to slide the bracket on. Remove tension, this will remove tension off your belt. NOTE: Not using this bracket can permanently damage your tensioner!



- 3) Now you can replace your supercharger pulley if necessary. Tighten the socket cap screws as much as possible, we will tighten those firmly later on.



- 4) Carefully loosen bolt on OE idler pulley. And remove idler pulley.



5) Now install KP 316SS idler pulley and hand tighten nut for now.



- 6) If you have removed your tensioner for this installation, now would be a good time to re-install it.
- 7) Using the $\frac{3}{4}$ inch socket, you may now remove the clamp from the tensioner spring. Make sure you have your belt on both pulleys!
- 8) Torque socket cap bolts on pulley to 106 in.lb. Torque bolt on new idler to 33 ft.lb.

NOTE*** This pulley is made for the most extreme environment. It comes with a limited lifetime warranty. KP recommends replacing the idler bearing at least 2x a season to prevent failure. This pulley required a stainless steel bearing, any steel bearing installed will ruin the bore on the pulley and loosen the press fit causing failure. Any use of a steel bearing will void this warranty. These pulleys are designed to last a very long time, wear and tear or neglect is not covered under warranty.

Installation Complete!

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