

KP Kawasaki Ultra 250X and 260X Automatic Tensioner



Necessary Tools:

- 1) 3/8 Ratchet
- 2) 13mm Socket
- 3) 3/8 to 1/2 Adapter
- 4) Breaker Bar
- 5) 17mm Socket
- 6) 3/4" Socket

Overview:

This product was designed by Kawi Performance LLC to improve reliability of the Kawasaki ultra 250 and 260 jet skis. The tensioner system on these jet skis are well known for breaking belts and can be quite a pain to adjust correctly. Improper tension can cause many issues including supercharger failure. Proper belt tension is crucial for consistent operation. This tensioner has been designed for racing in mind but also great for the everyday rider. Belts will now last 200+ hours. This tensioner will compensate for all conditions such as temperature, high load, and belt wear.

Warranty Information:

KP offers a standard 1 year limited warranty with this tensioner, which covers any manufacturer defects. This warranty does not include neglect, corrosion, lack of maintenance, or bearing replacement. This is up to the user and must be maintained regularly to avoid any issues. Please see section after installation instructions for proper maintenance.

INSTALLATION:

NOTE: PLEASE READ THIS MANUAL BEFORE PERFORMING INSTALLATION. IF THERE IS A PART YOU DO NOT UNDERSTAND, PLEASE REFER TO OUR VIDEO OR GIVE US A CALL. PLEASE TAKE YOUR TIME WITH THIS INSTALLATION!

1. Please remove old tensioner completely.
2. Your new tensioner will come completely assembled with bracket.
3. Remove the two bolts holding the motor hoist bracket to the engine. See picture below.



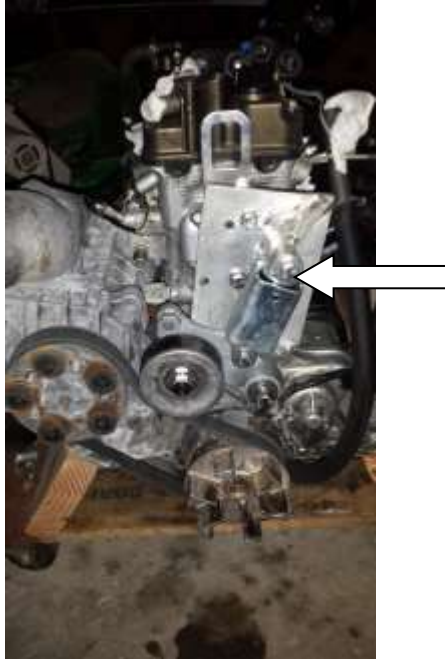
- 4) Loosen and remove top tensioner bolt attached to the spring as shown below. This will allow the arm to move freely. **DO NOT REMOVE CLAMP ON SPRING UNDER ANY CIRCUMSTANCES!**



- 5) Next take the two long 8mm bolts and hand tighten them in the top two holes on the bracket. Make sure that they are loose and the motor hoist bracket sits in between as shown below.



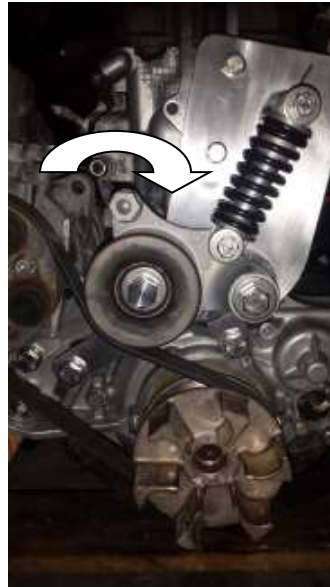
- 6) Next, you can hand tighten the two 10mm bolts on the bottom two locations. You may need to move the bracket side to side to align the holes.
- 7) Once all mount bolts have been installed, please torque the top 8mm to 22 ft-lb. And torque bottom two m10 bolts to 33 ft-lb. Please make sure to apply plenty of antisieze lubricant to threads.
- 8) Now, you can go ahead and rest the pulley on the belt. You can now install that 8mm bolt we took out earlier. Some force may be needed to push down on pulley to align the bolt hole if a new belt is used. Be VERY careful not to cross thread the hole. The bolt should screw in quite easily once lined up. Torque bolt to 22ft.lb. Please view picture below.



9) Now that you have everything in place, you can remove the spring clamp and put tension on the belt. To do this, use the $\frac{3}{4}$ inch socket we supplied with this kit. Attach this to your breaker bar. Slide the $\frac{3}{4}$ socket over the nut on the bracket arm as shown below.



10) Facing the bracket, turn the breaker bar clockwise until you can pull off the metal bracket over the spring. Some force may be required to compress the spring. Slowly lower the arm so that the pulley sits firmly on the belt. **NOTE: DO NOT LET THE ARM SWING ONTO THE BELT.** This can damage the belt, tensioner or supercharger.



11) Installation complete, your tensioner is ready for use!

12) ****NOTE**** Never let the spring swing completely open, or it will need to be replaced. If you need to remove the tensioner for any reason, please make sure to compress the spring slowly and reinstall the bracket over the spring to hold it in place.

Maintenance:

Your automatic tensioner comes pre-lubricated from KP. We use antisieze on all hardware. Standard maintenance is recommended seasonally for freshwater and monthly for saltwater, even if it is NOT used! For fresh water, we recommend replacing the pulley bearing every season. Also lubricating all moving joints with antisieze, making sure everything moves freely. If not, work it in. If some parts are worn,

we do sell replacements. For saltwater, please inspect bearing for smooth rotation monthly. Any sign of bearing rust, should be inspected thoroughly. Bearings are stainless, but water intrusion will cause rapid failure and can break a belt, or worse. It is essential to lubricate all moving parts with antisieze monthly on a saltwater machine. ****NOTE**** Do not spray with any lubricant and do not get anything on pulley or belt!

Please contact us if you have any questions at all!

Installation Complete!

Installation guide provided by kawiperformance.com

****This is property of Kawi Performance LLC. DO NOT COPY!****