

# Olson Kustom Works

(949)742-0613 Jesse@OKW-Inc.com

## 8 Rib Upgrade Pulley for Gates Tensioners Rev2.0

Thank you for your purchase from OKW. If you have any questions about your products feel free to call or email! A copy of this manual is available on our website, OKW-Inc.com under "Products"

Remove the stock tensioner idler bolt and washer, **THE BOLT IS A LEFT HAND REVERSE THREAD!!!!!!!!!!**. The large metal washer behind the bolt needs to be ground down about 1/8" all the way around the outside to clear the body of the new idler.



Using a shop press, press out the existing bearing in the steel pulley supplied with your Gates tensioner. **PRESS ONLY BY THE OUTER RACE!!!! Do not, I REPEAT, DO NOT** press the bearing out by its inner race, or you will destroy the bearing.

If you do kill the bearing, or prefer to just use a new one, the PN is 30BD40 on Amazon or VXB Bearings.

To make installation easier, heat the new pulley shell to 200°F and apply a small amount of grease to the OD of the bearing. Press the bearing in, again **ONLY** using the outer race. Press it until it stops against the shoulder machined into the pulley. There is no side load on these from the belt, so there should never be a situation where the bearing would come back out unless pressed out. We also make the bore slightly smaller than the stock pulley to get the most secure fit possible.

The pulley is engraved, and the engraved side (side without the step on the ID) faces forward towards the radiator (towards the arm of the tensioner). The step in the pulley will hit the body of the tensioner if its installed backwards. If you can read the engraving on the pulley once you install the entire tensioner, its correct. Make sure it spins freely.

On the Rev 2.0 pulley bodies, a snap ring has been added to help retain the bearing in the pulley. The snap ring WILL interfere with the body of the tensioner, so some clearance grinding is needed before final pulley install. The area in red needs to be ground down at an angle to clear. Please test fit the pulley a few times and make sure it spins freely before running on the engine with a belt.

