

Olson Kustom Works

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V1/G8 Front Accessory Drive Kit For LSA Superchargers

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"

Kit Contents:

LSA Specific 8 Rib Upper Pulley 2.45" Diameter (Already Installed On Modified Snout)

OKW Billet Idler Pulley (Either HD or SD)

Billet Idler Pulley Bracket

M10x30mm Bolt

10mm Large Fender Washer

3x M8x90mm Flat Head Bolt (Black Oxide, Hex Drive)

Install Instructions for bracket kit:

1. Remove the serpentine belt.
2. On the drivers side of the water pump, remove all 3 bolts, they should be a 10mm or 13mm socket.
3. Remove the factory idler by the alternator
4. The upper part of the bracket will possibly touch one of the power steering bracket bolts, and needs to be ground down a little bit as well. Its a 15mm bolt, shown in this picture.



5. The bracket only installs one way, use the 3 flat head bolts, go through the bracket, water pump, and into the block. Make sure that the bracket sits flush against the water pump, and doesn't hit the bolt that was ground down on the power steering bracket in step 4, if it hits, the idler will be sideways and will toss belts. **Use a piece of paper or a credit card to verify there is a small gap behind the bracket once its bolted in place.**



6. The above picture is the OLDER revision of the idler bracket, but placement is the same.
7. Torque the 3- 8mm water pump bolts to 18 ft lbs.
8. Take the included idler, 30mm bolt and fender washer, and install them onto the idler bracket.
9. Torque the 10mm idler bolt to 37 ft lbs. Install the factory idler that was removed in step 3 as well, same torque spec.
10. **PLEASE NOTE IN A 6 RIB SETUP, THE BELT WILL RUN ON THE REAR 6 RIBS OF THE BLOWER PULLEY.**

Belt Measurement:

- Once your blower is installed, you need to measure for a belt. Belt routing is pictured below. The easiest way to measure is using wire or string. The part number of a belt is the key to getting the right one. There are 2 formats. The "K" is the belt profile, the 6 is the number of ribs, and the number after that is either the length in inches or CM. A 1010K6 is a 6 rib K belt 101.0 inches long. Same belt is also a 6PK2565 (256.5cm).
- Now for the measuring:
- Take a string or wire and wrap the pulleys following the picture below. Mark or cut the string/wire where they meet. Since belts are measured from the BACK of the belt, and you are measuring in the groove, this will give you the closest measurement. Leave the tensioner alone while measuring with the string, since it will throw off your measurement. Get a belt that BARELY fits, to the point where you MAY have to loosen an idler to get it on. During the first 50 miles of driving the belt will stretch almost 1" in overall length. It may seem too tight at first, but will stretch to its final size, and be close to ideal after and sit right in the middle of the tensioner.
- **THERE IS A LINK ON OUR WEBSITE TO FIND CORRECT BELT PART NUMBERS BY LENGTH AND ANY PARTS STORE CAN INTERCHANGE THESE NUMBERS WITH ALL BRANDS. IF YOU MESSAGE ME ASKING ABOUT BELT LENGTHS I WILL ASSUME YOU WERE DROPPED AS A CHILD AND CANT READ SIMPLE INSTRUCTIONS!!!!**
- Belt Routing ,V1 and G8 are similar)

