



**INSTALLATION INSTRUCTIONS
P/N 23600
DRY SUMP OR EXTERNAL OIL PUMP DRIVE KIT**

NOTE: Complete Item 1 below before mounting dampener on crankshaft.

1. Mount the Steel Hub by placing the half-round Woodruff Key into the slot in the large end of the steel hub. Then tap the hub into your dampener making sure that the key lines up with the dampener slot.
2. Push the long square key into the front hub shaft.
3. After installing the hub into the dampener, place a .250 spacer over the hub. If you are using a 1/4" thick motor-plate, next install belt guides over the hub and then slide the v-belt pulley on next. The shims come in varying thicknesses to help maintain proper pulley alignment. Next install the small Gilmer pulley on the hub followed by the stepped-end washer.
4. Thread the 5" bolt into the crankshaft through the entire drive assembly and torque to 75 ft./lbs. It is recommended that Loctite be used on the bolt.
5. Push the shorter square key into the dry sump pump drive shaft and slide the larger aluminum Gilmer pulley onto this shaft. Align the pump pulley with the drive pulley by placing a straight edge across their faces. Then, install four 10-32 set screws into the pulley holes and tighten.
6. Install the Gilmer drive belt and adjust tension to approximately 3/8" slack. After the engine has been run and is hot, check belt tension again. It should not have less than 1/4" slack when hot. Grease should be kept off the belt surfaces at all times.

PARTS LIST

1 – Steel Hub	1 – Gilmer Drive Belt	1 – V-Belt Pulley
1 – Small Dia. Gilmer Pulley	1 – Large Dia. Gilmer Pulley	1 – 1/4" Aluminum Spacer
1 – Stepped End Washer	1 – 5" Bolt	1 – Woodruff Key
1 – Long Square Key	1 – Short Square Key	4 – 10-32 Set Screws
2 - .093 Belt Guides	1 - .032 Belt Guide	2 - .062 Belt Guides

**For Technical Assistance, Call Moroso's Tech Line at
(203) 458-0542, 458-0546 8:30am – 5:00pm Eastern Time**

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