



INSTALLATION INSTRUCTIONS

P/N 23610

DRY SUMP OR EXTERNAL OIL PUMP DRIVE KIT - DRAG RACE BIG BLOCK CHEVY WITH CRANKSHAFT DRIVEN WATER PUMP. USE WITH PART #22600 EXTERNAL OIL PUMP AND PART #22560 DRY SUMP OIL PUMP

NOTE: COMPLETE ITEM #1 BELOW BEFORE MOUNTING DAMPENER ON CRANKSHAFT.

1. Mount the steel hub by placing the steel hub into dampener and use the two 3/16" holes in the hub as guides to drill into the dampener. Drill holes approximately 1/2" deep. Disassemble and clean all parts. Install dampener on crankshaft and install steel hub into dampener. Use the two 3/16" x 1" split pins to secure steel hub into dampener.
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 all 4 aluminum shims over the hub and then slide the V-belt pulley on next. The shims come in varying thickness' to help maintain proper pulley alignment. **NOTE: If you are not using a motor plate, delete the use of the shims and machine .250" from the front of the hub.** Next, install the small Gilmer pulley on the hub, followed by the stepped end washer.
4. Thread the 3 1/2" bolt into the crankshaft through the entire drive assembly and torque to 75 ft./lbs. It is recommended that Loctite be used on this 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 and oil should be kept off the belt surfaces at all times.

PARTS LIST

1 STEEL HUB	1 GILMER DRIVE BELT	1 3 1/2" BOLT
1 V-BELT PULLEY	1 SMALL DIA. GILMER PULLEY	1 LG. DIA. GILMER PULLEY
1 1/4" ALUMINUM SPACER	1 STEPPED END WASHER	2 3/16 X 1" ROLL PINS
1 LONG SQUARE KEY	1 SHORT SQUARE KEY	4 10-32 SET SCREWS
1 .093 ALUMINUM SHIM	1 .032 ALUMINUM SHIM	2 .062 ALUMINUM SHIM

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

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