



## Oil Pump Dyno Technical Information

The Oil Pump Dyno is a very clever yet simple tool. Designed to test oil pumps, the dyno is typically used by professional engine builders. Included with the product are a pressure gauge, a machined block, and three drive shafts for turning the oil pumps.

The Oil Pump Dyno can be used with Small and Big Block Ford, Chevrolet, and Chrysler Oil Pumps.

### *Operating Instructions:*

This quality tool will allow you to “Dyno” Small and Big block Chevrolet, Chrysler and Ford oil pumps. You can determine and set your pumps relief pressure before engine assembly. You can also check pumps for wear. In the hinged container you should have the following components:

1. **Oil Pump Dyno**
2. **Pressure Gauge**
3. **Chevrolet Drive shaft**
4. **5/16” Hex Drive shaft**
5. **3/8” Hex Drive shaft**

Bolt your Oil Pump Dyno on the dyno in its respective place. Make sure you have the oil pick up installed. Thread in gauge on the opposite side of the block. Carefully clamp the unused end of the dyno in a bench vise. Place a container of oil underneath the pump so that the pick-up is submerged in oil. Note: make sure the oil is at normal operating temperature to get the most accurate reading. Use a large drill and the proper drive shaft to spin the pump at a minimum of 500 – 700 rpm. Shim spring and/or modify pump as necessary. Remember to record all readings and modifications for future reference. This allows you to re-perform the procedure to check the pump for wear.