



## Chevrolet Billet Mechanical Water Pump WP400 & WP401

### **In The Box**

- 1 Pump
- 4 3/8 – 16 x 1-1/4 stainless socket head bolts
- 4 3/8 AN washers
- 2 Flange gaskets

### **To Do The Job You'll Need**

- \* Scraper or wire brush
- \* Brake cleaner
- \* Sealant; Form A Gasket (Aviation), Form A Gasket 2 (Non-Hardening), Gaskacinch or RTV silicon
- \* 5/16 hex socket
- \* Drive pulley and pulley mounting hardware

### **Mounting**

Remove stock water pump. Clean and degrease gasket area. Be sure to coat both sides of the gasket with recommended sealant. Tack gaskets to back of the Meziere pump and align gasket to bolt holes. Apply a small amount of sealant to the treads of the hardware provided to prevent leaks. Bolt pump in place. **Run all four bolts up snug before tightening to recommended 35 ft./ lbs.**

### **Pulley**

Drive pulley size should be equal to or smaller than the crankshaft pulley to maximize performance. This water pump requires very little horsepower to operate and is not prone to cavitation, so there is no need to under drive it. **The drive flange is very close to the bearing housing. Make sure pulley bolts have proper clearance.**

### **Plumbing**

If ordered (PORTED) we offer six adapter fittings (to plumb bypass and heater returns) (-08 WPM08, -10 WPM10, 1/2 Hose WPM12, 5/8 Hose WPM58, 3/4 Hose WPM34) The 1-3/4 hose should match your stock lower radiator hose. Some applications call for 1-7/8 hose (use of an oversized hose is not recommended).

### **Bypass**

Some early Chevrolet water pumps are equipped with an integrated bypass located on the passenger side outlet flange. The Meziere Billet pump has no provision for this type of bypass. Some type of bypass is necessary when using a thermostat. The return ports on the top of the pump can be used for bypass (if ordered PORTED) or the thermostat can be drilled to provide water flow prior to the thermostat opening. **If you drill the thermostat it will take longer to reach operating temperature.**

### **Running**

Fill the cooling system. Replace fill cap and run engine for a minute or two. Remove fill cap and top off coolant level. Recheck level (cold) after one heat cycle.

### **Beauty Tip**

If anodized your pump comes to you polished and waxed. An occasional waxing will allow dirt or debris to be wiped right off the pump and also offer some protection from UV light (the anodized color on your can fade from prolonged exposure to sunlight).

Thank you for purchasing our product. Feel free to contact us if we can be of further assistance and enjoy your pump for a long, long time.