

**Application Note:**

WP173 fits SB Ford 1994 1/2 and up 302 and 351 engines. Common aftermarket belt drives use this pump. Ford timing cover requires back plate WP174.

Installation Instructions

WP173 SB Ford Centrifugal 12V Pump

In The Box:

- 1 Electric Pump WP173
- 4 5/16-18 x 3.25" Long SSSHCS bolts and washers
- 1 1" NPT Plug
- 2 Flange Gaskets WPG173
- 1 Wiring harness w/ 20 amp fuse
- 2 Contingency Decals

The inlet fitting must be ordered separately to match your lower radiator hose type and size.

**To Do the Job You Will Need:**

- Scraper or wire brush
- Brake Cleaner
- Sealant; Form-a-gasket (Aviation), Form-A-Gasket 2 (Non-Hardening), Gaskacinch or RTV silicone
- Thread sealant; RTV silicone or liquid pipe thread sealant
- 1/4" hex socket
- 1/2" drive ratchet
- Spanner wrench

Mounting the Back Plate (94 and up timing cover):

Remove stock water pump, clean and degrease the gasket surface. Apply sealant to both sides of factory gasket and tack to the backside of the Meziere back plate WP174. Align gasket to bolt holes and bolt to timing cover using 5/16"-18 hardware provided.

Mounting the Pump:

Be sure to use a proper sealant on both sides of the mounting flange gaskets. Bolt pump in place using 5/16"-18 x 3.25" hardware provided. Tighten all four bolts to the recommended 15 ft./lbs.

Inlet:

Our hose inlets are designed to be tightened using a spanner wrench. We understand that not every mechanic owns a spanner wrench. The job can be done using a pair of drill bits placed in the spanner holes and a screwdriver bridged across the drill bits (see photo on the right). **It is necessary to use a small amount of RTV silicone or liquid pipe thread sealant on the 1" pipe threads of the inlet and plug.**

**Wiring the Pump:**

Use the fused harness supplied with the pump.

The **BLUE** wire should be connected to a 12 volt positive (+) switched source.

The **BLACK** wire should be connected to ground.

Supply and ground wires should be 14 gauge minimum. All switches should be rated at 20 amps or better.

WARNING: Not using a protection circuit (Fused circuit) will void your warranty.

Startup / Running:

Fill the cooling system. Replace fill cap and turn on pump. Remove fill cap and top off coolant level. Recheck level after one heat cycle. **DO NOT RUN PUMP DRY for more than a few seconds.**

Beauty Tip:

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

California Proposition 65 Warning: Please see reverse side for Prop 65 information.

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California Proposition 65 Warning

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

WARNING: Motor vehicles contain fuel, oils and fluids, battery posts, terminals and related accessories which contain lead and lead compounds and other chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. These chemicals are found in vehicles, vehicle parts and accessories, both new and as replacements. When being serviced, these vehicles generate used oil, waste fluids, grease, fumes and particulates, all known to the State of California to cause cancer, birth defects, and reproductive harm.

For background on the new Proposition 65 warnings, see:
<https://www.p65warnings.ca.gov/new-proposition-65-warnings>

Proposition 65 and its regulations are posted at:
<https://oehha.ca.gov/proposition-65/law/proposition-65-law-and-regulations>

To give Meziere notice of an alleged violation of California Health and Safety Code Section 25249.5 or 25249.6, you must send notice to:
meziere@meziere.com