

**Application Note:**

WP125 fits V6 models 169-274 as well as V8 models 215-350.

Installation Instructions WP125 SB Buick Centrifugal 12V Pump

In The Box:

- 1 Electric Pump WP125
- 4 O-Rings (Sizes: -239, -215, -214, -205).
- 1 Mounting plate
- 4 5/16-18 x 4
- 1 10/24 x 3/8 Button head bleed screw
- 1 5/16 – 18 x 7/8 stainless socket head bolt
- 5 1/4 – 20 x 3/4 stainless socket head bolts
- 3 10/24 x 2 1/4 socket head screws (modified to clear front plate)
- 1 10/24 x 1 3/4 socket head screw
- 1 Bypass port plug
- 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
- Stock water pump gasket
- Loctite 290 or 242 thread locker
- 1/4, 3/16 and 5/32 hex sockets or wrenches
- Spanner wrench or see Inlet section for substitute procedure

Mounting the adapter plate:

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. Align gasket to bolt holes. Insert the 1/4 –20 and 5/16-18 screws into the plate to keep the gasket aligned when mounting. Run the bolts up snug before you torque them to 76 in.-lbs. and 15 ft.-lbs. respectively. It's a good idea to let the gasket settle for a few minutes then re-torque them.

Mounting the pump:

Three o-rings are used to seal the pump to the adapter plate, no gasket or sealant is required. A small amount of grease or vaseline can be used to hold the o-rings in place. Attach the pump to the adapter plate using the four 10-24 screws supplied. Use Loctite 290 or 242 on these screws.

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.**

**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.

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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 below for Prop 65 information.

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