



Installation Instructions WP118 GM LT-1 12V Pump

In The Box:

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| 1 | Electric Pump WP118 |
| 1 | 1-1/8" deep brass freeze plug PC25B |
| 1 | WPG118 O-Ring (-153) |
| 1 | Wiring harness w/ 20 amp fuse |
| 2 | Contingency Decals |



To Do the Job You Will Need:

- A few metric hand tools
- Hydraulic press
- Scraper or wire brush
- Brake Cleaner
- Sealant; Form-a-gasket (Aviation), Form-A-Gasket 2 (Non-Hardening), Gaskacinch or RTV silicone
- Factory water pump housing to block gaskets P/N 10128343
- Grease or petroleum jelly

Disassembly:

Remove factory water pump housing. Remove the six-bolt inspection cover. Clean the mounting surface on the housing and the engine block. At this point the stock mechanical pump components must be removed from the housing (i.e. impeller and bearing / seal assy.). Some technical experience is required. If you do not have access to the proper equipment or feel unqualified, please consult an automotive machine shop for help in completing this part of the job.

Place the housing face up in the hydraulic press resting the gasket surface centered on the shaft. It is necessary to support the back of the pump housing near the water neck to prevent it from rocking back when force is applied by the press. Use a pin or dowel (about 5/16 x 1 1/2) to press the bearing assembly out of the impeller and housing.

Assembly:

Clean the bearing bore and install the supplied freeze plug from the inside of the pump use Permatex Form A Gasket or Loctite Sleeve/Bearing retainer on the bore. You may choose to plug some of the factory water ports at this time. Now you are ready to reinstall the pump housing. The Meziere pump can be mounted before or after the pump housing is installed on the engine. Use recommended sealant on the factory-mounting gasket. No sealant is used on the o-ring seal. Grease or Vaseline can be used to lubricate the o-ring to prevent pinching or twisting. Reuse the factory inspection cover bolts to attach the Meziere pump (do not over tighten).

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