



WP118 GM LT-1 Electric Water Pump

In The Box You Will Find:

- 1 Electric Water Pump
- 1 1-1/8 deep brass freeze plug PC25B
- 1 Wiring harness w/ 20 amp fuse
- 2 Contingency stickers

To Do The Job You Will Need:

A few metric hand tools

Hydraulic press

Scraper or wire brush

Brake cleaner

Recommended 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

Factory inspection cover o-ring P/N 10128329

Grease or Vaseline (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 **BLUE** wire connects to **positive (+)**

The **BLACK** wire connects to chassis ground or battery **negative (-)**

TO AVOID MOTOR FAILURE, be sure to use the fuse holder supplied with the harness or install your own 15 to 20 amp fuse and holder **WARNING: NOT USING A PROTECTION CIRCUIT WILL VOID YOUR WARRANTY.**

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. 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 pump 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 time.

WARNING: NOT USING A FUSE CIRCUIT WILL VOID YOUR WARRANTY.