



## GM LS-1 Electric Water Pump WP119

### In The Box

- 1 Pump
- 1 1" NPT Plug
- 6 8mm x 1.50 x 25 stainless socket head bolts
- 6 5/16 AN washers
- 1 Wiring harness w/ 20 amp fuse
- 2 Contingency Decals

**The inlet fitting must be ordered separately to match your lower radiator hose or AN fitting**

### To Do the Job

- \* Scraper or wire brush
- \* Brake cleaner
- \* Sealant; Form A Gasket (Aviation), Form A Gasket 2 (Non-Hardening), Gaskacinch or RTV silicon
- \* Thread sealant: RTV silicon or liquid pipe thread sealant
- \* 6mm hex socket
- \* Inlet and outlet fittings (a WP1125 inlet fitting is required for the water outlet)
- \* Spanner wrench or see **Inlet** section for substitute procedure

### Mounting

Remove stock water pump. Clean and degrease gasket surface. Coat both sides of the gasket with recommended sealant. Tack gaskets to back of the pump and align gasket to bolt holes. Apply a small amount of sealant to the threads of the hardware to prevent leaks. Bolt pump in place. **Snug fasteners before tightening to recommended 25 ft/lbs.**

### Inlet/Outlet

Our hose inlets are designed to be tightened using 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. It is necessary to use a small amount of RTV silicon or liquid pipe thread sealant on the 1" pipe threads of the inlet and the plug to prevent leaks.

### Wiring

The **BLUE** wire connects to **positive (+)** ignition (Key On)

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, long time.

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