

**Application Note:**

WP314 fits Gen III Hemi 5.7-6.1 and up. For race only or highly modified street vehicles which do not require factory accessory belt routing.

Installation Instructions

WP314 Gen III Mopar Hemi Centrifugal 12V Pump

In The Box:

- 1 Electric Pump WP314
- 4 M8 x 90 SSSHCS and washers
- 2 M8 x 35 SSSHCS and washers
- 1 WN0032 Fitting for 1.5" hose
- 1 Wiring harness w/ 20 amp fuse
- 2 Contingency Decals

If you need an inlet fitting other than 1.5", it 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
- Thread sealant; RTV silicone or liquid pipe thread sealant
- 8 MM hex socket
- Factory water pump gasket #4792922AA (Or possibly re-use yours)

Mounting the Back Plate:

If you are using an engine front plate in your race car you may not need the WP315 back plate. If this is the situation make sure you have a good seal between the front plate and front cover. Remove stock water pump, clean and degrease the gasket surface. The Meziere back plate P/N WP315 will accept the factory rubber O-ring type gasket. Seat the gasket in the groove and install the back plate using hardware provided. As a note: If you want to block off the heater port that exits out the back of the front cover; remove the tube and tap with a 3/8 pipe tap. Tap deep enough to allow a hex plug to go down flush. Always use sealant on these threads. The WP315 back plate comes with a 1 1/2" return hose fitting. Also (2) M8 x 90, (3) M8 x 35 stainless socket head bolts and 5x 5/16" AN washers. 2x WPO-223 o-rings.

Mounting the Pump:

The Meziere pump seals to the back plate using the two O-rings supplied, (no gaskets or sealants are required) a small amount of grease or Vaseline can be used to hold the O-rings in place. Bolt pump in place using hardware provided. Run all four long bolts up snug before tightening to 15 Ft.-Lbs. The short bolts on the outer edge need to be snug. **DO NOT OVER TORQUE.**

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.

Using a relay:

We suggest for continuous duty use to use a relay. They pumps can draw over 10 AMPS continuous 20 + instantaneous. The use of a relay (our part number WIK346) is suggested to keep from damaging a lower amperage switch or circuit.

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.

Meziere Enterprises 220 S. Hale Ave. Escondido, CA 92029 760-746-3273

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