



EFI HEMI MOPAR Electric Water Pump WP314 (Race Version 5.7- 6.1 and up)

This pump is intended for race vehicles or highly modified street vehicles that don't require factory accessory belt routing.

In The Box

- 1 WP314 Electric Water Pump
- 4 M8 x 90 stainless socket head bolts
- 2 M8 x 35 stainless socket head bolts
- 6 5/16" AN washers
- 1 WN0032 1 1/2" hose fitting
- 1 Wiring harness w/ 20 amp fuse
- 2 Meziere decals

Inlet fittings other than 1 1/2" must be ordered separately to match your lower radiator hose or AN fitting

To Do the Job you'll need

- Scraper or wire brush
- Brake cleaner
- Thread sealant; RTV silicone or liquid pipe thread sealant
- 8mm hex socket
- Factory water pump gasket # 4792922AA (you may be able to reuse yours)

Mounting the Back Plate (WP315)

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 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 25 ft. / lbs. The short bolts on the outer edge need to be snug. DO NOT OVER TORQUE.**

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.**

Wiring

The **BLUE** wire connects to **positive (+)**

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

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.

TO AVOID MOTOR FAILURE, be sure to use the fuse holder supplied with the harness or install your own 10 to 30 amp fuse and holder. **WARNING: NOT USING A FUSE CIRCUIT WILL VOID YOUR WARRANTY.**

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.

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