



Application note:

Fits most Modular 4.6, 5.4, V10 1996 to present. Minor idler bracket mods required on Cobra applications.

WP349 Ford Modular High Flow Pump (Page 1 of 2)

In The Box:

- | | |
|---|-------------------------------|
| 1 | Electric Water Pump |
| 4 | 8mm x 25mm SSHCS and washers |
| 1 | Wiring harness w/ 20 amp fuse |
| 2 | Contingency decals |

To do the job, you will need:

- Tie wraps
- Scraper or wire brush
- Brake cleaner
- Light grease or oil
- Metric hex socket tools
- Basic wiring tool and crimp ends



Removing the stock pump:

1. Drain coolant. (when the engine has cooled)
2. Loosen all four bolts on the water pump pulley.
3. Use ratchet (late model tensioner) or pry bar (early model tensioner) to release the belt tension and remove the drive belt from the water pump pulley.
4. Remove four drive flange bolts and the water pump pulley.
5. Remove four mounting bolts and the water pump.
6. Clean the face and bore of the water pump mating area.

Mounting the Pump:

1. Lubricate the o-ring.
2. Align the Meziere water pump with the bolt pattern in the block and push into place. Bolt the pump in place using the supplies stainless hardware and snug evenly. Use a small amount of thread locking compound on the mounting bolts. Tighten all four to 18 Ft.-Lbs.
3. Route the wires away from any rotating parts or pinch areas and use zip-ties to secure.
4. Reinstall the drive belt. Check clearance between tensioner and idler pulley, an alternate belt size may be necessary on some applications.
5. Check to make sure no brackets or other parts will need to be moved or modified as this pump does occupy more space than the original or our WP-346 series pumps.
6. Refill the cooling system.

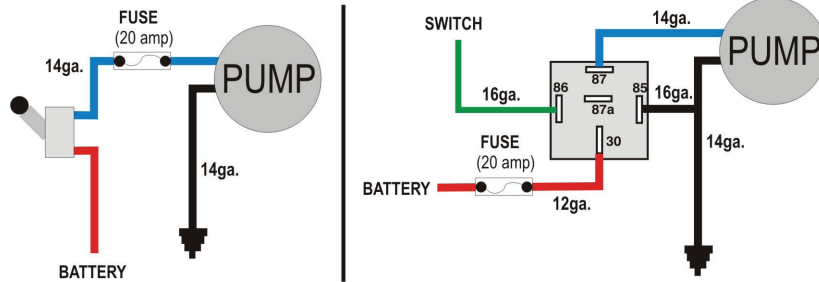
Wiring the Pump:

The black wire should be routed to ground. The blue wire should be routed to an ignition hot source. If the wire you intend to use as the power source is not large enough to carry the extra current that the pump will demand (11-15 amps) you should consider using a relay. Most applications will require this. Meziere offers a generic wiring kit # WIK346 for this purpose.

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Wiring Precaution:

WARNING: Not using a protection circuit (fused circuit) will void your warranty.

Refilling the System:

After filling, replace the fill cap and turn on the pump. Remove the fill cap and top off the coolant level. Recheck level (cold) 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 below for Prop 65 information.

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

Thank you for purchasing our product. Feel free to contact us if we can be of further assistance and enjoy your pump.

WARNING: RUNNING THE PUMP WITHOUT THE FUSED CIRCUIT WILL VOID YOUR WARRANTY.

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