



WP342, WP343, WP344 Ford Coyote

Electric water pump with idler pulley.

In The Box

- 1 Pump
- 1 Wiring harness w/ 20 amp fuse
- 2 Contingency stickers

To Do The Job You'll Need

- * 8mm, 10mm, 14mm, 3/8 Drive Sockets, Ratchet, and Extension
- * 6mm. Hex Wrench
- * Light grease
- * Wire Crimper / Stripper

Optional Installation Kit p/n WIK346

- * 30 amp relay w/diode
- * Wiring Harness w/ 20 AMP Fuse
- * 1 – 18-22ga. T- Tap
- * 1– 18-22ga. Male Spade Terminal
- * 1 – 10-12ga. Ring Terminal
- * 1 – 14-16ga. Ring Terminal
- * 1 – 14-16ga. Butt Splice
- * Instructions for optional kit installation

Disassembly

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

Assembly

7. Grease the o-ring
8. Align the Meziere water pump with the bolt pattern in the block and push pump into place.
9. Start the mounting bolts, then run the bolts in evenly.
10. Route the wires under the alternator.
11. Reinstall the drive belt. (Check clearance between tensioner and idler pulley, a shorter belt may be necessary on some applications).
12. 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 pump.
13. Refill cooling system.

Running

Fill the cooling system. Replace fill cap and turn on pump. Remove fill cap and top off coolant level. Recheck level (cold) after one heat cycle. **DO NOT RUN PUMP DRY for more than a few seconds.**

Wiring

Disconnect the ground lead from the battery post.

The **BLUE** wire connects to **positive** (+) It should be a switched source. Consult a wiring diagram of your model car to locate and “T” tap that wire.

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 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, long time.

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