

Installation Instructions for 50916 Electric Water Pump for Small Block Ford

NOTE: The heater bypass hoses will NOT be reused. This electric water pump eliminates the heater bypass. The bypass connection(s) at the thermostat housing and at the fire wall will have to be capped off.

Disassembly:

1. Disconnect the negative battery cable.
2. Drain coolant by removing the lower radiator hose at the radiator into a clean container.
3. Remove and inspect all coolant hoses.
4. Remove stock water pump.
5. Clean and inspect the gasket surface on the timing cover.

Installation:

1. Install the hose adapter into the desired side of the water pump using a 1-3/4" wrench. Plug the other side with the included hex plug.
2. Apply small amount of sealant on both sides of gasket.
3. Attach gasket to the timing cover.
4. Mount the backing plate using **ONLY** the three top mounting bolts. Run these bolts down snug.
5. Mount the water pump to the backing plate using the 5/16" bolts supplied with the water pump. Run these bolts down snug.
6. Tightening all bolts to 25 ft./lbs. Repeat after one heat cycle.
7. Reattach all coolant hoses.

Wiring:

- Connect the **BLUE** wire to 12-volt **positive (+)** using a 20 amp inline fuse and fuse holder
- Connect the **BLACK** wire to battery **negative (-)**

WARNING: NOT USING A FUSED CIRCUIT WILL VOID YOUR WARRANTY.

Running:

1. Reconnect the negative battery cable.
2. Fill the cooling system.
3. Replace fill cap and turn on pump.
4. 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.



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