



# INSTALLATION INSTRUCTIONS

## #1362 LT1 Water Pump

### IMPORTANT

CAREFULLY READ THESE INSTRUCTIONS BEFORE INSTALLATION!

*Proper installation of this water pump is the responsibility of the installer. Improper installation will void your warranty and may result in vehicle damage or personal injury. Always refer to your vehicle manufacturers repair manual for exact replacement procedure and torque specifications when replacing your water pump. If you do not feel qualified to perform this installation, have a qualified mechanic install the pump. If you have any installation questions, call our Tech Service personnel at 216-961-1800 from 7am to 4pm EST.*

### CAUTION!

**NEVER REMOVE RADIATOR CAP WHEN ENGINE IS HOT!**

#### LT1 Water Pumps

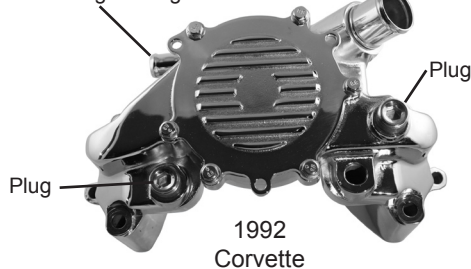
These water pumps are designed to fit the following applications:

1992 Corvette      1993-96 Camaro  
1993-96 Corvette      1994-96 Impala & Caprice

#### FLUSH COOLING SYSTEM BEFORE REPLACING WATER PUMP!

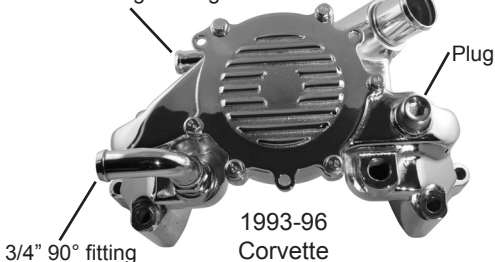
Any fluid contamination or dirt in the cooling system could ruin the seal on the new pump.

5/8" Straight fitting



1992  
Corvette

5/8" Straight fitting



1993-96  
Corvette

5/8" 90° fitting



1993-96 Camaro  
1994-96 Impala & Caprice

### Removal of Stock Water Pump

1. Drain cooling system.
2. Disconnect the lower radiator hose and heater hose at the water pump. Inspect all hoses for dry rot, cracks and tears. Replace if necessary.
3. Remove all drive belts.
4. Remove the water pump to cylinder block bolts and remove water pump.

### Water Pump Installation

1. Compare the new and the old water pumps and verify that the overall dimensions are the same.
2. Install the supplied fittings in the correct OE positions and plug any unused ports. **It is very important that the fittings are in the same positions as the original water pump fittings.**
3. When installing the fittings and plugs, be sure to use a quality automotive grade pipe sealant such as Permatex Pipe Joint Compound.
4. Verify that all of the water pump fasteners (face plate) are tight.
5. Clean the water pump mounting surface before installation.
6. Inspect the belt tensioner (if equipped) and verify that it is in good working order.
7. Install the water pump on the block using new gaskets and gasket sealer to assure a positive seal. Tighten the mounting bolts gradually and evenly in a staggered sequence to factory torque specifications.
8. Connect all hoses and fill the cooling system. In some cases, longer hoses may be needed.
9. Install and tighten the drive belts to factory specifications. Reinstall any brackets or fasteners that may have been removed during disassembly.
10. Start the engine and check for leaks. Let engine cool down, top off radiator coolant and recheck for leaks.

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