



## INSTALLATION INSTRUCTIONS

**PROFORM® Factory Performance™**  
**Parts Chevrolet®**  
**Small Block Electric Water Pump**

**Part Nos. 141-650, 141-651,**  
**141-652, 141-653, 141-654**

**BEFORE YOU BEGIN:** Always wear safety glasses. You will need sealant or RTV silicone and a spanner wrench.



Thank you for purchasing your PROFORM® Factory Performance™ Chevrolet® Small Block Electric Water Pump. Please carefully unpack the contents of this box and check to see that you have the following contents: 1 electric water pump (blue, red, polished, chrome, or black), 4 1 ¼" x 3/8" 16 socket head bolts, 4 3/8" AN washers, 2 flange gaskets and 1 inlet fitting.

### **Step 1: Mounting your water pump.**

First, remove your existing water pump and thoroughly clean the gasket sections. Liberally coat both sides of the gasket with the sealant. Tack the gaskets to the back of each side of your new water pump aligning the gaskets to the bolt holes. Apply sealant to the included hardware and bolt the water pump into place. Run each of the four bolts up to a snug fit before tightening to a recommended 20 ft/lbs.

### **Step 2: Installing the hose inlet and hoses.**

Apply a small amount of thread sealant to the pipe threads on the included hose inlet. Tighten the hose inlet using a spanner wrench. If you do not have a spanner wrench, simply place drill bits in the spanner holes and bridge the two drill bits with a screwdriver. Now install your lower hose.

### **Step 3: Wiring your water pump.**

Always take extra precautions when working with electrical components! Connect the BLUE wire to positive (+) and connect the BLACK wire to the battery negative (-) or chassis ground. *Important:* to prevent failure of the motor, use a fuseable link (10 to 30 amp) available at most electronic stores.

### **Step 4: Running your water pump.**

Fill your cooling system, replace the fill cap, and turn on your water pump. Remove the fill cap and top off your coolant level. Re-check your coolant level after one heat cycle and NEVER LET YOUR PUMP RUN DRY FOR MORE THAN A FEW SECONDS.