



## Plumbing Instructions For 4-Port Thermostat Kit Part #540-160200, #540-160210 & 540-160465

Step 1  
Review attached drawing

Step 2  
Install 540-160104 seat into the thermostat housing, as shown in Figure A in the attached drawing. Use 540-160105 locking ring to hold in place.

Step 3  
Install 540-160101 thermostat into the intake manifold.

Step 4  
Apply high tack gasket sealant to 620-04112 gasket and install on intake manifold.

Step 5  
Install 540-160103 on top of the thermostat

Step 6  
Install 540-160102 valve into the spring

Step 7  
Install thermostat housing using the supplied 3/8-16 bolts and washers. Torque to 25 inch pounds.

Step 8  
Install (2) tees in the front water inlet locations as shown, (2) 1/2" NPT to hose brass tees are supplied in the kit.

Step 9  
Run a bypass hose from one end of each tee to one of the TOP ports of the thermostat housing as shown. These bypass hoses flow water to the exhaust when the thermostat is closed.

Step 10  
The engine water outlet ports are the BOTTOM (2) ports on the thermostat housing. Plumb these lines to the exhaust or overboard discharge, (the same way they were before you installed the thermostat unit).

That's all there is to it. Your engine will now operate in the proper temperature range resulting in better idle, better fuel economy, more power, and longer engine component life.

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	540-160201 / 540-160466	HOUSING, THERMOSTAT KIT
2	1	540-160102	VALVE, BYPASS - THERMOSTAT KIT
3	1	540-160104	SEAT, BYPASS VALVE - THERMOSTAT KIT
4	1	540-160105	LOCK RING, THERMOSTAT KIT
5	1	540-160103	SPRING, THERMOSTAT KIT
6	1	540-160101	THERMOSTAT, 160 DEGREE
	1	620-04112	GASKET, THERMOSTAT HOUSING
	2	90037C075HHS	SCREW - HHCS - SS - 3/8-16x3/4 (NOT SHOWN)
	2	90037AN-STSS	WASHER - SS - 3/8 (NOT SHOWN)

# HARDIN MARINE

PART NUMBER: 540-160200, 540-160465

DESCRIPTION:  
STAINLESS THERMOSTAT KIT FOR SMALL & BIG BLOCK CHEVY, 455 OLDS, 460 FORD

