

# Sea-Doo Thermostat

## Repair Kit Instructions

These are the 8 items contained in our thermostat kit:



- 1) Steel tab cutting tool
- 2) Replacement water outlet nipple
- 3) Nipple retaining ring
- 4) O-ring
- 5) Thermostat
- 6) Small hose clamp
- 7) Medium hose clamp
- 8) Large hose clamp

1) With the thermostat housing removed from the watercraft, use the supplied steel tab cutting tool to remove the water outlet nipple.



2) Use a piece of scrap block and install the steel tab cutter down around the original flange of the plastic housing. Press down to cut the plastic tabs that hold the thermostat housing outlet nipple. The metal cutter will shear the tabs so you can remove the old thermostat.



3) After tabs have been cut this is what you will be looking at.



Notice the red arrow shows that the o-ring is on top of the thermostat.

4) With all of the old parts removed it is time to install the new parts. Place the new thermostat into the housing, and then install the new o-ring and push the new aluminum nipple in till it clicks into the housing locks.



When clicked it should look like the picture below.



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5) With the nipple installed, place the retaining ring over the plastic housing and lightly tap around the perimeter with a soft mallet to get things started, The aluminum retaining ring **MUST** go on evenly. With even pressure, press down to lock the nipple in place.



This is how the retaining ring gets seated on the press.

The finished thermostat housing:



6) With the cutting edge facing up on the tab cutting tool and a piece of scrap wood or aluminum between the cutting tool and the press, begin pressing down. Take your time and allow the edge of the plastic housing to meet the inside lip on the aluminum retaining ring.



Now your thermostat housing is finished and can be reinstalled onto the engine.