



## WORX RACING YAMAHA 1.8 Cooling Upgrade KIT

**PART # - WR04011**

**MODELS: YAMAHA 1.8 SUPERCHARGERD MODELS**

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### **INSTALLATION INSTRUCTIONS**

**IMPORTANT: READ ALL INSTRUCTIONS BEFORE PROCEEDING WITH INSTALLATION**

- 1- Make sure ski is secure and on a flat surface. Remove lanyard and disconnect battery.
- 2- Remove jet unit from rear of ski to access room to fit thru hull fitting and to fit cooling plate onto side of Pump unit.
- 3- Drill Thru hull fitting thru hull on next to pump shoe. It is easier to drill from the inside of hull out. Drill 16mm hole and fit thru hull fitting using a small bead of silicone sealant before fitting.
- 4- Fit cooling plate to side of pump (use OEM pump plate o ring to seal plate) Fit brass fitting into put with small amount of sealant on thread to seal. Face fitting forward.
- 5- Sit pump back into place and measure with tape amount of hose you need and cut off supplied hose.
- 6- Fit hose to thru hull fitting on outside of hull and secure with hose clamp. Fit pump unit into correct position and secure hose onto pump plate fitting with hose clamp.
- 7- Re install jet unit and check everything is tight.
- 8- Remove M8 bolt with 12mm socket and remove OEM anode from block at rear right hand side of engine under intake manifold. You should be able to do this without removing manifold. Anode blocks on older skis may be tight to remove but can slowly be worked out side to side with pliers. **(Note\* Do not remove centre bolt (10mm) from OEM anode block as it will leave the OEM anode inside the block and make it very hard to remove)**
- 9- Once removed keep OEM o ring and fit onto new WORX cooling plate along with supplied brass fitting. Add sealant onto thread before installing brass fitting. Add grease onto o ring. Make sure engine block is clean from corrosion and install WORX cooling plate onto blot and secure with M8 x 25 bolt supplied. **(Note\* cooling block may feel loose on block but o ring will seal once tightened)**
- 10- Run remaining hose from thru hull fitting to Engine block cooling plate. Be sure to route cooling hose so not to kink or rub against moving parts so hose does not become damaged. Secure with hose clamps.
- 11- Reconnect battery. Be sure to check for water leaks on system before using.

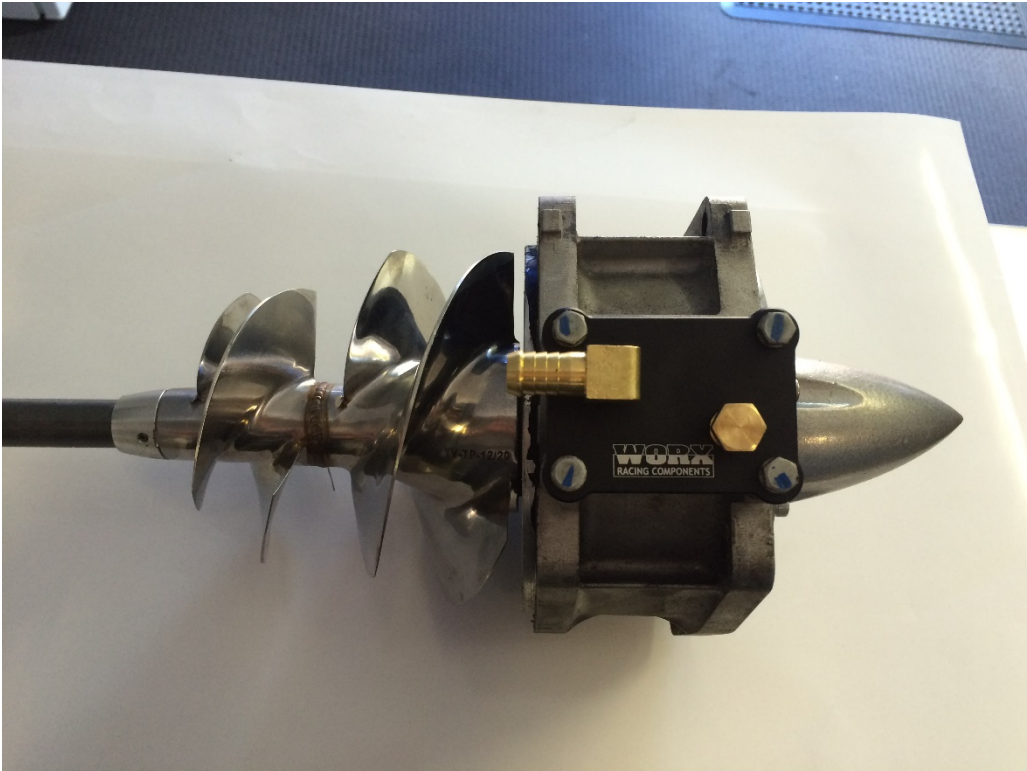
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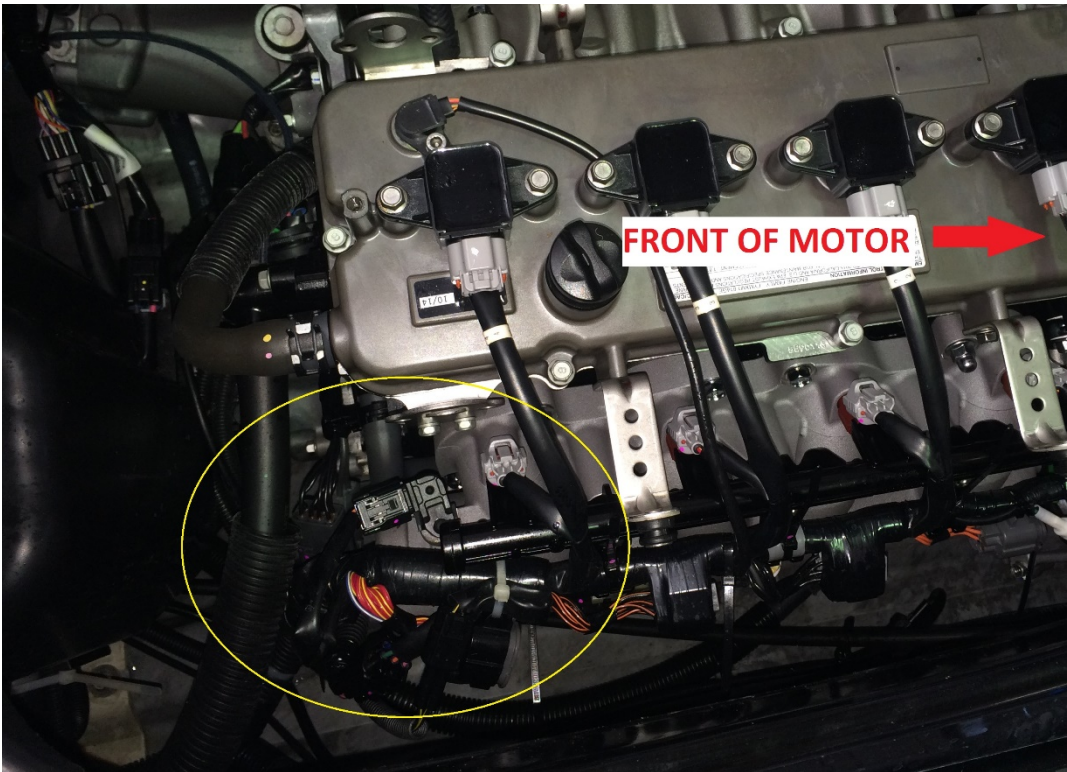
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Pump cooling plate installed.



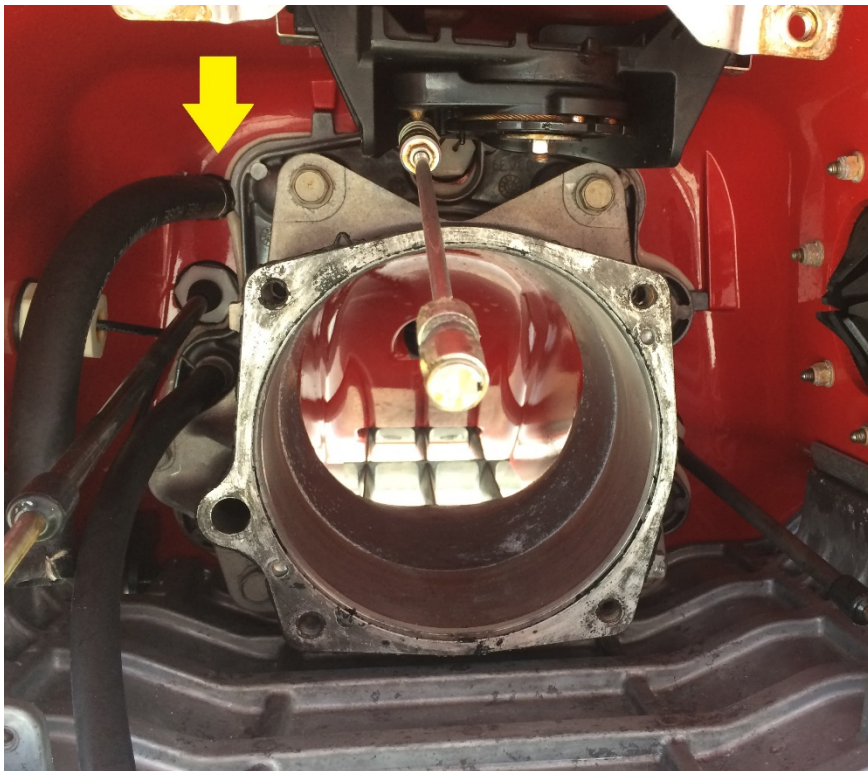
Remove engine anode. (Note\* only remove 12mm head bolt off the side. Undoing the centre 10mm bolt will leave the anode in the block not allowing the cooling to flow thru)







Fit thru hull fitting



# Cooling Route

