



Dual Point Water Injection Kit

PART# - RY15-WIS-2P

INSTALLATION INSTRUCTIONS

APPLICATION: FIN1200WB01 (FPP High Flow Water Box Kit)

PARTS LISTING

ITEM	DESCRIPTION	PART#	QTY
A	Brain Box	MT-WS-RT	1
B	Solenoid	RY15-WIS-S	1
C	3/8" Waterline, Synflex, Black	RY068	2
D	1/4" Waterline, Clear Blue	RY015	2
E	1/2" x 3/8" x 1/2" Barbed Brass T Fitting	N/A	1
F	3/8" Barbed x 1/8" NPT 90° Brass Fitting	125-6-2	1
G	1/4" Barbed x 1/4" NPT 90° Brass Fitting	N/A	1
H	1/4" Barbed x 1/8" NPT 90° Brass Fitting	N/A	1
I	#12 - 1/2" Hose Clamp	COMCLP0015	2
J	#06 - 3/8" Hose Clamp	COMCLP0010	2
K	#7-11 - 1/4" Hose Clamp	N/A	2

WARNING! DISCONNECT BATTERY AND TURN FUEL OFF BEFORE PERFORMING WORK!

1. Disconnect battery cables from battery and turn fuel cock valve to off position.

Refer to the installation diagram on page 2 for steps 2 thru 5.

2. Locate the incoming 1/2" – 5/8" water lines inside rear of GPR. Cut one and install the included 1/2" x 3/8" x 1/2" Barbed Brass T Fitting. Secure using the two included 1/2" Hose Clamps. **NOTE: Do not over tighten clamps.**
3. Install the included 3/8" Barbed x 1/8" NPT 90° Brass Fitting into the inlet side of Solenoid. The inlet side is clearly marked "IN". Install the included 1/4" Barbed x 1/8" NPT 90° Brass Fitting into the outlet side of Solenoid. Install the included 1/4" Barbed x 1/4" NPT 90° Brass Fitting into the threaded fitting on the FPP High Flow Waterbox. **NOTE: Use pipe thread sealant on threads. Do not over tighten fittings.**
4. Install the included section of 3/8" Waterline between the 1/2" x 3/8" x 1/2" Barbed Brass T Fitting and the 3/8" Barbed x 1/8" NPT 90° Brass Fitting on inlet side of Solenoid and secure using the two included 3/8" Hose Clamps. **NOTE: Do not over tighten clamps. We strongly recommend utilizing an inline filter to prevent debris from clogging solenoid. This is available through Riva Yamaha's Parts Department [part# RY15-SF38].**
5. Install the included section of 1/4" Waterline between the 1/4" Barbed x 1/8" NPT 90° Brass Fitting on outlet side of Solenoid and 1/4" Barbed x 1/4" NPT 90° Brass Fitting on FPP High Flow Waterbox and secure using the two included 1/4" Hose Clamps. **NOTE: Do not over tighten clamps.**

Refer to the included Micro Touch Instructions for wiring installation.

6. Install Brain Box in a location away from ignition's coils and spark plug wires. **NOTE: We recommend placing padding between the Brain Box and its mounting surface. This is available through Riva Yamaha's Parts Department [part# HT-SHT40-ForG].**

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INSTALLATION RECOMMENDATIONS & TIPS

- ✓ Initial settings will vary due to set-up, altitude, temperature and riding conditions. Our recommended starting “ON” point for a Riva Pro-Spec GP1200R Superstock is 6200rpm. If you have any questions or concerns please contact our technical representative directly by calling (954) 247-0705 or by e-mailing tech_support@rivayamaha.com.
- ✓ To ensure hose clamps remain tight add Red Loc-Tite at the worm drive after tightening. For those hard to reach clamps, add Loc-Tite to clamp prior to installing. This is available through Riva Yamaha’s parts department [part# 538070] and at most motorcycle dealerships.
- ✓ For added assurance we recommend using Squeeze-on Stainless Steel Clamps (aka Oetiker Clamps) when installing waterlines. These stepless clamps won’t loosen or damage waterline like conventional hose clamps. This is available through Riva Yamaha’s parts department in both 3/8” and 1/2” ID as well as the tool required for installing. (Stepless clamps are not reusable.)
 - 3/8”ID Clamps – Part# C-48549042-QTY Available in pre-packs of 50 or 100.
 - 1/2”ID Clamps – Part# C-8904575-QTY Available in pre-packs of 50 or 100.
 - Oetiker Pliers – Part# C-48550347 Sold 1 each.

INSTALLATION DIAGRAM

