



INSTALLATION INSTRUCTIONS 785 PRO TRIPLE PIPES

PARTS INCLUDED:

- One (1) Pto 2-Piece Pipe**
- One (1) Mag 2-Piece Pipe**
- One (1) Center 2-Piece Pipe**
- Three (3) Billet Exhaust Flanges**
- Three (3) 3/8", 90° Elbow Fittings, 1/4 NPT**
- Fifteen (15) 5/16", 90° Elbow Fittings, 1/4 NPT**
- Three (3) 5/16", 90° Elbow Fittings, 1/8 NPT**
- Three (3) Brass Screen Fittings**
- Twelve (12) Allen Head Exhaust Flange Bolts**
- Twelve (12) Spring Tabs**
- Three (3) 3/8" Barb Fittings, 1/8 NPT**
- Three (3) Brass Restrictors**
- One (1) 3/4" Spacer Restrictor with 3/8" Hole**
- Two (2) 1/8" NPT Brass Plugs**
- One (1) 1/4" NPT Brass Plug**
- Three (3) 2" Silicone Coupler Hoses**
- Twelve (12) Long Springs for Flanges**
- Six (6) Short Springs for Flanges**
- Nine (9) Bulk Feet of 5/16" Water Hose**
- Three (3) Bulk Feet of 3/8" Water Hose**
- Six (6) Pipe Flange O-Rings**
- Six (6) Large Pipe Coupler Clamps**

1. Unhook fuel lines and remove the fuel tank.
2. Remove the stock triple pipes and exhaust manifolds.
3. Install the three (3) 3/8", 90° 1/4 NPT brass elbow water fittings and the three (3) 5/16", 90° 1/4 NPT fittings into the billet exhaust flanges (SEE DIAGRAM). Be sure to wrap the threads with Teflon tape or silicone sealant to prevent leakage.
4. Using a new exhaust gasket, install the billet exhaust flanges onto each cylinder using the supplied stainless steel bolts and spring tabs (SEE DIAGRAM).
5. Remove the stock pipe mounts from the front of the hull. A vice grip or channel locks works well to unscrew them.
6. Install the five (5) 5/16", 1/8 NPT 90° elbow fittings in each pipe (SEE DIAGRAM). Be sure to wrap the threads with Teflon tape or silicone sealant to prevent leakage. Also, install the brass screen fittings in the expansion chamber of each pipe. Next, using the supplied 5/16" hose, use hose clamps to install a hose from the screen fitting to the 90° fitting on the stinger (SEE DIAGRAM).

7. Use a short piece of 5/16" hose to connect the 90° fittings between the head pipe and main pipe using hose clamps (SEE DIAGRAM).
8. Run a short piece of hose from the 90° fitting ear the stinger of each pipe to the brass restrictors (one for each pipe). Next, run a hose from the other end of each brass restrictor to the three small water outlets mounted in the front left-hand side of the hull. Make sure to use hose clamps at all hose connections.
9. Install the center pipe fist by sliding it through the hood opening. You may want to add a bead of silicone to the O-rings to assure a good seal. Once the pipe is in position, slide it forward so that the short waterbox hose is aligned correctly, then slip the pipe into the center exhaust flange. Secure the pipe to the flange with the appropriate length springs (SEE DIAGRAM).
10. Install the mag pipe second by repeating Step 9. Install the pto pipe last following the same procedure. The pipes fit fairly tight ad may take a little adjusting to lay in the hull correctly. NOTE: REINSTALL THE FUEL TANK AFTER INSTALLING THE SECOND PIPE.
11. Run three short pieces of 5/16" hose from the 90° fitting on the exhaust flange to the 90° fitting on the head pipe (SEE DIAGRAM).
12. Remove all fittings from the red anodized water flute. Install the three (3) 3/8" straight brass barb fittings into the three left-side holes in the flute. Install the two (2) 1/8 NPT plugs and the one (1) 1/4 NPT plug into the remaining holes in the flute as shown in the diagram. Be sure to wrap the threads of the fittings with Teflon tape or silicone sealant to prevent leakage.
13. Run three pieces of 3/8" hose from the exhaust flange to the three left-side fittings on the water flute. Secure the hoses with hose clamps (SEE DIAGRAM FOR HOSE ROUTING).
14. You will be redirecting the water flow in the engine. Switch the large hose that went to the water flute and direct it to the head for the water going into the motor.
15. The hose that originally went to the head will now be the exit hose for the water flute. Install the 3/4" spacer restrictor into the hose before connecting this hose to the water flute. Secure the hose and restrictors with hose clamps.
16. Reinstall fuel tank and connect fuel lines.

NOTE:

MAKE SURE ALL FITTINGS ARE WRAPPED WITH TEFLON TAPE OR SILICONE SEALANT BEFORE INSTALLING TO PREVENT LEAKAGE. MAKE SURE ALL HOSES ARE INSTALLED AND SECURELY HELD WITH HOSE CLAMPS.

TUNING INSTRUCTIONS

These jetting and tuning instructions are recommended as a starting point only. Due to changes in temperature, altitude, engine modifications, and type of riding, additional tuning is generally required !!!!

Jetting for Low Altitude with Hot Seat Riflebore Carbs

Limited	Needle and Seat	2.3
	Gram Spring	80g
	Low Speed Jets	117.5
	High Speed Jets	pto – 125, ctr – 125, mag – 130
	■ Low speed screws set at ½ to 1 turn out	
■ High speed screws set at 1-3/4 turns out		
Superstock	Needle and Seat	2.3
	Gram Springs	80g
	Low Speed Jets	117.5
	High Speed Jets	pto – 130, ctr – 130, mag – 135
	■ Low speed screws set at ½ to 1 turn out	
■ High speed screws set at 1-3/4 turns out		

You will typically need to go up one impeller size with these pipes. For example: if you are running a 12/17, you will need to install a 13/18. This will help prevent the motor from over-revving.

IF YOU NEED ADDITIONAL INSTALLATION OR TUNING HELP, PLEASE FEEL FREE TO GIVE US A CALL OR FAX.

PHONE: (651) 982-0600

FAX: (651) 982-0630