

Upgrading Fixed Pressure Raw Power Fuel Pump with Adjustable Regulator

Products sku: w2063

www.wvodesigns.com
843-972-4211 support@wvodesigns.com

Instuction sku: w2063-IS



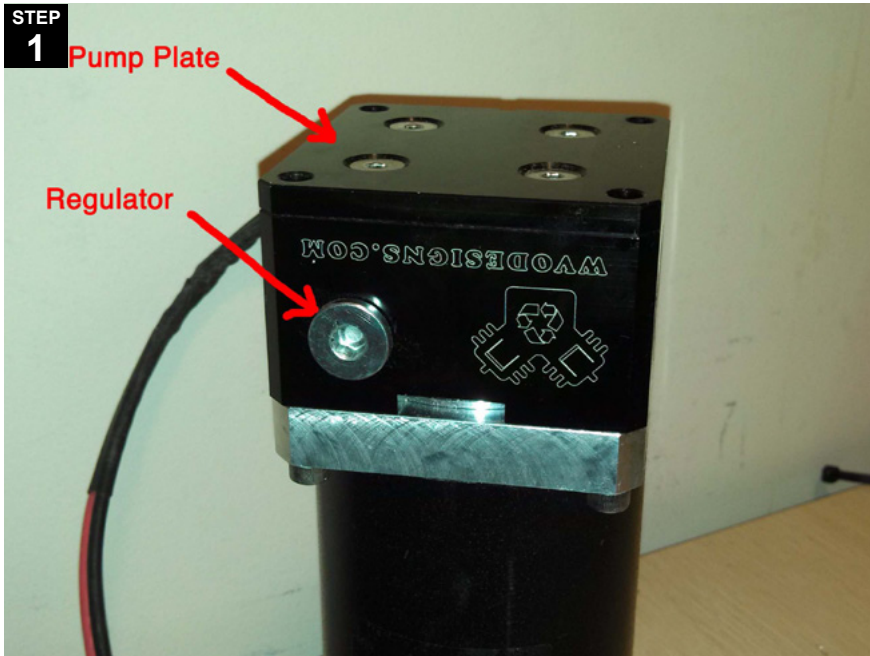
Parts included:

QUANTITY	DESCRIPTION	PART
1	Diaphram, veggiepump	DC-1476AP
1	PLATE, PUMP, ADJ REG	1079
1	Cap Diaphragm Veggiepump	1080
1	Piston, regulator, veggiepump	1082
1	Spring seat, regulator, veggiepump	1086
1	Spring, C 9.62 × .148 × 1.15, 5.2 coils, Closed and Ground	1093
1	Set screw, cup point, ½-20 × 1", SS	92311A731
1	Jam Nut, ½-20, SS	91847A525
4	18-8 Stainless Steel Socket Head Cap Screw, ¼"-20 Thread, ¾" Length	92196A540
1	Blank, regulator	1087

Assembly Instructions

Part 1: Replace Fixed Regulator with Blank Cartridge.

STEP
1



- Remove Regulator plug, spring and Pressure Cartridge.

STEP
2



- The White O-Ring should stay in place but ensure it is at the bottom of the regulator port.

STEP
3



- Replace the Pressure Cartridge with Solid Blank and re-install spring and plug.

Part 2: Install Adjustable Regulator.

STEP
4



- Remove Pump Plate.
- Ensure O-Ring is properly seated in ring groove.

STEP
5



- Install adjustable Pump Plate by aligning groove on back of pump.

STEP
6



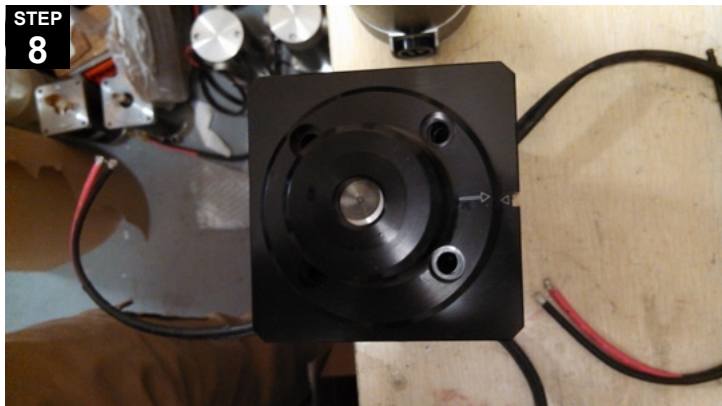
- Install Diaphragm. Orient with ribs up.

STEP
7



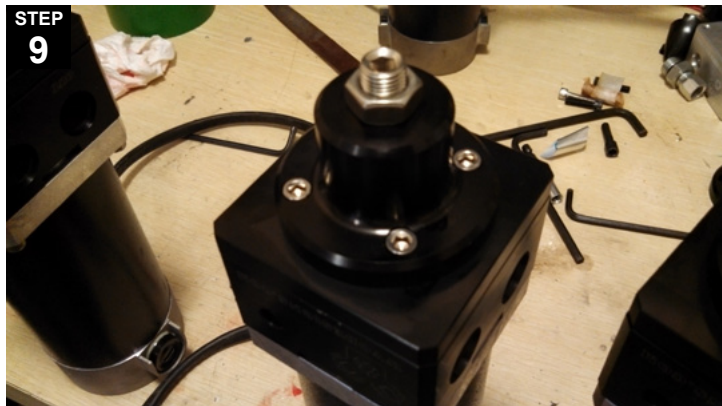
- Add spring and upper disk.

STEP
8



- Add cap, lining up arrows.

STEP
9



- Add 4 socket cap screws to mount cap and plate to pump head.
- Add jam nut and tension screw. **Pump will not prime if there is no pressure on spring.**