

REMOVAL OF OLD PUMP



Remove filter from inlet nut, and using a 3/8" allen wrench or socket, unscrew the inlet fitting from the pump.



Then use a 7/8" wrench to unscrew the chemical injector/quick connect fitting from the pump.
You may have a one piece assembly, or your chemical injector may be separate from quick connect fitting.



Remove the two Phillips head screws holding the plastic shroud in place



Remove plastic shroud, exposing pump



Using a 3/4" wrench, remove unloader valve. This will ease the removal of the pump.
Also, at this time remove the main drive bolt using an impact wrench with a 5/8 socket.
You may need to place a wooded wedge in between the eccentric bearing if you are using a wrench to stop the pump from spinning.



Using a 1/2" wrench, remove 4 hex head bolts holding pump to the motor.



Pull pulse hose underneath the frame from the rubber mounting grommet, so the hose will hang free.



Slide pump off engine shaft. You may have to angle the pump slightly to allow the pulse hose to come out of the hole in the frame.



Using a 5/32" allen wrench, remove the set screw holding drive gear onto engine crankshaft.



You are now ready to install new pump.

Installing VRX2527G7 Pump.

Mounting Instructions:

- 1 Sometimes you may need to use Breakaway or some other type of penetrating fluid to set on the Cogged Drive hub is the set screw is stuck or seized.
- 2 After the old pump is removed, remove and discard the old pump Drive Hub/Cog and then clean the engine crankshaft with some emery cloth or steel wool as well as the keyway in the crankshaft.
- 3 Apply a light coat of “Anti-Seize” or similar grease on to the crankshaft and place the new 3/16 drive key that was provided in the pump kit into the keyway of the crankshaft.
Tap the new 3/16 drive key into the keyway and securely seat the new 3/16 drive key.
- 4 Align the keyway of the new pump to the keyway and new 3/16 drive key of the engine and slide the pump on to the crankshaft. This new pump should slide completely on to the crankshaft of the engine with little effort.

If the new pump does not slide on to the engine crankshaft with little effort you may need to clean the crankshaft of the engine better and make sure the new 3/16 drive key is aligned properly.

- 5 Once the new pump has been installed you will need to make sure the four mounting bolts are cleaned well and have had some Blue Loctite applied to the threads of all 4 mounting bolts.

Install the 4 bolts and torque the bolts in a staggered pattern to 110 Inch pounds.

- 6 The VRX2527G7 Pump Kit pump is now ready to have water attached to the pump and start the break in process.

- 7 Attach the inlet water hose to the pump and turn your inlet water hose on **without** your **High Pressure** hose connected.

Allow the water to come through the pump for 2-3 minutes **without** starting your engine.

- 8 With the **inlet water still on**, now start the engine of your pressure washer and allow the pump to operate **without** the High Pressure hose connected for 5 minutes to complete the break in procedure.

Now turn the pressure washer engine off and then turn your inlet water off.

Your pump is now ready to be used.

- 9 Please refer to your owner’s manual for starting and operating procedures for your pressure washer.

Make sure the pump is winterized to prevent freezing and should always have pump conditioner installed when the pump will not be used for more than 30 days to help prevent any damage that could be caused by corrosion.

The VRX2527G7Pump Kit replacement pump comes with a 1 Year manufactures warranty.

For questions, comments or concerns please contact our customer service department at: 1-269-685-4123 or email them at: customerservice@allpatrtsinc.com