

# RP120C to RP120BP

## Kit Installation Instructions

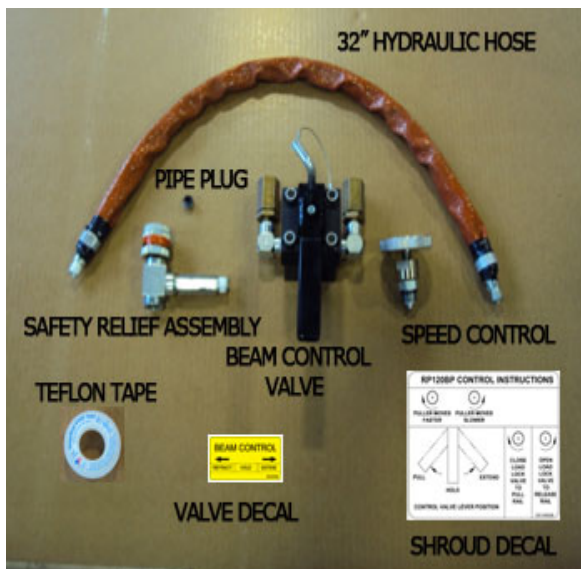


Conversion kit # RP120BPCK  
Instruction # TD012

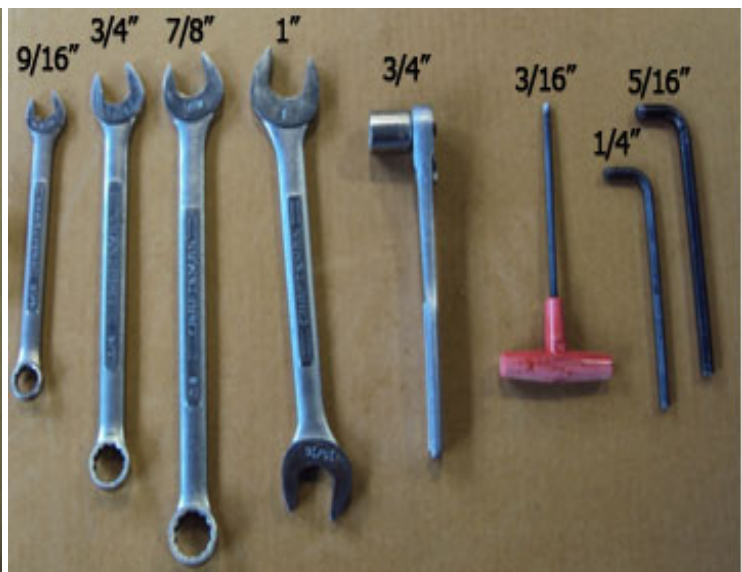
### Step 1:

Get familiar with the key components in kit (fig. 1) and required tools (fig. 2) for proper installation.

(fig. 1)

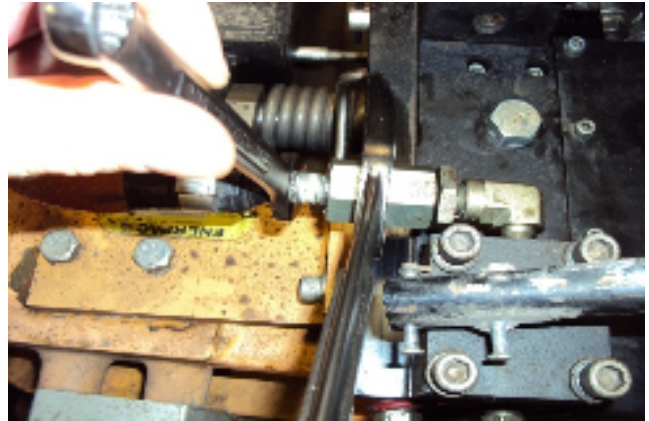


(fig. 2)



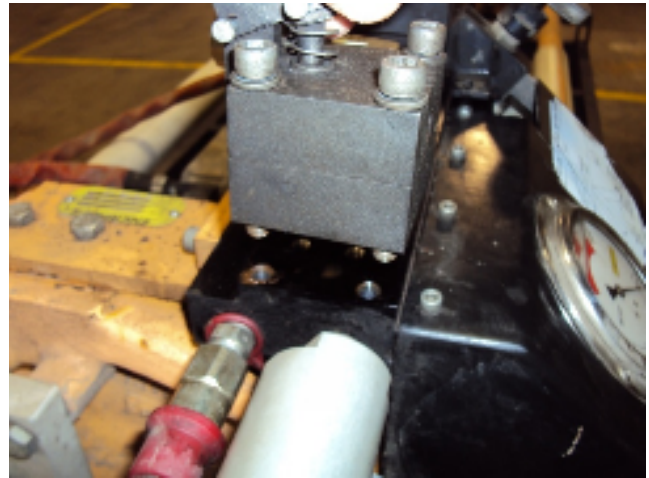
### Step 2:

Locate the 42" HYDRAULIC BEAM HOSE and disconnect the hose end from the Throttle Valve Assembly using the 9/16" and 1" wrench.



### Step 3:

Using a 5/16" Allen wrench, remove the THROTTLE VALVE by removing the four (4) bolts. Carefully remove the Throttle Valve from the manifold and discard.



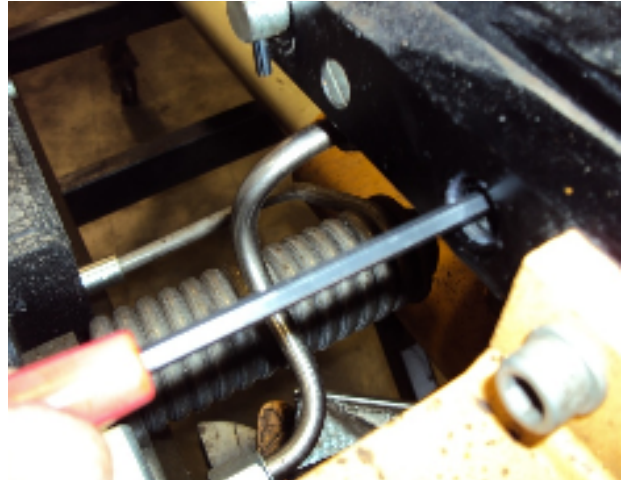
### Step 4:

Using a 5/16" Allen wrench, remove the 3/8" PIPE PLUG that is located in back of the manifold. ***Set aside the PIPE PLUG for later reinstallation.***



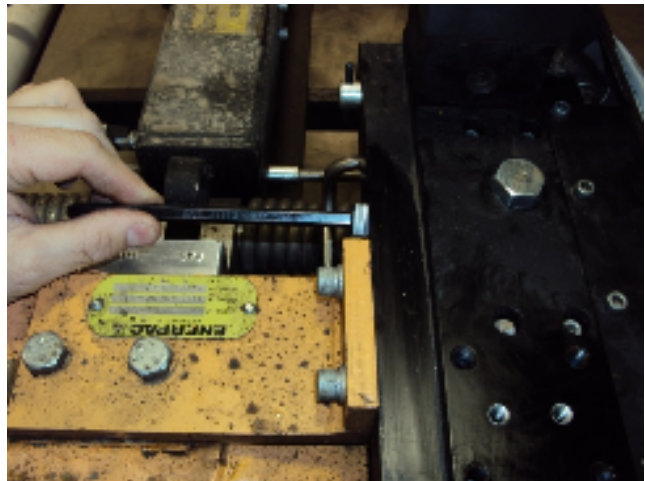
**Step 5:**

Using a 3/16" Allen wrench, remove the INTERNAL 1/8" PIPE PLUG and discard (This will open up the communication for the speed control).



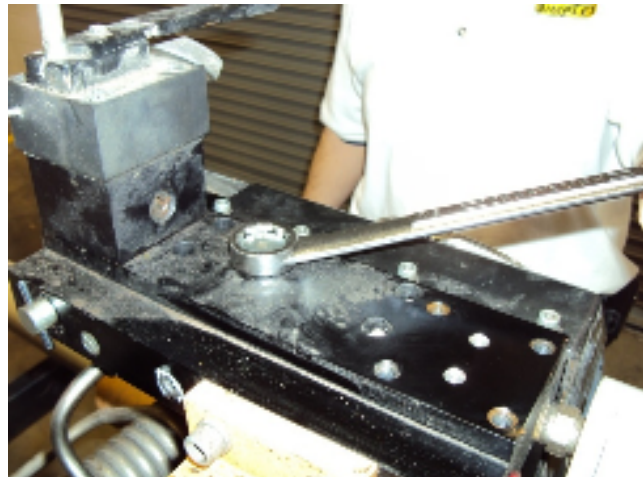
**Step 6:**

Remove any residue out of the orifice of the manifold. and install the 3/8" PIPE PLUG (the plug that was set aside in Step 4) into manifold until it's securely tightened and leak free (clean and apply Teflon onto threads as needed).



**Step 7:**

Remove HEX PLUG with 7/8" Wrench and discard.



**Step 8:**

Using the 7/8" Wrench, install SPEED CONTROL VALVE until it's securely tightened and leak free.



**Step 9:**

Install the new BEAM CONTROL VALVE ASSEMBLY by using a 5/16" Allen wrench and securely tighten down the four (4) bolts in a cross pattern sequence.



**Step 10:**

Using a 9/16" and 1" wrench, disconnect the 20" HYDRAULIC HOSE from the mounting plate.



**Step 11:**

Using a 1" wrench, remove the SWIVEL FITTING from the mounting plate.



**Step 12:**

Using your 1/4" Allen wrench, install PRE-TAPED PIPE PLUG provided in kit.



**Step 13:**

Using a 9/16" wrench, remove the 20" HYDRAULIC HOSE from the beam cylinder and discard.



**Step 14:**

Using a 9/16" wrench, install the new 32" hose from the kit until it's securely tightened and leak free .  
(clean and apply Teflon onto threads as needed).



**Step 15:**

Using the 9/16" and 1" wrench, install the other end of the 32" HYDRAULIC HOSE in the beam control valve assembly as shown until it's securely tightened and leak free (clean and apply Teflon onto threads as needed).



**Step 16:**

Using the 9/16" wrench, remove the 42" BEAM HYDRAULIC HOSE and set aside for later reinstallation. Then remove the reducer bushing using your 3/4" socket wrench and also set aside for later reinstallation.



**Step 17:**

Using the 3/4" wrench, install the SAFETY RELIEF ASSEMBLY provided in the kit (as shown) until it's securely tightened and leak free . (clean and apply Teflon onto threads as needed).



**Step 18:**

Using a the 3/4" wrench, reinstall the REDUCER BUSHING into the tee until it's securely tightened and leak free (clean and apply Teflon onto threads as needed).



**Step 19:**

Using a the 9/16" wrench to install the BEAM HYDRAULIC HOSE until it's securely tightened and leak free. (clean and apply Teflon onto threads as needed).



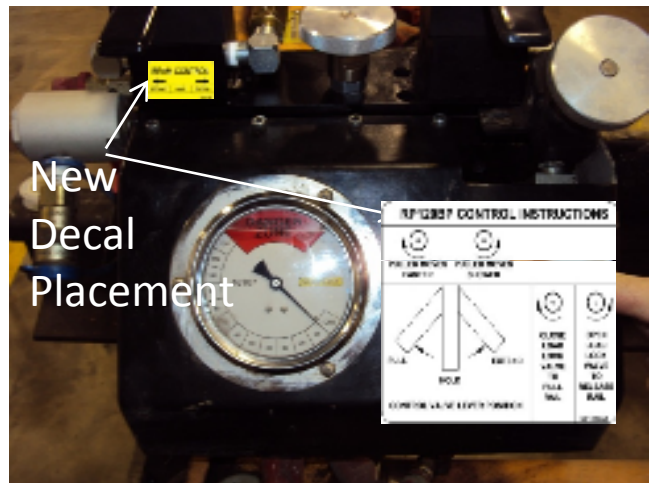
**Step 20:**

Using the 9/16" and 1" wrench, install the other end of 42" BEAM CYLINDER HOSE into the beam control valve assembly as shown until it's securely tightened and leak free (clean and apply Teflon onto threads as needed).



**Step 21:**

Clean area as shown and install the two decals provided in the kit at these locations.



**Step 22:**

Review and confirm that the 5 discarded components match this photo – installation complete.

