

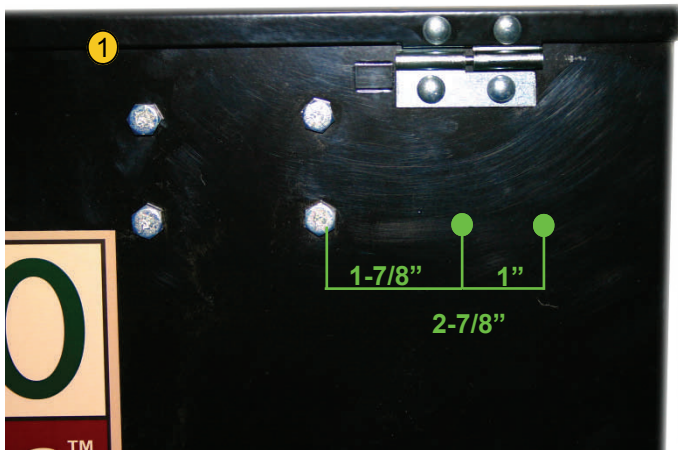
Tru-Count Pressure Regulator Kit



Item	QTY	PART NUMBER	PART NAME	DESCRIPTION
A	1	726445	REGULATOR	PRESSURE
B	2	28957	SCREW	#10-24 x 1/2 PAN HEAD SCREW
C	2	33074	WASHER	#10 SAE
D	2	36026	NUT	#10-24
E	1	726296	TEE	3/8 X 1/4 PTC
F	1	726473	TUBING	1/4" BLACK 25' COIL
G	2	726111	ELBOW	1/4" MALE NPT X 1/4" PTC 90 DEG
H	1	726107	ADAPTER	1/4" MALE NPT X 1/4" PTC
I	1	726472	GROMMET	12V
J	1	726459	GROMMET	Hydraulic
K	1	726115	TEE	1/4" PTC Tee

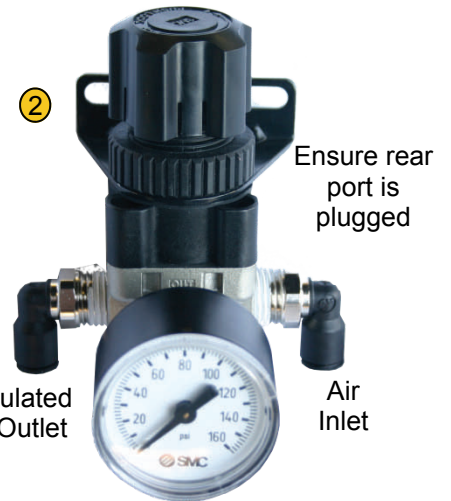
Note: This is a universal Conversion kit for use with both Hydraulic and 12V Compressor Modules, therefore some fittings may not be used in all instances.

For 12V Compressor Modules



Begin the installation of the Tru-Count Regulator Adapter Kit by locating and drilling holes for the placement of the regulator assembly. On the rear of the Compressor Module, in the upper right hand corner locate the 4 bolt heads that fix the water separator inside the CM. From the lower right hand bolt head measure and mark 1-7/8" and 2-7/8" center to center. Drill mounting holes using a 1/4" drill bit. See Figure 1.

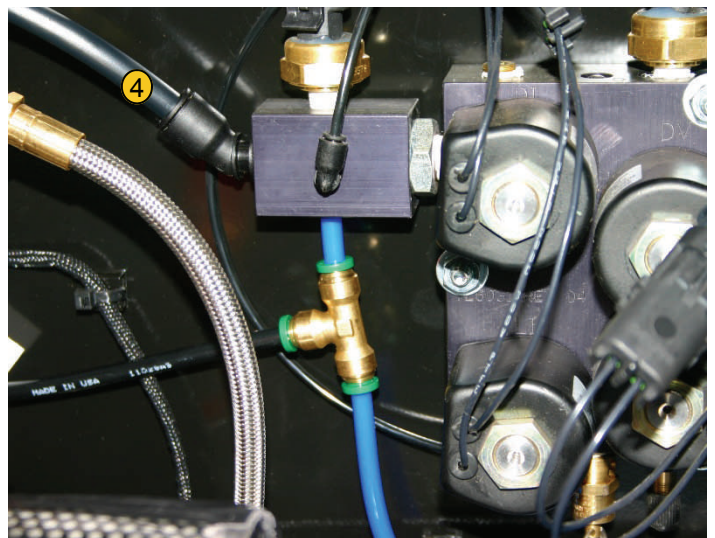
Assemble the regulator with two 1/4" MALE NPT X 1/4" PTC elbows as shown at right. Tighten to finger tight + 1 turn.



Inside the CM, position and mount the regulator assembly to the left of the water separator using the #10SAE X 1/2" and corresponding #10 nuts and washers.

Caution: Drain the Air Tank of all pressure prior to proceeding to the following step.

Using the tubing cutter supplied in the Service Kit Assembly cut approximately 14" of the supplied 1/4" OD black tubing supplied with the kit to be use as the regulator supply line. Next, measure down 1-1/2" to 3" down from the inlet check valve assembly and cut the blue line leading to the accessory air chuck. Re-connect the blue accessory line with the addition of the regulator supply line using the provided 1/4" PTC Tee. Connect the opposite end of the supply line to the regulator air outlet fitting.



If it becomes necessary to remove the accessory line from the inlet check valve, make a mark flush with the assembly body (or 7/16" from the end). Re-install the accessory line no further than this mark to prevent air flow disruption.

Complete the upgrade process by installing the rubber grommet (Item J on initial page) into the cutout in the base of the enclosure directly below the regulator. Next, connect the regulated air supply fitting to your existing Tru-Count Pneumatic system using the supplied 1/4" OD tubing.

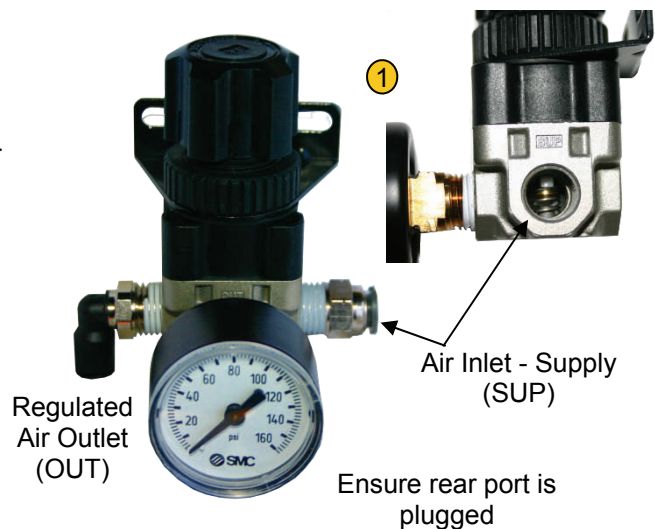


Adjustment Knob

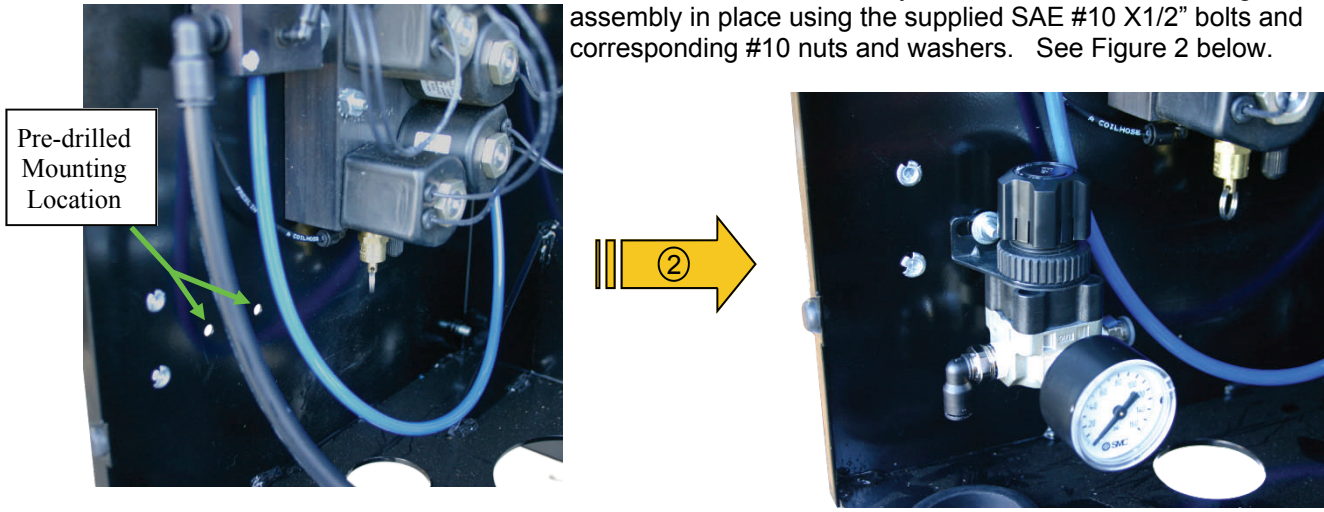
Once the system has been updated completely and all components are connected properly; enable the compressor and allow the tank pressure to build to greater than 125psi. To make adjustments to the regulator pressure, lift the adjustment knob to allow it to turn. Once the desired pressure has been reached, snap the knob back down to lock the regulator once again.

For Hydraulic Compressor Modules

Begin the upgrade process by assembling the regulator with the 1/4"MALE NPT X 1/4"PTC adapter on the air inlet - supply side, and the 1/4"MALE NPT X 1/4"PTC Elbow on the regulated air - outlet side. See Figure 1 at right. Tighten to finger tight + 1 turn.



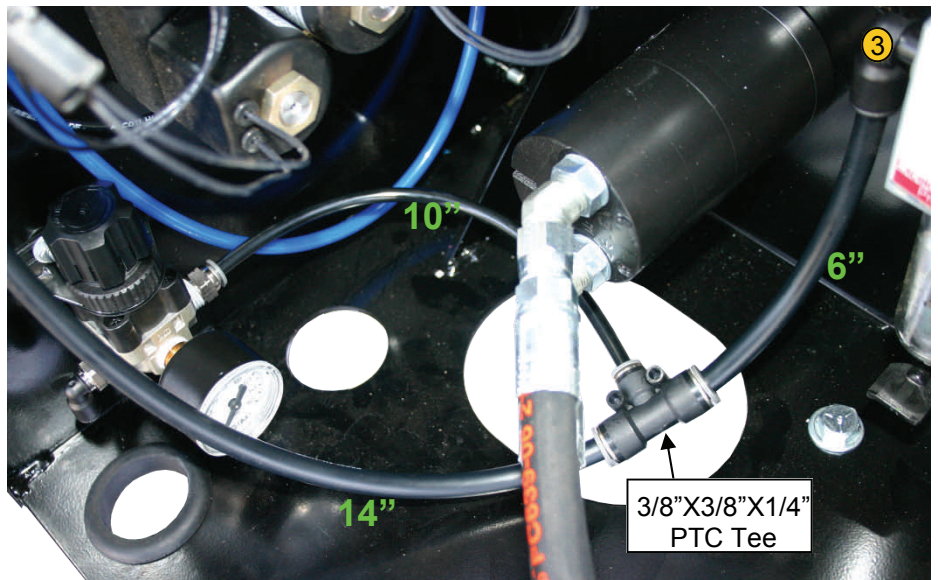
Next, locate the two pre-drilled holes on the left hand panel when looking inside the Compressor Module below the manifold assembly. Position and mount the regulator assembly in place using the supplied SAE #10 X1/2" bolts and corresponding #10 nuts and washers. See Figure 2 below.



Caution: Drain the Air Tank of all pressure prior to proceeding to the following step.

Continue the installation by plumbing the regulator into the 3/8" supply line from the water separator to the manifold assembly. Lengths given in the image at right are approximate values given for reference. Adjust hose lengths as necessary. Install the rubber grommet (Item K on initial page) into the cutout in the enclosure below the regulated air outlet fitting.

Next, connect the regulated air supply fitting on the regulator to your existing Tru-Count Pneumatic system using the supplied 1/4" OD tubing.



Adjustment Knob

Once the system has been updated completely and all components are connected properly; enable the compressor and allow the tank pressure to build to greater than 125psi. To make adjustments to the regulator pressure, lift the adjustment knob to allow it to turn. Once the desired pressure has been reached, snap the knob back down to lock the regulator once again.