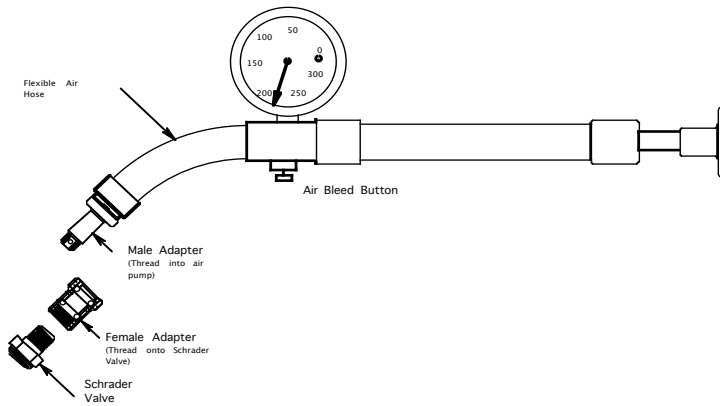




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Suspension Air Pump with Acu-Fill “no-leak schrader adapter”



Parts List:

#50043 H.P. Pump
#20175 Acu-Fill male adapter
#20176 Acu-Fill female adapter
#30006 300 PSI Air Gauge

O-Ring Seals

#2-010 O-Ring (female adapter 2 req.)
#2-009 O-Ring (shaft top out)
6.8mm X 1.9mm O-Ring (piston)
6.8mm X 1.9mm O-Ring (bottom out)

Instructions

The suspension air pump with acu-fill adapter is designed to allow accurate pressurization of suspension systems which use schrader valves. The adapter makes it possible to set the air pressure in the suspension, and then remove the fittings without letting any air release. By depressing the valve core only after both O-Rings have sealed, no air is released from the suspension unit.

(over)

Pump w/ Acu-Fill instructions

Step #1

Remove valve cap on the schrader valve, and thread the female adapter onto the schrader valve. You will feel the O-Ring seal against the top of the schrader valve. Caution: Do not over tighten. Hand tighten only. Turn 1/2 to 1 revolution after you feel the O-Ring contact the schrader valve.

Step #2

Install the male adapter onto your air pump.

Step #3

Insert the male adapter into the female adapter and then rotate clockwise to engage the thread. As you insert the male adapter, you will feel the O-Ring seal on the surface of the male adapter. A drop of machine oil will make the two parts slide easier.

Step #4

Once the thread has engaged, the valve core will be automatically be depressed. The pressure on the air gauge will read the pressure of the suspension. Note: The pressure will read less than what was originally in the suspension. This is because some of the air transferred into the hose and gauge of your pump and equalized pressure, to a new lower pressure.

Step #5

Set pressure by adding or releasing air into the suspension.

Caution: Do not compress the suspension with a pump attached.

Step #6

Remove the air pump by turning the male adapter counter clockwise. This will release the valve core, sealing the suspension to the pressure you set. Note: The valve core completely closes before the male adapter has moved past the o-ring seal. This is how the acu-fill adapter allows you to accurately set the pressure without any air loss. After the valve core seals and the male adapter is unthreaded, the residual pressure in the o-ring cavity, and the pump hose and gauge, will push the adapter out. This is normal and does not affect the air pressure in your suspension.

Now your suspension's air pressure is accurately set!

If you have any additional questions, feel free to call us at (530) 246-8700.