

K-TECH SHOCK ABSORBER VACUUM FILLING RIG.

Prior to using the K-Tech Vacuum Filling Rig please undertake the following: -

1. Pre-Use Checks:

a. Pump oil level.

Check the Pump oil level to make sure no oil has been lost during transit; the level should be level to the red circular indicator in the glass bezel. If not remove side panel and add oil to required level with oil supplied.

b. Electrical Power Supply to the filling rig.

Connect the electrical power supply lead (supplied) to the power supply checking the correct electrical voltage: - 240V AC (213-400-240) or 110V AC (213-400-110)

c. Compressed Air Supply.

Connect compressed air supply to the vacuum filling rig using the connectors supplied, check the pressure gauge reads 35(2.3bar) to 40 psi(2.7bar).

2. Before using the Vacuum Filling Rig the oil tanks TANK 1 & TANK 2 require filling with oil.

a. Connect the Oil Delivery line to TANK 1 or TANK 2.

b. Set Valve 1 to VACUUM, set Valve 2 to VAC.DAMPER, Valve 3 to TANK 1 or TANK 2 (this is the same as the oil delivery line is connected to)

c. Connect the oil delivery line to damper filling adaptor.

d. Switch Vacuum Filling Rig to On (1).

e. Place oil delivery line adaptor into the oil bottle(container) of which make of oil you choose, and the vac pump will vacuum the oil into the previously selected tank, continue to watch the oil level indicator on the front panel until the MAX oil level is reached.

IMPORTANT - DO NOT EXCEED THE MAXIMUM OIL LEVEL IN TANK 1 OR 2 AS THIS COULD CAUSE OIL TO BE DRAWN BACK INTO THE MOTOR AND INVALIDATE YOUR WARRANTY.

f. Switch Vacuum Filling Rig to Off. (0)

g. Repeat the same operation for the other tank. (Remember to change oil delivery line to other tank also).

Finally disconnect the damper filling adaptor from the delivery line. Your Vacuum Filling Rig is now ready for use

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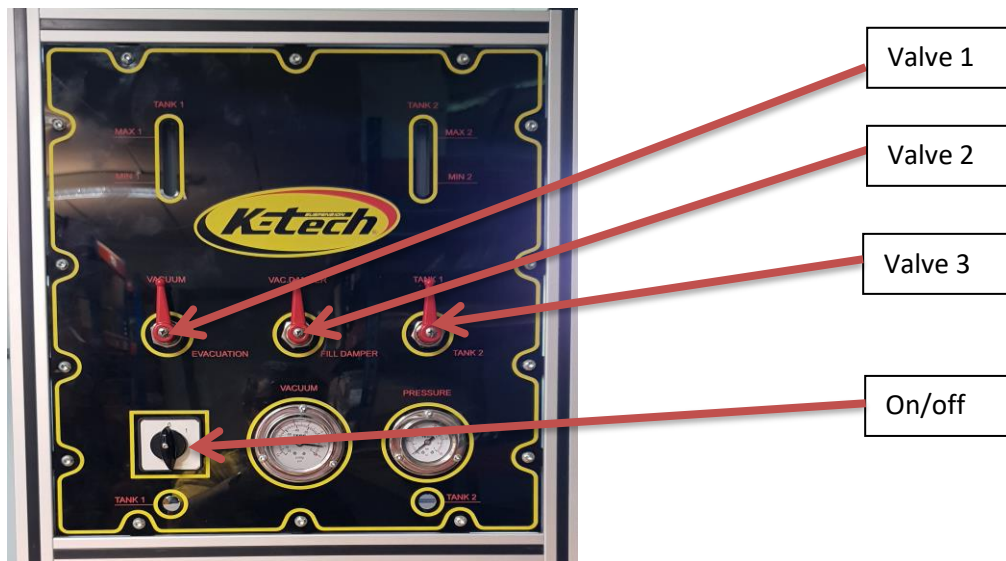
3. VACUUM FILLING RIG OPERATION.

IMPORTANT- SHOCK ABSORBER MUST BE CLEAN AND EMPTY OF OLD DIRTY OIL.

- a. Select TANK 1 or TANK 2 as required.
- b. Connect oil delivery line to the tank selected.
- c. Fit shock absorber adaptor to the shock absorber and connect to oil delivery line.
- d. Set Valve 1 to VACUUM and set Valve 2 to VAC.DAMPER.
- e. Switch Vacuum Filling Rig to On (1).
- f. Vacuum the shock absorber for **approximately 5 minutes**. (Note for a shock absorber with top out springs inside, the shock absorber should be fully extended / stretched).
- g. Move Valve 2 from VAC.DAMPER to the FILL DAMPER position (**wait 1 minute**)
- h. Switch Vacuum Filling Rig to Off (0)
- i. Move Valve 2 to the VAC.DAMPER position.
- j. Move Valve 1 to EVACUATION position.

**** For shock absorbers with separation piston, set the piston depth in accordance with the manufacturer's instructions and dimensions ****

- k. Disconnect the oil delivery line from the shock absorber. (The shock absorber should now be full of oil).
- l. Remove shock absorber adaptor from shock absorber.
- m. The shock absorber is now ready for reassembly in accordance with the specified maintenance manual.



****IMPORTANT** WE RECOMMEND THAT YOU CHECK THE VACUUM PUMP OIL LEVEL AND THE PUMP FILTER AND THE OIL TANK FILTER ON A DAILY BASIS.**

To refill the vacuum pump motor please use – Fuchs RENOLIN B 10 VG 32 Hydraulic Oil.
Ktech stock this as a sales item.

