



From: "Bob Alexander" <sloughds@yahoo.com.au>

Hi folks,

I've put 2 *rough* drawings in the photos section, beside the Tool of the week pic, in the "A Tool Box" album, "Tool of the week" sub album.

I suggest you print them out as your printer may give better clarity than the screen pic.

Things to note:

Exact dimensions and "how to do it" depend on the constructional details and dimensions of the jack you start with. You only need a small one.

Drill through piston, at least a 3mm hole.

"A" Cut a circlip groove in the piston. (a lathe is best, but you might improvise with a hacksaw) Use a heavy duty circlip.

"B" Because I did use a lathe, I also cut a thread on the top of the piston to take the threaded boss. You might be able to braze, silver solder or weld a boss on, but be careful not to overheat the O-ring in the retaining head.

"C" This is the socket for the gauge. Most gauges are 1/4" pipe thread. You might be able to buy a socket from the same supplier as the gauge. The gauge should be designed for hydraulic applications and go up to 100 Bar (1500 psi)

"D" I silver soldered the modified extension tube to the threaded boss.

You might be able to weld the extension tube straight to the piston, and not use a boss piece.

Fill it with your favourite fluid..... (NO Shane, not beer!)

Make a plug from the base of an old sphere, or extension tube, to seal the top when its not in use.

Anything else I forgot to mention?

I plan to have a "tool of the week" fairly regularly, but I ask that if others have a clever gismo they think suitable, jump in & I'll take a week off.

I'll remove the pics afer a couple of weeks, so if you want it, make a copy, or ask..... I may still have it.

Bob >>

BEFORE

