

PERCY'S T.P.E. (Tire Pressure Equalizer)

TECHNICAL INFORMATION

GENERAL INFORMATION

Percy's T.P.E. is a great tool that saves time and increases the accuracy of equalizing tire pressure. This tool allows the user to simultaneously fill and equalizes the pressure in two tires using one convenient location for the gauge, fill port, and pressure relief valve.

Operating Instructions:

1. Begin by removing your valve stem caps and installing the clamp on tire fill chuck on one of the tires that need to be equalized. Make sure that the chuck's safety clip is engaged with the valve stem treads. If the treaded portion of your stem is "short" refer to the "Instructions for Short Stems" following these instructions.
2. Repeat step number one on the second tire by installing the remaining fill chuck on the other tire that you wish to equalize*
3. At this point you are ready to start the fill/equalization process. Look at the gauge display to determine the existing tire pressure
4. If additional pressure is needed, it can be added at the fill port located at the bottom of the T.P.E.'s brass pressure manifold
5. If the tire pressure needs to be reduced, depress the pressure relief valve located in the center of the T.P.E.'s brass pressure manifold
6. Once desired pressure is achieved, remove the T.P.E. fill valve from each tire and replace each of the respective valve stem caps

***Note:** Once both lines are connected, the tires will now have equal pressure

Instructions for Short Stems:

Some valve stems have a very short thread. If the clip on the air chuck will not hold a seal on your valve stem, please insert the included metal shim (installs under floating brass valve depressor) and O-ring (installs directly into the air chuck on top of the flat rubber seal). This will allow the TPE to function on short threaded valve stems.

T.P.E. FREQUENTLY ASKED QUESTIONS

Q: *“My car works the best when I run different tire pressures in my tires (stagger), how can the T.P.E. help me?”*

A: The T.P.E. can still be used as a convenient way to measure pressure, fill tire, and set pressure from one convenient location. Simply use one line instead of two and you will have a convenient tool that can be used one tire at a time.

Q: *“I can’t keep the clip on air chuck on my valve stems”*

A: See the section above titled “Instructions For Short Stems” and make sure that the clip of chuck has not been damaged and is free of any dirt or debris.

Q: *“Which unit do I need for my application? The 0-30 P.S.I. or the 0-60 P.S.I.?”*

A: Both of these units are a great choice; but the end decision comes down to the intended use. The 0-30 p.s.i. unit is intended for “low” pressure applications and will allow for a displayed pressure reading from 0-30 in half p.s.i. increments. The 0-60 p.s.i. unit is required for applications using over 30 p.s.i. or ones where full p.s.i. increments are acceptable.