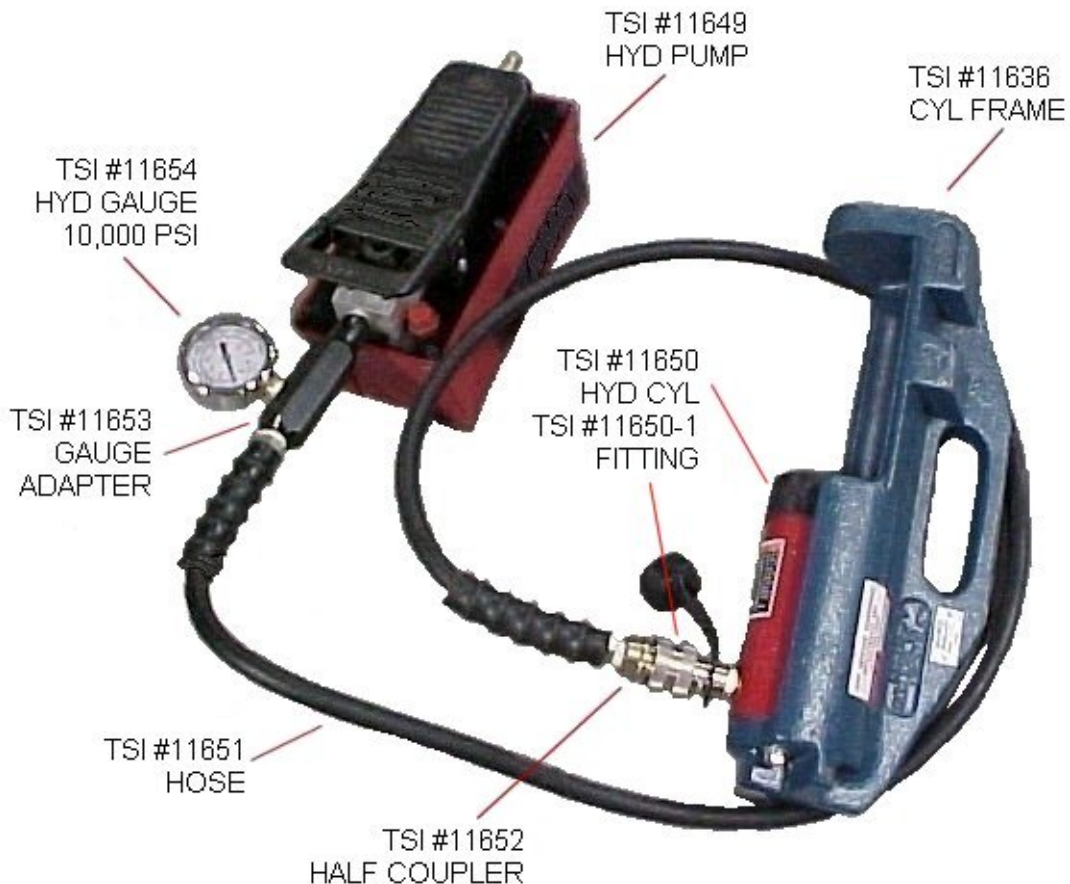


OPERATING INSTRUCTIONS

PAK PRESS

PORTABLE WHEEL STUD REMOVER AND INSTALLER



TSI Model #PP-10-PF

(Includes Frame, Cylinder and Adapters **ONLY**)

TSI Model #PP-10-PPK

(Includes Frame, Cylinder, Air Pump, 6 Ft Hose, T-Adapter & Gauge)

READ INSTRUCTIONS THOROUGHLY BEFORE OPERATING



MAR 24, 2009

800.223.4540

3451 S. 40th Street
Phoenix, AZ 85040
602.437.5020

www.tssissg.com
info@tssissg.com
Fax 602.437.5025

MADE IN USA

INCLUDED ADAPTERS:



PAK TOOL #1
ADAPTER #101
TSI #11637



PAK TOOL #2
ADAPTER #102
TSI #11638



PAK TOOL #3
ADAPTER #103
TSI #11639



PAK TOOL #4
ADAPTER #104
TSI #11640



PAK TOOL #5
ADAPTER #105
TSI #11641

SPECIAL ORDER ADAPTERS:



OPTION PAK TOOL #3
ADAPTER #103
TSI #11766



OPTION PAK TOOL #4
ADAPTER #104
TSI #11767

(Not included with PP-10-PF or PP-10-PPK)

FOOT PEDAL PIVOTS UP AND DOWN TO
APPLY OR RELIEVE CYLINDER PRESSURE

FOOT PEDAL
ON PUMP

CONNECT AIR LINE
15 CFM@100 PSI MAX
(LUBRICATE AIR SUPPLY)



SAFETY INSTRUCTIONS

SAFETY GLASSES ARE REQUIRED FOR OPERATION!

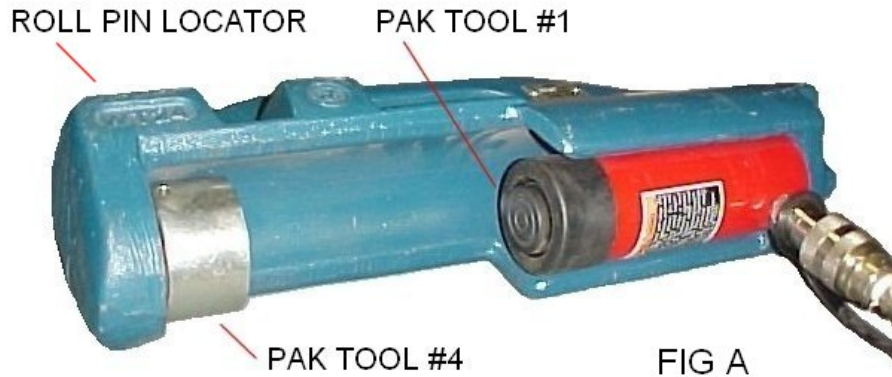
Before each use visually inspect the following items:

Possible leaking hydraulic fluid, loose bolts, damaged or improperly assembled accessory equipment/attachments, bent or damaged couplers and port threads. Connect air supply to foot pump. Operate at a maximum of 15 CFM@100 PSI.

OPERATING INSTRUCTIONS

STUD REMOVAL

Place **Pak Tool #1** firmly into threaded end of cylinder ram. Slide roll-pin from **Pak Tool #4** into pinhole located at the open end of the Cylinder Frame. **(Fig A)** With adapters in place hold frame unit over hub and center adapters over stud to be removed. With Foot Pedal on Pump apply hydraulic pressure until both adapters make contact against the stud **STOP!**
Center and align PAK-PRESS unit with adapters prior to applying pressure from the hydraulic pump. Now push stud out of Hub into Pak Tool #4.



BROKEN STUD REMOVAL

Make sure the stud has a flat surface to push against. If necessary grind the broken end of the stud until it is flat. Follow instructions for **STUD REMOVAL** but replace **Pak Tool #1** with **Pak Tool #2**. **(FIG B)**



This photo illustrates the proper method to locate Cylinder Frame over a Stud on a Hub.



STUD INSTALLATION

Place **Pak Tool #3** firmly into threaded end of cylinder ram. **(FIG C)**

(Note: Pak Tool #4 is not used to install studs.)

It is recommended that you apply an anti-seize or lubricant on the shoulder of the stud. Put new stud in position to be pressed in Hub. Position **Cylinder Frame** and adapter over the new Stud on Hub. Apply hydraulic pressure using the Foot Pedal on Pump. When **Pak Tool #3** comes into contact with Hub, much of the stud will be inside Pak Tool #3.

Carefully align PAK-PRESS unit and adapters with new stud prior to applying pressure from hydraulic pump.



PILOTED HUBS

Pak Press unit can remove and install studs on Piloted Hubs using **Pak Tool #3** and **Pak Tool #5** together. Follow same Stud Removal and Stud Installation instructions as listed above.

NOTE: For service maintenance of air-hydraulic pump or hydraulic cylinder please refer to included manufacturer's service literature and parts lists.

www.tsissg.com

PAK PRESS



800.223.4540

3451 S. 40th Street
Phoenix, AZ 85040
602.437.5020

www.tsissg.com
info@tsissg.com
Fax 602.437.5025

MADE IN USA