TI-95 OPERATING INSTRUCTIONS

TIRE INSPECTOR

AIR OPERATED UNIT

READ INSTRUCTIONS THOROUGHLY BEFORE OPERATING

TSI
TIRE SERVICE EQUIPMENT
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MADE IN USA

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OPERATING INSTRUCTIONS

General: Fasten unit to a flat concrete slab or surface with anchor bolts. **Unit can tip if not secured**.

Air Pressure: MFG suggested incoming air supply to TI-95 is 125 psi. No electricity is required.

Overview: To properly operate and maintain the Expansion Hub used on this machine refer to the Operators Manual & Repair Parts Lists for Expansion Hub and Assembly.

WARNING

Only personnel trained in operating the TI-95 Tire Inspector should operate it.

Use general safety precautions at all times when handling tires, the expanding hub and pressurized air. Make sure all fittings, hoses, valves and filters are properly fastened and secured before operating unit.

Using protective eye and footwear is recommended.

Main Parts

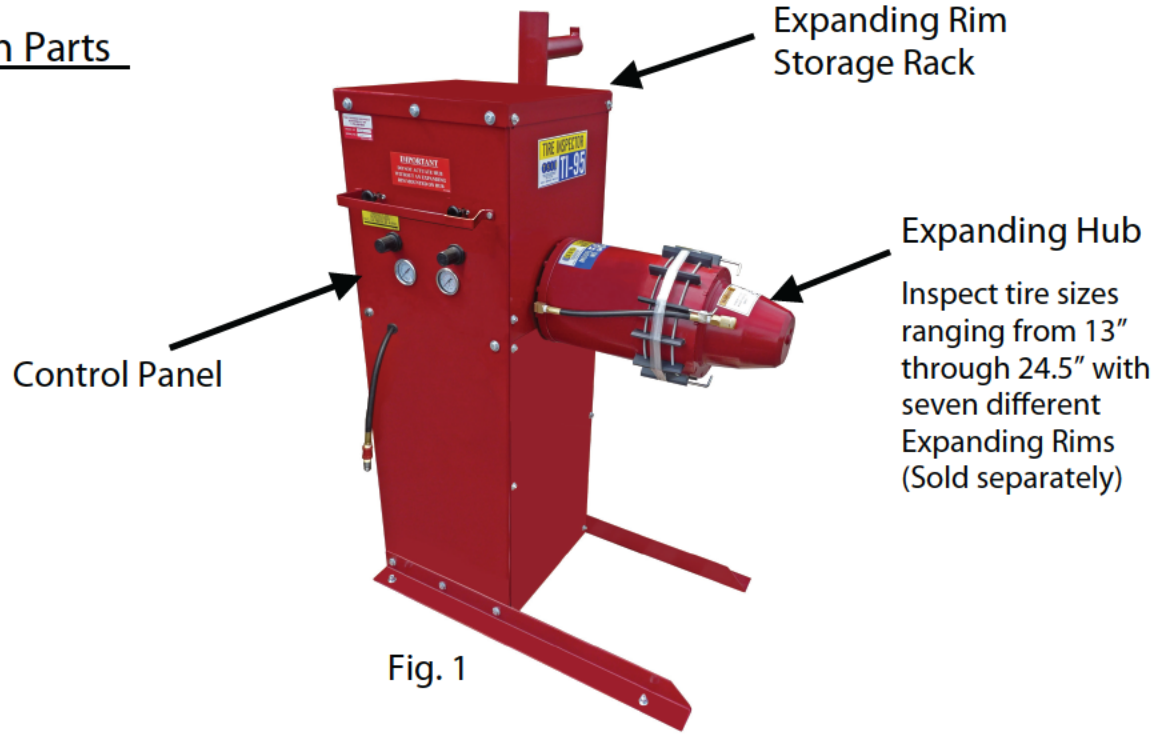

Fig. 1

Tip: If excess water gets inside Hub disassemble the entire hub, clean and dry all parts. Lube using marine grease and reassemble.

Controls

Knob for Tire
Pull to inflate
Push to deflate

Knob for Hub
Pull to expand
Push to collapse

Pressure Gauge & Valve to control air in Tire

Pressure Gauge & Valve to control air in Hub

1/4" NPT Female Air Inlet

Operation of Use

Connect air supply to 1/4" hose fitting. All pressures are pre-set for 30 PSI for Tire Pressure and 80 PSI for Expanding Hub and Rim.

Select the correct size Expansion Rim and mount onto Expansion Hub. Clean both Tire Bead inside diameter flanges and place on Expansion Rim.

Pull the Hub Knob to expand the Expansion Rim. Inflate the Tire by pulling the Tire Knob.

Use a n oil soap on the Expanding Rim Belt to assist tire to slide into position.

Check and test tire.

Push the Tire Knob to deflate tire. When the tire is deflated push the Hub Knob to collapse the Expansion Hub. Remove tire. Clean the Expansion Rim. Make sure no debris is left on Ex pansion Rim before placin g another tire on it.

Caution: Be careful when inflating tires!
TSI assumes no responsibility and is not liable if tires explode or come off of this rim assembly because of excessi ve air pressure.

MAINTENANCE

See Operators Manual & Repair Parts Lists for the Expansion Hub and Assembly for all maintenance requirements needed for the Expansion Hub and associated parts.

Keep the Expansion Hub and Expansion Rims clean from debris. If water seeps into the Hub it must be disassembled, cleaned and reassembled using Marine grease.

Every 30 days
Grease the Machined Hub through the hole (see photo at right) with standard Chassis grease every 30 days or as necessary.

Be careful not to over grease.

Every 6 months
Inspect the Water Extractor Filter. Replace every 6 months under normal use.
TSI Part Number 10676-1
Perform a visual check on all movable parts.

Specifications
The TI-95 Tire Inspector is 24 inches wide x 36 inches long and 49 inches tall.
It weighs 410 pounds.

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