



**Professional
Service
Equipment**

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**ILLUSTRATION
ON REVERSE
SIDE**

TNT-550 PARTS LIST

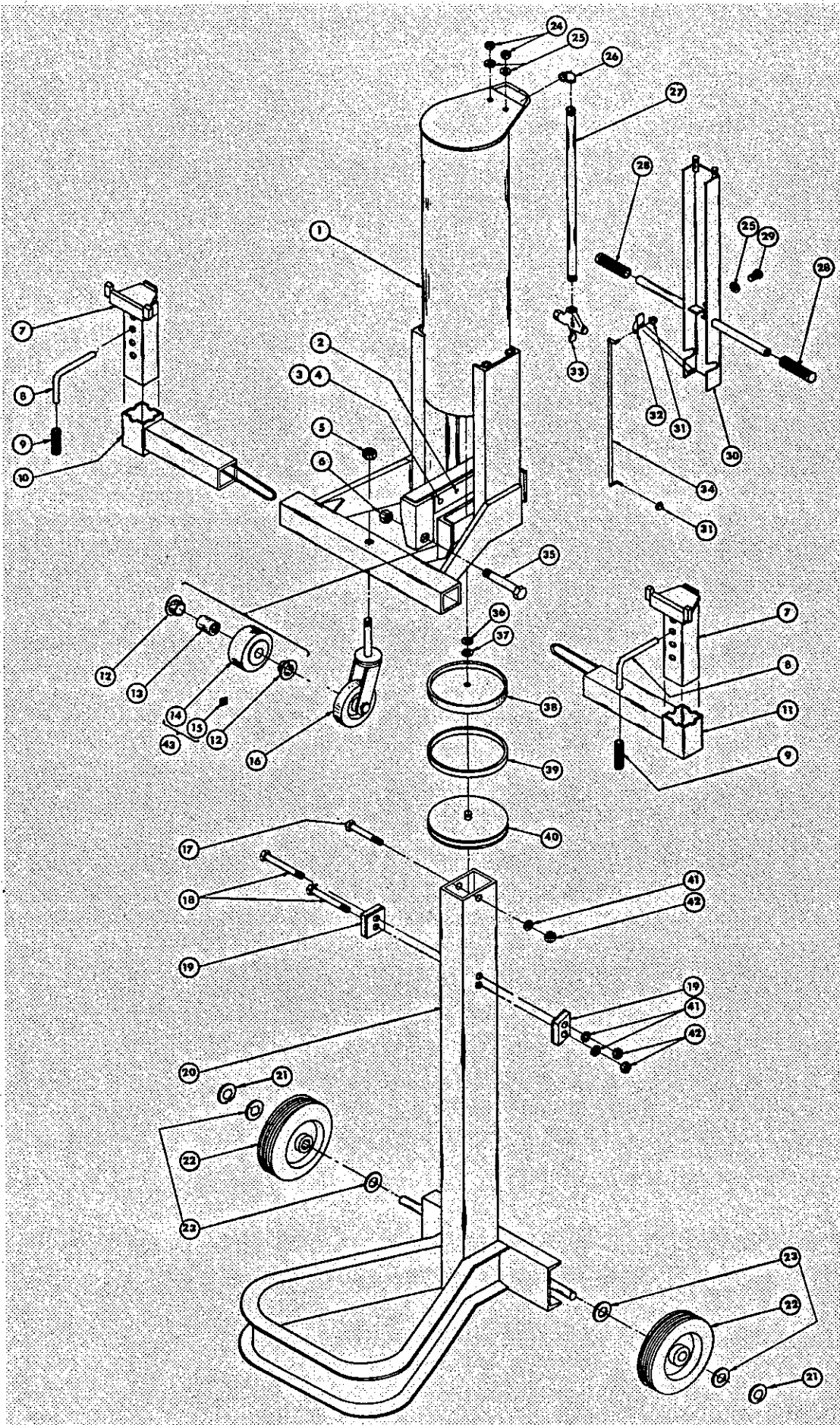
Serial Number 01-032359 and above

ITEM	PART NUMBER	DESCRIPTION	QTY
1.	4-801-02012	Top Weldment	1
2.	2-441-59003	Bearing, Base Post	2
3.	0-205-01006	Rivet, 1/4" x 2 5/8" Long	4
4.	0-203-51002	Palnut, 1/4"	4
5.	0-203-11701	Jam Nut, 3/4- 10 UNC	1
6.	0-203-11900	Jam Nut, 1" -8 UNC	1
7.	2-480-50023	Saddle	2
8.	2-801-04001	Saddle Pin	2
9.	1-232-20128	Handle Grip, 5/8" x 3 1/2"	2
10.	3-801-02003	Pad Arm, R.H.	1
11.	3-801-02004	Pad Arm, L.H.	1
12.	1-441-24001	Flanged Bearing, 1 1/2" Bore	2
13.	1-441-03001	Bearing, Plain, 1 1/2" Dia.	1
14.	2-480-00006	Wheel, 5" Dia.	1
15.	1-400-50000	Grease Fitting	1
16.	8480-11022	Caster, 6" Dia.	1
17.	0-200-31620	Capscrew, 5/8 x 5"	1
18.	1-202-01600	Capscrew, Special, 5/8" x 6 1/2"	2
19.	1-801-04062	Stop Block Drilled	2
20.	4-801-02011	Base Weldment	1
21.	1-230-13004	Retaining Ring, Ext. 1 Dia.	2
22.	3-480-02002	Wheel, 3.50 x 6	2
23.	1-204-01903	Washer, 1"	4
24.	0-203-01200	Nut, 3/8 - 16 UNC	2
25.	0-204-11201	Lockwasher 3/8"	3
26.	0-275-11001	Elbow, 900, 1/4" NPT, Street	1
27.	1-275-01019	Nipple, 1/4" NPT, 25 7/8 Long	1
28.	1-232-20114	Handle Grip, 7/8" x 5"	2
29.	0-200-31207	Capscrew, 3/8" x 1 1/4"	1
30.	3-801-02013	Valve Cover	1
31.	0-203-51200	Palnut, 3/8"	2
32.	3-800-04001	Safety Catch Hinge	1
33.	2-312-01006	Control Valve	1
34.	2-801-02014	Release Rod	1
35.	2-202-01900	Bolt, Special, 1", x 5 1/2"	1
36.	1-230-11000	Retaining Ring, 1/2"	1
37.	1-204-01401	Washer, 1/2"	1
38.	2-391-05005	Cup	1
39.	1-390-15007	Wiper Ring, Molded, 10" Dia. Bore	2
40.	2-310-45036	Piston Weldment	1
41.	0-204-11600	Lockwasher, 3/8"	3
42.	0-203-01600	Nut, 5/8"	3
43.	1-480-00007	Wheel and Grease Fitting Assy. (Includes Items 14 and 15)	1

Service Kit for 10" Cylinder Serial Number

Piston Kit 8801-01023

0-670-90009 REV G



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DISASSEMBLY CLEANING & REASSEMBLY INSTRUCTIONS

TNT-550

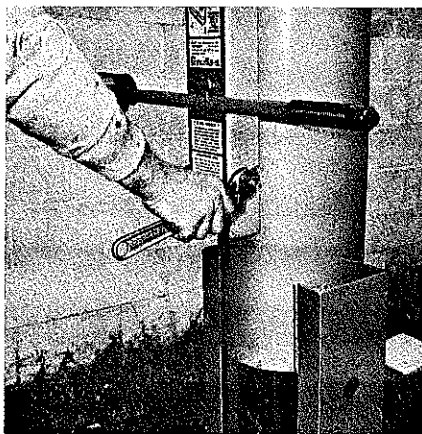
Truck-N-Trailer Air Lift

TIME REQUIRED: Approximately 30 minutes.

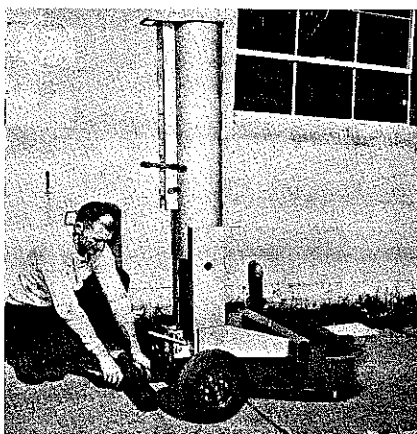
TOOLS: Ball Pein Hammer - Screw Driver - Pliers - Crescent Wrenches (2) (or Socket Set).

MATERIALS: Waste Rags - Mineral Spirits or Kerosene - Lightweight Automotive Chassis Grease.

DISASSEMBLY



With the cylinder in the "Down" position, remove the air connection at the right side of the control valve below the handle (See Fig. 1). (On some TNT's a pipe plug has replaced this air connection. Use a 1/4 -inch Allen Wrench to remove this plug).



With the jack on a suitable level surface, place one of the saddle posts on the floor behind the jack, locating it so that it will contact the safety stop bracket when the lift is lowered to the floor (See Fig. 2).



Standing behind the lift, grasp the top of the cylinder and tip down and toward you, pivoting on the rubber wheels, and locating so that the safety stop bracket will be supported on the saddle post previously placed on the floor. (See Fig. 3).

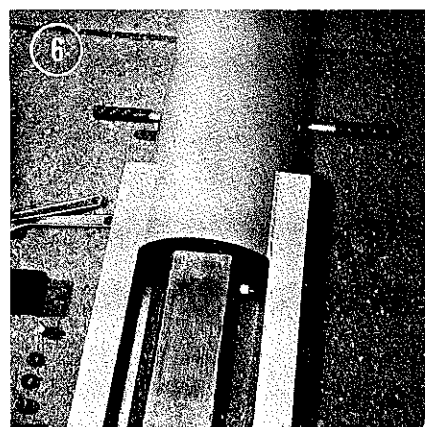


Pull base assembly "out" to obtain access to the two stop block bolts.

Remove stop lock nuts and washers. (See Fig. 4).



Position base assembly so that bolts may be removed through access hole in the side channel. (See Fig. 5).

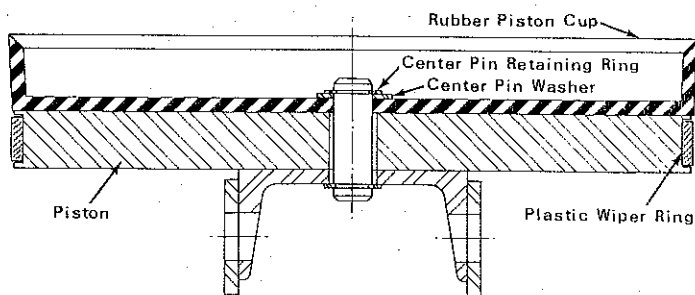


Pull base assembly out until lower surface of piston is flush with bottom edge of cylinder. (See Fig. 6).

Remove piston bolt.

The base assembly may now be separated from the cylinder and table assembly.

Remove piston from cylinder.



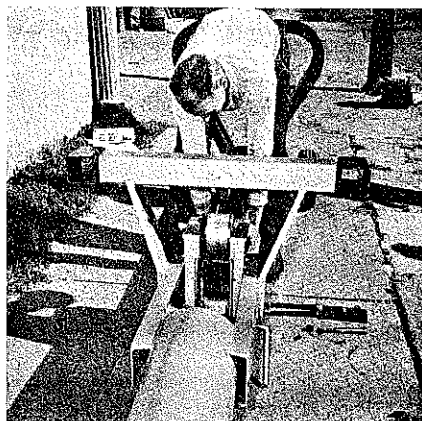
The piston cup may be removed from the piston by removing center pin retaining ring and washer. (See Fig.)

ASSEMBLY



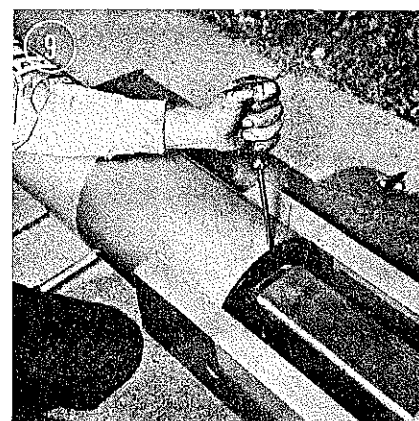
Coat the piston cup with lightweight automotive chassis lubricating grease similar to Standard Oil Company Stanolith 42 or graphite grease No. 1, or equivalent. Smear grease liberally around the piston cup retaining pin. Also coat the inside of the cylinder with a thin film of this grease.

Place the piston and piston cup assembly in the cylinder to the wiper ring groove. (See Fig. 7).



Place the wiper ring in the groove (the gap is to be to the front of the TNT 550). Slide the piston in flush with the bottom of the cylinder. (Take care not to pinch the wiper ring between the groove lip and the cylinder).

Insert the base post into the top assembly. (See Fig. 8).



Line up and insert the piston channel into the base post. (At this point assistance may be needed to keep piston in proper location). (See Fig. 9).



Replace the piston bolt, nut and washer. (See Fig. 10).



Slide the base post in to make the stop block bolt holes accessible. Replace the stop blocks, bolts, nuts and washers. (See Fig. 11).



Push the base assembly into the top assembly to get the TNT 550 into the "down" position. (See Fig. 12).

Replace the 1/4" connection (or pipe plug).

Set TNT 550 upright. Check for proper operation and make sure there is no air leakage.

CLEANING

Wipe the inside of the cylinder with waste or cloth to remove excess grease and oil. Degrease the inside of the cylinder with mineral spirits or kerosene. (Observe usual precautions for handling flammable solvents).

Clean and degrease the piston and seal in the same manner.

Wipe the inside of the cylinder with cheesecloth or other soft clean cloth to remove any remaining foreign material.

Carefully inspect the upper surface of the piston and the upper surface of the piston cup in the area of the mounting pin. Foreign particles on these surfaces may result in air leakage.