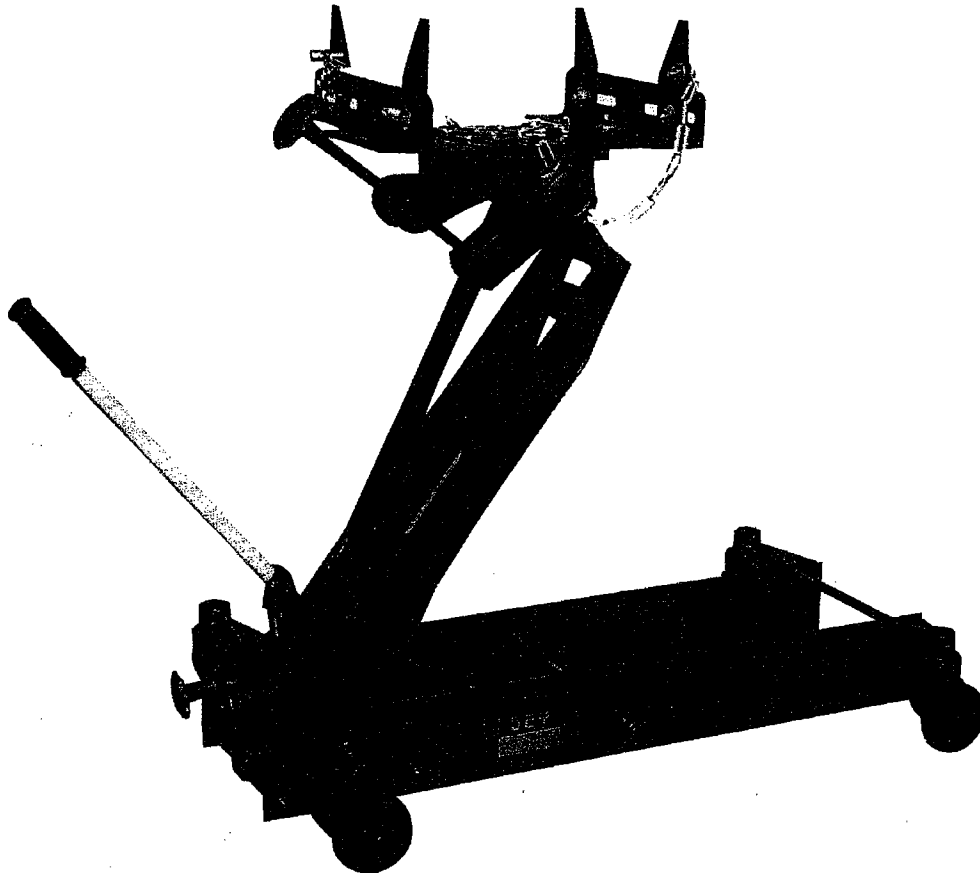




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Operator's Manual
TJ-1760 Transmission Jack



TJ-1760

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Specifications:

TJ-1760

Stock Number	450075
Capacity	1, 760 lb.
Minimum Height	12-1/8"
Maximum Height	35"
Sideways Adjustment	1-1/2"
Forward and Backward Adjustment	30°
Base Size	19" x 35"
Saddle Size	7-3/4" x 14-1/8"
Shipping Weight	188 lb.

The specifications in this manual are given as general information and are not binding. JET Equipment & Tools reserves the right to effect, at any time and without prior notice, changes or alterations to parts, fittings, and accessory equipment deemed necessary for any reason whatsoever.

All numbers in parenthesis () refer to the index number from the parts breakdown.

CAUTION

**Remove the plastic cap on the air valve (9) before operating the jack.
Failure to comply may cause improper operation.**

1. Move the jack into position.
2. Turn the pressure valve knob (6) clockwise fully to close the pressure valve.
3. Move the pump lever (11) up and down to raise the work table.
4. Adjust the table travel screw (29) and the slant angle screw (25) to align with the shape of the transmission.
5. Adjust the jaws and the chain to secure the transmission on the table.
6. Remove the transmission from the vehicle.
7. Turn the pressure valve knob (6) counter-clockwise slowly to lower the table. Lower the table slowly.
8. Reverse this procedure when mounting the transmission.

Maintenance

The hydraulic cylinder assembly contains hydraulic fluid that must be kept at approximately 80% of full at all times for proper operation. To check the level and to fill:

1. Turn the pressure valve knob (6) counter-clockwise.
2. Allow the table lower completely.
3. Remove the air valve (9) by unscrewing.
4. Make a visual inspection inside the air valve opening. The hydraulic fluid must be approximately 80% of the capacity of the hydraulic cylinder.
5. Fill with clean hydraulic fluid only.
6. Replace the air valve.

Lubrication

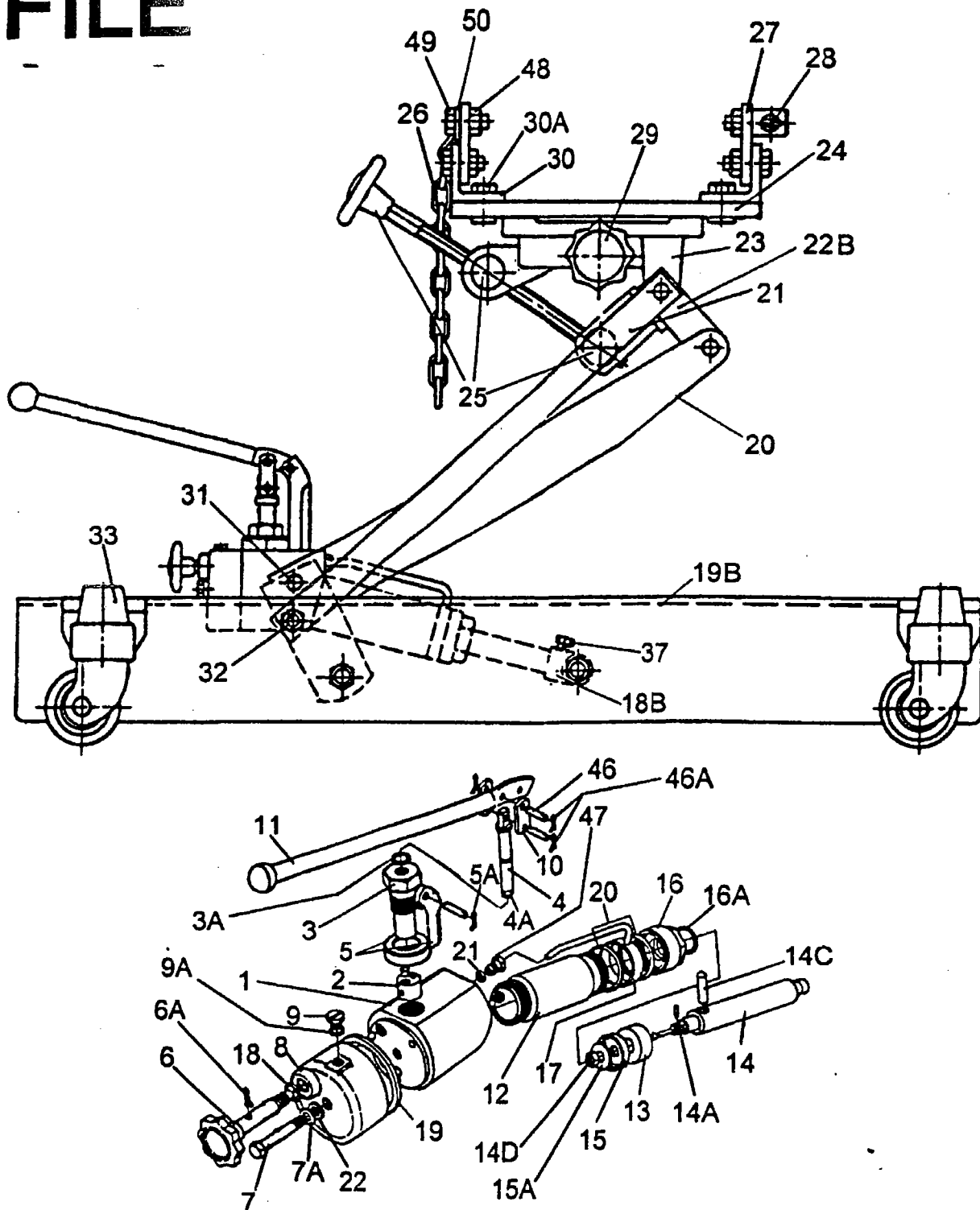
Lubricate the shaft threads of the angle screw assembly (25) and the table screw assembly (29) with #2 tube grease when necessary.



- **Read and understand the operating instructions before use.**
- **The vehicle must be properly supported and blocked before starting repairs.**
- **Use a transmission jack of the proper size and capacity to handle the anticipated load. This jack is rated for a maximum load of 1,760 lb. Do not overload beyond the jack's rated capacity. Overloading may cause damage to or failure of the jack.**
- **Keep hands, fingers, and arms away from moving parts of the jack at all times.**
- **Secure the load with the safety chain before lowering or moving the load.**
- **Lower the load slowly and avoid sudden starts or stops that may cause the load to shift.**
- **This jack is designed for use only on hard, level surfaces capable of sustaining the load. Use on other than hard, level surfaces can result in jack instability and possible loss of load.**
- **Do not use the transmission jack if under the influence of alcohol or drugs.**
- **This transmission jack is designed and intended for use by properly trained and experienced personnel only. If you are not familiar with the proper and safe operation of a transmission jack, do not use until proper training and knowledge have been obtained.**
- **The use of this jack is limited to the removal, installation, and transportation in the lowered position, of transmissions and differentials.**
- **Failure to comply with all of these warnings may cause loss of load, damage to the jack, and/or failure of the jack resulting in serious injury and/or property damage.**

TJ-1760 Transmission Jack

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Parts List For The TJ-1760 Transmission Jack

Index No.	Part No.	Description
1.....	TJ1760-01	Master Cylinder Body
2.....	TJ1760-02	Brass Valve
3.....	TJ1760-03	Plunger
3A.....	TJ1760-03A	O-Ring
4.....	TJ1760-04	Pump Piston
4A.....	TJ1760-04A	Pump O-Ring
5.....	TJ1760-05	Pump Bracket
5A.....	TJ1760-05A	Split Pin
6.....	TJ1760-06	Pressure Valve Knob
6A.....	TJ1760-06A	Pin
7.....	TJ1760-07	Oil Tank Bolt
7A.....	TJ1760-07A	Release Packing Washer
8.....	TJ1760-08	Oil Tank
9.....	TJ1760-09	Air Valve
9A.....	TJ1760-09A	O-Ring
10.....	TJ1760-10	Pump Band Assembly
11.....	TJ1760-11	Pump Handle
12.....	TJ1760-12	Cylinder (pipe)
13.....	TJ1760-13	FC Piston
14.....	TJ1760-14	Rod
14A.....	TJ1760-14A	Pin
14C.....	TJ1760-14C	Pin
14D.....	TJ1760-14D	Cylinder Packing Nut
15.....	TJ1760-15	Cylinder Packing
15A.....	TJ1760-15A	Washer
16.....	TJ1760-16	FC Hex Nut
16A.....	TJ1760-16A	O-Ring
17.....	TJ1760-17	Copper Nozzle
18.....	TJ1760-18	Pressure Valve O-Ring
18B.....	TJ1760-18B	Rod Fixing Pipe
19.....	TJ1760-19	Oil Tank Packing

Index No.	Part No.	Description
19B.....	TJ1760-19B	Frame
20.....	TJ1760-20	FC Hex Backup Ring
21.....	TJ1760-21	Rubber Packing (S)
22.....	TJ1760-22	Rubber Packing (L)
22B.....	TJ1760-22B	Horizontal Bracket
23.....	TJ1760-23	FC Base Assembly
24.....	TJ1760-24	Base Panel
25.....	TJ1760-25	Angle Screw Assembly
26.....	TJ1760-26	Chain
27.....	TJ1760-27	Claw
28.....	TJ1760-28	Key w/ Washers & Nuts
29.....	TJ1760-29	Screw Assy. w/ Nut & Pin
30.....	TJ1760-30	Angle
30A.....	TJ1760-30A	Bolt w/ Washers & Nut
31.....	TJ1760-31	Cylinder Fixing Pin
32.....	TJ1760-32	Arm Band Pin
33.....	TJ1760-33	Caster Assembly
33B.....	BB-2905	Thrust Bearing
33C.....	TJ1760-33C	Caster (only)
37.....	TJ1760-37	Rod Fixing Bolt
46.....	TJ1760-46	Piston Band Pin
46A.....	TJ1760-46A	Split Pin
47.....	TJ1760-47	Oil Stop Nut
48.....	TJ1760-48	Nut
49.....	TJ1760-49	Bolt
50.....	TJ1760-50	Washer
.....	TJ1760-49A	Bolt w/ Washer and Nut
.....	TJ1760-35	Drag Handle (not shown)
.....	TJ1760-A	Piston Assembly CP
.....	TJ1760-B-A	Piston Packing Set
.....	TJ1760-D	FC Hex Nut Set
.....	TJ1760-RK	Packing Set (Repair Kit)