

# 500kg Transmission Jack



## Operating Instructions

TRN0500

CE

**Butts** Tools  
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**FOR YOUR SAFETY**

Please read these instructions carefully and retain them for future use.

# Specifications

Specifications are subject to change without notice

Model	Capacity (Kg)	Min Height	Max Height	Nett Weight (Kg)
TRN0500	500	1100mm	1900mm	32kg

## SAFETY INSTRUCTIONS

Read and study these instructions carefully and follow all warning and operating instructions prior to use.

**DO NOT OVERLOAD** this jack beyond its rated capacity. Before lifting check the weight of the gearbox. Before use preliminary checks should be made to ensure jack is in good working order and that all parts are present and that the jack has not been damaged in any way.

Ensure you are working in a well lit area with plenty of space around you. Suitable Safety Wear Should be Worn.

If the load begins to tip or move for any reason stand clear of the jack, do not try and hold or stabilise the jack. Failure to do this could result in serious injury.

This jack is designed for use on hard level surfaces only. Not Grass or Tarmac.

We suggest training personnel in the use of this type of equipment to prevent serious accidents.

Once the jack has a load ensure it is lowered before manoeuvring. **Never move jack in raised position.**

This type of jack is suitable for removal and installation of gearboxes and should not be modified to suit any other purpose.

To prevent invalidating your warranty ensure the jack is used indoors only, and away from water, damp and condensation etc.

When lifting ensure that the gearbox is located centrally on the jack saddle. Failure to do this can cause the unit to tip and cause serious harm. Great care should be taken in this whole process.

## ASSEMBLY

- Fix wheels to wheel stands using the bolts provided.
- Attach the legs to the main body of the jack cylinder. Ensure all nuts are securely tightened.
- Place Saddle on top of Cylinder.

## OPERATING THE JACK (Positioning and Lowering)

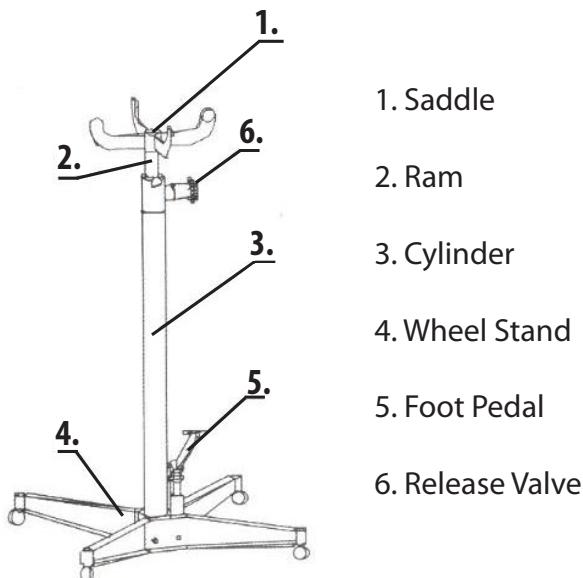
1. Prior to operating the jack, remove any accumulated air from the system as follows:  
Open the release valve by turning knob anti-clockwise and hold the valve in the open position.  
Operate the foot pedal around 20 times and then release the knob closing the valve.
2. Find out the weight of the gearbox does not exceed the jack's capacity before use. With the vehicle securely parked and raised to the correct amount on the vehicle lift, move the jack directly under the gearbox. Pump the foot pedal and the saddle will rise to meet the gearbox. Adjust as necessary to ensure in correct position.
3. Before lowering the transmission jack or moving around the workshop ensure that the gearbox is secure and stable.

## OPERATING THE JACK (cont)

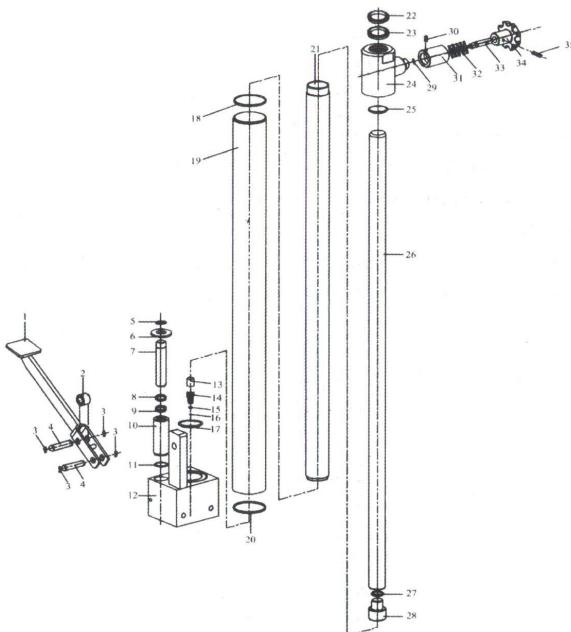
4. **Slowly** turn the release valve knob anti-clockwise to lower the jack to the lowest possible point. You control the speed of descent by the amount you turn the knob. It should be done slowly and carefully. 4. This jack is only designed to work on smooth and level surfaces. (IE Workshop floors) Take care to ensure floor is free of any obstacles prior to doing this.
5. If at any point the transmission jack appears to be unsafe or unstable, move away from the jack, do not try and stabilise it on your own.
6. To fit the gearbox to the car just simply reverse these procedures.

## PREVENTIVE MAINTENANCE

**IMPORTANT:** The greatest single cause of failure in hydraulic units is dirt. Keep the service jack clean and well lubricated to prevent foreign matter from entering the system. If the jack has been exposed to rain, snow, sand or grit. It must be cleaned before use. Lubricate All Moving Parts!



## PARTS LIST



Use Part Number TRN0300/\*Number below

Item No.	Description	Qty	Item No.	Description	Qty
1	pedal	1	19	housing	1
2	roller	1	20	Seal washer	1
3	Snap ring	4	21	cylinder	1
4	Pin spindle	2	22	Dust ring	1
5	Spring washer	1	23	Y-seal	1
6	Spring washer	1	24	Cylinder cap	1
7	Pump core	1	25	O-ring	1
8	Dust ring	1	26	Piston rod	1
9	Y-seal	1	27	Spring washer	1
10	pump	1	28	piston	1
11	Seal washer	1	29	o-ring	1
12	Pump body	1	30	bolt	1
13	Perforation nut	1	31	Spring cap	1
14	Subulate spring	1	32	spring	1
15	Steel ball	1	33	Strike pin	1
16	Steel ball	1	34	knob	1
17	Seal washer	1	35	pin	1
18	Seal washer	1			



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