

TQ Pro

Trusted by serious professionals

OWNERS MANUAL

TRANSMISSION SADDLE UPGRADE

**Professional
Reputable
Outstanding**



+ STRONG
 + PRECISE
 + RELIABLE
 + WELL FINISHED

TQ Pro LATEST APPLIED TECHNOLOGIES
 Trusted by serious professionals

WARNING

NOT DESIGNED FOR USE WITH:
HEAVY COMMERCIAL VEHICLES

About the TQ Pro brand

TQ Pro top quality Tools and Equipment are designed and manufactured for specialist *professional use in a garage and workshop* environment. TQ Pro products are strong, reliable, and well finished for the expert tool user who appreciates professional design, reliability, and attention to detail. Covered by our *12month trade use warranty*, our TQ Pro Tools & Equipment are made with pride to deliver the best combination of professional performance, presentation, and reliability.

Rated Maximum Capacity	Suits TQB Brands Models	Lifting Platform Size (min-max)	Saddle Tilt Adjustments	Intended Use
1,000KG*	PROTL1000, 2063T, PROTL500 & 2022T	160 x 145 mm 475 x 465 mm	4 Way	Removal and installation of transmissions

*SEE YOUR TRANSMISSION LIFTERS CAPACITY

WARNING INFORMATION

IMPORTANT: READ YOUR TRANSMISSION LIFTERS OWNERS MANUAL AND USER INSTRUCTIONS BEFORE USE

COMPATABILITY STATEMENT

THIS ACCESSORY IS EXCLUSIVELY COMPATIBLE WITH THE FOLLOWING TQB BRANDS TRANSMISSION LIFTERS:

PART NUMBER:	2022T	PROTL500	2063T	PROTL1000
MAXIMUM GVM:	<2,300KG	<2,500KG	<3,200KG	<3,500KG

Features

- The saddle frame is constructed of superior-grade steel and built to premium standards for professional quality and durability
- The enlarged threaded rods paired with cantilevered handles allow for faster adjustments over standard saddle design resulting in higher efficiencies
- The four ratcheting securing pins are easily and quickly adjustable making transmission lifting safer & more secure
- Two tie-down straps included to safely secure the transmission to the saddle
- Four rounded tie-down points and holes in securing pins allow for added level of customisation to secure the load
- One removable saddle pin allows for accommodation of longer gearboxes
- Compatible with and for use on selected TQB Brands Transmission Lifters Only

Specifications

- Exclusively Fits The Following TQB Brands Models: PROTL1000; PROTL500; 2063T; 2022T
- Rated Maximum Capacity: 1,000kg (See your transmission lifter's capacity)
- Lifting Platform Size: 160x145mm (475x465mm Max.)
- Forward Tilt: 11°
- Rearward Tilt: 11°
- Left Tilt: 9°
- Right Tilt: 11°
- Nett Weight: 19kg
- Carton: 360 x 240 x 370mm
- Gross Weight: 22kg



Operation:

1. Lift the vehicle to the desired work height and support the vehicle in accordance with the lift manufacturer's recommended support procedure and all the instructions and warnings in this manual.
2. Use an under hoist stand rated greater than the weight of the engine to support the engine before unbolting the transmission from the engine or bolting the transmission to the engine.
3. Position the transmission jack directly under the transmission. Depress the foot pedal marked "UP" to raise the jack in order to raise the saddle to a height very close to the centre of balance point of the transmission oil pan but do not touch the transmission.
4. Adjust the ratchet arms on the saddle so that the bent-up section of the arms will fit in the mounting flange around the perimeter of the transmission oil pan. Slowly and gently pump the jack so the connection is made and then secure the transmission to the jack's saddle with the tie down strap provided. Sometimes it is necessary to turn the fore and aft and also the side-to-side tilt knobs, so the saddle is in the proper alignment with the transmission pan before securing the load to the saddle.
5. Make sure the tie down strap is very tight when securing the transmission to the saddle and before raising or lowering the transmission.
6. Remove the transmission from the engine according to instructions in the vehicle service manual.
7. Once the transmission has been disconnected from the engine, very slowly depress the release pedal. Make sure the jack's saddle and transmission do not hang up on any under car components, wiring, fuel lines, etc.
IMPORTANT: Continue to lower the load until both ram stages bottom out at their lowest point.
8. When installing a transmission, follow the above instructions but in the applicable order and according to the vehicle manufacturer's installation procedure.



PRODUCT INFORMATION

How to extend the life of your Transmission Lifter

10 Top Tips

to extend the life of your TQB BRANDS Transmission Lifter

1 Open the breather valve prior to use.

Opening the breather prior to operation ensures the efficient hydraulic operation of the lift ram and pump preventing pump and ram cavitation resulting in poor operation and or possible hydraulic oil loss.



2 Regularly lubricate the tilt adjust rods, pivot points.

Lubrication of all pivots, pins, adjusters, and castor wheels ensures smooth operation during lifting and adjustment procedures while removing a transmission.



3 Regularly lubricate the castors axles & ball races to ensure smooth movement of the loaded jack.



4 Always store in the fully lowered position.

Storage in the lowered position ensures the lift ram assembly is sealed from exposure to weather fluctuations and keeps the hydraulic ram seals in a relaxed condition ready to work when required.



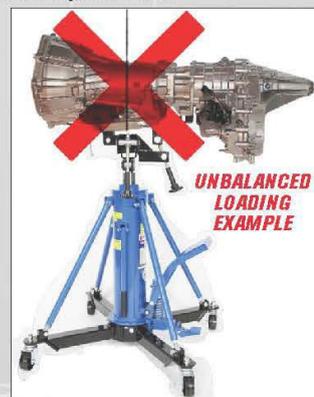
5 Never use trans lifter for supporting loads.

To ensure long life of the hydraulic lift ram seals, a load must not be supported above the fully lowered position. Once a transmission is removed from a vehicle the loaded transmission lift must be fully lowered where the internal mechanical travel stops can support the load. Transmission lifts must not be used for suspension support during repairs. Please use a suitable auxiliary stand for this purpose.



6 Centering the load on the platform.

Correct balance of the load is a critical factor where unbalanced loads can affect the smooth lowering and raising operation. Always consult your vehicle manufacturer specifications for the correct lift point when attaching transmission lifter to a transmission.



7 Use correct model for intended application.

The following chart explains model suitability based on GVM and Transmission type.

TQB BRANDS Recommendation for Under Hoist Transmission Jack Applications							
	GVM LESS THAN 2000KG	GVM LESS THAN 2300KG	GVM LESS THAN 2500KG	GVM LESS THAN 3200KG	GVM LESS THAN 3500KG	2 WHEEL DRIVE	ALL WHEEL DRIVE & 4 X 4 LIGHT COMMERCIAL
2049T/59T	Y					Y	
2002T/22T	Y	Y				Y	Y
2052	Y	Y	Y			Y	Y
PROTL500	Y	Y	Y			Y	Y
2053T/63T	Y	Y	Y	Y		Y	Y
PROTL1000	Y	Y	Y	Y	Y	Y	Y

8 Hazards and Obstructions.

All wheeled TQB Brands equipment must be used on smooth surface free of cracks, crevices and tripping hazards that can foul the wheels during operation or relocation.

9 Read the user Manual thoroughly and keep a copy easily accessible.

The user's manuals are important to the initial set up and ongoing maintenance and come with each transmission jack, they are also downloadable from our webpage at www.tqbbrands.com.au

10 Visit our webpage for instructional videos.

We have created instructional videos for our range of transmission jacks which include bleeding procedures and product comparisons. You'll find these at www.tqbbrands.com.au



WARRANTY

TQ Pro products have been carefully tested and inspected before shipment and are guaranteed to be free from defective materials and workmanship for a period of 12 months from the date of purchase except where tools are hired out when the guarantee period is ninety days from the date of purchase.

Should this piece of equipment develop any fault, please return the complete tool to your nearest authorised warranty repair agent or contact TQB Brands Pty Ltd Warranty team – warranty@tqbbrands.com.au.

If upon inspection it is found that the fault occurring is due to defective materials or workmanship, repairs will be carried out free of charge. This guarantee does not apply to normal wear and tear, nor does it cover any damage caused by misuse, careless or unsafe handling, alterations, accident, or repairs attempted or made by any personnel other than the authorised TQB Brands Pty Ltd repair agent.

This guarantee applies in lieu of any other guarantee expressed or implied and variations of its terms are not authorised.

Your TQB Brands Pty Ltd guarantee is not effective unless you can produce upon request a dated receipt or invoice to verify your proof of purchase within the 12 month period.

Consumer Guarantee

Our goods come with a guarantee that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.



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