

Owners Manual

Product Code: TQ39-0170

**MADE FOR THE
TRADE**

TQ TRADEQUIP
the trusted brand in equipment

**HYDRAULIC BALL JOINT
TOOL**



Hydraulic Capacity (KG)	Adaptor Sizes (mm)	Recommended Applications	Product Weight (KG)	Carton Dimensions (mm)
10,000	17-22 19-28 26-32 30-36	Ball Joints, Tie Rod Ends, Steering Knuckles and Control Arms	6.4 kg (Gross) 4.8 kg (Net)	360 x 330 x 120

TQB

TQB Brands Pty Ltd

www.tqbbrands.com.au

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FEATURES

- **Versatile Application:** Engineered for the safe and efficient separation of ball joint connections, tie rod ends, steering knuckles, and lower control arms across a wide variety of vehicles.
- **Powerful Hydraulic Force:** Utilizes a 10-ton hydraulic ram to deliver high-pressure, controlled separation force, offering a significantly more effective and lower-effort solution compared to traditional manual "pickle fork" hammering methods.
- **Non-Destructive Design:** The controlled hydraulic action and specialized fork design allow for joint release without damaging protective rubber dust boots, making it ideal for retaining components that do not require replacement.
- **Universal Compatibility:** Includes a comprehensive set of interchangeable fork adapters to suit a broad range of stud sizes found on passenger cars and light commercial vehicles.
- **Heavy-Duty Construction:** Manufactured from robust, high-grade steel to withstand high force application and ensure long-term durability in professional workshop environments.
- **Streamlined Operation:** Simple assembly and straightforward hydraulic action provide a quick and easy solution for difficult suspension tasks.

OPERATION



CAUTION



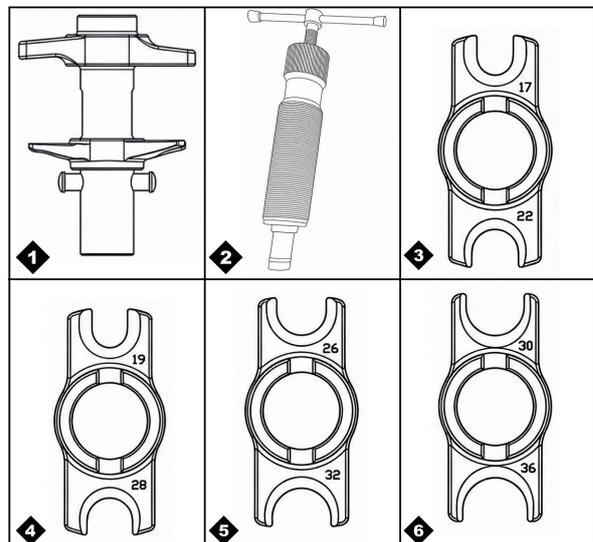
**Joint separation can occur suddenly
Ensure hands are clear of the pinch points**

Operational Instructions

- **Preparation:** Remove the cotter pin and loosen the castellated nut on the ball joint or tie rod stud. It is recommended to leave the nut threaded on flush with the end of the stud to protect the threads and catch the component upon separation.
- **Select Adapter:** Choose the fork adapter (Items 3, 4, 5, or 6) with the correct opening size to fit snugly around the stud of the joint being separated.
- **Assemble Tool:** Insert the selected fork adapter firmly into the base of the main tool body (Item 1).
- **Position Tool:** Slide the fork adapter between the ball joint/tie rod rubber boot and the steering knuckle or control arm. Ensure the tip of the hydraulic ram (Item 2) is centered squarely on top of the stud.
- **Apply Pressure:** Rotate the T-handle of the hydraulic ram (Item 2) clockwise to apply steady pressure to the stud. Continue tightening until the tapered joint breaks free.

PARTS BREAKDOWN & PARTS LIST

No.	Description	Qty
1	Press Frame	1
2	Hydraulic Ram	1
3	Adaptor (17-22)	1
4	Adaptor (19-28)	1
5	Adaptor (26-32)	1
6	Adaptor (30-36)	1



WARRANTY

TRADEQUIP Product Warranty Information

All TRADEQUIP products undergo thorough testing and quality assurance procedures prior to dispatch to ensure they are free from defects in materials and craftsmanship. A warranty is provided for a period of twelve months from the date of purchase. This warranty shall be void if the product is leased or hired out to third parties.

Warranty Claim Process

Should you experience any issues with your equipment, please return the complete product to your nearest authorized warranty repair agent or contact the TQB Brands Pty Ltd Warranty team at warranty@tqbbrands.com.au.

- If an inspection determines that the fault is due to defective materials or workmanship, repairs will be conducted at no cost to you.
- This warranty does not cover normal wear and tear or damages resulting from misuse, careless handling, unsafe practices, alterations, accidents, or repairs attempted by anyone other than an authorized TQB Brands Pty Ltd repair agent.

Important Notes

- This warranty supersedes any other expressed or implied guarantees, and modifications to its terms are not permitted.

Your TQB Brands Pty Ltd warranty is valid only if you can provide a dated receipt or invoice as 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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