TOMCAT
TRI-CYCLING EXCELLENCE

2020

Tomcat Electric Power Assisted Tricycles. Instructions for Use.

UK CA CE MD

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Thank you for choosing a Tomcat ™ product. We wish you many years of fun, therapy and usefulness from it.

Your Tomcat trike is a class 1 medical device intended to enable fully independent teenagers and adults of 14 years of age and older to cycle. It is typically suited to people with balance, mobility or stroke conditions, or those with genetic conditions typified by cerebral palsy. When used as part of a regular exercise regime, cycling can greatly benefit the user's strength, mobility, and general health and wellbeing. This user information is intended as a quick start guide to help you get the best possible benefit from the product.

Your tricycle may be provided with special adaptions to compensate for certain personal issues not covered by this information for use.

To stay safe and get the best from your product, please read these instructions carefully.

Warning

- Observe your country's highway regulation at all times.
- Always wear a helmet and suitable protective clothing.
- Use all safety devices provided at all times.
- Do not carry passengers or allow others to ride on the rear axle or basket.
- Use the park brake when mounting/dismounting or when leaving the vehicle unsupervised.
- Do not ride over kerbs (except "drop kerbs") or other hazards that may damage or destabilise the vehicle.
- Do not use off-road, on steep inclines, heavy cambers or sloping or uneven ground.

Tricycle General Care and Safety.

Before Use:

- Ensure lights, reflectors, flags and warning devices are in good working order.
- Check tyre condition and maintain correct tyre pressure as printed on the tyre wall.
- Test braking and steering functions.
- Check Battery is fully charged, and locked in holder.
- Ensure all removable components (wheels, seat, divisible frame mechanisms, etc) are secure, correctly assembled in accordance with user manual instructions, interlocked where appropriate, and in good working order.

When in Use:

- Always use all safety devices provided.
- Observe the national and local laws on cycling.
- Carry a means of communication for emergency use.
- Use a secure cycle lock when leaving the tricycle unattended.

After Use:

- Clean and dry the tricycle before storing.
- Store in a dry location away from Ultraviolet (UV) light.
- Charge Battery Pack (never leave the battery in a discharged state)
- Service the trike in accordance with the user handbook or after prolonged storage.

Regularly:

- Check the tyre pressure (printed on tyre wall) and tyre condition. Replace any tyres that are worn, bulging, cracked or perished.
- Check that the brakes function effectively, show no signs of wire corrosion, and are appropriately adjusted to suit the rider. For further information, refer to the manual (available online).
- Check safety devices, e.g. reflectors, lights, bell, luminous surfaces are in good condition and unobstructed.
- Visually check the chain drive lubrication. If the chain looks dry or corroded, lubricate well with cycle grease or chain lubricant.

Tricycle General Care and Safety.

Tricycle General Adjustment

Trikes with “Height Adjustable” Saddle (conventional Trike models).

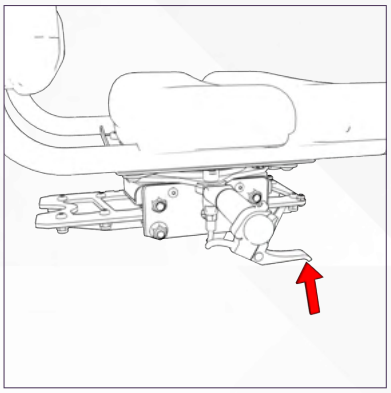
- Adjust the saddle height until the fully extended leg is slightly bent at the knee.
- Adjust the backrest to a comfortable angle (If adjustable).
- Adjust the Seat Slide mechanism to a comfortable “reach”.
- Adjust the bottom Bracket and Pedals to a comfortable “reach”
- Adjust the gap width of lateral supports (if fitted) to closely match the body and its clothing.
- Adjust the accessories, (footshoes, harness, leg calipers, gloves, headrest, etc, etc) according to the advice of your physiotherapist/healthcare professional.

Tricycle Special Features Adjustment (Where Fitted)

Note! Unless stated otherwise, refitting or locking is a reversal of removing or unlocking)

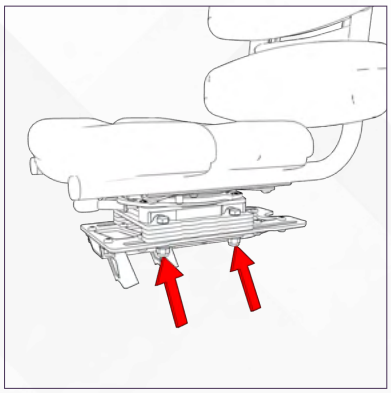
Swivelling Seat (Low sitting models).

- Press red lever down (various locations)
- Rotate seat and release the lever. The seat locks automatically when full rotation is reached.



Sliding the Seat (Low sitting models).

- Undo locking nuts, adjust and relock on “standard sliding seats”.
- Pull/Press button (left side of seat) adjust and release, on “Quick Adjusting” seats



Tricycle Special Features Adjustment (Where Fitted)

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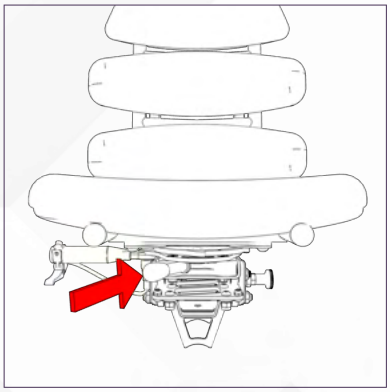
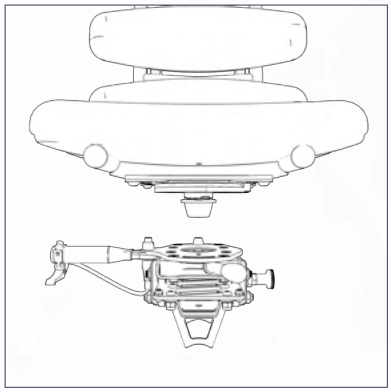
Removing the seat (Low sitting models).

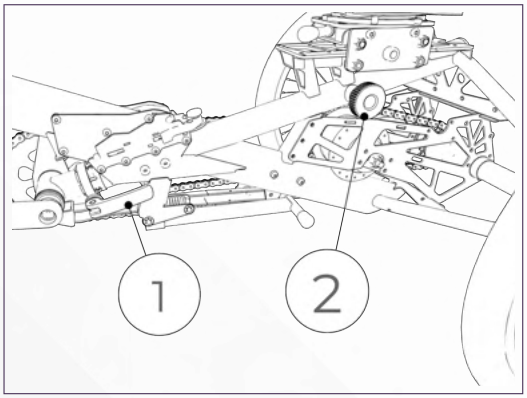
- Swivel the seat to the normal (riding) position.
- Push the black knob (beneath seat) towards the rear of the trike. (Warning! - Do not pull up or push down).
- Rotate the lever anti-clockwise.
- Lift seat to remove.





Extending/Retracting the Cranks and Pedals (Low sitting models).

- Release the Quill Clamp (1)
- Rotate the adjuster knob (2) to adjust the cranks and pedals.



Tricycle Special Features Adjustment (Where Fitted)

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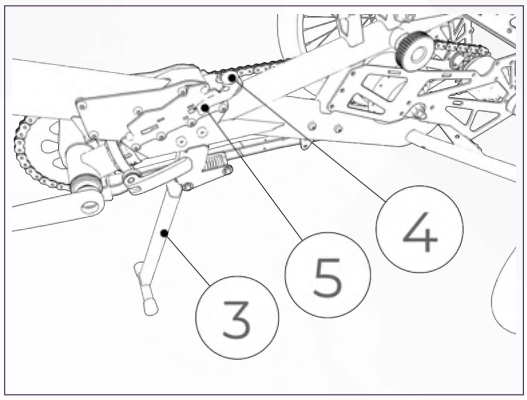
Splitting the Frame (Low Sitting models).

- Deploy the centre Stand (3)
- Lift and release the interlock button (4) whilst simultaneously rotating the Quick Release Lever (5) till it locks open.
- Remove the upper frame by lifting the front wheel until the upper frame can be moved backwards. The upper frame will then lift away.



Tricycle Special Features Adjustment (Where Fitted)

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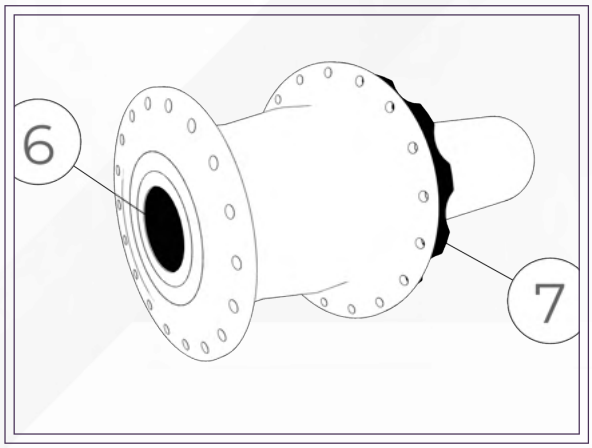

Removing "Quick Release" Rear Wheels.

- Remove the Upper frame with the lower frame supported on the stand.
- With a free hand, slightly lift the frame to lift the wheel to be removed off the ground.
- Press the Black central button (6) and remove the chosen wheel.
- Lower the frame to the ground and repeat the process for the other wheel.
- IMPORTANT! Always fit covers to axles shaft and wheels whenever wheels are removed.

To Refit Wheels:

- Check axle and Hub are spotlessly clean!
- With free hand, hold the black grip ring (7) to prevent the axle turning
- Slide wheel over axle.
- Press black button (9) and rotate wheel till wheel slides fully into engagement.
- Black Button (9) must be flush with axel and wheel face. Test before riding off.

Tricycle Special Features Adjustment (Where Fitted)

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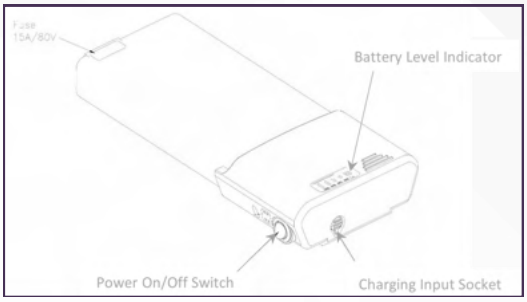
Battery Management

- To install - insert the battery into the casing. Lock the battery in use.
- To charge - insert charger plug in to charging input socket.
- When charging, the light on the charger will be red to indicate charging, or green to indicate fully charged.
- Press the battery level indicator button to check charge levels (4 x LED's)
- Do not fully discharge the battery
- Charge regularly when not in use. (Min every 2 months)
- Switch power off when not in use



Electric Power Assist - Controller operation

- Warning. Rider must be seated and ready to ride before activating ANY of the following functions

- Press "M" Button to turn on/off display
- Press + button to raise speed and power assist
- Press - button to lower speed and power assist
- Press and hold + button to turn on/off lights (if fitted)

Max speed in top power level 25kph

Standard Cycle Components and Consumables/Accessories/Features

Note! Brake Levers, Gear change mechanisms, indicators, lights, reflectors, cycle helmets, pedals, cables, clamps, grips, saddles, pumps, repair kits etc. are standard and familiar cycle components, well known to the cycle industry and should be used in the manner intended by the manufacturer. It you are unsure on the use or maintenance of any standard cycle component; you should seek the advice of a cycle technician before use.

For further information on how to set up and use your trike safely please visit: www.tomcatuk.org

Add your notes here:

Warranty

Scan QR code to view full version of warranty.

Video manuals

Tiger Manual

Roadhog Manual

Apprentice Trike Manual

Rotor Trike Manual

Bionic Buddy Manual

Fizz trike Manual

Dragon Range Trike Manual

Thunderbolt& Thunderfly Manual

Silver trike Manual

Electric trike Manual

Skool Kat Manual

Tomcat Innovations

Quick Release Seat™

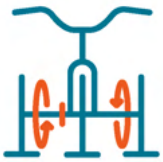
Carer Control™

Smart Brake™

Two Piece Frame™

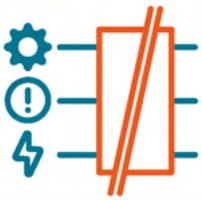
Trailer Trike™

Customisation



Dual Axle™

Pitstop™, Quick Release Rear Wheels



Connect™ - Tomcat "Control, Interface Technology"

Bionic Buddy™

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