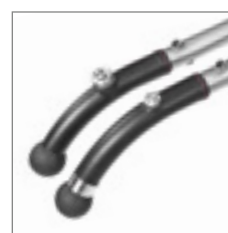
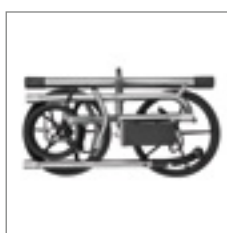


TiCad[®]

READ ME FIRST **TiCad** GOLDFINGER



READ ME FIRST

TiCadGOLDFINGER

Congratulations!

You have chosen an excellent product manufactured by TiCad! All of our high-quality products are carefully handmade at our production facility in Altenstadt (Hessen, Germany).

To ensure that you will be able to enjoy your trolley for a very long time, please take some time to carefully read through these operating instructions, which contain important information that will make using your trolley a lot easier.

If you have any further questions regarding the use or care of your trolley, please contact your TiCad dealer.

We would like to wish you many enjoyable games of golf and a lot of success! Your TiCad team

YOUR TICAD GOLDFINGER IN DETAIL

- | | |
|-------------------------------|-------------------------------|
| 1 Twist-grip control | 12 Sliding sleeve |
| 2 Drawbar leather handle | 13 Drive wheel made of GRP* |
| 3 Single button | 14 Battery connection |
| 4 Umbrella adapter | 15 Bottom firm-fix connection |
| 5 Drawbar | 16 Battery holder (concealed) |
| 6 Top firm-fix connection | 17 Bottom bar |
| 7 Top bag holder | 18 Bottom bag holder |
| 8 Fastening straps | 19 Front shaft |
| 9 Centre bar | 20 Knurled sleeve |
| 10 Centre firm-fix connection | 21 Front wheel made of GRP* |
| 11 Motor bar | |

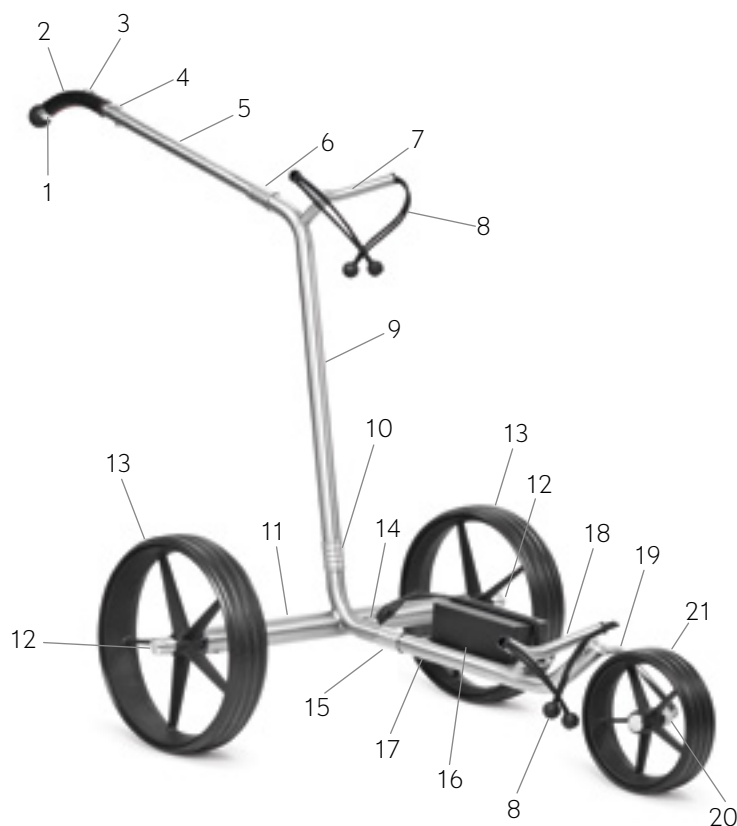


Image:
TiCad Goldfinger with twist-grip control and GRP* wheels,
also available as
TiCad Goldfinger with dual button control.

*Glass-fibre reinforced plastic (PA 6 GF 30)

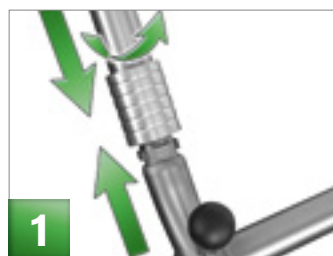
SETTING UP YOUR TROLLEY

Frame connections (firm-fix connections):

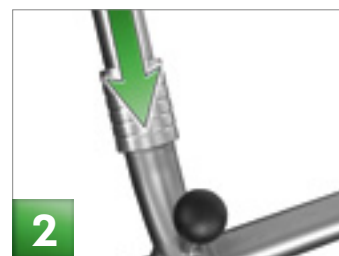
The frame of your TiCad trolley is assembled with firm-fix connections. To connect two frame sections, simply press them into one another and slightly turn one of the sections to allow the coupling system to engage (1+2). It will have engaged once the outer ring has slid over the joint. To open the coupling, pull the outer ring back (3).

Begin connecting the motor and bottom bar (4), continue fitting the wheels.

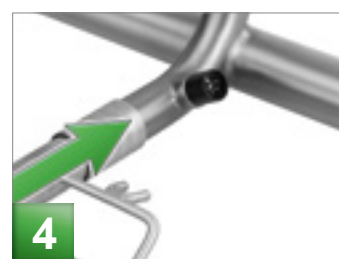
To make sure that you have connected the frame correctly, cross-check it against the images. The battery connection has to be located to the left of the bottom bar (seen from the direction of travel) to make sure that the drives can be supplied with power.



Connecting the firm-fix connection



Opening the firm-fix connection



Motor and bottom bar

Attaching the wheels:

The drive wheels can be attached and removed with a quick release fastener by pushing the sliding sleeve at the wheel hub (see arrow). Make sure the drive wheels are locked to the drive pins appropriately.

Always make sure that no dirt gets into the hub. The hubs must not be oiled or greased.

The front wheel can be fitted and removed by pulling back the knurled sleeve (see arrow). When attaching the wheels, slightly turning the sleeve can make it easier for the wheels to engage.



Removing and attaching the drive wheels



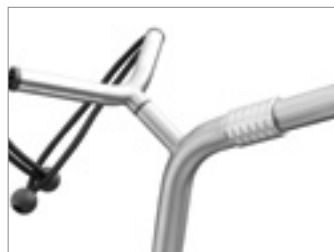
Removing and attaching the front wheel

Frame connections (firm-fix connection):

Next, connect the centre bar to the motor bar.

Bag holder:

Both bag holders are attached to the trolley with expansion bolts. The expansion bolts must not be turned in too far (see images), because there has to be a gap between the expansion bolts and the start of the threads. To fit the bag holder, insert it into the frame and then align and fix it into place by twisting the bag holder.



Bag holder



Expansion bolt in the correct position



Expansion bolt turned in too far

Connecting/removing the battery:

Insert the battery into the provided battery holder and fasten it with the strap. Connect the battery before placing the golf bag onto the trolley. Do not let the battery connector drop onto the ground. To remove the battery, press down the catch and pull the connector out horizontally (**do not pull on the cable**).



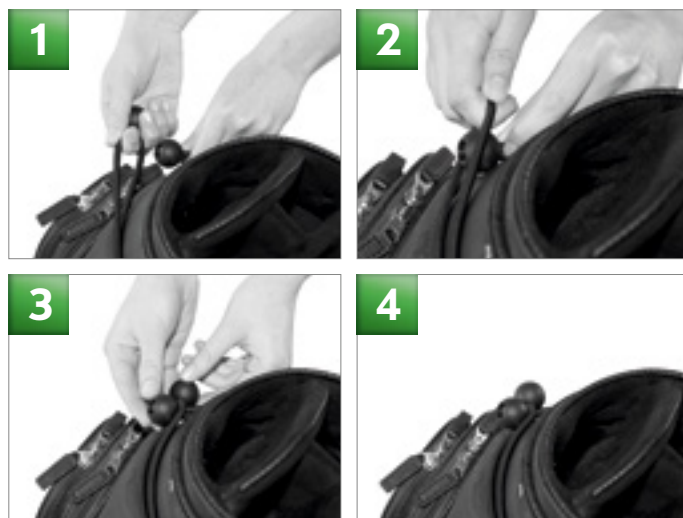
- 1 Battery inside plastic housing
- 2 Cable
- 3 Connector, 4-pin, with catch

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Attaching the golf bag:

To fasten the golf bag, insert one of the round fasteners into the strap of the opposite fastening strap. When doing so, make sure not to flick the fasteners, as this may cause injury. To undo the fastening straps, hold on to the bottom strap and then pull out the top fastening strap with your other hand.



Frame connections (firm-fix connection):

Next, connect the drawbar to the centre bar.

We recommend fitting the drawbar only once the golf bag has been attached to prevent the trolley from tipping over.

USING YOUR TROLLEY

Always handle your TiCad trolley slowly and carefully when moving over rough ground that contains stones or pot-holes. Avoid kerb edges. Never tow your TiCad trolley with a buggy!

The TiCad Goldfinger is available with either dual button control or twist-grip control.

Dual button control:

Start/Stop

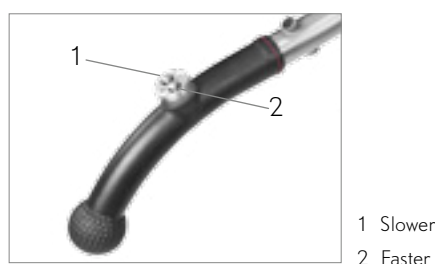
To start and stop the trolley, press both buttons (1+2) at the same time. When the trolley has stopped, the control unit will save the last speed setting you selected. When the trolley is started next, it will then start driving at this speed.

Speed control

Pressing the right button (2) increases the speed and pressing the left button (1) reduces the speed.

Releasing and applying the electromagnetic parking brake

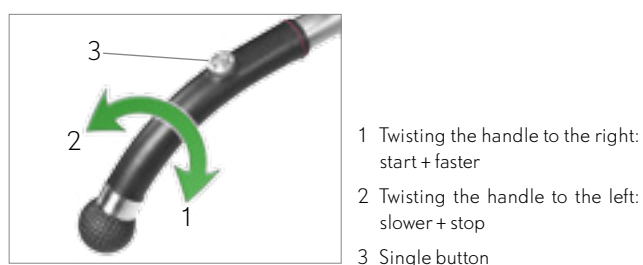
The parking brake can be released by pressing the "Slower" button (1). To activate press the "Faster" button (2).



Twist-grip control:

Start/Stop and speed control

Twisting the handle to the right starts the trolley and increases its speed. Twisting the handle to the left decreases the trolley's speed, and continuing to twist the handle right up to the mechanical limit stop (to zero) will bring the trolley to a stop and activate the brake.



Memory function

If you do not want to use the handle to bring the trolley to a stop, you can also use the single button (3). Pressing the single button (3) again will make the trolley start up again at the speed that was used last.

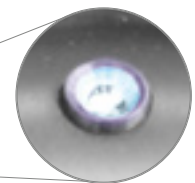
Releasing and applying the electromagnetic parking brake

If you have stopped your trolley by pressing the single button (3), you can release the brake by twisting the handle right back to zero. The brake can be reactivated by pressing the single button (3) again. To start the trolley up again, twist the handle to the right.

If you have stopped your trolley by twisting the handle until it reached zero, you can release the brake by pressing the single button (3). The brake can be reactivated by pressing the single button (3) again. To start the trolley up again, twist the handle to the right.

Timer function (base setting):

If your trolley is fitted with dual button control, press both buttons; if it is fitted with a twist-grip control, press the single button while the trolley is parked. Press both buttons/the single button until the LED lights up. Your trolley will now drive about 10 metres and then come to a stop. Press both buttons/the single button until the LED starts flashing. Your trolley will now drive about 20 metres and then come to a stop. You can stop the timer function at any time by pressing both buttons/the single button. The relevant timer setting will be confirmed by the LED.



10 metres - LED lights up
20 metres - LED flashes

Changing the timer function (only for trolleys with dual button control):

To change the timer's manufacture settings, proceed as follows:
Disconnect the battery connector from the trolley and wait 30 seconds.

Depending on the required timer function, press the following button(s):

- » from a standing position – **both buttons**
- » from a standing position and while driving
 - **"Faster" button**
- » without timer function (e.g. if using the remote control)
 - **"Slower" button**

Connect the battery connector to the trolley while the button(s) is/are being pressed down. The LED will now show the previous timer setting after approx. 3 seconds. After another 30 seconds, the LED will start indicating the new timer function.

- » from a standing position – **LED lights up continuously**
- » from a standing position and while driving
 - **LED flashes fast**
- » without timer function (e.g. if using the remote control)
 - **LED flashes slowly**

You can now release the button(s) and the new timer function will be applied.

Operating the timer while driving the trolley:

To activate the 10-metre timer function while driving the trolley, press the "Slower" button twice (double-click), after which the LED will light up.

To activate the 20-metre timer function, press the "Faster" button twice, after which the LED will flash.

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Motor brake:

When moving downhill, you can use the trolley's drives as a motor brake: To do so, set the speed to whichever low setting will make your TiCad generate the right level of resistance for you.

Electromagnetic parking brake:

The electromagnetic parking brake is applied to the right wheel and will automatically keep the trolley in place at every stop. Please note that the parking brake needs a small amount of current in order to work.

Free-wheel function:

The drive wheels have a free-wheel function that we recommend using when the battery is empty or if you chose to push or pull your golf trolley by yourself over longer distances. To do so, push back the sliding sleeves on the wheels and arrest them about 5 mm from the drive pin.



Drive wheel arrested
in free-wheel function

Shaft guard:

Your TiCad trolley is supplied with a shaft guard for protecting the drive shafts during transport. Please always use this guard and do not allow the trolley to drop onto the shafts.



Shaft guard

Umbrella adapter:

The umbrella adapter is located at the top end of the drawbar. Screw the umbrella holder into the tapered adapter. It can only be used in the standard position on the drawbar.



Umbrella adapter
with TiCad umbrella holder

Care:

The frame of your TiCad trolley is made of a high-quality, rust-proof material and has been sealed to keep out rain. The frame can be cleaned with a conventional household cleaning product – but **not** with abrasive cleaners. The titanium's shine can be restored with a special cleaning oil available from TiCad. The hubs of the wheels and the couplings **must not** be oiled or greased.

Never clean your trolley with a high-pressure cleaner. Should your trolley ever become briefly flooded with water, please send it to us immediately!

ELECTRONICS

General:

As soon as the battery has been connected to the trolley, some of the electronic components will be supplied with a small amount of electricity. This means that the battery will also discharge electricity while the trolley is standing still. The control unit contains a number of fuses to protect the drives from being overloaded and to protect the battery. These fuses are tripped: if the wheels are blocked, if the trolley moves up excessively steep inclines, at slow speed coupled with excessive resistance or if the battery is empty. In this case, the golf trolley will come to a stop and the LED will flash fast. To start the trolley again, press the start button(s). If the trolley comes to a stop after a sudden impact with an obstacle (e.g. pot-hole or kerb stone), disconnect the battery connector and re-

Battery:

Your TiCad trolley is fitted with a rechargeable lithium-ion battery. Please fully charge the battery before using the trolley for the first time.

ATTENTION! Lithium-ion batteries are considered hazardous goods. The lithium-ion battery supplied with the trolley contains a protective circuit that protects the battery from incorrect use (e.g. short circuiting, overloading, overcharging, totally discharging). However, the instructions on the battery's use and care still have to be strictly followed, and the battery treated with care, as non-observance and improper use can increase the risk of fire and explosion. Never expose the battery to mechanical stress or manually manipulate it. Always make sure to carefully wrap and store the battery! The battery must only be charged with the supplied TiCad charger.

It takes approx. 8 hours to fully charge and be ready for operation again. Please make sure to connect the battery to the charger first before connecting the charger to an external power supply to charge the battery. Please keep monitoring the battery and charger while charging. During winter, the battery should be stored with a charge of approx. 50% without the charger connection, in a cool and dry room. If not used for a long peri-

Charger:

Only ever charge the battery with the supplied TiCad charger. The charger has been configured to carefully charge the battery. It is perfectly normal for the charger to heat up during the charging process. However, because of this, the charger and battery must not be covered with anything during the charging process. The charger must only be used in a dry environment and is not suitable for outdoor use. Regularly check both of the devices during the charging process.

Avoid using the charger in temperatures above 35°C and below 5°C!

The charger's status is shown by the LED:

LED GREEN lit up = Battery is fully charged

LED GREEN flashing = Battery is charging

LED RED = Error



- 1 Battery inside plastic housing
- 2 Cable
- 3 4-pin connector

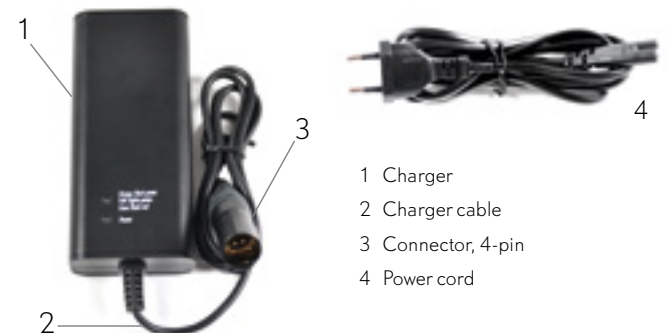
connect it after 5 seconds. If the battery has sufficient charge, you can then start the trolley again.

A standard battery generally holds sufficient charge for an average of 27 holes and an additional trolley weight of approx. 16 kg.

od of time, the battery should be re-charged at the latest after 3 – 6 months of storage. The ideal storage temperature is 20°C. Avoid using the battery in high temperatures (> 40°C), as this could cause irreversible damage. Do not expose the battery e.g. to the full force of the sun or leave it in your car or closed rooms at risk of extreme build-ups of heat. Protect the battery housing and cable from mechanical damage (e.g. impacts, falls, carrying the battery by the cable). The battery housing is impermeable to spray water and must not be opened. The battery and trolley must not be cleaned with a high-pressure cleaner or similar. If the battery has been submerged in water or been damaged in a drop, please send it to TiCad GmbH & Co. KG in compliance with our guidelines for safe battery transport.

Do not attempt to open or repair the battery yourself. The battery must only be opened and repaired by trained, specialist personnel. Doing so yourself will void the warranty and may make the battery unsafe.

If your TiCad battery has reached the end of its useful life, please dispose of it through a certified disposal company. Never dispose of lithium-ion batteries as domestic waste. We are happy to help our customers with battery disposal as part of our customer service.



- 1 Charger
- 2 Charger cable
- 3 Connector, 4-pin
- 4 Power cord

The charger can also be used to check the battery's charge: **If the LED stays green when connecting the battery, it is fully charged.**

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WARRANTY

Your TiCad trolley has been designed and built with great care. Please get in touch with your specialist dealer if you notice anything unusual. The provision of spare parts or repairs performed under warranty do not extend the warranty period. The warranty does not apply to damage caused by carelessness or rough handling, overloading the trolley, inappropriate operation, external force, submersion in water and unauthorised persons' actions. The warranty only applies if the enclosed operating instructions have been observed and the trolley is being appropriately used and cared for, and used with the battery pack and charger supplied by TiCad. Technical changes and new developments do not entitle warranty holders to upgrades.

The warranty period for the titanium frame and the wheels is 5 years, and for the electronic components 2 years from the date of purchase. The warranty does not cover any damage to the wheel coating and wear parts such as tyres, leather handle, fastening straps.

Loss of battery performance does not constitute a manufacturing fault. Batteries are wear parts and are therefore subject to ageing. Ageing is furthermore affected by factors such as operating and storage temperature and level of charge during storage. Amongst others, one of the signs of battery ageing is an irreversible loss of capacity.

PUBLISHER

TiCad GmbH & Co. KG, Heegwaldstr. 3–5, D-63674 Altenstadt
www.ticad.de

The above information, wording and images have been largely standardised and are primarily intended to describe the trolley's basic functions. For this reason, the product supplied to you may slightly differ from the above descriptions, in particular if your trolley is a new version. This "Read Me First" manual must not be copied or used otherwise in whole or part without TiCad GmbH & Co. KG's consent.

Please carefully retain your Read Me First manual and the original packaging.

Please read our General Terms and Conditions of Business at www.ticad.de.

Concept & graphic implementation:

Bild, Satz und Sieg – Eugen-Kaiser-Straße 18, 63450 Hanau
www.bild-satz-und-sieg.de

SERVICE

If you experience any problems with your TiCad trolley, please first contact your specialist dealer or get in touch with us at our office in Altenstadt, Germany.

We will then arrange for your TiCad trolley to be collected and returned to us and help you with the packaging material. If you want us to perform an inspection or repair, we also offer to assist you directly without contacting your specialist dealer.

For trolleys located outside Germany, please always contact your specialist dealer first or contact us directly.

Postal address: TiCad GmbH & Co. KG
Heegwaldstr. 3–5
D-63674 Altenstadt-Waldsiedlung
Germany
Phone: +49 (0)6047 / 987 90-14
Fax: +49 (0)6047 / 987 90-39
E-Mail: service@ticad.de

Technical data and dimensions

Model	TiCad Goldfinger
Weight of frame + wheels	6.2 kg
Battery weight	1.2 kg
Nominal battery voltage	25.2 V
Battery capacity	197 Wh
Motor capacity	2x90 W
Pack size	67 x 32 x 16 cm



This device has been labelled in accordance with EU Directive 2012/19/EC on Waste Electrical and Electronic Equipment (WEEE).

This directive provides the framework for the recovery, reuse and recycling of electrical and electronic products across Europe. **WEEE-Reg.-Nr.: DE 11192197**