

i-motioncaddys™ 

i-m4™



'Dedication to Excellence'



The feedback from the Members since we purchased the buggies has been extremely positive. It has extended the golfing life of a number of our less mobile Members which in turn has enabled them to continue enjoying golf with their friends.

Our Head Greenkeeper is very happy with the buggies as the damage caused to the playing surfaces is negligible and is no more significant than damage caused by a pull trolley.

Finally, our Head Professional is pleased with the arrangements as the buggies are considerably easier to store and maintain than the two-seated models.



**ROYAL LYTHAM &
ST. ANNES GOLF CLUB**



“Dedication to Excellence”



Golf is a rewarding and a challenging sport that can be played by people of all ages and all abilities. However whilst those in their youth may find going round an 18 hole course a “walk in the park” the same cant always be said for the players over the age of 50, many of whom suffer from back problems, arthritis and other illnesses resulting in them experiencing pain when bending and walking. Now, thanks to i-motioncaddys unique i-m4 Electric single seater golf buggy you can enjoy a relaxing game of golf... with out the pain.

Our company’s ethos to be “dedicated to excellence” has enabled us to build-up an impressive reputation for providing quality, reliable products, the latest of which being the i-m4 Roadster Electric single seater off road mobility buggy.

All our products are designed in the UK, and it will come as no surprise to learn that the i-m4 Electric single seater golf buggy is enjoying sales all over the world, under the i-motioncaddys global patent.

We are a UK and global manufacturer of quality golf buggies and has been formed by a very successful group of companies.

We pride ourselves in our quality and our manufacturing is carried out strictly in accordance with ISO9001.

At i-motioncaddys our expertise, attention to detail and innovation is of great importance in our quest for perfection within the field of golf and utility vehicles.

With our staffs dedication to excellence our goal is to build upon our existing success and make i-motioncaddys a highly respected global brand name.



Roy Moore

Owner

A white handwritten signature of Roy Moore, written in a cursive style, with a large loop at the end.

i-m4 Golf Buggy

“ I've had four golf buggies over the years, 3 wheelers, 4 wheelers and power caddies. But nothing touches the i-motion i-m4 buggy, solid sturdy machine, easy to handle, easy to maintain and clean. I've tried them all. The i-motion i-m4 is the best yet. ”





Technical Specifications

Body & Chassis

- Steel frame construction
- Strong fibreglass body
- Rust protected powder coated steel work
- Easy battery access
- Range of colours available

Power

- Motor 36V 1200 watt permanent magnetism
- Sealed Lead Acid Gel batteries 12V 50 or 80 AH (Lithium Batteries available at additional cost)
- Automatic pulse charger input AC110V/240V Optional Output DC36V/5A/8A
- Throttle mounted speed switch High (19Km/h) Low (6.4Km/h)
- Recharge time 6-8 hours
- Maximum travel distance 50Km
- CURTIS controller 1227-3402 DC36V/160A
- CURTIS connector
- Hall accelerator continuous variable speed system

Dimensions

Length 49.5" (125.7cm) **Width** 32.5" (82.6cm)

Height 42" (106.7cm)

Height folded 31" (78.7cm)

With quick seat release seat system

25" (635cm), 27" (685cm) or 29" (736cm)

Minimal ground clearance 4.5" (11cm)

Performance

- One person seating capacity
- Carrying capacity 200kg
- Weight 178kg with batteries, 100kg without batteries
- Maximum speed 15-19km/h (or can be programmed to suit application)
- Slope climbing capacity 30 degrees
- Turning radius adjustable up to < 3m
- Forward & reverse console mounted

Other Features

- Helix spring shock absorbers
- Tyres: 32.5cm x 15cm 4 ply tyres
- Japanese wheel bearings
- Electromagnetic braking system
- Full range of optional accessories available
- 12v USB charging port (optional)

The i-m4 has foldable handlebars to enable easy loading into the boot of a car and a quick release removable seat option if required.



i-m4 Roadster



“ I am fortunate enough to live close to my golf course, so I drive my buggy there, play my game and drive back. I have to say it is one of the best investments I have made, the i-m4 has not only extended my golf live, [as I suffer with my knees] but it has made golfing a more enjoyable sport for me. The i-m4 is everything a golf buggy should be? It drives exceptionally well with a choice of two speeds, its balance is second to none [no stabilizers needed here] and with its front chassis suspension aligned to its rear seat suspension it allows me to ride over the course without the discomfort of feeling every bump on the course. Fantastic!!!

I would recommend the i-m4 single seat golf buggy to anyone who has issues with walking the course, but also if you want to “feel” and “look” the part! Then I have to say the i-m4 is for any golfer. ”

Brian Raybone

Technical Specifications

Body & Chassis

- Front and rear headlights
- Front and rear indicator lights
- Steel frame construction
- Strong fibreglass body
- Rust protected powder coated steel work
- Easy battery access
- Range of colours available

Power

- Motor 36V 1200 watt permanent magnetism
- Sealed Lead Acid Gel batteries 12V 50 or 80 AH (Lithium Batteries available at additional cost)
- Automatic pulse charger Input AC110V/240V
- Optional Output DC36V/5A/8A
- Throttle mounted speed switch High (19Km/h) Low (6.4Km/h)
- Recharge time 6-8 hours
- Maximum travel distance 50km
- Curtis Controller 1227-3402 DC36V/160A
- Curtis Connector - Throttle controlled
- Hall accelerator continuous variable speed system

“ Well I have just clocked up over 140 miles on my new “i-m4 single seat golf buggy”, as you know I bought my i-m4 golf because I had an issue with my knee and it has changed my golfing life. ”

Performance

- One person seating capacity
- Carrying capacity 200kg
- Weight 178kg with batteries, 100kg without batteries
- Maximum speed 12km/h
- Slope climbing capacity 30 degrees
- Turning radius adjustable up to < 3m
- Forward & reverse console mounted

Dimensions

Length 49.5" (127.7cm)

Width 32.5" (82.6cm)

Height 42" (106.7cm)

Height folded 31" (78.7cm)

With quick seat release seat system

25" (635cm), 27" (685cm) or 29" (736cm)

Minimal ground clearance 4.5" (11cm)

Other Features

- Helix spring shock absorbers
- Tyres: 32.5cm x 15cm 4 ply tyres
- Japanese wheel bearings
- Electromagnetic braking system
- Full range of optional accessories available

“ My purchasing experience with you was first class and your after sales contact was totally unexpected but great to hear from you in person. ”



Golf Bag Holder



Golf Bag Holder Assembly (Pre 2017 models)

Picture 1



Picture 1
Locate pivot arm into slot provided on fixing angle. Attach to i-m4 and semi-fasten bakelite knob provided.

Picture 2



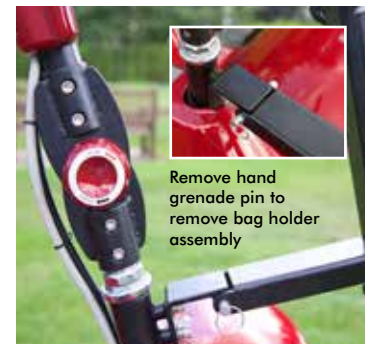
Picture 2
locate bottom pivot arm into fixing hole provided and semi-tighten bakelite knob provided.

Picture 3



Picture 3
Tighten both top and bottom bakelite knobs for firm fix. Reverse process to remove.

Golf Bag Holder Assembly (Post 2017 models)



Score Card Holder Assembly

Picture 1



Mount score card holder bracket into sleeve on back of golf bag holder.

Picture 2



Fix using bakelite knob.

Picture 3



Press on score card holder to supprting bracket.

Picture 4



Fix using bakelite knob.

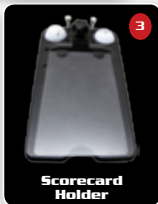
i-motioncaddys™



Quick Release Seat Kit 1



Golf Bag Strap 2



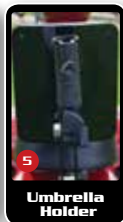
Scorecard Holder 3



Foot Mats 4



Sand Buckets 5



Umbrella Holder 6



Weather Cover 7



5 or 8 Amp Battery Charger 8



36 Volt Lithium Battery 9



50Ah or 80Ah Gel Battery 10



Wooden Ramps 11



Rear Basket 12



Fold Up Aluminium Ramps 13



Mudflap Kit 14



Fender Foot Mats 15

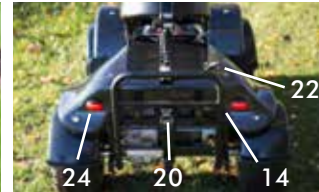
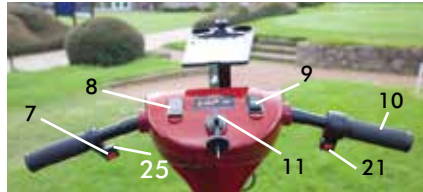


Rear Basket Weather Cover 16

I-m4 Description



- 1) Control console
- 2) Golf bag holder
- 3) Handlebar release dial
- 4) Body
- 5) Front suspension
- 6) Front bumper
- 7) Horn button
- 8) Battery power indicator
- 9) (Forward/Reverse) Direction switch
- 10) Accelerator throttle
- 11) Ignition
- 12) Seat suspension spring
- 13) Rear carry bracket
- 14) Electromagnetic brake handle (Free wheel lever)
- 15) Rear tyre 18 p.s.i
- 16) Padded seat including backrest



- 17) Seat assembly
- 18) Footplate & mats
- 19) Front tyre 18 p.s.i
- 20) Body release clasp
- 21) High/low speed switch on throttle
- 22) Slide over battery charger point cover
- 23) Roadster front bumper light cluster*
- 24) Rear lights and indicators*
- 25) Light switch*
- 26) Umbrella Holder

*Additions to Roadster model only.

I-m4 Operation



- Please remove the charger from the buggy before turning the ignition key on.
- Turn ignition key on.
- Ensure charge indicator is sufficient.
- Press **FWD** to move forward.
- Press **REV** to move in reverse.
- Turn throttle anti-clockwise to increase speed.
- Release throttle to slow down or stop.
- When the throttle is released the back wheel is locked automatically for parking on inclines or declines.

Motor brake handle

- The electro-magnetic brake lever (free wheel lever) can be found under the body attached to the motor.
- Make sure the electro-magnetic brake lever is in the vertical position to engage the motor.
- Dis-engage the electro-magnetic brake lever to free wheel the vehicle.

Battery discharging Point

- The battery charger socket is located under the seat.
- Ensure the cover is replaced after charging.

Power display

- Running time will change according to ground conditions and terrain.
- **FULL CHARGE:** LED light/bar is at the top
- **MINIMAL CHARGE:** LED light/bar is at the bottom

Seat

- The seat height can be adjusted to 3 positions using the bolts at the top end of the suspension spring.
- Seat can have a quick-release system fitted to allow easier seat removal. (see page 13)

Golf bag holder

- The golf bag holder is attached and detached using the lower and upper bakelite knobs at the front of the buggy or hand grenade pin and bottom bracket. (see page 13)

Rear fold down carrier

- To open: Release the bakelite bolt, fold down the rear bracket and tighten the bakelite bolt.
- To close: Release the bakelite bolt, push up the rear bracket and re-tighten the bakelite bolt.

To lift body

- Release the hasp and staple lever and lift the body from back fender. (see page 13)

Inspection & maintenance



Parts

Inspection

Golf buggy

After use clean any mud or debris from under the body either with a hand brush or a light air hose. Only use a mild detergent with warm water for the exterior. DO NOT use a high-pressure jet wash.

Steering system

Ensure all parts are functioning properly.

Accelerator throttle handle

Ensure the buggy moves when the throttle is turned anti-clockwise and it stops when the throttle is released.

Battery power indicator

Ensure the power has enough charge remaining before use.

Seat

Ensure the seat is fixed properly.

Tyres

Ensure the tyres are in good condition and that they are at the recommended air pressure at all times (18 p.s.i).

Wheels

Check all nuts and bolts and ensure the wheel nuts are tight and secure.

Batteries

Recharge batteries after every use and check the battery indicator is full before use.

Battery charger

DO NOT leave the batteries on charge for long periods of time.
DO NOT leave the batteries standing without use for long periods of time.
DO NOT allow the battery charger to get wet.

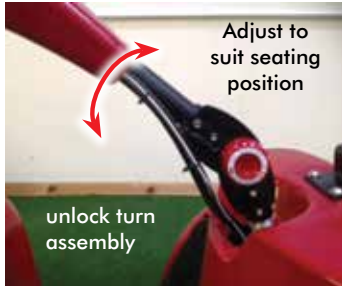
ONCE OVER SERVICE

Our service team now offer all i-m4 customers a "Back to Base" or "On-Site" 'once-over' service. For more details or a quotation call 0121 359 3139 or email roy@i-motioncaddys.com

Quick Release Guide



Dial System (Post 2017 models)



Body Release



Lever System (Pre 2017 models)

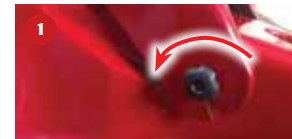


Unlock lever assembly

Lever handle bar release

- 1 Flick lever on handle over to release tension on fixing bolt.
- 2 Pull down lever handle from top fixing bracket. Slide lever to the left, releasing the holding bolt from the top bracket therefore releasing the handlebars to fold down.

Seat Release



- 1 Unscrew bakelite knobs either side until released from plastic assembly.
- 2 Pull out hand-grenade pin from the seat spring and carefully lift off seat assembly.

Troubleshooting / General Care



The buggy won't start

- Check the F/R Switch is not in the neutral position
- Check the key is in the on position
- Check the battery power indicator
- Check the batteries are connected properly
- Ensure the buggy is **NOT** in free wheel mode
- Contact your supplier

Other

Single seater golf and utility vehicle

The i-m4 golf buggy is like any other electrical or mechanical device. Cleaning, care and inspection is a "must" which will result in longer life and extended reliability!

General care and inspection

After every use clean any mud or debris from under the body either with a hand brush or a light air hose.

Use a mild detergent and warm water for the exterior.

DO NOT use a high-pressure wash.

Check all bolt and nut connections are tight before use, especially the wheel nuts.

Check tyre pressure and maintain the recommended pressure at all times.

Recharge batteries after every use and check the battery indicator is full before use.

DO NOT allow the battery charger to get wet.

Let the i-m4 add to your golfing experience.

Safety Advice



Please read the following instructions carefully before using the i-m4 golf buggy.

- **DO NOT** use the throttle handle as a support when mounting the buggy.
- Turn off ignition when not in use.
- Leave buggy in neutral mode when not in use.
- The i-m4 golf buggy is designed to carry one person.
- The Golf buggy is **NOT** road legal. (See i-m4 roadster)
- Please use the throttle to decrease the speed when turning the buggy.
- Please use the throttle to increase the speed when climbing a hill.
- When driving the buggy take care in crowded areas, wet or slippery surfaces and tight gaps.
- Do not allow others to use the i-m4 buggy without your permission.
- Please do not stand up on the i-m4 buggy when in motion as you may lose your balance.
- Please do not lean side from side to side on the im4.
- Do not drive the i-m4 down hills backwards.
- Try to avoid pot holes or uneven paths.
- Keep the i-m4 buggy in a dry area or under cover when not in use.
- Do not use a mobile phone when driving the buggy.
- Do not get off the buggy until it has come to a complete stand still.
- The direction switch should not be changed when the buggy is moving.
- The Speed switch should not be changed when the buggy is moving.



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