



COASTERTM
QUAD BRAKE

User Manual

VERSION 1.1

Contents

1.0	Registration	04
2.0	What's Included	04
3.0	Assembling Your buggy	05
3.1	Attaching the Front Wheels	05
3.2	Attaching the Rear Wheels	05
3.3	Rear Wheel Positions	06
3.4	Unfolding	07
3.5	Folding	08
3.6	Positioning the Seat	08
3.7	Positioning the Sand Bucket Loop	09
3.8	Attaching the Umbrella Holder	10
4.0	Battery Care	10
4.1	Charging Your Battery	10
4.2	Tips and Looking After Your Battery	11
4.3	Plugging in the Battery	11
5.0	Battery Fuse	12
6.0	Front Wheels	12
6.1	Unlocking, Locking and Removing the Front Wheels	13
6.2	Adjusting and Aligning the Front Wheels	13
6.3	Front Wheel Maintenance	14
7.0	Fitting Your Golf Bag	14
8.0	Operating the Top Box	15
8.1	On/Off Speed Control Button	15
8.2	Battery Level Indicator	15
8.3	Electronic Park Brake	16
8.4	Downhill Speed Control	16
8.5	Units Measurements	16
8.6	Distance Modes	16
8.7	Controlled Distance Function (CDF)	17
8.8	Competition Mode	18
9.0	Integrated GPS Holder and Compartment	18
10.0	Integrated Solar charging	19
11.0	Warranty	19
11.1	Warranty Policy	19
11.2	Warranty Exclusions	19
11.3	Parts Installed During Warranty	20
12.0	Preventative Maintenance Program	20
12.1	Cleaning Your MGI Quad Buggy	20
12.2	Rear Wheel Axles Maintenance	21
12.3	Upper and Lower Bag Strap Maintenance	21
12.4	Correcting the Alignment	21
12.5	MGI Service Schedule	21
12.6	Service Recording	23
13.0	Service and Repair Centres	24
14.0	Purchasing Parts and Accessories	24
15.0	Contact MGI	24
16.0	Frequently Asked Questions	25

Thank you for purchasing the MGI Quad series motorised buggy. To get the most out of your buggy please follow these quick steps before use.

- Register your buggy online (section 1.0)
- Charge your battery (section 4.0)
- Assemble your buggy (section 3.0)

For Customer Support, please contact MGI directly for immediate and professional advice.

Email: support@mgigolf.com

LIVE chat: visit www.mgigolf.com

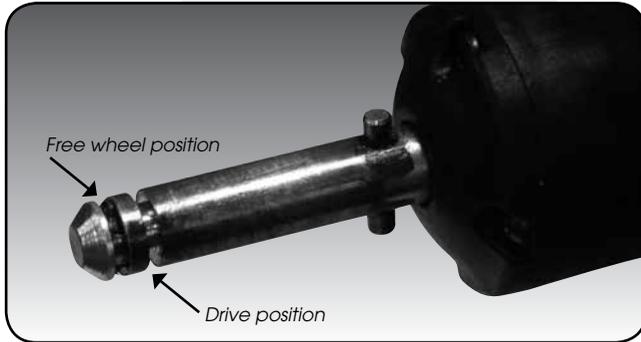
Toll Free within Australia: 1300 644 523 (excludes mobiles)
 Western Australia / International Phone: +61 3 8872 6700

Local Service Centres: visit www.mgigolf.com to locate your local service centre.

***NOTE:** This user manual was correct at time of printing. The online version is the most up-to-date and must be referred to as the correct version. To download the most current user manual please visit www.mgigolf.com*

3.3 Rear Wheels Positions

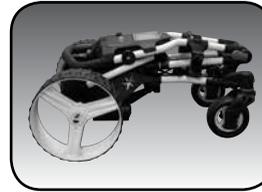
The MGI Quad buggy is designed to allow the rear wheels to be in two positions. The position is determined by where the wheel is locked on the axle in either of the two grooves (see picture). The drive position is used during the normal operation of the buggy. The free wheel position is used to freely push the buggy should you experience battery or service issues on the course.



i. Drive position – Lock the wheel onto the groove closest to the battery tray. To do this, while sliding the release button on the wheel across, push the wheel on to the axle as far as possible. To test for drive position trying rolling the wheel forward. If you feel resistance then the wheel is now in drive position and ready to use. Repeat for both wheels.

ii. Free wheel – Lock the wheel into the groove furthest from the battery tray. To do this, while sliding the release button across on the wheel, push the wheel on to the axle and release the release button onto the groove. To test for free wheel position try rolling the wheel forward. The wheel should spin freely with no resistance. Repeat for both wheels.

3.4 Unfolding



Step 1: Ensure both rear and front wheels are attached.



Step 2: Release fold lever 1.



Step 3: Slide fold lever 2 upwards to release the handle.

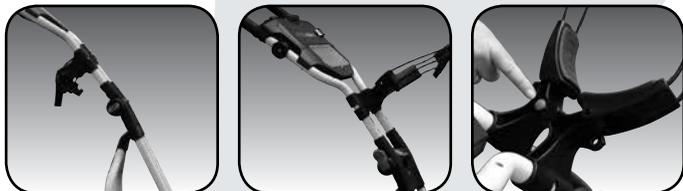
Step 4: The handle is now free to pull upwards. The buggy will naturally unfold as you continue to pull upwards until the buggy is completely open.



Step 5: Close the fold lever 2 to lock the handle into place.



Step 6: Bring the top bag support brackets together, then lock together using the button.



3.5 Folding

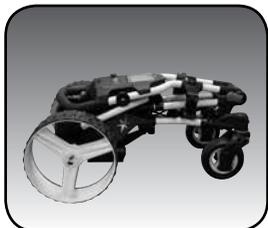


Step 1: Open the fold lever 2 to release the handle.



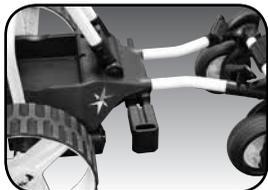
Step 2: Press the button shown while applying pressure down to close.

Step 3: Lower buggy down flat and close fold lever 2 to lock handle.

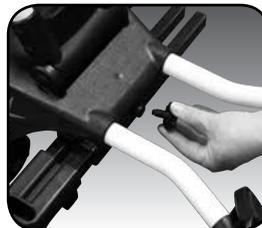


3.6 Positioning the Seat

Step 1: Using the bracket provided, feed it through as shown in the picture.



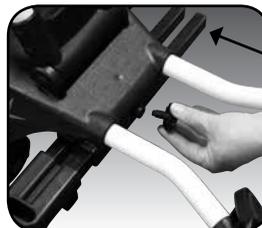
Step 2: Secure the bracket by adding the screw in the position shown.



Step 3: You can now insert the seat into the bracket.

IMPORTANT: Depress the seat with your hand before sitting. Do not use the seat on uneven surfaces. MGI does not warranty any seat support brackets that are damaged or bent.

3.7 Positioning the Sand Bucket Loop



Add the Sand Bucket Loop here.

The Sand bucket loop can be added to other end of the seat bracket.

Your buggy will look like this once the seat and sand bucket loop are added. For personal choice, these accessories can be placed on either side of the buggy.



3.8 Attaching the Umbrella Holder

The umbrella holder is attached to the frame using the largest bolt. Screw this into the frame as shown in the picture.



Your umbrella holder can be adjusted both to the side, backwards and forwards. The umbrella is secured inside the umbrella holder by tightening the plastic bolt located near the top of the holder.

IMPORTANT: Do not leave your Umbrella up in the holder in windy conditions. If the wind catches the umbrella, it could cause your buggy to tip over and cause damage, which will not be covered by warranty.

4.0 Battery Care

4.1 Before using your MGI Quad buggy for the first time you must fully charge your battery overnight.

The Coaster Quad Brake is designed to take a range of batteries:

- 28 amp/hr SLA (sealed lead acid) battery
- MGI's Lithium Ion 12 volt batteries.

To charge your battery:

- Unplug the battery from your buggy (after play).
- Plug the charger into a power point,
- Plug the charger into the battery.

There are lights on the charger to help you understand the charging process.

INDICATOR

- POWER ON / CHARGED
- CHARGING
- AUTO POWER OFF (GREEN LED FLASHING)
- FAULT (RED LED FLASHING)

- The Green LED illuminates to indicate the charger is power on.
- The Red LED indicates the battery is charging.
- The LED will turn Green when the battery is fully charged.
- The LED will flash Green when the battery is on float charge.
- The Red LED will flash is there is a fault with the charger.
- The 12v SLA charger will power off automatically after being on float charge for three hours. The 12v lithium ion charger will power off automatically after being on float charge for 18 hours.

4.2 Tips and Important Information About Charging Your Battery

- Always recharge the battery as soon as possible after use, no matter how short the period of use. Leaving your battery uncharged will only reduce the life of the battery.
- Your battery will charge best, lying flat, in a warm and air flowing location.
- In winter, it is best charged off any concrete floor and preferably in a warm location within the house.
- The charger is a smart digital charger and will not over charge your battery. Therefore in between use, always leave the charger connected to the battery with power on.

Looking after your battery during play and travel

- During play, minimise the drain on the battery by avoiding taking your buggy into the rough whenever possible.
- Avoid using the buggy to pull you up the hills
- If you are intending to take your buggy and battery on a flight, we advise that you make contact with your airline prior to travel.
- Be very careful not to drop your battery. The battery casing is easily cracked and the battery's subsequent life will be severely compromised.
- Do not carry the battery by the leads, but use the carry bag strap or built in strap.
- Do not submerge the battery in water.

Please refer to the Battery Charger User Manual for a complete list of important information.

4.3 Plugging Your Battery into the Buggy



Step 1: Place the battery into the universal battery tray.



Step 2: Plug the battery into the buggy as shown.

Your buggy has been equipped with fail safe battery connection, so the buggy will not move when you plug the battery in. Your buggy will only start once the speed control is switched on.

5.0 Battery Lead Fuse

Your battery has a 40amp fuse connected to the battery lead. The 40 amp fuse helps protect the buggy's control board against a power surge. An extra fuse is supplied with your buggy. In the unlikelihood of your buggy stopping, the reason could be the fuse has blown. Replacing the fuse is simple.

The fuse is located on the positive lead close to the battery terminal.

To replace the fuse, simply open the case and remove the existing fuse with a pair of pliers. Insert the new fuse ensuring the two feet are guided into their sleeves. Refit the fuse cap.

6.0 Front wheels

6.1 .Unlocking, Locking and Removing the Front Wheels

The front swivel wheel can be set in two positions.



1) Unlocked position to allow for 360deg swivel for optimum turning ability. In the picture shown the two blue components are aligned. This is the position for unlocked.



2) Locked position is best when using the Controlled Distance Function. In the picture the two blue components are now manually moved apart.

The front wheels can be removed by pressing the blue button shown in the picture and pulling the wheel down until it is completely removed from the buggy.

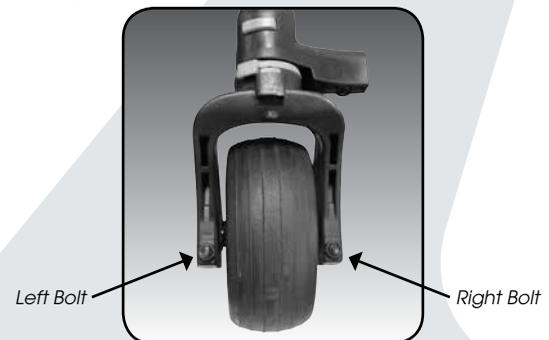


6.2 Adjusting and Aligning the Front Wheels

Each buggy is checked for straight tracking prior to leaving the factory. In the unlikely event the Quad buggy is not tracking straight, the front wheels can be adjusted to regain straight tracking as follows;

1. Lock the two swivelling front wheels and start the buggy to see if the buggy veers left or right. Please note that you can swap the left and right front wheel and check again whether the buggy is tracking straight.
2. Unlock the swivelling front wheels, swivel them to see the two adjusting bolts in the front wheel, as below Picture 2.
3. If the buggy veers left, use the 4mm Allen Key provided in the Quad free spare parts to screw the right bolts (in both front wheels) clockwise and/or the left bolts (as shown in below picture 2) anti clockwise.
4. If the buggy veers right, use the 4mm Allen Key provided in the Quad free spare parts to screw the right bolts (in both front wheels) anti clockwise and/or the left bolts (as shown in below picture 2) clockwise.

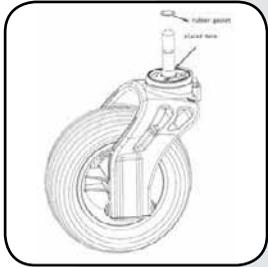
Please note that there is a process in adjusting the track as above point 3 and 4. It is suggested that the users should do a little bit of adjustment, test the tracking and then adjust again until the buggy goes straight. After the buggy tracks straight, do not swap the left and right front wheels.



6.3 Front Wheel Maintenance

During the life of the MGI Quad buggy, you may experience wearing of the front wheel gasket. This may result in a noise coming from the front wheel during use. You can replace this gasket at home using 1 of the 4 gaskets included in the spare parts included with your buggy. Follow these easy steps

- Step 1:** Remove the front wheel following the steps above.
Step 2: Place the rubber gasket over the wheel pin.



7.0 Fitting Your Golf Bag

Securing the top bag strap

- Provide a good position for the positioning of both ends of the elasticised straps
- Stretch the longer end of the strap and secure to the extended shorter end
- The attached strap should now be connected



Adjusting the length of the top strap

- The plastic bar on the longer length can be adjusted to ensure the bag is secured properly in place.

Securing the lower bag strap

- The MGI Quad buggy is designed so the lower bag strap is no longer required. However the lower strap has been included for your own preference. It is easily attached by clipping each end of the strap into the eyelets on the lower bag support.

8.0 Operating the Digital Top Box



1. Control button 1
2. Control button 2
3. Speed Control ON / OFF button
4. Speed indicator
5. Battery level indicator
6. S-SLA battery type / L - Lithium

8.1 On/Off Speed Control Button

To start your buggy:

1. Preset your desired speed by rotating the speed control button clockwise to increase speed, or anticlockwise to decrease the speed. The speed setting chosen is displayed on the colour screen on the left side. Then tap the speed control button to start and stop the buggy, or
2. Simply tap the speed control button to start the buggy, then adjust the speed settings to your desired speed.

8.2 Battery Level Indicator

Battery indication is located on the right side of the top screen. Four coloured bars are highlighted showing full charge. The lesser number of bars displayed, means there is less battery life available. You should always check the battery status before you play golf to ensure the four bars are there.



The battery indicator is set to measure the capacity of your battery. The battery type is displayed with an L (lithium) or and S (SLA) under the battery level indicator. If you need to change the battery type:

1. Disconnect the battery
2. Hold down the button to the Control button 2 (right of the Speed Control)
3. Keep holding the button down, and connect the battery
4. Release the button, then press it again to shift between L for Lithium and S for SLA battery type.
5. Once the battery type is set disconnect the battery.

8.3 Electronic Park Brake

The MGI Coaster Quad has an Electronic Park Brake (EPB) which when activated, stops the buggy from creeping forward on a hilly terrain.

To activate the Electronic Park Brake press and hold the Control button 2 for 3 seconds. The digital screen will display the words STOP on the screen.

To release the Electronic Park Brake simply tap the speed control button and the buggy will resume movement.

Tips on using the Electronic Park Brake

- The EPB will consume battery power when in use
- Only use the EPB on large slopes when the buggy cannot stand still by simply stopping the buggy.
- Do not use the EPB on flat surfaces to conserve battery life.
- The EPB function should not be ON for a long period of time.
- Simply use the on/off control when stopping on flat terrain or during longer breaks on the course.

8.4 Downhill Speed Control

The downhill speed control feature is activated automatically as the buggy enters a downhill incline. This feature is enhanced, when compared to the Hunter Quad, because of the differential gearbox.

Tips on understanding the Downhill Speed Control

- It is best to turn the speed down to a low speed before entering the downhill terrain.
- The buggy may gain some speed downhill but will not increase beyond control.

8.5 Unit Measurements

You can move from kilometres to miles simply by pressing the Control button 2 (on the right)

8.6 Distance Modes

There are three distance measurements. To move between the modes by pressing the Control button 1 (on the left)

1. Distance A and B: resettable distance measurements could be used to measure how far you hit your shot and to measure how far you have walked for the day. To reset, simply press the Control button (left side) 1 for 3 seconds until the reading displays "0".

2. Distance Total: cannot be reset as it is the Odometer for the life of the buggy. This feature will assist with service reminders which are recommended at each 500kms or 6 months periods.



8.7 Controlled Distance Function (CDF)

The CDF enables the MGI Quad buggy to be sent a preset distance before the buggy auto stops. To use this function:

1. It is recommended that you lock the front wheels to ensure the buggy tracks in a straight line.
2. Press and hold down Speed control button for 3-4 seconds until the speed setting changes to 10 (5 yards or metres) and the letter "A" appears
3. Turn the Speed control button clockwise to increase the distance or anti-clockwise to decrease the distance until the desired distance is achieved between 10-60 (metres or yards)
4. Always look ahead and assess the condition of the terrain of where you want to send your buggy prior to doing so
5. Once the desired distance is reached, press the Speed control button once to send the buggy off to the desired distance.



8.8 Competition Mode

In the unlikely event the club you are playing at does not allow the use of distance devices you will need to disable the distances feature on the MGI Quad buggy.

To disable the distance recording feature, simply hold down the two control buttons at the same time for 3 seconds. By doing this the distance recording will be removed from the screen and replaced with the words "Comp Mode".



9.0 Integrated GPS Holder and Compartment

In the top handle compartment is an integrated GPS/mobile device holder. To open the holder the holder always press the Coloured button at the top of the holder. Place the GPS into the cradle, then close the holder by squeezing the two sides closer together.



10.0 Integrated Solar Charging

An optional Solar Charger accessory is available to fit into the top handle of the MGI Quad buggy. Once installed, the MGI Quad is fitted with a charging cable located in the top hand compartment.



On the purchase of a Solar Charger, you will receive adaptors to use this cable to recharge any GPS or mobile device while sitting in the GPS holder.

11.0 Warranty

11.1 Warranty Policy

The MGI Quad buggy is covered by a Limited* manufacturer's warranty from the date of purchase. Duration of this warranty is:

- 2 years on parts*
- 2 years on Lithium batteries and chargers
- 1 year on SLA batteries and chargers

* MGI or an authorised service centre will repair or replace any parts found to be defective in materials or workmanship under normal use provided that:

1. The MGI Quad buggy has been properly used, maintained and regularly serviced (see section 12)
2. The replacement or repair is performed by an authorised MGI service centre or the owner with MGI approval.
3. The buggy has been registered online.

11.2 Warranty Exclusions

The following events will void warranty:

- Any alteration performed by non authorised people or companies.
- Fitting of parts or accessories not recommended by MGI.
- Any damage caused by continued operation of the motorised buggy after it is known to be defective.
- Damage to seat and/or seat support bracket on buggy
- Damage caused by ingress of water into motor/gearbox and other major components
- Damage caused by buggy going into bunkers and other course hazards

All implied warranties (save those preserved by statute) are excluded. Liability for consequential damages under any and all warranties are excluded to the extent exclusion is permitted by law.

11.3 Parts Installed During Warranty

Warranty coverage for components installed during a motorised buggy's warranty period shall consist of the duration of the buggy's warranty period, provided the warranty installation is performed by MGI, an authorised service centre or the buggy owner on approval. Replacement of parts under warranty will not extend the warranty of the buggy or parts.

12.0 Preventative Maintenance Program

To properly provide for the continued operation of your MGI Quad buggy, MGI has introduced its Preventative Maintenance Program (PMP). The PMP consists of work to be carried out by both the owner and authorised service centres. To properly maintain the warranty of your MGI motorised buggy, it is essential that this work is carried out. If the work carried out by the authorised service centre is to replace parts that are part of the maintenance schedule, the owner will be charged for the parts and labour. If the work to be carried out is part of warranty, MGI will bear the cost.

12.1 Cleaning Your MGI Quad Buggy (See Maintenance Schedule)

For years of good operation, your buggy requires care and attention.

- Keep your buggy clean by using a cloth with warm water and a mild detergent.
- Do not hose down your buggy under any circumstance, as your buggy has electronic components.
- Ensure that the seat stem bracket is free from sand.
- Do not submerge your buggy in water as it will cause irreparable damage.

12.2 Rear Wheel Axles Maintenance (See Maintenance Schedule)

The rear wheel stub axles need to be lubricated regularly. Remove the rear wheels by depressing the spring clip and at the same time pull off the wheel. Apply Petroleum Jelly or light grease to the stub axles. Use a very small amount as the grease can attract sand. If you play in sandy conditions you should clean your axle and regrease fortnightly.

12.3 Upper and Lower Bag Strap Maintenance (See Maintenance Schedule)

The bag straps should be replaced as per the Service Schedule. The upper bag strap can be replaced by:

- Removing the left and right hand straps from the upper bag support
- Undo and remove the screws holding the strap in position on the bag support
- Remove and replace both bag straps
- Insert bag strap securing screws

12.4 Correcting the Alignment

See the front wheel alignment in Section 6.2.

12.5 MGI Service Schedule

It is the owner's responsibility to ensure that all periodical checks, necessary adjustments and services are carried out. If in doubt please contact the MGI service centre on 1300 644 523. Any work performed on your buggy should be recorded on your service record (see page 5) regardless of the work.

MGI Hunter and Coaster Quad	Monthly	6 Monthly	Every 2 yrs	Every 3 yrs
Wipe down the buggy with a warm cloth after each use (do not hose)	BO			
Lubricate rear wheel stub axles	BO			
Check and tighten nuts and bolts		BO /SC		
Check and tighten handle pivots		BO/SC		
Check alignment of buggy – ensure that it runs straight		BO /SC		
Replace fused SLA battery leads			BO/SC	
Replace Speed Control button			BO/SC	
Replace speed controller and On/Off switch assembly			BO/SC	
Replace rear and front wheels				BO
Replace upper and lower bag straps				BO

BO = Buggy owner can carry out this work
 SC = Charged work to be carried by approved service centre
 BO/SC = The six monthly service can be completed by either an authorised service centre or the owner of the buggy.

12. 7 Service Record for All Buggies

6 month inspection	Date: Invoice #:	Serviced by: Signature:
1 year inspection	Date: Invoice #:	Serviced by: Signature:
1 ½ year inspection	Date: Invoice #:	Serviced by: Signature:
2 year inspection	Date: Invoice #:	Serviced by: Signature:
2 ½ year inspection	Date: Invoice #:	Serviced by: Signature:
3 year inspection	Date: Invoice #:	Serviced by: Signature:
3 ½ year inspection	Date: Invoice #:	Serviced by: Signature:
4 year inspection	Date: Invoice #:	Serviced by: Signature:
4 ½ year inspection	Date: Invoice #:	Serviced by: Signature:
5 year inspection	Date: Invoice #:	Serviced by: Signature:
5 ½ year inspection	Date: Invoice #:	Serviced by: Signature:
6 year inspection	Date: Invoice #:	Serviced by: Signature:

13.0 Service and Repair Centres

For all servicing, please do not go back to your place of purchase.

MGI offers the largest network of Service Centres in Australia and New Zealand. To find your nearest Service centre visit www.mgigolf.com

For warranty repairs to be authorised you MUST provide proof of purchase. Please keep this with you as well as your Serial number you can record in this manual.

14.0 Purchasing Parts and Accessories

You are welcome to service your buggy out of warranty, by purchasing parts direct from MGI. Please call or email to discuss the right parts and instructions.

15.0 Contacting MGI

MGI Golf Head Office

Address:

11 Maurice Court, Nunawading VIC Australia 3131

Phone: + 61 3 8872 6700

Local Toll Free: 1300 644 523 (excludes mobiles)

Email: sales@mgigolf.com **Web:** www.mgigolf.com

16.0 FAQ

Q: My battery level indicator on screen is not accurate.

A: You may need to tell your buggy whether you are using a Lithium or standard SLA battery. See section 7.2 Battery Indication to correct the type of battery you are using.

Q: The front wheel is noisy in operation.

A: You may need to change the front wheel gasket caused from wear and tear. See section 5.3 Front wheel maintenance

Q: My buggy is not tracking straight.

A: You can do a simple realignment on the two front wheels. See section 5.2 Adjusting and aligning the front wheels

Q: Why does my MGI Quad buggy no longer have a lower bag strap?

A: The MGI Quad buggy has been designed so the lower bag strap is no longer required. If you would prefer one for personal reasons, the lower bag strap is included with the spare parts when the buggy was purchased

Q: I would like to have my MGI Quad buggy serviced.

Who do I call?

A: visit www.mgigolf.com to find your nearest Service centre using your postcode within Australian and New Zealand.

You can also call MGI Head office using any of the contact details. See Section 15 for details.



www.mgigolf.com

MGI Golf

P: +61 3 8872 6700 **E:** sales@mgigolf.com

Follow us on

