

Launch your Navigator, Hover in golf club free.

NAVIGATOR

TOP CLASS REMOTE KADDY



Owners Instruction Guide

CE ISO 9001:2000



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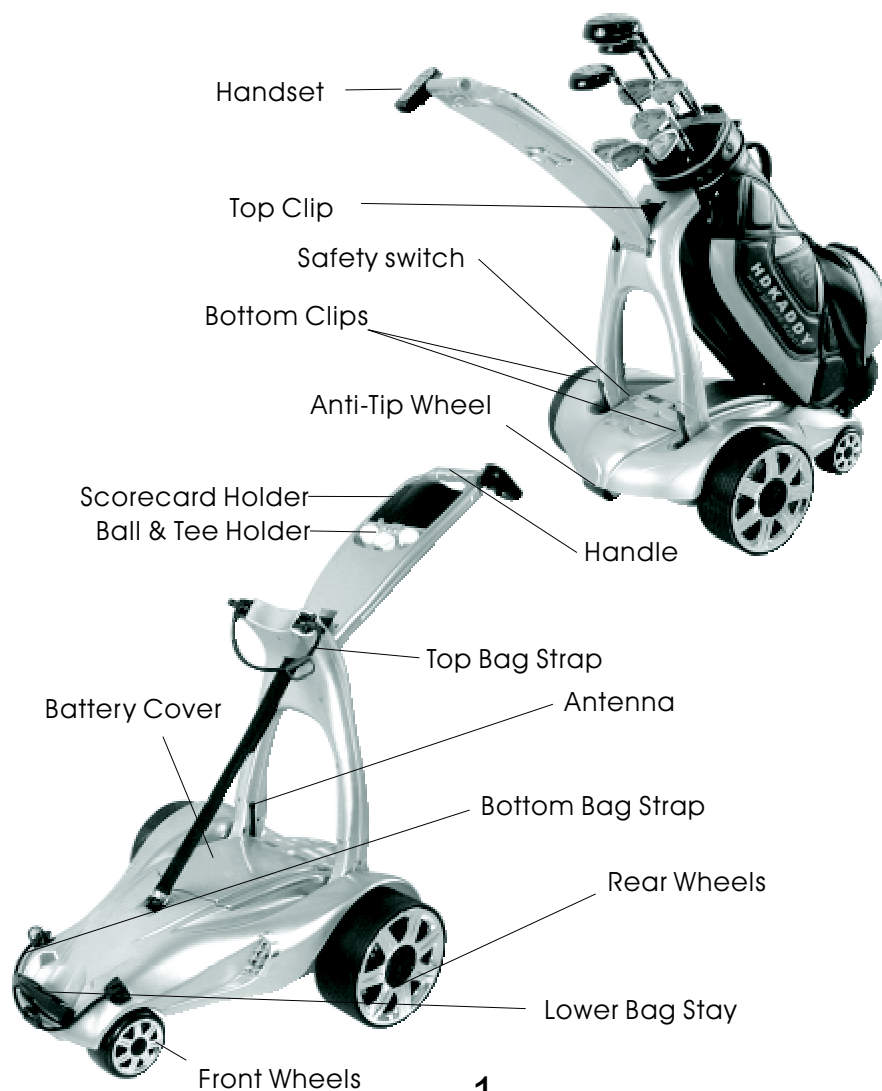
Page 12 Replacement parts list.



Travel Bag

Congratulations on your purchase of the Navigator.
Please try to avoid the temptation of going straight out to
the course to use your new Navigator, and take a few
minutes to read this manual so that you can get the best
from your Navigator.

PARTS IDENTIFICATION



ASSEMBLY INSTRUCTIONS

▲ Rear Wheel Assembly

The quick release mechanism has been designed for ease of use.

1) To remove the wheel from the 'locked' position, just turn the handle 90 degrees clockwise so that the arrows point to the unlocked padlock.

Now just lift the side of the Navigator and pull off the wheel.

2) Both wheels have a built in freewheel setting so that you can always finish your round even in the unlikely event of a fault.

To engage this mode, move the handle clockwise to the unlock symbol and move the wheel 15 to 20 mm towards you. Now rotate the wheel by 90 degrees and push it back towards the motor until it stops.

Turn the handle 90 degrees anti-clockwise to 'lock' and spin the wheel.



Note: Make sure the two wheels are engaged in the same mode.





UNFOLD STEP



Pull the handle 45 degrees upright the main body, and continue taking it to make the two clips locked.



The middle Nylon bag strap is already adjusted to protect your golf bag and Navigator balance.
Make Sure that bottom clips are secured to the Chasis

FOLD STEP



Fold the lower bag stay.



Release the top clip and lower the handle until it comes to rest on the rear cover.



Now release both lower clips (by pressing the clips with your thumbs) simultaneously and slowly lower the parts until they nest together.



Do not 'drop' either of the holding parts of the Navigator.

See page.9 to know the step for battery assembly,
Note: Do the contrary step to fold the Navigator, but make sure take the battery off first.



HANDSET INFORMATION

Before you start, ensure that the power switch is in "start" position.

Get to know your Navigator by practicing away from any obstacles.

Be aware that the handling characteristics of your Navigator will be different on grass than on the car park, and with or without a golf bag fitted. The indicator light will flash every time a signal is sent to the receiver.



a) Emergency Brake: The red button in the middle of the directional controls is an emergency brake. Press and release to bring Navigator to an immediate stop. This function is still recommended that it be parked "across" a slope.

b) "OFF" button: It will bring Navigator to a gradual stop. Use this for normal stopping.

c) Directional Controls: Pressing the forward button will set Navigator in forward motion. Holding either the left or right button down from stationary will make Navigator turn on the spot. Releasing the button will stop the caddy. Once Navigator is in motion, continually pressing the forward or backward buttons will either speed up or slow down it respectively.

d) Cruise Controls: They are factory set: button 1 is the slowest with button 4 the fastest.

e) Navigator handset is designed to have an operating range of 50 metres. You can pull aerial in the handset to increase control distance when your range is over 50 metres. This may be affected by factors such as atmospheric conditions, proximity to buildings, hills and trees, power lines and condition of the handset battery (which should be changed every year).

NOTE OF HANDSET

a) The clip on the back of handset can also be used to attach the handle of the Navigator. (Fig1)



Fig1

b) When control distance is obviously shorter than 50 metres, Navigator's response is very slowly or indicator light cannot flash, you need replace handset battery.

c) When reversing the Navigator, it is necessary to stop it before commanding it to move forwards. Reverse has only one preset speed.

d) If you are a right-handed player, park Navigator to the right of the ball so that it does interfere with your shot.

e) The handset uses a 9V PP3 battery. Remove the screws and open cover on the back, then replace new battery and shut cover, making sure screws are not over-tightened. (Fig2, Fig 3)



Fig2



Fig3

Remote Control Details

a)Your Robojet complies with all current telecommunications regulations.

b)We recommended not Exceeding 50 meters. The greater the distance between you and the Navigator, the greater the chance of losing contact with it. Should this happen however, the Navigator will stop automatically.

c)Microcomputer:

Navigator has 3 microcomputer controls: First is in main control box, second is in handset, and third is in antenna. Antenna receives signal transmitted by handset. Then main control box effects and operates.

d)Professional Remote Control Operation:

Navigator's operating system is specially designed for golf caddy. That is more intelligentized. This handset is suitable for your hand properly.

e)Secure Protection:

When temperature of control box over highest-limited degree and overload, it will stop automatically to adjust itself.

The note on the controller:



**CAUTION: This surface can get hot
Fully recharge the battery after every round**

Green Power on

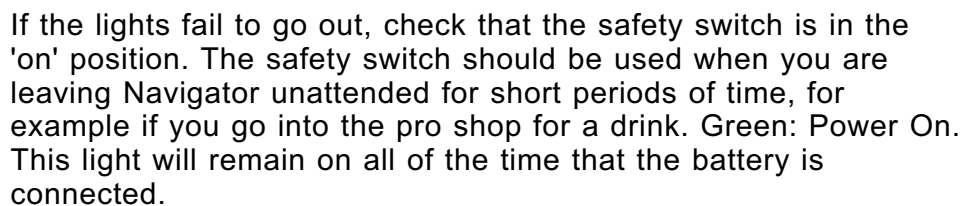
Red Low battery. Disconnect battery, engage free wheel

Yellow Receiving signal

Red Over temperature, reset automatically when cool
Both red lights on: Overload / Short circuit
All light indicates Safety Switch activated

HIGH DEGREE KADDY

In side of battery enclosure lays the heart of the Navigator: the microprocessor controlled electronics system. If your Navigator should suffer a fault, there are four diagnostic lights on the electronics case, which are there to help you and us. When you connect the battery, the electronics system will automatically run through a start up routine. This is indicated by all of the lights coming on for approximately 2 seconds. When the start up routine is complete, all of the lights will go out except the green 'power on' light.



Both Red: If both red lights are on then it means that the electronics has been overloaded. For example, accidentally leaving your Navigator running when against a tree or wall will do this. The LED's will reset to normal when the problem is resolved.

Important: The electronics box contains no user serviceable parts. The lid to the case is sealed to reduce the risk of water ingress. Breaking this seal increases the risk of moisture entering the case, and reduces the reliability of your Navigator. No attempt should be made to open the case and doing so may invalidate the warranty.

BATTERY OPERATION AND CARE

- 1) Remove the battery cover. Hold the back of the battery cover from square slot, remove the battery cover (fig 1).
- 2) Ensuring that the straps are out of way, insert the battery into the chassis with the power lead facing forwards and secure with the straps (fig 2).
- 3) Connect the battery and **ensure that the safety switch is in the 'off' position(the 'O').**(fig 3)
- 4) Insert the two slips of battery cover into the main body(fig 4), make sure that the two square clips are secured to the chassis. Gently press the battery cover down until it is secured in place.

NOTE: If no power supply, please check the fuse in the battery.



Fig 1



Fig 2



Fig 3



Fig 4

The battery supplied with your Navigator is one of the most advanced of its kind. However all batteries begin to age the day they are made. You cannot stop this process; but by following the simple steps below you can prolong its life. When you get your battery. A battery over 18 months old should be rejected. Now put it on charge for at least 24 hours to activate it.

For the first three outings you may find that the trolley tires before the end of the round. This is normal, the battery will be at full capacity once the first three rounds are complete.

Always charge the battery as soon as you possibly can after your round but certainly the same day.

Always keep your battery on charge between rounds. If you disconnect the battery or the mains, the charger will assume that a different battery has been attached and offer a bulk charge.

Never play more than 18 holes with one battery, you will discharge it below its designed lowest voltage and damage the battery shortening its overall life. Never drop the battery or charger, this includes allowing the battery to roll around in your car boot.

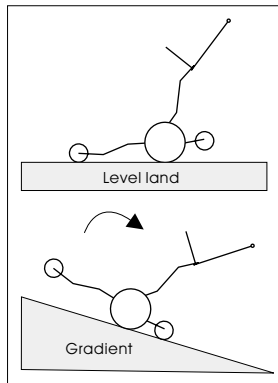


IMPORTANT: first plug the outputting plug to your battery and only then to the AC source, Make sure that you have correctly aligned the pins as indicated. Plug input end of charger to AC supply.





ANTI-TIP WHEEL FUNCTION



The integrative designed anti-tip wheel make the Navigator adapt to most terrain.



SCORECARD HOLDER



BOTTLE HOLDER



MAINTENANCE

The steps below will help you to get a long and reliable life from your Navigator.

- 1) The Navigator has been designed so that you as a user can concentrate on playing golf. To keep your Navigator looking its best, we advise that you wipe any loose mud or grass from the cover and chassis after every round. Cleaning is best performed with a soft, damp cloth. Do not use a hard bristled brush as this may scratch the surface.
- 2) Do not use any high-pressure jet washers as this increases the possibility of moisture entering the motors, gearboxes and electronics.
- 3) Remove the rear wheels every few months and remove any debris that might cause the wheels to drag.
- 4) A four hour round of golf played once a week for 12 months is equivalent to, say, four years use out of a lawnmower. So once a year, at least, thoroughly inspect your cart, and if you notice any symptoms of wear, consult your local service agent.
- 5) Always put your machine together before connecting the battery. If you prefer not to leave your battery on charge, as you know that you will not be playing for at least a month, you can store the battery.

All of these points will help keep your Navigator in tip top condition and ensure that it remains your reliable partner.



TROUBLE SHOOTING

Problem	Possible Cause	Explanation
Navigator is not responding to button presses	Battery not connected	Connect the battery to the electronics box.
	Power switch is off	Turn the switch on. The power switch is located on the control panel.
	Handset batteries flat	Check the red LED in the centre of the handset. Replace batteries if required.
	You may be out of range	Navigator has a range of 50m, but the range can also be affected by numerous other factors.
	Navigator is overload or over temperature.	Navigator use 5 seconds to adjust itself.
I can hear motors working but trolley is not moving.	Rear wheels may be in freewheel mode.	Use the quick release mechanism to take the rear wheels off freewheel.
I find it difficult to push my Navigator	Freewheel mode is not engaged.	Use the quick release mechanism to put the rear wheels onto freewheel mode.
My Navigator occasionally starts without me pressing a button	Strong interference	Navigator may sometimes react to interference, however the electronics will recognise this and quickly stop Navigator.
I have lost my Navigator handset		Please contact High Degree Kaddy and we can arrange for a replacement. There may be a charge for this service.
The Navigator moves in circles when pressing the forwards button	One wheel engaged, one in freewheel mode.	Ensure that both wheels are not in freewheel position.

REPLACEMENT PARTS LIST

Part NO.	Name	Part NO.	Name
HM501001	Handle (above part)	HM501030	Rear wheel cover
HM501002	Handle (nether part)	HM501031	Rear wheel release knob
HM501003	Handset holder	HM501032	Rear wheel release sliding clutch
HM501004	Scorecard holder	HM501033	Rear wheel release baffle
HM501005	Top clip	HM501034	Rear wheel release middle piece
HM501006	"A" tube (front part)	HM501035	Front wheel left piece
HM501007	"A" tube (back part)	HM501036	Front wheel right piece
HM501008	Top bag strap holder (left)	HM501037	Front wheel cover
HM501009	Top bag strap holder (right)	HM501038	Ront wheel axle cover
HM501010	Top clip fixity (left)	HM501039	Ront wheel axle baffle
HM501011	Top clip fixity (right)	HM501040	Anti-tip wheel left piece
HM501012	Handle axle fixity (left)	HM501041	Anti-tip wheel right piece
HM501013	Handle axle fixity (right)	HM501042	Handle axle
HM501014	Bottom clip shell (left)	HM501043	Top clip axle
HM501015	Bottom clip shell (right)	HM501044	Top clip spring
HM501016	Bottom clip	HM501045	Bottom clip spring
HM501017	Bottom clip fixity (left)	HM501046	Motor fixity axle
HM501018	Bottom clip fixity (right)	HM501047	Motor fixity sheath
HM501019	Big cover	HM501048	Battery cover clip
HM501020	Chassis	HM501049	Lower bag stay axle
HM501021	Battery cover	HM501050	Front wheel axle
HM501022	Lower bag stay	HM501051	Rear wheel release spring
HM501023	Intake (left)	HM501052	Motor with gear box
HM501024	Intake (right)	HM501053	Controller
HM501025	Bottom bag strap holder	HM501054	Receiver
HM501026	Bag strap head	HM501055	Handset
HM501027	Bag strap puller	HM501056	Charger
HM501028	Rear wheel	HM501057	Battery package
HM501029	Rear wheel clutch		

Please contact the local dealer if need replacement parts.

Other products for reference

GOLF CRUISER
GC906-2A



ROBOTJET
MC101R

EASYJET
MC101A



POWERFUL GAME, POWERFUL CARTS
More informatin: www.hdkaddy.com

I, Robot, And You?

Take the weight off your game!

MC501R Weights & Dimensions				
Model	Size (when open)		Size (when folded)	
Navigator	115 x 67 x 93 cm		78 x 67 x 33 cm	
Battery	H	W	D	Weight
24amp	165mm	126mm	175mm	8.2kg
Weight		Without battery	with battery	
		14Kg	22.2kg	
Handset	Battery: 9v PP3 battery; Frequency: 915Mhz			
Operating range	50m, auto-brake when out of range			
Motor	2PCS 180w Powerful and Quiet			
Wheelbase	450 mm			
Rear wheel size	240 x 100 mm			
Front wheel size	130 x 65 mm			
Load Max.	25kg			
Speed Max.	8 km/h			
Distance	15 km			
Climb capacity	15 degree			
Carton Dimension	87 x 70.5 x 34 cm			

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.