



NXT Custom Golf Carts from SC Carts

Operation Manual:

CONTENTS:

- Chapter 1: Introduction
- Chapter 2: Operator safety
- Chapter 3: Controls
- Chapter 4: Important labels
- Chapter 5: Pre-operation checks

Chapter 1: INTRODUCTION:

Congratulations on your purchase of an NXT electric vehicle. This manual contains information you will need for proper operation, maintenance, and care of your vehicle. A thorough understanding of these simple instructions will help you to obtain maximum enjoyment from your new NXT electric vehicle.

If you have any questions about the operation or maintenance of your vehicle, please contact SC Carts directly. Please read and understand this manual completely before operating your golf cart. This manual is relevant to the following models

Type Note

G2 – 2 Seat Golf Cart
R4 – 2+2 Seat Resort Vehicle
F4 – 4 Seat Forward Transportation Vehicle
W2 – 2 Seat Work Vehicle

SC Carts continually seeks advancements in product design and quality; therefore, while this manual contains the most current product information



available at the time of release, there may be minor discrepancies between your vehicle and this manual.

Chapter 2: OPERATOR SAFETY:

Read and understand this manual completely before operating your vehicle. Failure to follow **WARNING** instructions could result in severe injury or death to the occupants, bystanders, or a person inspecting or repairing the golf cart.

Your NXT electric vehicle has been designed to be simple to operate. However, be sure to observe the following:

- ✓ Read this Owner's/Operator's manual and all safety and instruction labels on the golf cart before operating.
- ✗ Do not allow more than one occupants per seat.
- ✗ Do not operate the vehicle while under the influence of alcohol or drugs; their affect on vision and judgment make operating a vehicle dangerous.
- ✗ Do not operate the vehicle on public streets, roads or highways unless allowed by law or local regulating authority.
- ✓ Keep your entire body inside the vehicle, remain seated, and hold on when in motion.
- ✗ Do not drive the vehicle until all occupants are seated.
- ✓ Keep your hands on the steering wheel and your eyes on the path ahead.
- ✓ Use extra care in congested areas or when backing up. Always back up slowly, and watch carefully.
- ✗ Avoid starting or stopping abruptly. Vary the speed of the golf cart to match the terrain.
- ✗ Avoid turning the steering wheel too sharply at higher speeds.
- ✓ Always drive slowly straight up or straight down slopes and never at an angle.
- ✗ Do not make any modification or additions which affects carrying capacity or safe operation, or make any changes not in accordance with the owner's operator's manual.

Danger:

Explosive gases are released when batteries are charged or discharged. Keep well ventilated.



Keep spark flames and cigarettes away. Shield eyes when working near batteries.

SAFETY PRECAUTIONS DURING MAINTENANCE:

When performing maintenance, follow all safety instructions contained in the SC Carts owners resource section of our website, as well as the following safety procedures:

- ✓ Properly immobilize the vehicle before beginning any maintenance.
- ✓ Properly block chassis before working underneath the vehicle.
- ✓ Before working on your NXT, disable the vehicles electrical system by toggling the “ON/OFF” switch to the “OFF” side. ***serious damage to the vehicles electrical system can occur if this is not done***
- ✓ Use only properly insulated tools when working on or around the batteries.
- ✓ Maintain all safety devices including brakes, steering mechanisms, warning devices, and governors, in a safe operating condition.
- ✗ Do not modify these safety devices from their original design
- ✓ After each maintenance or repair, the cart must be driven by a qualified, trained, and authorized person – in an area free of pedestrian traffic – to ensure proper operation and adjustment.
- ✓ Record all maintenance performed in a maintenance record log by date, name of person performing maintenance, and type of maintenance.
- ✓ Periodically inspect maintenance log to ensure accurate and complete entries.
- ✓ Maintain in a legible condition all nameplates, warnings, and instructions provided by the SC Carts
- ✓ If new nameplates, warnings, or instructions are needed, contact your SC Carts.

SAFETY CONSIDERATION:

- Like all machines, electric vehicles can cause injury if improperly used or maintained.
- This section contains broad safety practices required for safe vehicle operation.



DRIVER QUALIFICATIONS:

Allow only authorized people to operate the vehicle. It is recommended that only people who possess a valid motor vehicle driver's license be allowed to operate the vehicle.

Chapter 3: CONTROLS:

WARNING:

If lending or reselling the vehicle, make sure the driver is familiar with all the controls and rules.

- The F/R switch is used to shift the golf cart into forward or reverse.
- In order to avoid occupants' injury and protect the carts drive system, move the lever to the desired position only after coming to a complete stop.
- Press down on the brake pedal to stop the golf cart after releasing the accelerator pedal. Engage the parking brake whenever parking the golf cart.
- The parking brake will automatically release when the accelerator pedal is depressed.
- For safety purposes always turn the key off and put the drive direction selector into neutral when leaving the vehicle.

Controls:

- Brake pedal
- Parking brake pedal
- Accelerator pedal
- Main switch
- Battery indicator
- F/R switch
- Charging plug
- Charging outlet



MAIN SWITCH:



(fig 1)

The master toggle switch can be found on the lower portion of the dash panel below the stereo. (fig 1)

OFF: Electrical circuit is switched off. The cart is completely disabled and can be serviced.

ON: Electrical circuits are switched on. The golf cart can be driven.

Drive Select Switch:

The F/R switch can be found on the front side of the seat. The drive select switch is used to shift the golf cart into forward or reverse direction. After coming to a complete stop, move the switch to the desired position.

F - FORWARD

R - REVERSE

O - Neutral

The vehicle will move forward when the F is selected on drive select switch and the accelerator pedal is depressed. The back-up buzzer will beep and the vehicle will go in reverse when R selected on drive select switch and the accelerator pedal is depressed. When the switch is in the "o" position, the vehicle is in neutral and will not move. (fig.2)



(fig 2)

ACCELERATOR PEDAL:

The accelerator pedal can be found on the right side and is defined by "GO" This pedal is similar to the pedal in your common vehicle. Turn on the main switch and select F/R to move in the desired direction, the vehicle speed will

accelerate gradually or quickly depending on how firmly the accelerator pedal is depressed. Releasing the pedal will bring the vehicle to a gradual stop. (fig 3)



(fig 3)

BRAKE PEDAL:

The brake pedal is the bigger one on the left side is defined by "STOP" Press down on the brake pedal to stop the vehicle. (fig 4)



(fig 4)

PARKING BRAKE PEDAL:

The parking brake pedal is the small one on the upper-left of brake pedal and defined by "PARK" Press down on the parking brake pedal whenever parking the golf car. (fig 5)



(fig 5)

WARNING:

The parking brake will automatically release when the accelerator pedal or the brake pedal is depressed.



Battery Charge INDICATOR:

The battery charge indicator shows the current charging stage during the battery charging process. When the indicator is flashing red it is below 80% charged, when it is flashing yellow it is above 80%, when it is flashing green it is on its final charging stage and when the indicator is solid green it is completely charged (Fig 6)



Chapter 4: IMPORTANT LABELS:

Vehicle SERIAL NUMBER:



(fig 8)

The Vehicle serial number is identified in the location shown in fig. 8.



NOTE:

The first four digits of the serial number are for model identification; the remaining digits are the unit production number. **Keep a record of these numbers for reference when ordering parts from SC Carts.**

Chapter 5: PRE OPERATION CHECKS:

Every NXT electric vehicle has gone through thorough testing prior to delivery to ensure all aspects of the vehicle operate as they were designed to do.

Please use the following check list as a guide. Pre-operation checks should be made each time you use your electric vehicle. Get in the habit of performing the following checks so that it becomes second nature.

WARNING:

Be sure the main switch key is removed before performing the pre-operation checks, and apply the parking brake to keep the cart from moving.

PRE-OPERATION CHECKLIST:

Before each use check the following:

- ✓ **BATTERIES:** Check that the batteries are held securely in place to prevent them from being damaged from vibration or jarring. Also check that no battery caps are missing to prevent battery acid from spilling from the batteries. Check the battery terminals for corrosion.
- ✓ **TIRE CONDITION:** Tire Air Pressure: Check the tire air pressure before operating, your electric vehicle. The tire PSI will be posted on the side of the tire sidewall
Check the tire surface for damage, cracks or embedded objects.
When tire tread wears down to 0.04 in. (1 mm), replace the tire.
- ✓ **BODY AND CHASSIS:**
Before each use, visually inspect the golf cart body and chassis for damage and/or missing parts.
- ✓ **FUNCTIONAL CHECK:**
After becoming familiar with the operation of the cart and reviewing this manual, you can begin to use your cart.



DAILY CHECKLIST:

Please use the following checklist as the guide to perform your daily pre use inspection

- ✓ **DRIVE SELECT SWITCH (F/R switch):**
Check to make sure it is working properly.
- ✓ **PEDAL OPERATION:**
Check the following pedal controls for proper operation. If a pedal does not work properly, contact SC Carts. Make sure the brake pedal feels firm when pressed and returns to its original position when released. Press down on the brake pedal, the brake pedal should not touch the floor of the vehicle.
- ✓ **PARKING BRAKE PEDAL:**
Make sure the parking brake pedal locks in place with a positive click (the parking brake will hold your vehicle on a 20% grade) and releases when the accelerator pedal is pressed.
- ✓ **BACK-UP BUZZER:**
Check the back-up buzzer by moving the drive select switch to "R" for reverse. The buzzer should sound.
- ✓ **STEERING SYSTEM:**
Check the steering system for excessive free play by:
Moving the steering, wheel up and down, and back and forth.
Turning the steering, wheel slightly to the right and left.
If you feel excessive free play, or hear rattling sounds which may indicate loose steering components, contact SC Carts.

WARNING:

The electromagnetic brake can help control the speed on downhill slopes. On steep grades, the use of the foot brake will also be required.

CAUTION:

If the the F/R switch is accidentally hit to the "O" position, the cart will come to an abrupt stop

By following the simple steps laid out in this operation manual you will ensure proper and safe use of your NXT electric vehicle for years to come.