





Pg 58

Feature ARTICLE Golf Cart Oil: Everything You Need To Know





Golf cart products to enhance your cart







www.lazylifeseat.com

# STREET LEGAL DEALERS WANTED

# 

#### STREET LEGAL. LITHIUM POWERED. DONE DEAL.

STAR EV's all-new 2022 SIRIUS arrives street legal and ready to roll. The STAR street legal models are 100% compliant with current Federal Motor Vehicle Safety Standards (FMVSS). With an optional factory-installed STAR-smart lithium battery powering advanced automotive components, SIRIUS delivers top-rated LiFePO4 LFP technology with built-in battery management. Road ready from the get-go, SIRIUS LSV is the real deal.

SELECT DEALER OPPORTUNITIES AVAILABLE



Contact us via telephone at (864) 297-8833 or email info@starev.com

# **A NEW ERA IN ADVANCED ELECTRIC GOLF CARTS**

# BUILT FOR CUSTOMIZATION THE GOLF CART WITH ENDLESS POSSIBILITIES



Customized with the MadJax Alpha Body

- 6.7 Horsepower Engine
- 5kW AC Motor
- 400 Amp Curtis Controller
- 25 mph
- Aluminum Chassis
- Digital Display Speedometer
- Rear View Backup Camera

- Battery Level Indicator
- Head and Tail Lights
- Break Lights
- Turn Signals
- Lighted Side Mirrors
- Lighted License Plate Bracket
- USB Charging Ports

#### Customized with the DoubleTake Phoenix Body

- DOT Windshield
- Electric Windshield Wiper
- High Ground Clearance
- Bluetooth Sound System
- Safety Grab Bar
- Rear Flip Seat with Cooler
- Extra Wide Rear View Mirror

#### **TO BECOME A DEALER – EMAIL INFO@TROJANEV.COM**

\*MADJAX and DoubleTake, are the respective property of that company and have no affiliations with Trojan EV. Mentions of third-party name(s) or products are not affiliated with Trojan EV, nor are endorsed from or by the third-party company.



# CUTTING-EDGE TECHNOLOGY, SUPERIOR CONSTRUCTION AND CRAFTSMANSHIP, THE FEATURES YOU WANT



#### WWW.TROJANEV.COM • 307-343-1105









RHOX GARAGE How To Videos From The RHOX Garage

JANUARY, 2022

# TABLE OF CONTENTS

FEATURES

Central Golf Cars / page 10

The Wacky World Of Golf Cars / page 26 What's New for Golf Cars in 2022

Golf Cart Oil / page 30

Technology Meets Golf Cart / page 38

Dealer Profile / page 58 Ott KNott Golf Carts

**Beyond The Gated Community** / page 66 The Evolution of Skills and Technology as PTVs Hit Public Roads in Greater Numbers

6

#### DEPARTMENTS

A Look Inside Golf Car Classics, The Book / page 92

Golf Cart Laws / page 63

Golf Cart Life / page 58, 80, 88

Industry News / page 81-86

International Happenings / page 76

Market Place / page 20, 48

The Social Scene / page 70-72

Service, Repair & Maintenance / page 74

Advertiser Listing / page 93

Golf Car/EV/LSV Manufacturers Listing / page 90-91

Legal News / page 93

Classified Ads / page 94

# STAFF

EDITOR Jodi Eyles info@golfcaroptions.com

**CREATIVE** Michelle James, Frances Bayer info@golfcaroptions.com

#### CONTRIBUTORS

Julie Starr, The Founder/Former Owner of WHEELZ Custom Carts & Accessories Stephen Metzger, Small Vehicle Resource

#### NEWSTANDS

www.MagCloud.com (Free Digital & Print On Demand Copies) www.issuu.com (Free Digital Downloads)

#### **GENERAL INFORMATION**

855-855-0638 info@golfcaroptions.com



Golf Car Options is available free of charge. The publisher assumes no responsibility for the accuracy of the advertisements or liability of any business transactions resulting from the advertisements placed in this publication.



#### FEATURE

The best Golf Cart Communities in Texas

From the Editors Desk

# EDITORIAL

Welcome 2022! Here's hoping that it's a prosperous, healthy year for everyone.

Looking back we would like to thank everyone for their support during 2021, and we are excited to have you with us during 2022. Be sure to stay tuned for some new, and fun offerings through the year.

This months issue cover photo features our 2022 Golf Cart Calendar grand winner Central Golf Cars, read more about them and the build on page 10.

For those of you who haven't taken our short "How Do You Cart" survey, please click HERE.

If your business would like to be featured FREE in our magazine, or if you're an aspiring writer let us know. Please keep the suggestions coming to info@golfcaroptions.com.

JANUARY 2022

7

# If expertise was measured in drives, we've been keeping it down the middle for years.

RELiON's InSight Series<sup>™</sup> is the *first* lithium, scalable, drop-in replacement battery solution designed specifically for golf carts. Don't trust your energy needs to just anyone. RELiON knows the demands that are placed on a golf battery, because our world-class engineers spent hundreds of hours on the course and in our labs to ensure reliable, maintenance-free lithium energy that increases power as you need it.

#### **BECOME A DEALER**

relionbattery.com/Play 855-931-2466

R E Li<sup>3</sup> O N°



Visit Us at the PGA Show 2022



#### Attach the NORDIC PLOW to your Golf Cart this Winter!

- Fits most golf carts
- Made in the USA and affordable!
- Easy to install our customized hitch
- Available for both standard or lifted carts
- Patented lightweight, rounded edge plow blade

The rounded edge glides over gravel, pavers, sidewalk cracks, and even turf!

Attach in 3 easy steps:

- 1. Remove Front Shield
- 2. Attach Hitch
- Insert Nordic Plow
   & Handle







#### nordicplow.com | 888-662-PLOW





# After researching various business possibilities, we determined that in our region, golf cars were growing in popularity due to many towns being

ity due to many towns being or becoming golf car friendly. Until our opening of CGC, there really was not a professionally run shop in the area that focused specifically on personally owned golf cars alone.

While we had no prior experience in the golf car business, Len (Len and Sandy Sabato, owners) did have expertise and training in building show winning concourse restored classic cars. We felt that combining Len's knowledge of auto restoration and our combined prior business experiences would give us the tools that we would need to learn the golf cart business quickly and be successful in this new venture.

#### Central Golf Cars

109 E Front Street, PO Box 469 Mansfield, IL 61854 Sales@centralgolfcars.com www.centralgolfcars.com



Now that we had a business plan, we next had to determine the location to open this business.

Several years earlier, we had purchased a commercial lot in Sandy's hometown of Mansfield, IL. With sales tax being lower than in surrounding counties and being on a main route with easy Interstate access, we decided that this would be the ideal place to build our new shop.

CGC broke ground for our facility in March of 2018, and by August we were open for business in our new 4000 sq ft golf car store.

At our Grand Opening in 2018 we only had six golf cars to sell, and one custom 57 Chevy Golf Car that we had customized on display. Being new to the industry, we were cautious on purchasing inventory initially until we learned through sales and customer feedback what we needed to stock.

While we did not have a large inventory to start, our store/shop had a very professional and organized look, and we greeted our customers with a friendly and helpful approach.

From the beginning (and to this day) our business model has been to specialize in personally owned golf cars. No rentals, no fleets, just a focus on building and servicing personal golf carts.

#### Central Golf Cars

109 E Front Street, PO Box 469 Mansfield, IL 61854 Sales@centralgolfcars.com www.centralgolfcars.com With Len's eye for detail from both the RC hobby and the auto restoration segments, we strive to build the finest quality golf cars available.



As we have told our staff many times: "We don't want to work at "A" golf car shop, we want to work at the "BEST" golf car shop".

To maintain and expand with our required attention to detail as our business has been growing, all the staff that work on cart builds here are from the Radio Control modeling segment as well. The eye for details and light-handed approach that is developed from building detailed RC models typically surpasses that of most mechanics or restorers.

It does not matter if it is a standard bodied build or a completely custom theme cart, we strive to have our selection of accessories and craftsmanship make the cart seem as if it had been engineered and built from the factory. Attention to details, thought out selection of features and components, and the abilities of our staff are the keys to give our builds our signature look.

While stock bodied personal golf car sales and service are of course the mainstay of our business, we also build complete custom fiberglass bodied carts, normally on a build to order basis during the slow part of our season (November-January).

CGC was recently contracted by a customer in California to build a one-of-a-kind Rolls Royce cart that would be a miniaturized version of his full-size Rolls Royce.

We started by locating a 1989 Royal Ride Rolls golf car as a starting point. While it was 36 volts and in need of a full restoration, all the critical parts (chassis, body, trim) were in restorable condition.

We started the build by removing every nut and bolt from the cart. We then had the chassis media blasted and black powder coated so it would look like new.



Next, we rebuilt the suspension and rear axle, installed new motor, later model wiring harness and Curtis speed controller, and updated it from 36v to a 51-volt lithium battery system. We added a full LED light kit, and retro fitted LED light boards inside the rounded stock taillights to maintain this look.

We then sourced special Coker wide white wall tires, and special 3" wide steel wheels. We customized the wheel covers so they would look just like the full-size Rolls caps, right down to the Rolls Royce Logos on the center caps.

The body was repaired, prepped, and painted the exact same Rolls Royce white as the customers car. Next, we modified full size chrome car bumpers to replace the original flat aluminum bumpers, and we built a real wood dashboard, complete with Bluetooth stereo and rear back up camera.

The finished cart is driven daily by the owners and has a top speed of 21.5mph.

The Bronco bodied cart in the photos was refurbished very similarly to the Rolls chassis and was sold to a company in Central Illinois that builds \$150k custom vintage Broncos. They were impressed with the quality and realism of our builds, and they are now offering our custom-built Bronco carts to their customers.

CGC has also built numerous "theme" carts. The Firetruck theme cart was built from a 2017 E-Z-GO RXV electric, and featured a real fire axe and hose, working emergency lights and PA system, as well as vintage brass fire extinguishers. It was built to order as a gift to a retired local fire fighter. The cart now resides in Florida.

We have also built branded theme carts like the "Harley" cart. This was also built from a 2017 E-Z-GO RXV



Electric, and featured licensed Hartley Davidson emblems and graphics, as well as custom upholstery.

Our sales and customer base here at CGC has been growing at an exponential rate. While we do run limited advertising, most of our new customers are from referrals from previous customers.

CGC currently operates as an independent shop. Our longer-term goal is to continue to build and grow our reputation for quality and service, and at some point, partner with a single golf cart brand/ distributor so we can become more focused with our sales and marketing efforts.



**Central Golf Cars** 109 E Front Street, PO Box 469 Mansfield, IL 61854 Sales@centralgolfcars.com www.centralgolfcars.com

JANUARY 2022





WWW.GOLFCAROPTIONS.COM



PHOENIX-TX TOTAL TXT TRANSFORMATION



Introducing the newest addition to DoubleTake's Phoenix family. The Phoenix-TX expands the line of Complete Customization Systems for E-Z-GO TXT.

JANUARY 2022 17



18)



# market PLACE

#### **Battery Tender**



#### from Battery Tender| batterytender.com

Battery Tender SMT 48V On-board SMT golf cart charger is designed for industrial, commercial, electric-vehicles and golf-cart applications. It is a microprocessor controlled, switching power converter that has a true DC output at a maximum power level. The charging algorithm is suitable for both standard flooded and sealed AGM lead acid batteries.

Features:

- 5-Step charging (initialization, bulk, absorption, equalization, & storage/maintenance)
- Software suitable to charge both Standard, Flooded and Sealed, Maintenance Free, AGM Lead-Acid Batteries
- Spark Proof
- Short circuit protected
- Convenient mounting holes and slots
- Safety timer: 16 hrs.
- 2 year warranty



#### Boom Blaster

from Boom Blaster Horns|boomblasters. com

Here at Boom Blasters we are dedicated to bringing you superior quality sound products, including custom musical electric car horns. Our 20 watt Boom Blasters horns are perfect for your car, truck, van, boat, RV, motorcycle, ATV, golf cart or any 12 volt supplied power source!



#### **Golf Cart Hauler**

#### from Bear Track Trailers| beartracktrailers. com

Bear Track Aluminum Trailers<sup>™</sup> are designed and engineered to be the most dependable trailer on the market, ready for all kinds of use from your toughest jobs, work or play. From hauling your work equipment from job to job, to hauling your toys up the gnarly mountain pass for a weekend of adventure, Bear Track<sup>™</sup> is your trailering solution.

# **LITHUM-ION IS HERE** TRUSTED TROJAN<sup>®</sup> POWER

GOLFASI

# BECOME AN AUTHORIZED DEALER TODAY



Scan or visit trojanbattery.com/authorized



NTHORIZED

ROJAN

LITHIUM-ION

DEALER

# BINCELLI SERIES BEYOND LSV



## Program Highuights

» CARTS AND PARTS SHIP FROM SC » BLUETOOTH SOUND SYSTEM STANDARD » ALUMINUM FRAME W/ AC MOTOR » LESTER CHARGER / CURTIS CONTROLLER » YOU CHOOSE US OR TROJAN BATTERIES » STANDARD AND LIFTED MODELS » BEST VALUE CARTS IN THE USA

BEYOND



WWW.BINTELLIEV.COM

#### All Bintelli Beyond Include:







Upgraded Wheels



Aluminum Chassis



Two Tone Seats







0i 0

Bluetooth Sound System

#### **Standard Equipment**

- Aluminum Roof Supports
- Curtis Controller
- USA Batteries
- On Board Smart Charger
- LED Lights
- Dual USBs
- 4 Wheel Hydraulic Disc Brakes
- Stainless Steel Hardware
- LSV with VIN
- Built in South Carolina
- 4 Year Limited Warranty

WWW.BINTELLIEV.COM









# Don't get snowed in this winter! Call M&M Vehicles for all your snowplow needs!

M VEHICLE CORP.

Available in 54" & 64" width Optional Power Angle Available

> Available for Precedent, E-Z-Go, Yamaha, Umax, and many more!

1-800-686-5978 573-581-4914 Fax 573-581-2046 Manufacturers of Specialty Vehicles and Components

19873 HWY 22 West Mexico, Missouri www.mmvehicles.com

# Golf Bag Racks!

M&M VEHICLE CORP.

Round Tube

ICLE COR

OWGOLFB -Onward Golf Bag Attachment

OWGOLFB6 - Onward Golf Bag Attachment with 6" drop RXVGOLFB - RXV Golf Bag Attachment

1-800-686-5978 573-581-4914 Fax 573-581-2046 Manufacturers of Specialty Vehicles and Components 19873 HWY 22 West Mexico, Missouri www.mmvehicles.com



# What's New for Golf Cars in 2022

And just like that, another year has passed and more and more people are driving golf cars for countless different reasons. The golf car industry continues to evolve, offering better run time, improved safety features, and flashy, custom accessories. I have reached out to manufacturers and dealers in the industry to put together a quick list of what to look for in 2022.

#### **New Golf Car Manufacturers**

Golf cars are a multi-billion dollar industry and new manufacturers are throwing their hats in the ring to get a piece of the action.

**Kinetic Green Energy**, an India based electric vehicle manufacturer has teamed up with Lanborghini, the iconic car manufacturer, to bring us "beautifully differentiated golf carts." The new electric vehicles will have the fantastic Lamborghini design we love and include solar panels, commercial packages, and automotive style features.

**Garia** may not be a common household brand, but among the elite, it is the go-to golf car. Garia is a Danish company that uses European manufacturing methods; however, they have facilities in the US. Known for their luxurious golf cars with high safety ratings and aerodynamic design, Garia will continue to carve out their niche in the luxury golf car market with the addition of new features including their indash refrigerator, Mansory accessory options, and automotive headlights. They continue to sign on notable brand ambassadors such as George Strait, Bubba Watson, and Beatriz Recari.

**Evolution Cart** is a Chinese brand that has set up headquarters in Corona, California and is emerging as an up and coming golf car star. Offering several makes for every function, Evolution Carts come with lithium batteries and a competitive warranty. It remains to be seen if they will gain on the big manufacturers in 2022.

#### **Lithium Batteries**

As we progress through 2022, lithium batteries will become the standard for golf cars. Here are the benefits of using lithium batteries over their lead-acid counterparts:

- Lithium batteries weigh significantly less.
- Charging time is half the time of lead-acid batteries.
- Save time with no maintenance lithium batteries.
- Lithium batteries are safer- no more overcharging fire hazards.
- Improved run time makes lithium

batteries a popular upgrade.

Whether you are considering upgrading your current batteries to a lithium battery system or purchase a new golf car with lithium batteries, transitioning to lithium is the right move for 2022.

#### **Prices Continue to Rise**

High demand and low inventory leads to higher prices- and golf cars are no exception. As golf cars continue to become more popular and the preferred choice in neighborhood transportation, demand is increasing. Supply chain issues plaguing 2021 will continue into 2022, which translates into long lead times and low volume used inventory. The average golf car price has increased by 30% since early 2019 and we expect that number to continue climbing.

In the golf car industry, 2022 will bring some fun news, some not-so-fun news, and hopefully a few surprises.



About the Author: The Founder/Former **Owner of WHEELZ Custom Carts & Acces**sories, Julie Starr, was one of the industry's first online retailers of golf car products. The eCommerce store, www.WHEELZLLC. com, has served golf car owners since 2008 and remains a popular online shopping experience for golf car owners who want to take their golf cars to the next level.



**GOLF CART ROTATING POP GRIP** PHONE MOUNT If Your Phone Has a Popsocket®

#### Price \$19.95

YOUR STEERING WHEEL TURNS **YOUR PHONE DOES NOT!** 

The SafeVuu Pop Grip Phone Holder Has a Built in (Phone Grip) - Works With: Your POPSOCKETS® NUCKEES® or SPINPOPS® (not included) Your Phone will Slide and Snap Onto the SafeVuu Mount Securely for All Your Phone Functions.

#### **ORDER YOURS TODAY** SafeVuu.com

1<sup>st</sup> Yamaha distributor in the U.S.A. **BED LIFT KIT AVAILABLE** IMMEDIATE SHIPPING! BEDLIFT In business since 1961 tntcarts@adams.net • www.tntgolfcar.com 1-800-229-7274 JANUARY 2022



#### Making Fun Affordable



844-300-BEST (2378)

#### The Dash-Liner™ From Eureka Custom Products



#### **CLUB CAR**

- Eliminates the black hole in the dash where personal items are left behind because they couldn't be seen
- Enhances the look of the dash area
- Personal items do not slide around or bounce out
- Made of durable flexible PVC that can easily be removed and cleaned

Club Car **Dash-Liner™** - \$27.50 Plus Free Shipping



# C&S CUSTOM GOLF CARTS

Authorized Dealer For AllSportLiftKits.com

Lift Kits • Tires & Wheels • Seat Covers Motors • Electric & Gas



cscustomgolfcarts@hotmail.com www.cscustomgolfcarts.jimdo.com 314.704.3655



Custom Golf Cart Seat Covers Keep cool & dry in the summer Stay warm in winter Available in a variety of colors





www.HDGOLFWHEELS.com - Phone: 888-707-9880

#### Feature



### It is important to change the oil from time to time as oil causes degradation. But you have questions like how much, and what type. Well, you've come to the right place, we have the answers.

#### How Much Oil Does A Golf Cart Engine Hold?

The engine oil capacity of most gas-powered golf carts is around 1 liter (1 quart). Oil should not be overfilled when you add it to an empty golf cart.

#### How Much Oil Does An Average Golf Cart Take?

Most gasoline engine golf carts hold between 1 1/4 and 1 1/2 quarts of 10W-30 engine oil.

#### How Do You Check The Oil Level?

The engine oil dipstick should be checked periodically to ensure the fluid level is as high as possible. Pour 10W-30 grade engine oil into the funnel in small amounts. There are two lines on the dipstick and the letter "F" is stamped on it.

## What Happens If You Put Too Much Oil In A Golf Cart?

It may not seem like a big deal to overfill your engine oil, but it can actually damage your engine's internal components. It is actually possible for an overly abundant of oil to cause the flow of oil to be cut off, which can eventually lead to engine failure.

#### Can You Use Synthetic Oil In A Golf Cart?

If the viscosity of synthetic oil is the same, it can be used in a golf cart. It is recommended that you use non-synthetic oil only, so be sure to check with your golf carts manual to find out what type of oil is best for your vehicle.

#### EASY DIY STEPS FOR CHANGING YOUR GOLF CART'S OIL

#### **Tools and Materials**

Before beginning the process, you will need to gather some tools and materials. Essential items include:

- Lint-free rag
- Wrench
- Oil drain pan
- Funnel
- 10W-30 grade motor oil
- Replacement oil filter
- Work gloves
- Safety glasses

**Step By Step Changing the Oil** 

(NOTE These steps were donw using an E-Z-GO vehicle. Other carts may vary slightly. If you're not sure ask your local

#### dealer, or check your owners manual.)

It is easier to change the oil when the engine is warm. As a safety precaution, wear heavy work gloves. Put on eye protection to avoid splashing oil in your eyes.

- Park the golf cart on a level surface. Start the engine, and allow it to warm up. Once the engine is warm, apply the parking brake, stop the engine and remove the ignition key.
- Use the lint-free cloth to clean off the engine oil cap along with the area surrounding it. This will help prevent debris from inadvertently entering the engine when



PHOTO: Revel 42 Golf Carts

the cap is removed. Put the cap aside in a safe location.

- Place the drain pan under the oil filter. The filter is installed within a triangular-shaped housing, which is attached to the engine by three bolts.
- Use the wrench to remove the retaining

bolts. Pull the filter out of the engine. Set the rubber O-ring off to the side. Let the oil drain into the pan.

- Wipe the area surrounding the oil filter mounting point with the lint-free rag. Replace golf cart oil filter with a correctly sized new one using the O-ring to seal it. In some cases, you may be able to clean the oil filter with engine degreaser or compressed air. When using a degreaser, allow the filter to air dry before reinstallation. If you use compressed air, do not exceed 30 pounds per square inch, and keep the nozzle at least 3 inches away from the filter.
- · After sliding the oil filter into place, rein-



stall the three retaining bolts with a wrench.

 Insert the funnel into the filler cap opening. Pour small amounts of 10W-30 grade motor oil into the funnel. Stop periodically to check the fluid level on the engine oil dipstick. It has two

lines. The bottom line indicates the minimum amount required for safe engine operation. The top line just below the letter "F" indicates the full mark. Pour oil into the engine until the level is between the two lines.

• Remove the funnel, reinstall the cap and wipe away any spilled oil.

When you change the oil and replace golf cart oil filter as recommended, you will prolong the service life of your cart.

#### THE BIG 3 OEM RECOMMENDATIONS

How often should you change the oil in a your golf cart?

**E-Z-GO** recommends that owners change the engine oil every 125 hours of operation or a minimum of twice a year.

**Club Car** recommends that the engine oil should be changed after every 125 hours of use, or one can also plan to change the oil twice a year.

**Yamaha** recommends using the YamaLube non-synthetic 10W-30 oil for its golf carts. The oil should be changed after 150-250 hours of operation should take around 6 months. The time frame for changing the oil in any golf cart depends on the time for which the cart is operated.



Watch this handy video courtesy of Golf Cars Unlimited. www.golfcarsunlimited.com

# 9-hp just isn't enough!

Engine upgrade solutions for gas-powered golf garts

Dealer pricing available!
USA designed, manufactured, and supported
Solutions for un-lifted golf carts



Predator 22hp Installation Kit for 1998-2014 Club Car DS



Predator 22hp Installation Kit for 1994-2008 EZ-GO TXT / Medalist / Workhorse



Predator 22hp Installation Kit for 1996-2006 Yamaha Golf Carts





# Superior Durability & Custom Features:

- Aluminum Re-enforced Co-polymer Plastic Components
- E-Coated Aluminum or Steel Frame (Aluminum available for premium price)

В

- Enclosed Storage Compartment (A)
- 6 Built-In Cup Holders (B)
- Multiple USB Compartments (C)
- Folding Footrest (D)
- Seat Belt Brackets (E)
- 4 Tie-Down Attachment Points (F)

#### **Available Accessories**

- Removable Storage Bin
- USB Port
- Trailer Hitch
- Mounting Steps
- Golf Bag Holder
- Fishing Pole Holder
- Phone/Tablet Holder
- Specialty Seats
- Seat Belts
- Bolt-on Hanging Storage Rack



10

Е

MID-OCTOBER 2020

В

#### www.EAGLEPRODUCTS.us

1.888.972.9911

**Made in America** 



Visit the National Museum of Golf Cars and discover the history of the golf car from the very start. The museum features micro cars and beautifully restored carts from the 50's, 60's and 70's. Free Admission



Located inside the Cart Mart showroom in La Guinta 78525 Ca Hwy111 Suite 200, La Quinta, CA 92253

# Motor RPM & Speed Calculator

EUM

SHELBY CONTROL SYSTEMS https://gaminde.net/speed-calculator.php



This interactive Speed Calculator will allow you to check what the top speed of your cart should be with all the different speed codes.

In addition, it will allow you to input the max rpm's of any motor and you can determine what speed your cart will achieve.

Don't Forget To Check Out Our Controller Rebuild/Repair Page!

# PEDDLE MASTER, INC

Peddle Master portable hand controls give you the freedom and independence you desire and deserve.



Peddle Master is designed to give disabled people the ability to drive their vehicles on their own. As long as they have access to a vehicle with an automatic transmission, they can get behind the wheel and hit the road. The Peddle Master can control the brake and gas pedals, and it's affordable and easy to transport.

- 1. They're more affordable than a permanent hand control system
- 2. They work in almost any automatic transmission vehicle
- 3. They will decrease your dependence on others for transport

### Peddle Master, Inc

3597 Killey Circle, Johnstown, CO 80534 970.587.8962 | www.peddlemaster.com

# Mention this ad & receive **10% OFF OF SHIPPING** xitoutdoorsllc.com Limit 1 Per Dealer

Largest WHOLESALE inventory Electric, Gas, EFI & Diesel Real Time Inventory 24/7 Quick Search Feature Text Alerts On Hot New Deals Referral & Sourcing Incentives Utility & Specialty Vehicles Truckload Discounts on 13-28





**1-800-693-0062** info@xitouitdoorsllc.com xitoutdoorsllc.com

# Technology meets Golf Cart

Golf Cart Battery Chargers: Transformer Vs. High-Frequency

A battery's performance is only as good as its charger. Over 50% of battery problems are caused not by the battery itself, but by wrong or insufficient charging. A proper charging regime is based on battery technology, temperature, state of charge and the application.

Deciding what charger to buy for your application can be a challenging decision to make. There are many variables that you have to consider when shopping for a new battery charger. The main two types of chargers used in the golf cart market are transformer or high-frequency. Transformer based chargers are the older technology and high-frequency chargers offer newer technology.

The transformer charger is big and heavy but most users feel it is a dependable charger that has been field tested throughout the years. Although it is not as efficient and does not maximize the full potential of the battery's charge, it will work with all lead acid batteries used on golf carts and it is less expensive to fix if you were to run into issues. If you are looking for something trust worthy but do not mind the bulk, this is definitely a great charger to use on your golf cart.

A high-frequency charger is the new age of golf cart battery chargers. This is a very competitive product with many brands on the market. High-frequency chargers have an efficiency of over 90%, which makes them very cost effective. Because a high-frequency charger does not have a heavy transformer, its weight is generally a quarter to a fifth of a similar conventional charger. Most of the time if they fail out of warranty, they are more expensive to fix because of the complex design on the inside. Unlike the older transformer style chargers, these cannot be repaired in the field. Reliability has improved over the last few years as technology advances. When purchasing a high-frequency charger it is important to know the voltage of the vehicle, type and manufacturer of the batteries and what connector you need to attach to your cart.

Each of the battery charger technologies have their advantages and disadvantages. The requirements of the end customer in terms of performance, cost, longevity and size are what determine which technology is used. Whatever charger you decide on, it is important to maintain and take care of it to ensure its longevity. Most chargers are not environmentally sealed so it is not advised to leave it out during a rain storm. To ensure the best charger, it is recommended to fully discharge your batteries before each charge. Now that you have a little more information on chargers, your next purchase may be made easier.

Did you know? FSIP remanufactures over 1000 chargers per month and offers a brand new replacement golf cart charger!

A control to concern

FSIP Now After 49 years of growth, along with our strong and time-honored OEM relationships, FSIP is proud to offer over 12,000 part numbers. This includes over 9,000 remanufactured, 2,000 manufactured and 1,000 distributed part numbers, while employing more than 115 personnel. FSIP provides electronic products for numerous markets and our trained engineering and sales staff offers assistance to 0EMs with new design applications.       2017       Acquires ARS Solutions LLC and opens a second FSIP location in Addison, Illinois         Introduces new FSIP performance golf cart motors       2016       Launches new lead-acid battery management system with the addition of the Xtender Regenerator and the BMS. Named the exclusive distributor for Xtender Battery Regenerators in
North America
Receives Most Valuable Supplier Award from MHEDA 2015 Announces exclusive remanufacturing agreement and
Expands facility to 59,000 square feet New Product Distribution with S.P.E. Chargers
Becomes distributor of new controls and handsets for Curtis Instruments Inc. 2013 Expands offerings to include products & services to the aviation market, including ground support equipment
Sevcon entered into an aftermarket service agreement appointing FSIP as the exclusive remanufacturer of their electric motor control systems in the US Navitas Vehicle Systems Inc. announced aftermarket service agreement, naming FSIP as the certified remanufacturer of NVS electric vehicle control systems
Clark Equipment adds FSIP remanufactured controls
2011 to their aftermarket program Began providing products and services to the go-kart market
2010 Inmotion (Kollmorgen) announced an aftermarket service agree- ment, naming FSIP as the exclusive remanufacturer of their drives and controls in North America
Expanded facility to 45,000 square feet Acquired assets of General Electric's motion control business, retaining exclusive rights to the GE Trademark and began manufacturing the GE Electric Vehicle controls and parts
Certified ISO 9001:2008 by Perry Johnson Registrars 2009 Entered into the scrubber/sweeper market
2006 Began providing products and services to the electric boat market
Curtis Instruments Inc. established FSIP as the exclusive Curtis Certified Servicenter, authorized to remanufacture Curtis controls 2005 Became ISO 9001:2000 certified by Perry Johnson Registrars
2003 Relocated to a 42,000 square foot facility in Carlisle, PA, the Northeast
Expanded products & services to the mining industry to include conversions 2001
Launched legacy manufacturing services 2000 Joined MHI Association
Joined MHEDA Association 1999 Began remanufacturing controls for the golf market
Entered into an alliance with General Electric, bringing together over 70 years of experience and technology 1997 The Industrial Products Group within Flight Systems was sold to the Brynavon Group
Began aftermarket program with Yale Equipment 1996 1996
Committed to efforts to remanufacture solid state controls for lift trucks 1992 1970 Developed aftermarket program with Hyster Equipment

**FSIP Then**...Flight Systems was established in 1968 and began designing and manufacturing aircraft and runway strobe lights, using unique solid state controls. This solid state control concept represented a new breakthrough in technology and Flight Systems received patents and F.A.A. Certifications, along with an earned reputation as a highly qualified supplier. Their solid state relays, timers and circuit breakers were used on various space crafts and launch vehicles and have flown aboard Apollos 8, 9, 11, 15 and 16; and Skylab I and II.

# Now AvailableThe 2022 Golf Cart Calendar



Featuring On The Cover & Winner of the ECOXGEAR Soundbar

# **CENTRAL GOLF CARS, MANSFIELD IL**

ORDER HERE

Order your copies today! 2022 Golf Cart Calendar Just \$9.99 (plus shipping)

28 Pages • 14 Full Color Golf Cart Photos Calendar Months January 2022 through January 2023 8.25" x 10.75"

www.golfcartcalendar.com · info@golfcaroptions.com

# EL VATE YOUR LIFESTYLE







Interested in becoming a dealer? Scan QR code above for more info.

# GOLF CART™ **Stuff**§

## FREE SHIPPING ON ALL ORDERS!





We have hard to find Marathon and G2-G9 Seats! All Seats available in Aluminum. Starting at \$299.95!





Steel Starting at \$255.95
Cushion Backers made of Plastic - No rot
Ship Next Business Day

Coming Soon: Chargers, Wheels and Tires, Lift Kits

www.Golfcartstuff.com

Phone: 574-333-2494



# THE NEXT INNOVATION FROM A BRAND YOU TRUST

VISIT US AT THE PGA SHOW TO LEARN MORE BOOTH #2823

## WWW.USBATTERY.COM



### Golf Cart Manufacturers | Golf Cart Dealers | Golf Cart Owners

Over the past several years the golf cart industry as a whole has been showing no signs of slowing down. The most recent published market reports have projected a significant uptick in revenue over the upcoming years. Taking the size of the industry, and the small role that golf carts play in both the PGA Merchandise Show and the GIS Show there have been numerous conversations as to why there is not a standalone golf cart trade show. Well, we feel the same way. So much so that a group of industry leaders is aggressively putting together an exploratory focus group to do just that. We feel there is a strong need to bring golf cart manufacturers, parts and accessories wholesalers and retailers, and golf car owners together, in one place. Don't forget to join our **MAIL LIST** so we can keep you updated as we move forward "Bringing The Industry Together."

To help us get a better understanding of your interest level, please choose a category below and take our short survey.



I am interested in **EXHIBITING** 



SPONSORING



# golfcarttradeshow.com



1212 Scott Street Wilkes-Barre, PA 18705 Customer Service: 570.891.0060 FAX: 570.890.0073 backspinseating.com

# Have it all! COMFORT, SUPPORT, and STYLE!

back

SEATING

SPLIT BACK BUCKET Choice of 3 colors, 3 armrests, sound barrier and positioning belts

### CROSSOVER BENCH BUCKET Choice of 2 colors, 3 armrests, and positioning belts

**GO FROM THIS** 

MATCH YOUR RIDE from our collection of over 130 colors and textures, including SUNBRELLA

onparcovers.com

## CROSSOVER BENCH BUCKET

Choice of 2 colors, 2 armrests, and positioning belts

## TO THIS IN MINUTES! NO TOOLS REQUIRED!

45

# GOLF CART • (7) SOCIAI

Golf Cart Social

Discussion

Magazine

煛

Just got done test fitting our new aluminum EZGO TXT battery tray today. What's great is it

ships flat and doesn't cost much to ship since

8

EQ. News

C

 $\bigcirc$ 

Classified.

2

46

The only **SOCIAL APP** for golf cart enthusiasts

Golf Cart Social is the first social networking app that brings golf cart owners, dealers, suppliers and enthusiasts together in one place. No more having to juggle between Facebook, Instagram, and Twitter, or wade through non-golf cart related content and ads!

Golf Cart Social features all the golf cart content you want, sourced from real golf cart enthusiasts.

Brought to you by Golf Car Options, Inc. | www.golfcartsocial.com The industry leader in golf cart magazine and marketing innovation. www.golfcaroptions.com

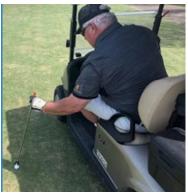
- **DISCUSSION** Share your thoughts, golf cart photos/videos, mods, and opinions with other golf cart enthusiasts like yourself. Ask a question, or help others with cart problems they may be facing. Upload your golf cart photos and videos
- **CLASSIFIEDS** Ready to sell your cart or extra parts? List them in the classified section. Or are you a dealer looking to generate more revenue? A wholesaler looking for Dealer/Distributors? Visit our Dealer/Distributors wanted classified section.
- NEWS Get all the latest golf cart news in one place. Learn about new product announcements, press releases, and more.
- MAGAZINE Read the current and past issues of our sister magazine, Golf Car Options. With dynamic browsing and built-in hyperlinks, Golf Car Options now fits into your pocket.
- MERCHANDISE Find hand-selected golf cart merchandise for sale.
- Customize and control push notifications so you never miss out on the conversation!





# o market <mark>PLACE</mark>

## **Golf Ball Plucker**



from Golf Ball Plucker| golfballplucker.com

How many times in a golf scramble have you leaned out of your golf cart to grab your golf ball while holding on for dear life? How much time have you wasted by stopping your golf cart, to climb out, and pick up a golf ball that is ALMOST within reach!? We have you covered. The brand-new Golf Ball Plucker is your go-to tool to pluck the ball from the fairway or rough, while you are in your cart in a seated and safe position. See them at the PGA Show booth #3995.

# Bag Strap



#### by Kell-Pro| kelly-line.com

The Kell-Pro® patented neoprene sleeve is designed to protect your golf bag from friction damage caused by the golf cart strap. The strap cover easily slides over the golf cart strap giving the protection needed. Our Kell-Pro padded sleeve is durable, attaches and removes easily from the golf cart bag strap making it a musthave addition for golfers. See them at the PGA Show booth #2747.



# **Caddy Cup**

#### from Caddy Cup| caddycup.com

Our Caddy Cup is second to none. Its brilliantly designed by inventive profes-

sionals to securely hold your cigar and keep it from slipping while you enjoy your beverage. Its customizable and perfect for personal use and as gifts for golfers and cigar connoisseurs, our products can be personalized with desired names, team logos, and more. Surprise your friends or loved ones with a versatile cigar-holding thermal cup that brings their two favorites together.See them at the PGA Show booth #4019.

Daly Protection



#### from Daly Protection| Max@idsisolutions. com

Daly Protection offers you and your customers a way to protect your investments. Our cart care program includes both service contracts that cover the mechanical components of your carts, along with appearance protection chemicals that keep your cart looking new. See them at the PGA Show booth #3619.



Founded in 2000, All Sports Manufacturing Inc. has pioneered the Altermarket Golf Carl Industry. We pride ourselves by manufacturing our product in-house at our 48,000 square foot facility in Pensacola, Florida. For 20 years we have strived to be the leader of our industry by offering products and customer service that is second to none.

All Sports Manufacturing is the ORIGINAL & LEADING Manufacturer for Golf Cart Lift Kits and Accessories

> Club Car Precedent Sport Windshield

Club Car Precedent \_\_\_\_\_\_ 8" Long Travel Lift Kit

Club Car Precedent Mega Neri Bars

# (866) 291-5244 | (850) 477-5244 www.americanliftkits.com



International Smart Production, **Global Direct Supply** 



10LOL focus on golf cart parts and accessories. High product quality, outstanding service and cost-effective price is our commitment to all customers, which have helped us to obtain a huge number of enthusiasts throughout the world.

More products, pls reach us via WWW.10LOL.COM E-mail: sale service@10101.com

## **Electric Power Parts**





Switch Console Plate

F&R Switch





Solenoid

MCOR

## **Brake System Parts**





Brake Cable

**Brake Shoes** 

Chassis System Parts





Front Axle

Rear Axle

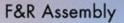
Steering System Parts



Steering Shaft Assy Steering Gear Box









Meter



**Charger Parts** 



**Battery Cable** 



Hold Down Plate



OBC



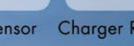
Voltage Regulator

Throttle Sensor



Speed Sensor

Charger Repair Kit

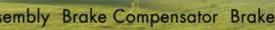




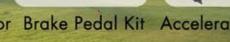




Brake Drum



Brake Assembly Brake Compensator Brake Pedal Kit Accelerator Pedal









Tie Rod Assembly



Wheel Hub



Spindle



Contract Strate



King Pin Repair Kit Bearing



Each issue we will bring detailed golf car installation videos direct from the RHOX Garage YouTube Channel.



LGT-301L RHOX LED Adjustable Light Kit, E-Z-Go TXT 14+, 12-48V

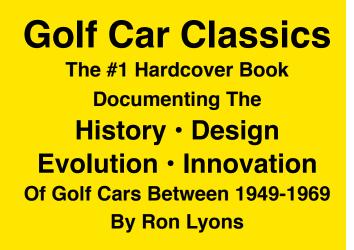
RHOX products are sold exclusively through golf car dealers.

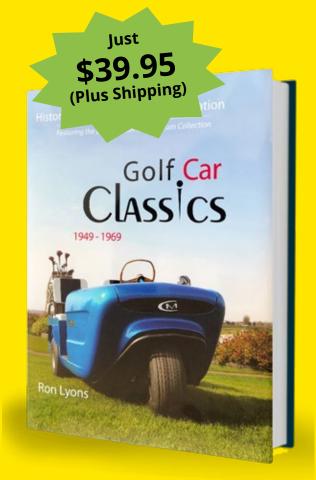
www.rhox.com



39204 COUNTY RD 186 • SAUK CENTRE, MN 56378







**317 Full color glossy pages, hardcover** 

Vintage ads & photos

142 different companies that have produced more than 200 different models

Available at www.golfcaroptions.com





# Custom Golf Carts, Sales, Services, & Accessories

WE CAN SERVICE YOUR CART ON-SITE!



🕲 YAMAHA



YETI

Personal, Commercial, and Industrial Vehicles

Tony and Dana Hallam, Owners Matt Scheessele, General Manager 1141 E. Warrenton Road, Haubstadt, IN 47639

Phone: (812) 615-5050 Fax: (812) 615-5052 Email: Sales@CartsGoneWild.com www.CartsGoneWild.com Follow us:

# STYLE YOUR CART WITH GMT



GMT dashboards for all major brands promote quick trouble-free installation. Available in all of GMT's popular colors. Club Car dashes available in two and four-cup holder models as above.

#### Yamaha Drive RADIO Adapter Series 200 Fit 2017 -up. Patent Pending

- Adds automotive styling and convenience
- Easy installation, just remove factory cup holder and replace with Series 200 dash radio adapter
- 00.00
- Precut opening for single din radio
- Includes 2 built-in coin holders
- · Designed to fit with or without our Series 900 full dash
- Available in all colors (shown in dark wood grain)



**Club Car DASH** 

Yamaha '17 Drive DASH

#### Series 800 Club Car Precedent DOOR PANELS Also Available for 2008-up

Series 800 Club Car Precedent **DOOR PANELS** saves on installation time over full dashes. Easily installed in the field - no need to remove factory key switch, oil/battery indicator light, cup holders, ball holder or steering wheel. Available in many color options.



Precision made GMT Locking **GLOVE BOX DOORS** cut installation time from as much as an hour to as little as a few minutes. Now available for Star Car and equivalent.





**AVAILABLE** for E-Z-GO RXV, TXT, TXT 2015-up, Club Car Precedent, DS, Yamaha Drive, Star Car and equivalent

Protect lifted cart bodies and custom finishes from the hazards of rugged terrain with the original **GMT designed and manufactured FENDER FLARES**.



Another Great Idea **From GMT**. Pictured right. Patent pending

Repairing a damaged Club Car Precedent rear body panel requires time consuming disassembly of the entire section of the cart. Installed on-site in minutes, automotive style GMT **BUMPER COVER** custom molded specifically for the Precedent model covers up frequently damaged rear body panels while providing added protection against future cracks, scratches and abrasions. Heavy duty plastic is substantially stronger, more durable than original equipment.

Yamaha Drive DASH

**THE VALUE LEADER IN CUSTOM ACCESSORIES**. GMT delivers greater value through innovative design features. Automotive quality and precision, plus faster, easier installation. PROMPT delivery, most orders shipped SAME day from our large inventory.

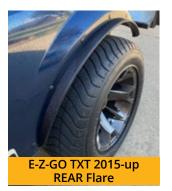
E-Z-GO RXV G1

E-Z-GO RXV G1

Yamaha Drive

All new patented design **FENDER FLARES** from GMT feature

- New underbody mount design
- Works well with standard or lifted car, approximately 2" wide
- Patented design maintains full wheel opening and factory body lines
- Installs in minutes with included hole templates and plastic push fasteners



#### Check out GMT's New Patent Pending Design. Compact, Easy To Install Roof Mount Radio Consoles - Made In USA

- Lower cost design compared to our full size radio console
- Compact, low profile unit is designed to fit tight against roof with less sight obstruction

Available for E-Z-GO TXT, RXV (1st & 2nd Gen, roof) Yamaha Drive, G22

All units available as a complete turnkey kit (radio, speakers and antenna) or speakers and radio may be purchased separately. Call for pricing.

Units available in all colors, Black, Dark Wood Grain, Carbon Fiber, Turned Titanium, Autumn Teak, Mahogany.

#### Beware of cheap imitations Accept only USA-made GMT products

Select accessories now available in a variety of camouflage finishes.



**WOODY KIT. Series 1200** Available in Two-Tone finish only for Club Car, DS, Precedent, E-Z-GO, and Yamaha



**OVERHEAD RADIO CONSOLES** fit all major golf cars. Special features include: a unique underneath storage compartment, and a deeper configuration for simplified installation.



Units now come with radio cutout and 5" speaker cutouts. Now available for Club Car Precedent, Yamaha 2003 and up and Yamaha Drive. Call about our new low cost, easy install radio consoles for E-Z-GO TXT, RXV, Yamaha Drive and G22.

#### Custom Finishes Including Camouflage Now Available



All GMT products are available in: Dark Wood Grain, Carbon Fiber, Woody, Autumn Teak, Mahogany, Turned Titanium, Black and Camouflage Finishes. Same day shipping on instock items.

The world's finest American made custom golf car accessory supplier.

180 S Melrose Avenue Elgin, IL 60123 847-697-8161 • Fax 847-697-8176 www.gmtplastics.com

We accept:



# THE GOLF CART BEST GOLF CART OMMUNITIES IN TEXAS

When it comes to finding a good golf cart community in Texas, you are going to have high standards, and rightly so.

The communities in this part of America are unique, spacious, and offer a long list of amenities for both the avid golfer and golf cart owner. Most of these communities have a high rate of golf cart ownership for a few reasons which include the golf courses themselves but golf carts are also the preferred method of transportation around the community due to their low speed and ease of getting around. Just make sure that the golf car is equipped with the right street legal golf cart parts to be allowed on the roads.

So without further ado, here are 4 great golf communities in Texas.

#### 1. Summit Rock Golf Course (Horseshoe Bay)



This is a gorgeous golf cart community that offers ample space, a beautiful waterway, and beautiful homes that are going to ensure you find a good fit for your needs. It is approximately 90 miles away from San Antonio and has a presence to it.

The golf course is a joy to behold and has all of the perks you are ever going to require from a modern setup.

The weather is great and the homes are gated allowing for a private experience in line with what you need as a property owner.

#### 2. Tapatio Springs (Boerne)

Designed by Tripp Davis, this is a golf course for



the ages. Everything about it screams luxury whether it is the luscious greenery or the beautiful views along the sides. This is a golfer's dream while also providing access to some of the region's finest properties all in one place.

You are going to enjoy being able to walk through the area and spotting world-class properties from one end to the other.

These are properties that are tailor-made for a golfer's needs and provide ample space for you to enjoy a fun game of golf.

#### 3. Comanche Trace (Kerrville)



Spread across 1,300 acres of space, this is one of the more beautiful golf courses on the planet and a community that is going to ensure you enjoy every bit of it.

The properties are well spaced out, gorgeous, and in line with modern architecture. You are going to enjoy the peace and quiet in this part of town and it works well for golf lovers.

The golf course itself is easy on the eyes and good during all times of the year. You are going to enjoy playing a game of golf here. 4. Boot Ranch (Fredericksburg)



This is an all-inclusive community that is not just about the golf course. It is about offering a more authentic Texan-style community that has a little bit of everything along with a beautiful golf course.

You get to swim, eat, and enjoy a game of golf all in one place. The ranch-like designs are great for those who are passionate about going for something that is more in line with what they expect in Texas. The architecture is a delight and perfectly spaced out for your needs as someone wanting a quiet place to live.

#### **Final Thoughts**

These are the best golf cart communities in the state and a must for those who are avid golfers. If you are thinking about finding a spot that is a lot of fun to be in then these are the communities that are going to bring a smile to your face.

Playing golf is all about finding these spots and making the most of them as you move forward. Don't settle for less when it comes to playing golf in-state.

These are communities that have all of the amenities you are ever going to need to have a great time. They are spacious, well-designed, and continue to deliver value to those who want the best.

Article via email: https://texasnewstoday.com/ the-best-golf-cart-communities-in-texas/572502/

# PROFILE

dealer

## OTT KNOTT GOLF CARTS | 509-951-4740



Changing the way Spokane/CDA buys golf carts.

#### ottknottgolfcarts.com | 509-951-4740

Ott Knott Golf Carts is a Cushman Utility Cart dealer, with the largest inventory of Cushman utility carts in the Northwest! Ott Knott Golf Carts is also a used golf cart dealer known for their Refurbished Custom Golf Carts. The value you get from an **Ott Knott Custom Golf Cart** can't be beat! Being a Cushman/E-Z-GO dealer Ott Knott is always looking to buy quality late model golf carts for there inventory for sale and the refurbished market. The value is an amazing golf cart that has been rebuilt from the ground up. All this starts

in the Custom Shop, taking the car apart to the frame, power washing, and replacing all the old warn parts. The shop replaces anything that needs or will need to be replaced. You get a quality golf cart that looks and preforms as new!

The customer experience is a fun and rewarding for both the Ott Knott Team and the customer. When a you come into Ott Knott Golf Carts showroom you will see the quality of the Ott Knott Teams work. Looking at the premium seats, custom paint, and all the fun parts that anyone would want to add to their golf cart. If you can't find a custom built car on the showroom floor, building your own custom is the next step. Looking over the custom build sheet you will get to pick colors of body, seats, wheels, enclosures, and all the fun parts, that make it your golf cart! The custom build sheet has all of the most popular parts on it with pricing so, adding up the cost of your build is easy to fit any budget.

The cost of a NEW golf cart

falls somewhere in the \$13,000-\$14,000 range. That's a base model golf car, that doesn't have all the cool parts you want.

**Compare an Ott Knott Cus**tom with a new car with the same cool parts, a new cart would go well over \$15,000. This is where the Value of an Ott Knott Golf Cart Custom comes in. You can get a premium golf cart, with custom paint, seats, wheels, cooler, ball washer, maybe a rear seat and still be THOU-SANDS LESS than new! All this comes with the best refurbished warranty in the business. Two years bumper to bumper!

#### **Ott Knott Custom Shop**

• If you can dream it we can



- We sell them as fast as we build them!
- If you see it today... it maybe gone tomorrow!
- Come see what everyone is talking about at Ott Knott Golf Carts!

ABOUT Ott Knott Golf Carts Custom Shop is your go to for value!

When you come into our showroom looking for a custom golf cart you will find it at Ott Knott Golf Carts. We can help you design a cart that fits your budget and stands out from all your buddies carts.

Pick your cart then pick the





custom painted body, custom seats, custom wheels, are just the start of building your cart. Go through the parts list with pricing so, you will know the cost upfront.

Need help with financing or taking a trade in? We can help!

Remember Ott Knott stands behind the quality of our work with a Two-year Ott Knott Warranty on all Custom golf carts! What are you waiting for give us a call or come in and see what everyone is talking about!

Ott Knott Golf Carts stands behind their work! Why not come down to Ott Knott Golf Carts at 4508 E. Sprague Ave., Spokane, WA 99212 and see for yourself.

Or check out the NEW WEB-SITE at www.ottknottgolfcarts.com or call us at 509-951-4740.





Gest Carts launches free, all-electric rides for passengers

#### hese days, Rhonda Harris is offering a much greener option for people to travel from point A to B.

"It's a souped-up golf cart," said Harris. "It's all electric." It's a new, uniquely designed form of transportation that's grabbing instant attention and leaving customers curious.

She and her wife, Murjani Harris, just launched Gest Carts Denver, an environmentally-friendly rideshare service designed to take passengers anywhere downtown within a 2-mile radius.

"It's so congested down here, just for example, to get to a basketball game. Sometimes you've got to park so far away," said Harris.

With ride-hailing services, like an Uber or Lyft, customers can download the Gest Cart app. But unlike the others, Gest earns 100% of the profits through advertisements. This ride is totally free for customers.

The fully electric, five-passenger carts have launched

in big cities across the country, like Chicago, Cincinnati and Detroit, and soon it'll be launching in Charlotte and Las Vegas.

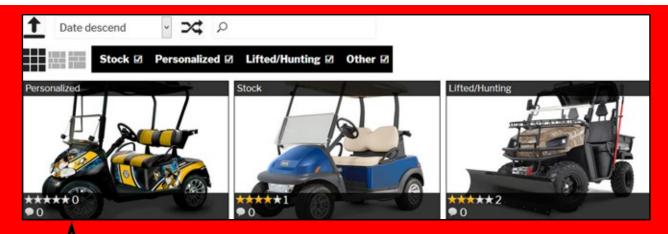
Harris says its overall response has been positive, but not without questions. She says the only pushback so far has come from older, more traditional driving companies.

"Taxicab drivers say we're taking all their money, but we don't have to charge everybody for everything," said Harris.

She says they plan to add up to 10 more Gest carts with day and night shifts, in turn bringing in more jobs.

She says now is the time for a ride-share that's safer for both passengers and for the environment.

"The air quality is really bad here, so why not now? Why not create or launch a ride service that can get people around and you're not polluting the air?"



# **RateMyGolfCart.Com**

We Know You Love Your Golf Cart... Now You Can Find Out What Others Think About It!

Featuring 3 Views | 7 Ways To Sort | 5 Star Voting | Comments Best of all: It's FUN and It's FREE!



### Take Your Golf Game of Trash Talk to a New Level and Bet on Having Lots of Laughs

You will have a blast with your golf buddies. Simply agree on a value for each chip before teeing off. Golfers wan the positives and avoid the negatives. New Grave Digger...takes you more than one shot to get out of the sand-trap. Your shot goes into the water - you get the water chip. Furthest from the pin on a Par 3...gets you the Beer Chip which puts you on the hook for a round when the Beer Cart comes by.



WWW.GOLFCAROPTIONS.COM

# The Golf Cart Chronicles

# A Compilation Of Humorous Golfing/Golf Cart Short Stories



# **ITSNEVER2LATEBOOKS.COM**

HUMOR • COOKBOOKS • SHORT STORIES • COLORING/ACTIVITY COOKBOOKS

# Mississippi Golf **CART** Laws & Regulations (What You Need To Know)

The great state of Mississippi has many rules and regulations that help to keep it a safe state.

Some of these come in the form of a golf cart and low-speed vehicle laws.

These guidelines help to keep drivers safe and regulate how golf carts are used.

Fully understanding them can keep you safe on the roads of Mississippi and make your visit or life there easier to handle.

#### The Federal Rules for Golf Carts

Let's start here by discussing the federal regulations for golf carts and low-speed vehicles. These impact how you register your low-speed vehicle and cause other complications that must be fully understood.

For example, the federal government does not regulate golf carts if they are incapable of reaching speeds of 20 miles per hour. By their rules, they are subject to state and local requirements.

However, these demands change if your golf cart is upgraded to a low-speed vehicle.

At this point, a car that can travel faster than 20 miles per hour but does not exceed 25 miles per hour is considered a low-speed vehicle.

This qualification is different than that of a medium-speed, which can reach speeds of up to 35 miles per hour.

The rules for those vary based on various factors. For now, let's focus on golf carts and low-speed vehicles.

Once carts fall under this heading, they must be tweaked and upgraded to make them safe for the road.

The federal government demands these changes as a way of protecting many drivers. For example, it will help the cart drivers and those on the road with them.

Upgrades that you need to add to your cart include:

- Headlights
- Taillights
- Stop lights
- Turn signals
- Reflex reflectors
- Parking brakes
- Rearview mirrors
- Seat belts for each rider
- Windshields

Vehicle identification numbers or a VIN These upgrades help to make a cart easier to spot when it is on the road.

They also make it easier for drivers to see other vehicles in rougher driving conditions. Beyond these upgrades, the federal government does little to regulate low-speed vehicles.

However, they do ban them from national and international highways. The top speeds here are too high and could be dangerous for golf carts.

#### Mississippi State Golf Cart Laws

Like all states, Mississippi has been left to its own devices when it comes to golf carts and low-speed vehicles.

Currently, the state has no laws on the books about golf cart. They have passed this duty on to local areas.

As a result, you need to pay attention to where you are located when traveling in Mississippi.

Not every town has made driving golf carts a legal activity. However, many started to do just that in 2018.

For example, Ocean Springs passed a law in that year that allowed golf carts to drive alongside cars on roads with a maximum speed limit of 30 miles per hour or less.

They asked that these carts include the upgrades necessary for federal low-speed vehicles.

That said, they do not demand

that you get a VIN for your car or that it reaches a specific speed.

Similar laws have passed in Diamondhead Ordinance, Pass Christian Ordinance, Pascagoula Ordinance, Bay St. Louis Ordinance, Waveland Ordinance, and Long Beach Ordinance.

Here's a list of the Ordinances:

- Pass Christian Ordinance
- Pascagoula Ordinance
- Bay St. Louis Ordinance
- Waveland Ordinance
- Long Beach Ordinance
- Diamondhead Ordinance

When visiting these areas, talk to the local law authorities to learn more about what you can and cannot do with golf carts.

As for low-speed vehicles, these must pass the federal safety regulations above and cannot travel outside of sunlight hours. These are defined as between the hours of sunrise and sunset.

However, local governments may change this ruling, if they like, allowing carts with the proper lighting to ride in their community.

Again, you need to talk to the appropriate authorities to find out if this applies to your area.

And all carts used as a lowspeed vehicle must reach speeds of 20 miles per hour but no more than 25 miles per hour over a one-mile stretch on a paved level.

Each must be inspected to meet Federal Motor Vehicle

Safety Standards, be under 3,000 pounds, possess a valid VIN, and have registration and licensing.

These facets help to make your cart legal and more comfortable to ride without legal troubles.

Other rules to consider include being incapable of riding on roads with a limit over 35 miles per hour, the ability to cross state roads at designated intersections, and the necessity for a driver's license.

A permit won't do – you'll need a valid and up-to-date driver's license to control a low-speed vehicle.

You also need insurance, including liability and collision protection, to keep you and other riders safe on the road.

However, you can get more intensive coverage, if you want.

That type of policy isn't strictly necessary, however, and may cost more than it is worth for your protecting your cart.

Federal Golf Cart Laws Click Here

#### Helpful Links billstatus.ls.state.ms.us

#### Disclaimer

Because local and state laws can change, we recommend that you perform your research and check with your local municipality on rules as well.

64

# What is the Significance of 10L0L or 10LOL?

Yesterday afternoon, our whole office is burst into laughter for an interesting misunderstanding. In a thread on Facebook, our customers discussed our brand name is 10L0L or 10LOL. (Click here to read the thread)



1. Is your brand named 10L0L or 10L0L?

Actually, the middle of our brand name is the number "Zero" instead of the letter "O". Yeah, we are 10L0L! We totally understand how did people come up with 10L0L Hahaha By the way, the pronunciation of our brand name is "One hundred double L".

# 2. What is the significance of 10L0L?

100 means 100 points in China same meaning as A+ in the US. We hope to pursue excellence, provide 100 points of products and 100% satisfaction of services for each of our customers.

# 3. Do you mind if we call you 10LOL?

Of course not, it is OK to remember us as "Ten LOL"! We think this is an amazing collision of two cultures and also the great integration of the unique diversities. LOL is commonly known as an initialism for laughing out loud and we hope everyone buys products from 10LOL to get Ten Times Happiness. PS: Thanks LOL, it helped us gain broader exposure and make our brand name easier for everyone to remember. Meanwhile, we have that kind of confidence to make you guys gradually remember us as 10L0L by always providing high-quality products and excellent service for all golf cart lovers.

# 4. What is the implication of your logo?

In terms of logo design, the earth represents 10L0L products sold globally and our ambition is to provide customers in every corner of the world with 10L0L products. In addition, the overall shape of 10L0L is like a golf cart, representing our infinite love for this field and our development in the golf cart industry.

Does the above information not clear up your confusion? What else do you want to know about our brand and company? Leave us a comment or message us! We look forward to sharing with you!

# BEVONDTHE Gated



# The Evolution of Skills and Technology as PTVs Hit Public Roads in Greater Numbers

Most residents of most gated communities know what a PTV is. They also know that a PTV can be a certified LSV with a VIN number or can be upgraded to meet all LSV requirements. And there are many such upgrades, or even factory fresh vehicles with all LSV requirements, but do not come with a VIN number.

Securing a VIN may cost you extra dollars, but in most States you need the VIN in order to have legal access to public roads. As PTVs become more accepted as a component of the culture of American mobility, however, non-LSV certified vehicles are seen on the street. Complimenting this trend, on the other hand, are two offsetting factors which lend themselves to greater safety whether LSV-certified or not:

- Consistent upgrades in quality, such as four-wheel disk brakes, rack and pinion steering, and more powerful lighting and lighting kits;
- Passive safety features which mitigate against accidents and injuries. Examples are safety belts, automotive grade wind-

shields, turn signals, back-up cameras, and side mirrors.

Of course, all current models do not have the full array upgrades, but as PTVs are now the major revenue producers for golf car manufacturers, as opposed to fleet sales, the incentives are in place for continuing upgrades of a wide diversity of types, emulating on-road automotive features.

#### Proactive vs. passive safety features will be the new and on-going trend in PTV upgrades

In a column published previously to the current one, proactive safety protections were described. They include collision alert, front obstacle detection, automatic emergency braking, and lane departure warning and correction. These features not only enhance driver and passenger safety, but, critically, they will serve to extend the market for PTV-type vehicles well beyond the golf course and the staid confines of a gated community. Thus, the prospective market for PTVs will extend into non-traditional (for them) environments, such as suburban neigh-

# COMMUNITY

By Stephen Metzger Managing Director Small Vehicle Resource, LLC smetzger@smallvehicleresource.com www.smallvehicleresource.com



tems (ADASs), NHTSA's guidelines for these systems, as pertaining to conventional vehicles will be extended to personal transportation vehicles, as well as last-mile delivery vehicles.

At the moment we can speculate that golf car manufacturers have proactive safety features on the radar screen, but, so far, no models have been announced with this technology.

PTVs take to public roads in greater numbers. Proactive safety systems are essential for driver, passenger, and pedestrian safety.

Level 2 market entry from Taiwan-based Turing Drive

borhoods and inner cities.

The National Highway and Traffic Safety Agency (NHTSA) established broad guidelines for golf car-type vehicles operating on public roads, the well-known CFR 500.571. States and local jurisdictions can follow these regulations and do so, but often with modifications to suit local environments. The list of safety features for PTVs has increased over the years, and now, for example, includes a backup camera.

Of course, all these guidelines and regulations go to the need for greater safety for drivers and occupants and pedestrians. Thus, it is almost a certainty that as technologies become available in the area of advanced driver assistance sysWhile all driver assistance systems have hardware, consisting of detection devices, such as cameras or Lidar technology, along with actuators that mechanically function to control the vehicle, the heart of an advance driver assistance system is the software, which integrates signals from the external environments and generates commands delivered to mechanical components of the vehicle, such as brakes and steering.

Turing Drive produces a level 2 ADAS, which translates into enhanced, proactive safety features, but with the driver remaining in control. The functions provided in the Turing Drive ADAS product are outlined below.

#### **Turing Drive ADAS Technology for Golf Car-Type Vehicles**

Offline Functions*	Cloud	d Functions**
Collision alert/automatic emergency braking	Hazardous zone alert	Remote locking and unlock- ing
Precise vehicle positioning via sensor fusion technology	Geofencing	Event data recorder
Lane departure warning/assistance brak- ing	Lane correction	Front view video recorder

#### Source: Turing Drive

- \* Function capabilities within the golf car.
- \*\* Functions programmed external to the vehicle, which control vehicle operations.

Compare the Turing Drive ADAS safety features with those In the table below, as recommended by NHTSA for conventional, on-road vehicles:

#### **Collision warning systems recommended by NHTSA**

System	Purpose
Forward collision warning	Detects a potential collision with a vehicle and pro- vides a warning to the driver
Lane departure warning	Monitors the vehicle's position within the driving lane and alerts the driver as the vehicle approaches or crosses lane marker.
Rear cross traffic warning	Warns the driver of a potential collision, while in reverse, that may be outside the view of the backup camera.
Blind spot warning	Warns of a vehicle in the driver's blind spot

Source: National Highway and Safety Agency

As the market opportunity expands, proactive safety devices, such as those already defined by NHTSA will become commonplace as standard features on roadworthy PTVs. Companies that do not integrate these features in their vehicles will miss out in the emerging urban/ suburban mobility (USM) market. Which leads to a further question: Are there companies actively involved in developing ADAS technology for PTVs? Turing Drive from Taiwan is one of



What ADAS technology will help avoid. This technology will almost certainly become a requirement as PTVs take to public roads in greater numbers

these companies. Their technology is specially intended for integration in

# Factors that will drive the market

Looking at the prospect for expanded use of PTVs in urban and suburban environments, and as this trend develops, this will involve a growing presence on public roads. This, in turn, will come under the scrutiny of public officials whose responsibility focuses on the oversight of traffic flow and safety. Therefore, private sector participants, such as manufacturers and dealers, will increasingly have to conform to the rules and regulations promulgated by these public officials. In this context here are the key factors that will drive what can call the urban/ suburban mobility (USM) market:

• Effective interface and collaboration with public

officials in charge of traffic safety and control;

- New forms of mobility, including ride-sharing and, in general personal transportation vehicles as a on-demand, fleet service, replacing private ownership;
- The ability to reach all communities and neighborhoods in a city or municipality—that is, effective participation in equitable mobility; and finally,
- Clear demonstration that PTVs participating in this expanded market are safe and incorporate the latest and best ADAS technology.

#### Evolution of dealer activity and expertise: Will a national dealers association be the next step?

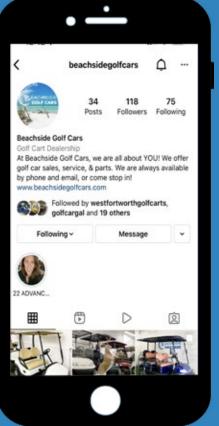
As final note, the use of ADAS technology and entry into the USM market is not simply an issue of product quality and sophistication. Dealerships and company dealer networks are the industry's foundation for sales and service. Taking the PTV of today to the next level will require an extensive effort, driven by corporate strategy and management direction, to educate and appropriately incentivize dealers in the requirements of this emerging market opportunity.

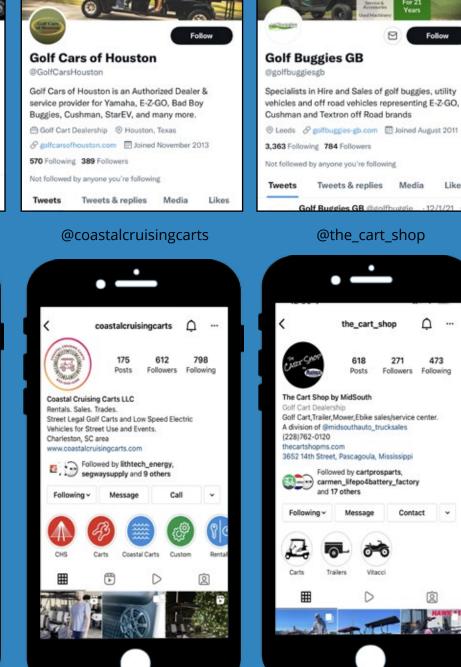
Aside from corporate vision and strategy implementation, look also for the emergence of a national dealers association. While having its own perspective on many issues, now and in the future, a national dealers association would insure that dealers and manufacturers effectively collaborate in a winwin process that can effectively build a model for growth and sustainability for the urban/suburban mobility market opportunity.

# tagues, #GOLFCAROPTIONEN Instagram THE SOCA and you just may see yourself featured here



#### @beachridesgolfcars





#### @the\_cart\_shop

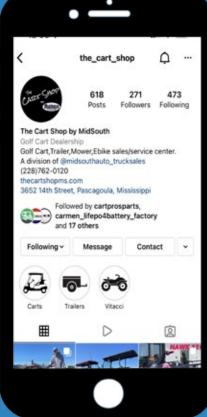
Media

Likes

10/1/01

2. C

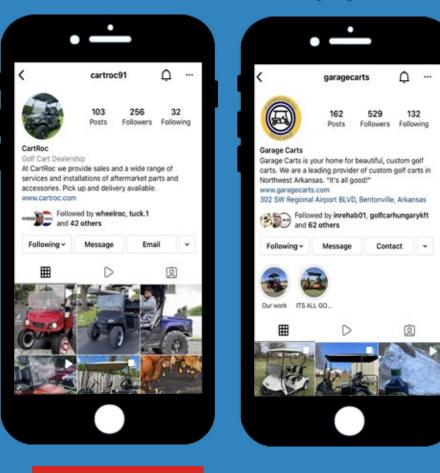
Follow

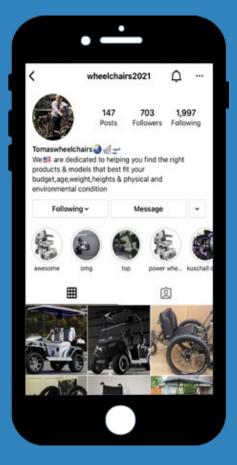


@ cartroc1

@garagecarts

#### @wheelchairs2021





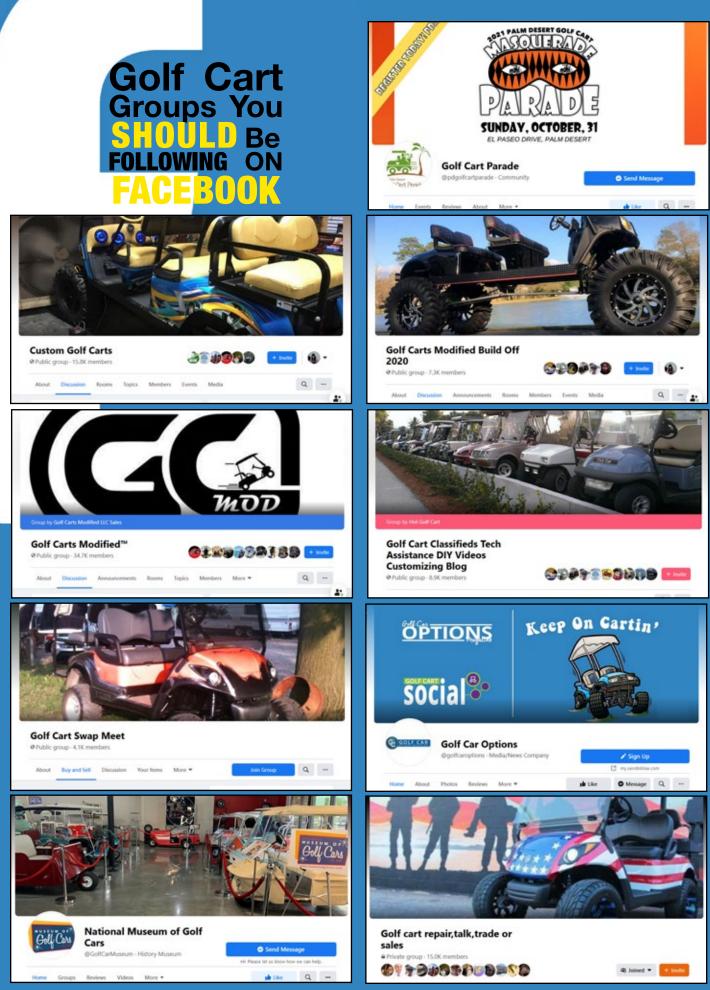


### Extreme Golf Cart Makeover

# You Tube

In the Season 1 FINALE of Extreme Golf Cart Makeover: Yamaha Drive Edition, Dave and Nick share a montage of the entire first season and reveal the Grand Prize Winner of the series Sweepstakes. We'll look at our Yamaha G29 transformation from golf course condition all the way up to full custom hero, see our Grand Prize Winner entry, and get a sneak peek at Season 2 EZGO TXT Edition, coming Spring 2022.





# YOUR SOURCE FOR DISCOUNT GOLF CART PARTS & ACCESSORIES.



For over a decade, golf cart owners have trusted Just Golf Carts as their source for discount golf cart parts & accessories:

- Thousands of parts and accessories for popular EZGO, Club Car and Yamaha golf cart models.
- Fast delivery with FREE shipping on orders of \$150 or more, including seats, cargo boxes, tires and wheels.
- Friendly, courteous customer service and sales assistance available by phone or email.

Choose from Thousands of Replacement Parts, Maintenance Parts, Accessories and Specialty Items including:



**Custom Seat Covers** 



Tires & Wheels



Lights & Mirrors



Golfing Accessories



Dashes and Stereos

Visit JustGolfCarts.com Order Online 24/7

Call 1-877-902-2787 Monday thru Friday 9 AM-2 PM Eastern



Your Source for Discount Golf Cart Parts & Accessories

## service, repair TPS & maintenance TPS

**OCTOBER, 2021** 

# Helpful Tips Turn Signal Installation

If you're going to be using your golf cart on the street – or if you just want to make your cart safer – turn signals are a necessity. Fortunately, you should be able to add turn signals to your golf cart with little difficulty.

All you need is a little knowledge of working with a handful of tools and how to safely connect wires to your cart.

#### What you'll need

Wire strippers Wire cutters Pencil Drill Drill bit Screws Screwdriver Turn signal lights Spool of wire Simple 3-way switch

WWW.GOLFCAROPTIONS.COM

74

# have a tip? send it to us at info@golfcaroptions.com



#### Step 1

Cut four six-foot lengths of wire from your spool of wire, using wire cutters. Strip off both ends of each length of wire with a pair of wire strippers.

#### Step 2

Hold the signal lights up against the rear of your golf cart where you will be installing them. Place the tip of a pencil through the mounting holes on the sides of the signal lights and color in these spots on the surface of the cart.

#### Step 3

Drill four small holes where you made the marks with the pencil.

#### Step 4

Attach one of the sections of wire to the wire leading from the rear of the turn light you are going to place on the left side. Repeat this for the turn signal on the right side.

#### Step 5

Hold the left turn-signal assembly to the rear of the golf cart. Secure the light by inserting screws in the holes and tightening them with a screwdriver. Do the same with the light on the right side.

#### Step 6

Run the wires leading from each turn-signal light to the three-way switch. Attach the left signal to the left terminal on the three-way switch. Connect the wire by wrapping it around the terminal. Attach the wire running from the right side of your golf car to the right terminal on the threeway switch.

Run a wire from the center terminal of the switch to the battery of your golf cart and connect it.

Have fun, be safe, and Keep On Cartin'.



# international

# GOLF CART HAPPENINGS in CANADA



Golfers can soon expect a greener ride through city-run courses.

Next year, the entire fleet of carts at Winnipeg's three municipally operated golf courses will be replaced with electric models.

"It's an enhanced golf experience... because the carts are smoother and they're quieter and just a more enjoyable ride over 18 holes," said Ben Fey, Winnipeg general manager of golf services. "(And) we're reducing our carbon footprint, we're saving on fuel costs."

Fey said the change will be permanent, as the city expects to extend the lease or switch to a new one after October 2025. Winnipeg has tested the green vehicles through a pilot project since 2019, mixing 13 electric carts in with the traditional gas-powered models at Kildonan Park Golf Course. That electric fleet later grew to 20.



Photo: https://www.winnipegfreepress.com

The electric carts are expected to reduce carbon emissions from the courses by 45 to 50 tonnes per year, while annually saving the city \$20,000 to \$30,000 on energy costs, Fey said.

Golf services will also spend about \$50,000 to upgrade storage facilities for the vehicles, which will include adding wall-mounted chargers.

"Our intention is to continue to move forward with moving the golf services operation in a green direction," said Fey.

Coun. Brian Mayes, who leads city council's environment committee, said the move is part of a larger push to battle climate change through greener power.





Driving the Future!

# SALES, SERVICE, PARTS, RENTALS

GOLFCARTPEOPLE.COM 780-430-0400 5525 92ST EDMONTON, AB

## CHRONICLES WELCOME TO GOLFERS HEAVEN (October 17)

Did you know that Cloud Nine is a special place on earth where golfers who want to play a real game of golf go to where there is no interference from fake golfers? What are fake golfers you ask? They are yahoos with no moral integrity. Self-entitlement gives them the right to play morally wrong golf as they wish without obstruction.

A STATE

Good times have a place in golfing but not at the risk of interfering with golfers who are there for the challenge and sport of the game. Our Cloud Nine Mountain Top Golf Facility offers you the best in honest to good golfing experiences.

When a golfer does not practice the moral qualities of how to conduct his/her self when playing the game of golf, it's like testing the depth of water with both feet. Who wants to play around in unknown water and risk drowning when golfing is the name of the game? Now, that you understand where I'm coming from let me say as the owner of **Cloud Nine Mountain Top** Golf Range facility; you are cordially invited to visit and play a free 9 hole round of golf. Start off at the first hole; we suggest you wear ankle-length slacks/trousers and wrist length shirts/tops (to prevent scratches and bites) to give you much needed protective comfort.

Our clubs and balls are larger. It's so simple to golf with friendly and challenging rock climbing demands. Take a fun-filled escalator ride up to the top of Cloud Nine Mountain Top and be surrounded by a stimulating fresh breath of atmospheric air. Our Angel clad caddies, management and groundskeepers are there to make your golfing adventure heavenly. We do apologize for not having the use of Golf Cars, but we do have trained piggyback personnel to carry you from one hole to another if desired. Their shoulders are double padded with soft cloudlike cushions to give you comfort while riding to play each hole.

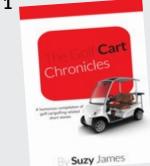
Drive a magnetic golf ball down our thousand foot high picturesque mountain into hole one. If you miss, no problem, climb your way down through the rocky path, dirt, picky bushes and wild animal obstacles to locate your magnetic ball.

Situate yourself on our sturdy trampoline putting green tee off station, give it a putt shot and drop that magnetic baby into the regulation five-foot diameter and two-foot deep metal cup.

Continue on down to play each hole while enjoying the spectacular cascading/ obstacle waterfall where you may stop, shower, take a water break, snack on a few of our free pastrami sliders and jalapeno chicken kebobs.

Please contact us at cloudninemountaintop.golfmail.fun to find out more about our unique golfing facility. Take advantage of our free 9 hole round of golf. See you soon, regards! Monty Everett-Owner

#### GOLF CART CHRONICLES



#### **Table Of Contents**

Chronicles 01 - Come Hell Or High Water Do Not Rent A Lucky Devil Golf Cart

Chronicles 02 - Golf Cart Deal Of The Century

Chronicles 03 - Golfing Disorder Therapy New Patients Welcome

Chronicles 04 - The Story Of Goofball And Golfball

Chronicles 05 - Golfers Get Out Of Debt, Dive For Golf Balls

Chronicles 06 - A Golf Widow's Nothing Better To Do Book

Chronicles 07 - Joe Brown Loses His Balls To An Alligator

Chronicles 08 - Let's Talk About Upbeat Golf Course Signs!

Chronicles 09 - Special Golf Getaway Offer

The Golf Cart Chronicles By Suzy James Series 1, 2 and 3 now available for purchase at www.itsnever2latebooks.com

### golf cart LIFE



Hundreds attend Ugly Sweater Golf Cart Poker Run

early 300 people in 200 golf carts attended the Canyon Lake Ugly Sweater Golf Cart Poker Run Saturday to help raise money for the fight against cancer in the Canyon Lake community

Carts proceeded to four stops during the evening event. At each stop, poker cards were received and winners determined from the various poker hands.

Carts started out at Stop One where a pancake breakfast was served and everyone received their first set of poker cards.

Next, the parade of golf carts headed to Bradley and Jonda Morton's home for Stop Two. Steel Canyon played a few songs while participants consumed homemade spiked apple cider and cinnamon rolls.

Stop Three was at Mike Reed and Heighly Leusch's home where tamales and margaritas were given to

all in the party. Stop Four was at The McKinnons home where they had a see-through dance deck placed over their pool and delicious goodies were served up.

Finally, the golf carts headed to the final stop at the Canyon Lake Lodge where poker hand winners were announced as well as ugliest sweater winners.

The event raised over \$7,000 for the community to address Cancer in Our Community. A special event is in the planning for 2022 for the Cancer in Our Community project.

"I want to thank everyone who attended and participated this year," Josh Steeber, one of the event planners, said. "I want to give a big shout out to all the hosts who did a wonderful job and this couldn't have happened without them. I am excited to now plan an event for Cancer in Our Community with all the proceeds we raised."

# industry NEWS

**Current Golf Car News** And Press Releases From Around The Industry

an 2022

#### DURABLE CONSTRUCTION



#### **DSG GLOBAL**

com

#### DSG GLOBAL INC TO INTRODUCE THE SHELBY OF GOLF CARTS TO THE WORLD MARKET

DSG Global (OTCQB: DSGT) today announced that it will introduce the new officially licensed

range of Shelby(R) golf carts to the world market. Golf carts haven't changed much in the past decade, with the exception of minor body panels and small lithium battery packs, and current offerings from the big three are underpowered and lack modern technology. In an effort to disrupt the golf cart market, Vantage Tag Systems, a division of DSG Global, is launching a line of highly featured, high-performance, officially licensed Shelby golf carts. According to the update, the volume-production carts have performance and convenience upgrades to ensure they truly are the "Shelby of Golf Carts." The following three models are available: Shelby GT-350(R), Shelby GT-500(R) and the ultimate in performance, the Shelby Cobra, which is up to 96% more powerful than a standard electric cart. See it here: https://acgolfcarts.com/



# industry NEWS

#### **SUITE SEATS**

SUITE SEATS RELEAS-ES CUSTOM GOLF CART REPLACEMENT SEAT FOR THE NEW YAMAHA DRIVE 2

Newnan, Ga. (November 14, 2016) – Yamaha Golf-Car Suite Seats recently began manufacturing custom golf cart replacement seats for the newly released Yamaha Drive 2. Designed to fit the updated

chassis on the new generation Yamaha Drive 2, these seats are a perfect complement for the new series QuieTech gas powered and PowerTech electric golf carts. Built with the same high-quality marine-grade substrate, biocide treated foam and marine grade vinyl Suite Seats is known for, dealers can now choose from 3 styles

of seating for the new Yamaha Drive 2 – the original Suite Seat, the comfortable and stylish Touring Edition, and the value-priced OEM Legacy Line. Every style of seating is available in 40 standard colors and can be easily customized

with a wide variety of options in just 10 working days. Suite Seats are sold through a network of over 700 dealers in the United States. For more information on becoming a dealer, call 507-359-2277 or visit www. ucuinc.com.

#### **TRIAD PRO**

#### TRIAD PRO INNOVATORS, INC. PROVIDES SALES, DISTRIBUTION, AND PRODUCTION UPDATE FOR SPREE SOLAR-POWERED GOLF CARTS

Triad Pro Innovators, Inc. (OTC PINK: TPII) is pleased to provide a progress update on the sales, distribution, and production of its SPREE solar-powered golf carts—the world's first solar-powered golf cart.

After entering into a distribution agreement with Phoenix-based San Tan in September, the company is pleased to announce that the initial response to the SPREE has been overwhelmingly positive.

Company CEO Murray Goldenberg stated, "San Tan has started to accept delivery of production units and is anxious to receive additional carts, which are being completed." The company forecasts an initial demand of approximately 300 units per year through San Tan, delivering an incremental boost to its existing direct sales channel.

The company is now actively pursuing additional distributors to add to its national network as it prepares to ramp up production at its new Las Vegas facility.

Murray Goldenberg notes, "Supply chain issues caused by port backlogs have been a major impediment to bringing additional SPREE units onto the market. Without the timely delivery of vital components, we've had to hold back on generating demand that we couldn't meet."

"Now progress is being made in clearing port backlogs, we have confidence in our ability to meet demand and are now scaling up sales and production efforts in response," Goldenberg continued.

The golf cart market is expected to reach U.S.

\$2.52 Billion by 2026, according to Mordor Intelligence. The company is confident that SPREE's market-leading benefits will enable it to capture a significant portion of this.

Big interest in fast-charging eCell technology that outlives the life of the cart

"As word of mouth spreads, customer interest in our solar-powered SPREE golf cart is growing due to the unbeatable advantages it has over traditional golf carts," said Murray Goldenberg, CEO of Triad Pro Innovators.

"Besides its solar charging ability, one of the main factors driving interest in the SPREE is our maintenance-free eCell technology which delivers 30,000+ recharge cycles. This allows the eCell to outlive the life of the cart. Golf courses and other frequent use operators are quick to recognize this as a major advantage over traditional battery banks that require ongoing maintenance and replacement throughout the life of the cart," Goldenberg added.

About Triad Pro Innovators, Inc. (OTC PINK: TPII):

Triad Pro Innovators, Inc. has developed a proprietary device to be utilized in a variety of



Triad Pro Innovator's SPREE golf cart is generating significant customer interest.

circumstances to store electricity. The newly developed Triad Pro power supply provides our storage system with tremendous operational flexibility. Using our propriety hardware and software solution, our eCell can be configured to store energy at a rate limited only by the network providing it, and then release that energy in a regulated way based upon the application, which allows for flexibility unknown in current chemical battery-based storage systems. Triad Pro creates and designs renewable energy solutions including Co-Generation and the patent pending eCells that can be used stand alone or modular as energy demands increase.

**CONTACT:** info@triadpro.com 714.790.3662

#### **BUDGET GOLF CART RENTAL**

#### DEBUTS NEW CUSTOMIZED GOLF CARTS, ADDS PICK-UP AND DROP-OFF SERVICES

Budget Golf Cart Rental is pleased to announce that it has updated its inventory by adding new customized golf carts to its already impressive array of reliable golf cart automobiles. Describing itself as a customer-centric company, Budget Golf Cart Rental says it was founded to meet the needs of visitors to Ambergris Caye, by providing a stress-free golf cart rental experience, specifically curated to make all guests feel like royalty. And to make the experience more convenient, the company has added a pickup and drop-off service to its offerings, which will allow customers to receive and return rentals directly from their hotels, condos, Airbnbs, and resorts on the Ambergris Caye.

Budget Golf Cart Rental is a 100% Belizean family-run business created in 2013. With two locations in the town of San Pedro, the company has earned the reputation as one of the best providers of pristine customer service to tourists and visitors of Ambergris Caye.

Regarding the quality of its golf automobile, Budget Golf Cart Rental relies on the services of Club Car which is recognized in the United States for its durability, reliability, and multipurpose use. Its 2021 model vehicles are some of the most impressive models available on the market, and the company insists that maintenance of the cart is run using genuine parts provided by Club Car, to ensure maximum safety and dependability. Perhaps the most interesting feature of Budget Golf Cart Rental is its ability to offer such an amazing and all-inclusive service, at one of the cheapest rates available in San Pedro. Just as the name implies, Budget Golf Cart Rental is pocket-friendly and fits perfectly into any budget – letting tourists easily rent golf carts for months, weeks, days, and even for just a few hours. Rentals go for as low as \$15 on the 4 seaters, and about \$40 on the 6 seater golf carts. Bookings can be made online, and the company receives payment through visa and master cards.

Contact

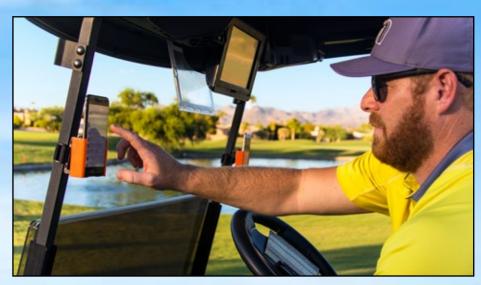
Budget Golf Cart Rental, Belize https://ambergriscayecartsbelize.com/

#### **DESERT FOX GOLF**

#### GET DIALED IN WITH DESERT FOX'S PHONE CADDY

We've all sent a text in between a shot or posted a picture of a daring hole-in-one on the course. The phone then either resides on the seat of the cart, in the cupholder, or in the storage areas near the steering wheel sliding around and scratching the phone. Desert Fox Golf knows the program which is why the group invented the Phone Caddy.

Secure your device to a golf cart with Desert Fox's patent-pending technology. The caddy fastens to the cart with its adjustable velcro strap to fit any cart and any modern phone. The product comes in many different colorways,



designs and quotes.

The rubber pads of the caddy keep your phone safe and easy to use while freeing up those cup holders and storage areas. Magnets are a common alternative, but phones easily come off the magnet and go flying from the cart. The placement of the phone caddy makes using all your golf apps a breeze. There are many different apps that give you distances to pins and tell you what you're up against on each hole. The caddy conveniently displays all the information without any hassle. Visit www.desertfoxgolf.com

#### FAT TIRE GOLF SCOOTER

#### THE LEADER IN SINGLE RIDER GOLF CARTS

Fat Tire Golf Scooter has become the leader in Single-Rider Golf Options. Featuring 4 models at the 2022 PGA Show to satisfy golfers of all levels of agility, while allowing social distancing and faster speed of play.

The new Fatboard-Golf 2-wheel stand-up scooter appeals to the younger, more athletic golfers. The large tires glide effortlessly over any terrain, while its light weight and fat tires help protect the turf. 2000 watt motor and 20ah lithium battery. Retail price is only \$2999.

The Cruiser 3.0 is the highest quality 2-wheel golf scooter on the market. The 3000 watt motor, paired with a high-quality, high-torque controller, provides excellent hill-climbing power. Motorcycle style front end, rear suspension, and 13" chrome wheels provide the smoothest ride, and the 25ah lithium battery keeps you on the course for up to 36 holes. Retail price is only \$3899. The Rebel Tike provides the single-rider experience to a much larger demographic of golfers. Without needing to balance or activate a kick-stand after stopping, it is much easier ride and just concentrate on your game. The high-torque geared motor provides excellent hill climbing with low power consumption, and the dual 20ah lithium batteries provide for more than 36 holes on a charge. Large chrome rims with Kenda golf tires and multiple fender color options. Retail price is only \$3999.

The new SR4 Single-Rider golf cart is perfect for those wanting the benefits of single-rider but still want the traditional look and feel of the golf cart. Fea-



turing a smaller platform (72" long x 38" wide) with multiple upgrades including Curtis programmable controller, engine braking for downhill safety, auto brake lock when parked, chrome rims with Kenda Pro Turf Tires, flip-down windshield, mirrors, upgraded seat, cooler, and a 60ah lithium battery. Retail price is only \$5999.

More info at fattiregolfscooter. com or see us at the 2022 PGA Show at booth number 2848. pimmordino@ngsassoc.org

#### YAMAHA GOLF-CAR COMPANY

#### YAMAHA GOLF CAR OPENS SPECIALTY VEHI-CLE & DISTRIBUTION CENTER – PALMETTO, GEORGIA

The Yamaha Golf-Car Company (YGC) hosted a grand opening event yesterday for its brand-new YGC Specialty Vehicle & Distribution Center – Palmetto. This event was open to all YGC team members and additional key members from various third-party companies, other Yamaha business units, and local media. Guests were welcomed to explore the facility, take a formal plant tour, and see the countless improvements that have been made to YGC's overall production.

Located about 10 miles northeast of YGC's original facility, Yamaha Motor Manufacturing Corporation (YMMC) in Newnan, Ga., this new Palmetto location provides more opportunity for the growth of YGC's future business. In YGC's previous manufacturing location, it slowly outgrew its limited space and needed to find a new site that would accommodate its goals of streamlined production, improved shipping efficiency, and more. All YGC production team offices are now in one central location that allows for improved communication, which is a stark

#### YAMAHA GOLF-CAR COMPANY

contrast to its three separate buildings back in Newnan.

The Palmetto location is comprised of a total of 250,000 square feet, with the ability to expand. The Palmetto facility can accommodate the increasing demand of the golf car business. Palmet-



ndustry NEV to now offers the space needed for YGC to bring in a used car operation, purchase material directly from suppliers, and provide proper storage for both parts and vehicles. Previously in Newnan, completed vehicles were stored outside and subject to the weather; Palmetto provides various indoor storage enhancements that improve the overall presentation of cars to customers, saving on scrap and rework due to fading, water damage, etc.

YGC also commissioned the help of Georgia Institute of Technology to ensure the new layout and flow of the cars, materials, etc. were optimized to be as efficient as possible. Labor requirements are reduced due to the restructuring of the assembly line, the workforce no longer needing to wash and clean as much or work outside in the elements. Additional trailer spaces, dock doors for unloading material, and dock doors for shipping/loading directly from inside the plant allow YGC to facilitate the safe movement and production of more product. "YGC's new Palmetto operation along with our new, online Business Portal, complete with build-your-own functionality, will allow us to expand and improve our operations. This helps us meet our goals of making it easier and more efficient for our customers to do business with us," says Doug Griffin, YGC's Chief Operating Officer.

YAMAHA GOLF-CAR COMPANY

The Yamaha Golf-Car Company builds from the 60-plus-year legacy of the Yamaha brand to manufacture the most innovatively engineered and highest quality golf, utility, and specialty vehicles in the golf industry. Yamaha Golf-Car Company is headquartered in Kennesaw, Georgia with assembly and production of all cars taking place at our Newnan, Georgia production facility. Yamaha was the first to develop Electronic Fuel Injection technology in a golf car (producing the best gas mileage and smallest carbon footprint); the first golf car with fully independent, four-wheel suspension (producing the smoothest ride in the game); and the first gas-powered car that is almost as quiet as an electric one.





**ZCare** LVP Golf is specially formulated to clean all surfaces on a golf cart. From top to bottom, one product is all you need. **ZCare** LVP Golf is excellent at removing black streaks, rust stains, sap and pollen, bird and spider droppings, mildew stains and more from cart surfaces. Whether you have one cart or a fleet of carts, **ZCare** LVP Golf will save you time and protect your investment. This stuff works... GUARANTEED!

Black Friday Special: Buy a 3 pack of **ZCare** Golf Cleaner Quarts and get free shipping via a medium flat rate USPS box for \$49.95.+ Tax. **ZCare** single quarts are also on Amazon for \$15.99.

> Contact: don@zcare-cleaners.com 877-710-6957 | zcare-cleaners.com

## Do you wanna know what the inside of a RELiON InSight Battery looks like?

#### LET'S GET TECHNICAL

With more lithium products entering the marketplace, it can be difficult to determine which may be the best option for you. At RELiON, you can expect superior products built with quality components, engineered from the ground up by the industry's leading lithium experts. CLICK TO SEE >>



INSIGHT 48V



New Clear Lake ordinance would require seat belts for all rear-facing seats on golf carts

#### f you're an owner of a golf cart in Clear Lake, you may be in need of updates to it.

During a Clear Lake City Council special session meeting Monday, council members reviewed an amendment to the current ordinance on operating golf carts within the city.

A handful of changes were proposed, with the most significant being a requirement to add seat belts to any rear-facing seats on golf carts. Any person under the age of 18 would also be required to wear a seat belt at all times when sitting in a rear-facing seat. The amendment to the current ordinance was proposed by Clear Lake Police Chief Pete Roth.

The topic originally came up at a council workshop meeting earlier in November, when members of the council raised concerns about the safety of golf-cart use within the city. Council member Bennett Smith confirmed with Roth that for owners to be granted a golf-cart permit for the year, a seat belt for rear-facing seats would be required under the proposed amendment to the ordinance, regardless of whether the seat is ever used.

"What we find is that you may have a long lost relative show up and want to borrow your cart, and want to ride with somebody," Roth explained.

If a cart isn't already equipped with a seat belt, it doesn't necessarily mean anyone would need to buy a whole new golf cart.

Skip Miller of Miller & Sons Golf Cart in Britt said that adding a seat belt to rear-facing seats in a golf cart is something that can be done, noting that the cost of the update would differ from golf cart to golf cart. Another amendment proposed to the ordinance is to clarify the language regarding the riders on the golf cart. The number of people who can ride in a golf cart would remain the same, which is the max capacity allowed by the manufacturer, but language would be added to denote that riders cannot be seated on the lap of another person in the cart.

Alongside the proposed changes the cost for a yearly permit would increase to \$40 from the \$25 it sits at now. Fines may also increase for those improperly operating their cart. The updated fine for violations are \$105 for a first offense, and \$150 for a second or subsequent offense.

"The popularity of this mode of transportation has increased," Roth explained on why the price of permits increased. "The number of staff, time to inspect, process and approve (permits) has increased with that."

"I don't think it's a big secret that... I've had concerns about what we had on the books, and most of that had to do with safety." Callanan said. "I'm just thrilled to get it to this point — I know not everyone will be thrilled with the change — but I stand by the safety features of it."

Those comments were backed by council member Gary Hugi. "Mike (Callanan) and I have talked about this for the past five years, and I support this 100 percent," Hugi said. ABOUT MILLER & SONS GOLF CARTS

We're passionate about providing you with exceptional service and top-of-the-line golf cars . Check out these highly recommended golf cars when you visit us. You'll get competitive rates on our used golf cars. You're destined to find the perfect vehicle for your needs at Miller & Sons. We'll help you find the ideal option for any need. With over 400 golf cars to choose from, you'll find exactly what you need when you visit Miller & Sons Golf Cars. Check out our current inventory today. Our golf cars offer you everything you need within your budget. Shop from our large selection of new golf cars to find the one that meets your needs. Use them around the golf course, within a small community, or even on the farm. Trust our experienced team to help you select the right one. We stock a number of name brands and models of golf cars. However, we often recommend E-Z-GO golf cars. These highly reliable vehicles are often exactly what our clients are looking for. Talk to our trusted team about your options. We offer a variety of leasing options to meet your specific needs. Try our seasonal lease route. With our full menu of leasing options, you'll get what you need and competitive rates to go with it. Why not experience the benefits of having a personal golf car without having to actually purchase it outright? We work with individuals, golf courses, and the retail market. Visit www.millergolfcars. com.

The first reading of the amendment to the ordinance was approved unanimously by the city council, 5-0.

City administrator Scott Flory said that the ordinance will have its second reading in the city council meeting on Monday, Dec. 6, and its third and final reading on Monday, Dec. 20.

If the amendments pass, the changes would go into effect beginning Jan. 1, 2022.

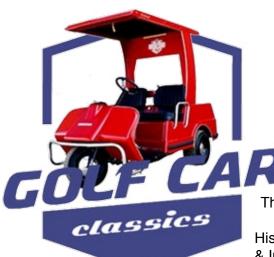


#### Are you a golf cart manufacturer and would like to be listed? Contact us at info@golfcaroptions.com

Manufacturer	Website
American Custom Golf Cars	acgcars.us
Advanced EV	advancedevusa.com
Aetric NEV	hahmev.com
AGT Electric Cars	agtecars.com
American Landmaster	americanlandmaster.com
Arcimoto Electric Vehicles	arcimoto.com
Atomic Electric Vehicles	atomicelectricvehicles.com
Beast 48	beast48.com
Bintelli Electric Vehicles	bintellielectricvehicles.com
Breeze Carts	breezecarts.com
Caddyshack Golf Carts	caddyshack1.com
Cazador Motorsports	cazadormotorsports.com
Chappy Carts	chappycarts.com
Club Car	clubcar.com
Cricket mini Golf Carts	cricketminigolfcarts.com
Crown Carts	crowncarts.com
Cruise Car	cruisecarinc.com
Eagle Products	eagleproducts.us
EV Titan	evtitan.com
Evolution Electric Vehicles	evolutionelectricvehicle.com
E-Z-GO Textron	ezgo.txtsv.com
Garia	garia.com
Gem/Polaris	gem.polaris.com
Goggo USA	goggocar.com
Green Machine Carts	greenmachinecarts.com
HuntVE	huntve.com

#### To See A Preview of One of the Manufacturers Carts Visit www.golfcaroptions.com

Manufacturer	Website
Icon Electric Vehicles	iconev.com
Italcar Electric Vehicles	italcar.com
Lion Electric Vehicles	lion-ev.com
Maverick Golf Cart	cmogolfcarts.com
MD Carts	md-carts.com
Mid South LSV	midsouthlsv.com
Mobi G	mobigolfcart.com
Moke	mokeamerica.com
Momentum Motorwerks	momentummotorwerks.com
My Electric Vehicle	myelectricvehicle.org
Olympus LSV	olympuslsv.com
PilotCar EV	pilotcarev.com
Quickie Carts	quickiecart.com
Royal EV	royal-ev.com
SC Carts / NXT	sccarts.ca
Spree Golf Car	spreegc.com
Star EV	starev.com
Streetrod Golf Cars	streetrodgolfcars.com
Tomberlin USA	tomberlinusa.com
Trojan EV	trojanev.com
United Smart EV	unitedsmartev.com
Vantage Tag	vantage-tag.com/products
Vitacci Golf Carts	vitacci.com/golf-carts/
Yamaha Golf Car	yamahagolfcar.com
Ziggy Wheels	ziggywheels.com



The #1 Hardcover Book Documenting The History, Design, Evolution & Innovation Of Golf Cars Between 1949-1969 By Ron Lyons

ne of the first electric car manufacturers, the Autoette Company of Long Beach, CA, in 1953 expanded their operations to include the "Golfmobile". An ailing Bob Jones would ride one navigating his way around Augusta National during the Masters. Although he wasn't playing golf, the sight of Jones riding in a specialized golf car must surely have lent support to those who believed it deserved a place in the game. As a result, a significant number of courses began allowing them. Some required a physician's note before granting the privileged, akin, perhaps, to receiving medial marijuana prescriptions today. Given the



membership of most clubs, it's likely that many golfing physicians were more than willing to write a note for one of their friends.

At the same 1953 Masters a pair of ambitious brothers, Billy and Bev Dolan, happened to be watching when Jones drove by. Bill leaned over and quietly told his brother: "One day someone is going to make a lot of money off these things." A short time later, with 200 dollars between them, they started the E-Z-GO Golf Car Corporation in Augusta Georgia.



The first E-Z-GO golf cars, dubbed the Model 100, were built using surplus 24-volt electric motors originally intended to power wingflaps on the B-17 Flying Fortress. From those humble beginnings, E-Z-GO has grown into a global leader in the design and manufacture of light-transportation vehicles.

Golf Car Classics, the book, is the perfect addition to your coffee table or office. Makes a great gift too. Order yours HERE

## advertiser **LISTING**

10L0L
Build Your Golf Cart Software
C&S Custom Golf Carts
Carts Gone Wild53
Converted Carts
Custom-Inc16-19
Dash-Liner28
Desert Fox Golf
Eagle Products

G Boost Technology
GMT
Golf Car Classics53
Golf Cart People77
Golf Cart Social46-47
Golf Cart Stuff 42
GolfCarGraphics.com94
GolfCartDog.com94
Great Day Inc94
HD Golf Wheels 29
itsnever2latebooks.com 62
Just Golf Carts73
Lazy Life Seats + Covers 2
M&M Vehicle Corp24-25
MagStrapz94
National Museum Of Golf Cars
Nordic Plow 9

#### Click the page to go to their ad

Peddle Master	37
RateMyGolfCart.Com	61
RELION Battery	8
SafeVuu	27
Small Vehicle Resource	77
Star EV	3
Suite Seats	95
TNT Golf Cars	27
Towel It Up	
Trojan Battery	21
Trojan EV	4-5
US Battery	
Vegas Carts	34
Vegas Golf The Game	
Winters Recreation	52
X-iT Outdoors	37

Contact us about how you can save 50% on advertising: info@golfcaroptions.com



2 Children Hospitalized after Golf Cart Crash on Cerveza Baja Drive [Hidden Meadows, CA]

HIDDEN MEADOWS, CA (November 30, 2021) – Monday afternoon, two children suffered injuries in a golf cart crash on Cerveza Baja Drive.

According to reports, a golf cart with six passengers fell on North County Road. Moreover, the incident occurred at about 2:25 p.m. on Cerveza Baja Drive, close to Mountain Meadow Street.

Then, reports confirmed that the golf cart driver misplaced management and overturned the cart to the facet. Also, CalFire spokesman Frank LoCoco confirmed that one person was trapped beneath the cart. Meanwhile, the six were thrown off. Furthermore, the trapped person suffered critical injuries and was airlifted to the hospital. Meanwhile, an ambulance transported the second patient to the hospital.

Moreover, the other passengers were launched to their parents.

# classified ads





- -

#### Mark Haugstad owner

612-584-0233 mark@buildyourgolfcart.com www.buildyourgolfcart.com

BYGC Software Web App - Lead Generating Tool Website Development | Web Maintenance Web Hosting & SSL | Website Health Reports Search Engine Optimization

#### Daren Anderson FOUNDER

910-724-3412 Daren@andersongolfideas.com PO Box 4586 800 St. Andrews Dr. Suite 221 Pinehurst, NC 28374



#### GolfCartDog.com





Pet Safety Options for Golf Carts & ATVs

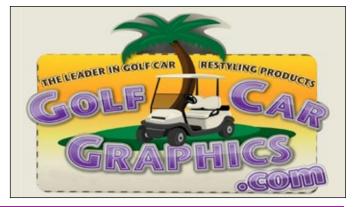


#### **Ilar Paul Meeks** President

ipmeeks@greatdayinc.com (318) 574-5003 ext131 Toll Free: 1-866-649-1918 Cell: (601) 630-7792 www.GreatDayInc.com 604 Kimbrough Dr. Tallulah LA 71282







To place a \$25/month ad contact info@golfcaroptions.com

THE ORIGINAL



THE CHAIRMAN





#### THE VIP

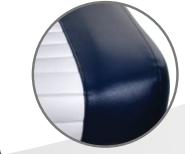
LEGACY LINE

The Suite Seats Twist on OEM Style Seats

#### **Get Custom Seats** at **OEM Replacement Prices**

- Includes standard OEM cart colors
- · Available in both pleated and non-pleated
- · Choose from 4 stylish designs and over 40 colors
- Fast delivery with two weeks or less lead time
- Superior craftsmanship and comfort

#### Virtually unlimited colors and textures



Our seats are contoured to give you the comfort and quality you've come to expect from Suite Seats!











## Boost your cart's performance with a proven Clutch Calibration Kit from GBoost!

Are you running large tires? High speed gears? Are you looking to increase your cart's torque and throttle response? Let your cart perform to its full potential with a Clutch Calibration Kit from GBoost!

- Designed for carts that require more belt squeeze to eliminate slippage, allowing better backshift and downhill engine braking!
- Our kits keep the clutching in the correct ratios to make sure the cart always has power available for various applications including hilly terrain, heavy workloads, and carts that are struggling to accelerate.
- All kits come with our high-quality Severe Duty drive belts, which have the latest technology in the industry!

Be sure to check out our newly updated website.

218.454.4584 GBoostTechnology.com