

VEVOR

Affordable. Reliable. Home Improvement.

GOLF CART WHEELS

MODEL: 18×8.5-8 / 205/50-10 / 20×10-12

VEVOR Support Center



18×8.5-8



205/50-10

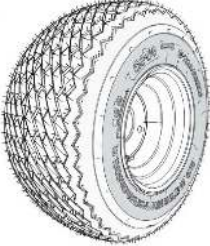

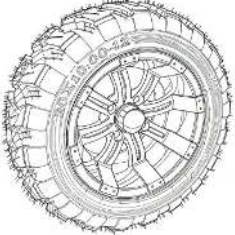


20×10-12

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MODEL		
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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.



Warning-To reduce the risk of injury, user must read instructions manual carefully.

WARNING:

PLEASE READ AND UNDERSTAND ALL SAFETY RULES BEFORE ASSEMBLY AND USE OF THE GOLF CART WHEELS.

RULES FOR SAFE OPERATION:

1. Never exceed load capacity: Each golf cart wheel is rated for a specific weight limit. Overloading can cause wheel deformation, tire blowouts, or loss of control, leading to crashes.

2. Avoid high speeds on uneven terrain: Golf cart wheels are designed for low-speed use on smooth, paved golf course surfaces. Driving at high speeds over gravel, bumps, or rough ground increases the risk of wheels slipping, tipping, or sustaining structural damage.

3. Keep hands, feet, and clothing clear of moving wheels: Never reach near or touch wheels while the cart is running—rotating wheels can catch clothing, fingers, or limbs, causing severe injuries. Ensure all passengers (especially children) keep their body parts inside the cart at all times.

PRECAUTION

The operator must be equipped following prevention standards and must take the necessary actions to maintain safety. During manoeuvres, the operator must protect their own safety and others' safety. The operator must take into consideration all the recommendations quoted in this manual.

Save the instructions

SPECIFICATIONS

Model	18×8.5-8	205/50-10	20×10-12
Rim Diameter	8in	10in	12in
Tire Diameter	18inch	18.7inch	20.7inch
Section Width	8.5inch	8inch (205mm)	10inch
Pitch Circle Diameter	4 inch	4 inch	4 inch
Center hole	2.8 inch	2.75 inch	2.75 inch
Max. Load Capacity	800lbs	675lbs	800lbs
Maximum Pressure	22 psi / 0.152MPa	30 PSI / 0.2MPa	20 PSI / 0.138MPa
Rim Width	7inch	7inch	7inch
Speed Symbol	/ (20km/h)	B (50km/h)	B (50km/h)
Aspect Ratio	/	50	50
Vehicle Service Type	ATV, Go Kart, Golf Cart, UTV (EZGO-Marathon, RVX, TXT;WORKHORSECLUB CAR-TEMPO, PRECEDENT; YAMAHA-G29 DRIVE&DRIVE2, ALL G SERIES)		

INSTALLATION GUIDE:

Pre-Use Safety Inspection Measures

1. Wheel Appearance and Structure Inspection

- Check each rim one by one for damage such as bending, cracks, and rust. If the rim edge is deformed or cracked, immediately stop using the cart and replace the rim to prevent the wheel from falling off due to rim breakage during driving.
- Inspect the tire tread and sidewall: The tire tread depth must comply with the manufacturer's specifications (generally not less than 1.6 mm). If there are obvious cuts, bulges, or embedded foreign objects (such as nails, stones) on the tread or sidewall, repair or replace the tire in a timely manner to avoid tire blowouts.

2. Tire Pressure Inspection and Adjustment

- Use a professional tire pressure gauge to measure the tire pressure, and ensure it matches the recommended pressure value specified in the golf cart manual or on the tire sidewall (usually 15-25 PSI, subject to the specific model).
- Do not operate the cart with overinflated or underinflated tires: Overinflation will reduce the tire's contact area with the ground, increasing the risk of blowouts due to uneven stress; under-inflation will increase rolling resistance, causing the tire to overheat and accelerate wear.

3. Fastener Tightness Inspection

- Check the tightness of wheel lug nuts or bolts. Use a torque wrench to re-torque them to the value specified by the manufacturer (typically 35-50 N·m). Do not use excessive force to avoid damaging the threads, and do not leave them loose—loose fasteners may cause the wheel to wobble or even detach during driving.

1. Preparation Tools

- Socket wrench set (17mm-19mm, matching rim bolts)
- Torque wrench (30-80 N·m range)
- Hydraulic jack and heavy-duty jack stands (rated for golf cart weight: 500-1,200 lbs)
- Wire brush (for cleaning axle hubs and bolt threads)
- Tire pressure gauge (0-50 PSI range)
- Wheel chocks (rubber or metal, for securing opposite wheels)

2. Step-by-Step Installation

(1) Secure the Golf Cart

Turn off the golf cart (engine for gas models, power switch for electric models) and engage the parking brake. Place wheel chocks firmly under the wheels that are not being replaced to prevent rolling.

(2) Lift the Cart Safely

Position the jack under the cart's frame (near the target wheel; avoid lifting by the axle or suspension). Lift the cart until the wheel is 2-3 inches off the ground, then slide jack stands under the frame for stable support. Never rely solely on the jack during installation.

(3) Remove the Old Wheel Assembly

Use the socket wrench to loosen the rim bolts in a crisscross sequence (e.g., top-left → bottom-right → top-right → bottom-left) to avoid axle warping. Once loose, fully remove the bolts and carefully pull the old wheel assembly off the axle hub. Set it aside in a safe, flat area.

(4) Clean the Axle Hub

Use the wire brush to remove rust, dirt, or debris from the axle hub's mounting surface and bolt threads. Wipe the hub with a clean cloth to ensure a smooth, secure fit for the new wheel.

(5) Install the New Wheel Assembly

Align the bolt holes on the new wheel's rim with the holes on the axle hub. Gently slide the wheel onto the hub, ensuring no gaps exist between the rim and hub (a tight, flush fit is critical).

(6) Temporarily Tighten Bolts

Insert the rim bolts (reuse OEM bolts or use compatible replacements) and hand-tighten them in a crisscross order until snug. Do not fully tighten at this stage—this ensures the wheel sits evenly on the hub.

(7) Lower the Cart and Finalize Torque

Slowly lower the golf cart onto the ground, then remove the jack stands. Use the torque wrench to tighten the bolts to the rim-specific torque value in a crisscross pattern. Over-tightening can crack the rim; under-tightening risks wheel loosening.

(8) Verify Tire Pressure

Use the tire pressure gauge to check pressure—standard ranges are 15-25 PSI for turf tires and 25-35 PSI for all-terrain tires. Adjust pressure to match the golf cart manufacturer's recommendations.

MAINTENANCE AND CARE:

1. Regular Inspection Schedule

- **Weekly (For Frequent Use):**

Inspect the entire wheel assembly for damage: check tires for cuts, bulges, or uneven tread wear; examine rims for cracks, dents, or bent edges; and verify bolt tightness with a torque wrench.

- **Monthly:**

Clean the wheel surface (tire and rim) to remove grass clippings, mud, or salt (critical for coastal areas). Check the valve stem for leaks (apply soapy water—bubbles indicate a leak). For steel rims, inspect the coating for scratches; touch up with rust-resistant paint if needed.

- **Seasonal (Before Winter/Rainy Season):**

Perform a full leak test: spray soapy water on the tire-rim interface and valve stem. Inspect tread depth—replace tires if tread is worn to 2/32 of an inch (1.6mm) or less. For stored carts, rotate wheels to prevent flat spots.

2. Cleaning Guidelines

- **Tire Cleaning:**

Rinse tires with clean water to remove loose debris. Use a soft brush and mild detergent (e.g., dish soap) to scrub away caked-on mud or grass. Avoid harsh chemicals (bleach, solvents) that can degrade tire rubber.

- **Rim Cleaning:**

For aluminum rims: Use a non-abrasive sponge and pH-neutral cleaner to preserve the anodized finish. Dry immediately to prevent water spots.

For steel rims: Wipe with a damp cloth and mild cleaner; dry and apply a light coat of rust-preventive oil every 3 months (if stored outdoors).

- **Avoid High-Pressure Washers:**

Do not spray high-pressure water directly at the valve stem or bolt holes—this can force water into the axle hub or damage the valve seal.

3. Storage Recommendations

- **Short-Term Storage (1-3 Months):**

Park the golf cart on a level surface. Inflate tires to 2-3 PSI above the recommended pressure to prevent flat spots. Cover the wheels with a breathable tarp to protect from dust and UV rays.

- **Long-Term Storage (3+ Months):**

Lift the cart using jack stands to relieve pressure on the wheels. Remove the wheel assemblies, clean them thoroughly, and store them in a cool, dry area (50-70°F / 10-21°C). For tires, avoid stacking heavy objects on top; for rims, wrap in a soft cloth to prevent scratches.

TROUBLESHOOTING:

The chart below indicates the issues that can be observed during the use of the product. If the problem observed does not appear in the table below, stop using the product and call your distributor immediately in order to know the procedure to follow.

TROUBLES HOOTING	CAUSES	REMEDIES
Wheel wobbles or makes a "thumping" noise	Bent rim	Inspect rim for bending; replace if damaged.
	Uneven tire tread wear (cupping)	Rotate tires every 6 months to prevent uneven wear; replace worn tires.
	Loose rim bolts	Re-torque bolts to specified value.
Tire loses pressure rapidly	Damaged valve stem	Replace the valve stem (use OEM-compatible parts).
	Puncture in tire tread /sidewall	Repair small tread punctures with a tire patch; replace tires with sidewall punctures.
	Leak at tire-rim interface (damaged rim seal)	Remove the tire, inspect the rim seal; replace the seal or rim if needed.
Wheel feels "stiff" when turning	Overinflated tire	Deflate tire to recommended pressure.
	Rim offset mismatch (causing friction with cart body)	Verify wheel offset matches cart specs; replace with correct offset wheel.
	Seized axle bearing	Inspect axle bearing; lubricate or replace if seized.
Tread wears unevenly (one side faster)	Incorrect wheel alignment	Have a professional adjust golf cart wheel alignment.
	Overloaded cart (one side heavier)	Distribute load evenly; avoid overloading one side.
	Bent axle	Inspect axle for bending; replace if damaged.

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