

## Trailmaster Cheetah 6

# TrailMaster Cheetah 6 Youth Go-Kart Instruction Manual

Model: Cheetah 6 | Brand: Trailmaster

## 1. INTRODUCTION

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This manual provides essential information for the safe operation, assembly, and maintenance of your new TrailMaster Cheetah 6 Youth Go-Kart. Please read this manual thoroughly before operating the vehicle to ensure proper use and to prevent injury or damage.

The TrailMaster Cheetah 6 is designed for youth aged 6-12, featuring a robust 163cc, 5.5 HP horizontal OHV engine, a torque converter CVT transmission for smooth acceleration, and a top speed of up to 24 MPH. Key safety features include a 4-point safety belt, remote kill switch, and speed governor. The go-kart also comes equipped with a manual choke for easy starting in cold conditions, hydraulic disk brakes, a parking brake, fenders, a canopy top, and a cargo rack.



Figure 1: Side view of the TrailMaster Cheetah 6 Youth Go-Kart.

## 2. SAFETY INFORMATION

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Your safety and the safety of others are paramount. Always follow these safety guidelines:

- **Wear Appropriate Safety Gear:** Always wear a helmet, eye protection, gloves, and sturdy footwear when operating the go-kart.
- **Fasten Safety Belts:** Ensure the 4-point safety belt is securely fastened before each ride.
- **Adult Supervision:** This go-kart is intended for children aged 6-12 and must always be operated under direct adult supervision.
- **Remote Kill Switch:** The remote kill switch is a critical safety feature. An adult supervisor should always have access to and be prepared to use the remote kill switch in emergencies.
- **Speed Governor:** Utilize the adjustable speed governor to match the rider's skill level and the operating environment.
- **Operating Environment:** Operate the go-kart only in safe, open areas free from obstacles, traffic, and pedestrians. Avoid public roads.
- **Pre-Ride Inspection:** Before each use, inspect the go-kart for loose parts, proper tire pressure, brake function, and fuel levels.
- **Passenger Limit:** Do not exceed the recommended passenger capacity.
- **No Stunts:** Avoid stunts, sharp turns at high speeds, or other dangerous maneuvers.

## 3. WHAT'S IN THE BOX

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Upon unpacking, verify that all components are present:

- TrailMaster Cheetah 6 Youth Go-Kart (main unit, mostly pre-assembled)
- Tool Kit
- Instruction Manual
- Remote Kill Switch Fob

## 4. SETUP AND ASSEMBLY

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Your TrailMaster Cheetah 6 Go-Kart arrives almost fully assembled in its crate. This includes tires, shocks, and fenders already attached. Average assembly time is approximately 15 minutes.

### Initial Setup Steps:

1. **Uncrating:** Carefully remove the go-kart from its shipping crate. Retain packaging materials until you are satisfied with the product.
2. **Handlebar/Steering Wheel Attachment:** Secure the steering wheel to the steering column using the provided hardware. Ensure it is firmly attached and allows for full range of motion.
3. **Battery Connection:** Connect the battery terminals. Refer to the battery compartment for specific instructions and polarity.
4. **Fluid Checks:** Check engine oil levels and add fuel (unleaded gasoline) to the fuel tank. The fuel capacity is 1 gallon.
5. **Tire Pressure:** Verify and adjust tire pressure to the recommended PSI as indicated on the tires or in the specifications section.
6. **Safety Check:** Perform a thorough safety check, ensuring all bolts are tightened, brakes are functional, and the remote kill switch operates correctly.



Figure 2: Front view, showing the headlights and front suspension.

## 5. OPERATING INSTRUCTIONS

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### Starting the Engine:

1. **Seating and Safety:** Ensure the rider is properly seated with the 4-point safety belt securely fastened.
2. **Choke (if cold):** If the engine is cold, engage the manual choke.
3. **Ignition:** Insert the key into the ignition and turn it to the 'ON' position.
4. **Start:** Press the electric start button. Once the engine starts, gradually disengage the choke.

### Driving:

- **Throttle Control:** Use the foot pedal to control acceleration. Apply gentle pressure to begin moving.
- **Steering:** Use the steering wheel to navigate. Practice smooth turns at low speeds.
- **Speed Governor:** The speed governor can be adjusted to limit the maximum speed, which is crucial for younger riders or less experienced operators.
- **CVT Transmission:** The torque converter CVT transmission provides automatic, smooth power delivery without manual gear shifting.

### Stopping:

- **Braking:** Apply the hydraulic disk brake pedal smoothly to slow down and stop.
- **Parking Brake:** Engage the parking brake when the go-kart is stationary to prevent accidental

movement.

- **Remote Kill:** In an emergency, the adult supervisor can press the remote kill button to immediately shut off the engine.



Figure 3: Interior view highlighting the adjustable seat and 4-point safety belts.

## 6. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your go-kart.

### Routine Checks:

- **Engine Oil:** Check engine oil level before each ride. Change oil according to the engine manufacturer's recommendations (typically after the first 5 hours, then every 25-50 hours).
- **Tires:** Inspect tires for wear, damage, and proper inflation before each use.
- **Brakes:** Test brake functionality before each ride. Ensure the hydraulic disk brakes respond effectively. Check brake fluid levels periodically.
- **Chain/Belt:** Inspect the drive chain or CVT belt for proper tension and wear. Lubricate the chain as needed.
- **Fasteners:** Regularly check all nuts, bolts, and other fasteners for tightness. Tighten any loose components.
- **Air Filter:** Clean or replace the air filter regularly, especially when operating in dusty conditions.
- **Fuel System:** Inspect fuel lines and connections for leaks or damage.



Figure 4: Rear view displaying the 163cc engine and cargo rack.

## 7. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Engine won't start	No fuel, dead battery, choke not set, remote kill engaged	Check fuel level, charge/replace battery, adjust choke, disengage remote kill
Loss of power	Low fuel, clogged air filter, spark plug issue	Refuel, clean/replace air filter, inspect/replace spark plug
Brakes feel weak	Low brake fluid, worn brake pads, air in brake lines	Check/add brake fluid, inspect/replace pads, bleed brake lines (professional service recommended)
Unusual noises	Loose components, worn bearings, engine issue	Inspect and tighten all fasteners, consult a qualified technician for engine/bearing issues

## 8. SPECIFICATIONS

Feature	Specification
Engine	163cc, 5.5 HP Horizontal OHV Engine
Transmission	Torque Converter CVT (Automatic with Reverse)
Top Speed	Up to 24 MPH
Brakes	Hydraulic Disk Brake
Safety Features	4-Point Safety Belts, Remote Kill Switch, Speed Governor
Starting System	Electric Start
Fuel Capacity	1 Gallon
Product Dimensions	63 x 36 x 50 inches
Item Weight	308 pounds
Recommended Age	6 years and up
Adjustable Seat	Pedal to seat back adjustable from 28" to 32"

## 9. OFFICIAL PRODUCT VIDEOS

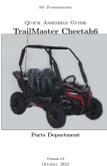
No official product videos specifically for the TrailMaster Cheetah 6 Youth Go-Kart were found from the seller. Please refer to the images and detailed instructions provided in this manual for guidance.

## 10. WARRANTY AND SUPPORT

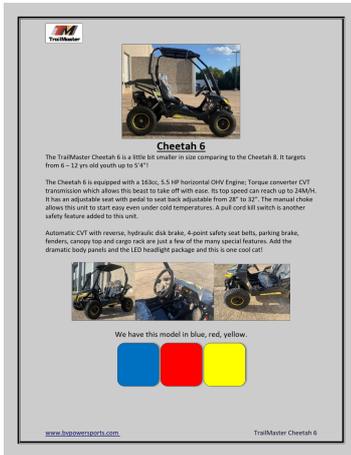
For warranty information, technical support, or to purchase replacement parts, please contact Trailmaster customer service or visit the official Trailmaster store. Keep your purchase receipt for warranty claims.

Visit the [Trailmaster Store on Amazon](#) for more products and support.

### Related Documents - Cheetah 6

	<p><a href="#">TrailMaster Cheetah 6 Quick Assembly Guide</a></p> <p>A comprehensive quick assembly guide for the TrailMaster Cheetah 6 go-kart, detailing component identification, accessory installation, and essential safety information for a smooth setup process.</p>
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 <p>TrailMaster 300cc Engine Oil Change Instructions</p>	<p><a href="#">TrailMaster 300cc Engine Oil Change Instructions   Maintenance Guide</a></p> <p>Step-by-step instructions for changing the engine and transmission oil on a TrailMaster 300cc go-kart. Includes details on drain plugs, filter cleaning, and oil types.</p>
	<p><a href="#">TrailMaster Blazer 4 150 GoKart User Manual</a></p> <p>User manual for the TrailMaster Blazer 4 150 GoKart, providing operational guidance and technical specifications. Includes dimensions and manufacturer details.</p>
 <p>ORDER PARTS GO-KARTS USA .COM</p> <p>TrailMaster 150XRX</p> <p>Set up Instructions</p>	<p><a href="#">TrailMaster 150XRX Setup Instructions</a></p> <p>Step-by-step setup instructions for the TrailMaster 150XRX go-kart, covering component checks and assembly procedures.</p>
 <p>TrailMaster Go-Kart 110 XRX PARTS MANUAL</p>	<p><a href="#">TrailMaster Go-Kart 110 XRX Parts Manual</a></p> <p>This parts manual provides a detailed breakdown of the TrailMaster Go-Kart 110 XRX, including diagrams and part numbers for each component. It covers various assemblies such as the cylinder, crankcase, piston, frame, steering, suspension, and electrical systems.</p>
 <p>TM C-50 Dirt Bike parts manual</p>	<p><a href="#">TrailMaster TM C-50 Dirt Bike Parts Manual</a></p> <p>This comprehensive parts manual provides detailed diagrams and part numbers for the TrailMaster TM C-50 Dirt Bike, covering all major assemblies for maintenance and repair.</p>

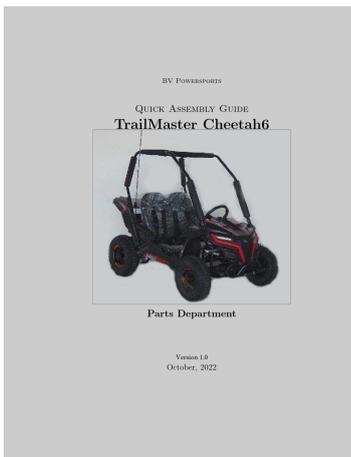


[\[pdf\] User Manual Specifications Borchure](#)

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**Cheetah 6** The TrailMaster **Cheetah 6** is a little bit smaller in size comparing to the Cheetah 8. It targets from 6 12 yrs old youth up to 5 4 The **Cheetah 6** is equipped with a 163cc, 5.5 HP horizontal OHV Engine; Torque converter CVT transmission which allows this beast to take off with ease. Its t...

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[TrailMaster Cheetah 6 Quick Assembly Guide](#)

A comprehensive quick assembly guide for the TrailMaster Cheetah 6 go-kart, detailing component identification, accessory installation, and essential safety information for a smooth setup process.

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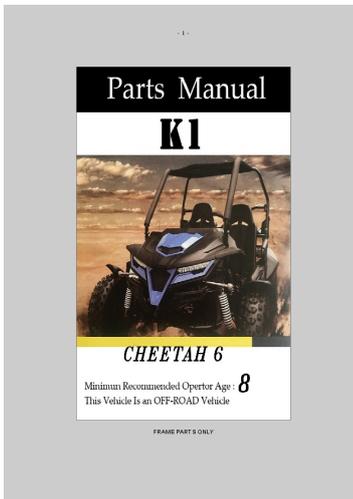


[\[pdf\] User Manual Owner's Manual](#)

Administrator cheetah 6 owners manual TrailMaster Cheetah Youth Go Kart 163cc 5 5HP Engine 4 Point Safe v 1730917729 cdn shopify s files 1 0432 1522 4985 |||

**OWNER S/OPERATOR S MANUAL K1** Designed and manufactured for OFF-ROAD use only For age of 8 and up only to operate supervision. This operation manual is made for UTV models: **CHEETAH 6** Provincial/Municipal governments have different regulations pertaining to owning and operating an off-road vehicle, ...

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[\[pdf\]](#) User Manual

apple Parts Manual Cheetah 6 Go Kart 5 5hp Electric Start Remote Kill with Revers TrailMaster

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[TrailMaster Powersports Vehicle Catalog - Go-Karts, ATVs, Dirt Bikes, UTVs, and More](#)

Comprehensive catalog of TrailMaster Powersports vehicles, featuring Go-Karts (Mini, Mid, Full Size), Cheetah Karts (Youth, Full Size), Challenger UTVs, Taurus vehicles, Panther models, ATVs, Dirt Bikes (Standard, JHL Pro), Mini Bikes, Scooters, and Jeep Karts. Includes detailed specifications, engine types, age recommendations, and key features for each model.

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