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› Trailmaster TM15 110cc Semi-Automatic Dirt Bike User Manual

Trailmaster TM15

Trailmaster TM15 110cc Semi-Automatic Dirt Bike User Manual

Model: TM15

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and effective use of your new Trailmaster TM15 110cc Semi-Automatic Dirt Bike. Please read this manual thoroughly before operating the dirt bike to ensure proper assembly, operation, and maintenance. Retain this manual for future reference.



Side view of the Trailmaster TM15 dirt bike, showcasing its blue and white color scheme and overall design.

2. SAFETY INFORMATION

Operating a dirt bike can be hazardous. Always prioritize safety to prevent injury or damage. This dirt bike is not CA

CARB-compliant.

2.1 General Safety Guidelines

- Always wear appropriate safety gear, including a helmet, eye protection, gloves, long pants, and sturdy boots.
- Ensure adult supervision for all riders, especially minors.
- Perform a pre-ride inspection before each use (refer to Section 5.1).
- Do not operate the dirt bike under the influence of alcohol or drugs.
- Ride only in designated off-road areas and be aware of your surroundings.

2.2 Emergency Stop Function

The Trailmaster TM15 is equipped with an emergency stop switch on the handlebars. In case of an emergency, activate this switch to immediately cut power to the engine.



This image illustrates the emergency stop switch on the handlebars for safety, and provides a view of the 12-inch front wheel and 10-inch rear wheel.

3. ASSEMBLY

Your Trailmaster TM15 dirt bike requires some assembly. Follow these steps carefully. It is recommended to have two people for certain assembly tasks.

3.1 Unpacking

- Carefully remove the dirt bike and all components from the packaging.
- Check for any shipping damage. Report any damage to your dealer immediately.

- Verify all parts are present against the packing list.

3.2 Handlebar Installation

1. Attach the handlebars to the triple clamp using the provided bolts.
2. Ensure the handlebars are centered and aligned with the front wheel.
3. Tighten all bolts securely to the manufacturer's specified torque.

3.3 Wheel Installation (if applicable)

1. Install the front and rear wheels, ensuring brake components are correctly aligned.
2. Tighten axle nuts to the specified torque.

3.4 Fluid Checks

- Check engine oil level and fill if necessary (refer to Section 5.2).
- Check brake fluid levels.
- Add fuel to the tank. Use recommended fuel type only.

4. COMPONENTS AND CONTROLS

Familiarize yourself with the key components and controls of your Trailmaster TM15 dirt bike.

4.1 Engine and Transmission

- **Engine:** 110cc, air-cooled, single-cylinder engine provides reliable power.
- **Transmission:** 4-speed semi-automatic transmission for easy gear changes without a manual clutch lever.

4.2 Starting System

- **Electric Start:** Push-button electric start for convenient ignition.
- **Kick Start:** Manual kick start provides an alternative starting method.

4.3 Brakes

- **Hydraulic Disc Brakes:** Equipped with hydraulic disc brakes on both the front and rear wheels for responsive and controlled stopping.



Detail of the hydraulic disc brakes, providing effective stopping power for the dirt bike.

4.4 Frame and Wheels

- **Frame:** Robust twin spar, welded steel frame for durability and stability.
- **Front Tire:** 12-inch tire.
- **Rear Tire:** 10-inch tire.



Illustration of the robust twin spar frame, designed for durability and stability.



View of the moto mount, designed for convenient access and maintenance.

5. OPERATION

5.1 Pre-Ride Inspection

Before each ride, perform the following checks:

- **Tires:** Check tire pressure and condition.
- **Brakes:** Test front and rear brakes for proper function.
- **Fluids:** Verify engine oil and fuel levels.
- **Controls:** Ensure throttle, handlebars, and levers operate smoothly.
- **Fasteners:** Check for any loose nuts, bolts, or other fasteners.

5.2 Starting the Engine

1. Turn the fuel valve to the ON position.
2. If the engine is cold, pull the choke lever to the ON position.
3. For electric start: Turn the ignition key to ON and press the electric start button.
4. For kick start: With the ignition ON, firmly push down on the kick start lever.
5. Once the engine starts, gradually push the choke lever to the OFF position as the engine warms up.

5.3 Shifting Gears (Semi-Automatic)

The TM15 features a 4-speed semi-automatic transmission. There is no clutch lever to operate manually. To shift gears:

- To shift up, lift the shift lever with your foot.
- To shift down, press the shift lever down with your foot.
- Practice shifting at low speeds in a safe, open area until you are comfortable.

5.4 Stopping the Engine

- Release the throttle completely.

- Apply brakes smoothly to slow down and stop.
- Turn the ignition key to OFF.
- Turn the fuel valve to the OFF position.

6. MAINTENANCE

Regular maintenance is crucial for the longevity and safe operation of your dirt bike.

6.1 Engine Oil

- Check oil level before each ride.
- Change engine oil every 10-15 hours of operation or as recommended by the engine manufacturer.
- Use recommended oil type and viscosity.

6.2 Chain Maintenance

- Inspect chain tension and lubrication before each ride.
- Adjust chain tension as needed to maintain proper slack.
- Clean and lubricate the chain regularly with appropriate chain lubricant.

6.3 Brake System

- Inspect brake pads for wear and replace if necessary.
- Check brake fluid levels and top up if low.
- Ensure brake levers and pedals operate smoothly and have proper feel.

6.4 Air Filter

- Clean or replace the air filter regularly, especially when riding in dusty conditions.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your Trailmaster TM15 dirt bike.

Problem	Possible Cause	Solution
Engine won't start	No fuel, dead battery, fouled spark plug, choke incorrect	Check fuel level, charge/replace battery, clean/replace spark plug, adjust choke
Loss of power	Dirty air filter, old fuel, incorrect spark plug gap	Clean air filter, drain and replace fuel, check/adjust spark plug gap
Brakes feel spongy	Low brake fluid, air in brake lines, worn brake pads	Check fluid, bleed brake lines, replace pads
Excessive chain noise	Loose chain, dry chain, worn sprockets	Adjust chain tension, lubricate chain, inspect and replace sprockets if worn

8. SPECIFICATIONS

Detailed technical specifications for the Trailmaster TM15 110cc Dirt Bike.

Feature	Specification
Model Name	TM15
Engine Size	110cc
Transmission	4-Speed Semi-Automatic
Starting System	Electric Start & Kick Start
Seat Height	24.41 inches
Wheelbase	39.37 inches
Front Tire	12 inches
Rear Tire	10 inches
Brakes	Hydraulic Front & Rear Disc Brakes
Frame Material	Alloy Steel (Twin Spar)
Item Dimensions (LxWxH)	59.84 x 25.6 x 33.07 inches
Package Dimensions (LxWxH)	49.4 x 24.2 x 13.2 inches
Package Weight	140 Pounds
CARB Compliance	Not CA CARB-compliant



A detailed table outlining specifications for different Trailmaster dirt bike models, including engine size, wheel size, and transmission types.

9. OFFICIAL PRODUCT VIDEO

Watch the official product video for an overview of the Trailmaster TM series dirt bikes, including features relevant to the TM15 model.

Official product video showcasing the features and operation of the Trailmaster TM series dirt bikes, including the TM15 model.

10. WARRANTY AND SUPPORT

For warranty information, customer support, or to purchase replacement parts, please contact Trailmaster Powersports directly. Refer to your purchase documentation for specific warranty terms and conditions.

- **Returns:** 30-day easy returns policy.
- **Support:** Contact Trailmaster Powersports for customer support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question