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› TS TST GRP LLC R9 Electric Bike Instruction Manual

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TS TST GRP LLC R9 Electric Bike Instruction Manual

Model: R9

1. SAFETY INFORMATION

Before operating your TS TST GRP LLC R9 Electric Bike, please read this manual thoroughly. Adhere to all local traffic laws and regulations. Always wear a helmet and appropriate safety gear. Regular maintenance is crucial for safe operation.

- Ensure all components are securely fastened before each ride.
- Check tire pressure, brake function, and battery level before use.
- Do not operate the bike under the influence of alcohol or drugs.
- Be aware of your surroundings and ride defensively.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- TS TST GRP LLC R9 Electric Bike (partially assembled)
- 48V 15Ah Removable Battery
- Battery Charger
- Assembly Tool Kit
- Instruction Manual (this document)

ELECTRIC BIKE WITH REAR SEAT CUSHION



48V 15Ah
Battery



7-8H
Charge



IPX4
Waterproof



SGS
Certified



Removable
Battery



Lockable



Image: All components of the TS TST GRP LLC R9 Electric Bike laid out for assembly, including the frame, wheels, battery, and accessories.

3. SETUP AND ASSEMBLY

The R9 Electric Bike arrives approximately 90% assembled. The following steps detail the completion of the assembly process.

3.1 Handlebar Installation

1. Carefully remove the bike from its packaging.
2. Attach the handlebars to the stem using the provided bolts and Allen key from the assembly tool kit. Ensure the handlebars are centered and tightened securely.

PROTECT YOUR SAFETY

Brighter and safer



BRIGHT TAILLIGHTS



MECHANICAL DISC BRAKE



Image: A person installing the handlebars onto the bike's stem, securing them with bolts.

3.2 Front Wheel Installation

1. Align the front wheel with the fork. Ensure the brake rotor slides correctly into the brake caliper.
2. Insert the quick-release skewer or axle through the wheel hub and secure it according to the instructions provided with the skewer/axle.

PEAK 1500W *Average at 750W* MOTOR



25°
Climbing



28MPH
Max Speed



90N.M
Max Torque



65MILES
Max Range



Image: A person attaching the front wheel to the bike's front fork, ensuring proper alignment with the brake caliper.

3.3 Pedal Installation

1. Identify the left (L) and right (R) pedals.
2. Thread the right pedal (R) clockwise into the right crank arm.
3. Thread the left pedal (L) counter-clockwise into the left crank arm.
4. Tighten both pedals firmly with a wrench.

3.4 Battery Installation and Initial Charge

1. Insert the removable 48V 15Ah battery into its designated compartment on the bike frame. Ensure it clicks securely into place.
2. Use the provided charger to fully charge the battery before the first ride. A full charge typically takes 7-8 hours.

FULL-SUSPENSION-SYSTEM

*Dominate wild trails with confidence,
tamed by precise suspension.*

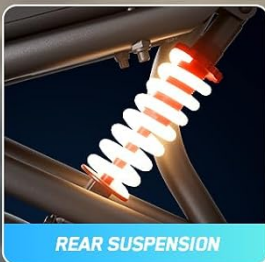
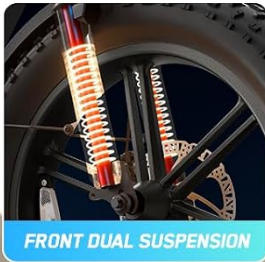


Image: A close-up view of the removable battery securely housed within the electric bike's frame.

3.5 Pre-Ride Checks

- Confirm all bolts and quick releases are tight.
- Check tire pressure (recommended pressure is usually indicated on the tire sidewall).
- Test both front and rear brakes for proper function.
- Ensure the battery is fully charged and securely locked.

3.6 Assembly Video Guide

For a visual guide on the assembly process, please refer to the following video:

Your browser does not support the video tag.

Video: A detailed installation guide for the TST Electric Bike, demonstrating each step of the assembly process.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the bike's controls and modes for an optimal riding experience.

4.1 Powering On/Off and Display

1. To power on the bike, press and hold the power button on the LCD display. The display will illuminate, showing speed, battery level, and distance.
2. To power off, press and hold the power button again until the display turns off.

20"X 4.0" FAT TIRE

Adapt To All Terrain



Image: The LCD display mounted on the handlebars, providing real-time information such as speed, battery level, and distance.

4.2 Riding Modes and Pedal Assist System (PAS)

The R9 Electric Bike offers three riding modes:

- **Electric Mode:** Pure electric power, driven solely by the motor.
- **Assisted Mode:** Combines pedal power with motor assistance (5 levels). Adjust assistance levels using the '+' and '-' buttons on the display.
- **Ordinary Cycling Mode:** Traditional pedal power without motor assistance.

4.3 Throttle Operation

The throttle provides instant power from the motor. Gently twist the throttle on the right handlebar to engage the motor. Be mindful of the throttle's sensitivity, especially at lower speeds.

4.4 Gear Shifting

The bike features a 7-speed gear system. Use the thumb shifter on the right handlebar to change gears, adapting to different terrains and riding conditions.

4.5 Braking System

The R9 is equipped with mechanical disc brakes for reliable stopping power. The left lever controls the rear brake, and the right lever controls the front brake. Apply both brakes smoothly and simultaneously for effective stopping.

4.6 Headlights and Taillights

Activate the large LED headlight and bright taillights for improved visibility, especially during low-light conditions or night riding. The taillights also enhance safety by making you more visible to others.



Image: The electric bike illuminated by its bright LED headlight and taillights, demonstrating enhanced visibility for night riding.

4.7 App Connectivity

The bike supports smartphone app integration for monitoring ride data and accessing advanced settings. Refer to the app's specific instructions for pairing and usage.

4.8 Unlocking Speed Limit

The R9 Electric Bike may have a default speed limit. To manually unlock the speed limit to 28mph, follow the steps shown in this video:

Your browser does not support the video tag.

Video: Instructions on how to manually unlock the speed limit of the electric bike to reach 28mph.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your electric bike.

5.1 Battery Care

- Charge the battery regularly, even if not in use, to maintain its health.
- Avoid fully discharging the battery frequently.
- Store the battery in a cool, dry place away from direct sunlight and extreme temperatures.

5.2 Tire Maintenance

- Check tire pressure before each ride. Maintain pressure within the recommended range (typically 5-30 PSI for fat tires).
- Inspect tires for wear, cuts, or punctures.

5.3 Brake System Maintenance

- Regularly check brake pads for wear and replace them if necessary.
- Ensure brake levers have proper tension and respond effectively.
- Keep brake rotors clean and free from oil or grease.

5.4 Chain and Drivetrain

- Clean and lubricate the chain regularly, especially after riding in wet or dusty conditions.
- Inspect the chain for rust or excessive wear.

5.5 Suspension System

The R9 features a dual suspension system for a comfortable ride. Periodically inspect the front and rear suspension components for any damage or leaks. Keep the suspension clean.



Image: A detailed view of the bike's rear suspension, designed to absorb shocks and provide a smoother ride.

Your browser does not support the video tag.

Video: Demonstrates the electric bike's suspension system in action, highlighting its ability to handle varied terrain.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your R9 Electric Bike.

6.1 Bike Not Powering On

- Check if the battery is fully charged and properly installed.
- Ensure the battery is locked into place.
- Verify that the power button on the display is pressed correctly.

6.2 Motor Not Engaging

- Confirm the bike is powered on and the battery has sufficient charge.
- Check the pedal assist level; ensure it is not set to '0' if using PAS.
- Inspect all electrical connections for looseness or damage.

6.3 Display Errors

- If an error code appears, try turning the bike off and on again.
- Consult the app or contact customer support with the specific error code.

6.4 Brake Issues

- If brakes feel spongy, they may need adjustment or bleeding.
- If braking is weak, inspect brake pads for wear and replace if necessary.

6.5 General Issues

For any issues not covered here, or if troubleshooting steps do not resolve the problem, please contact customer support.

7. SPECIFICATIONS

Detailed technical specifications for the TS TST GRP LLC R9 Electric Bike:

Feature	Specification
Model Name	R9 Electric Bike
Brand	TS TST GRP LLC
Motor	1500W Peak (750W Rated)
Torque	90 N.m
Battery	48V 15Ah Removable
Charging Time	7-8 Hours

Max Range	Up to 65 Miles (Pedal Assist)
Tires	20" x 4" Fat Tires
Suspension Type	Dual (Front & Rear)
Number of Speeds	7-Speed
Brake Style	Mechanical Disc Brakes
Frame Material	Iron
Bicycle Weight	96.56 lbs
Load Capacity	450 lbs
Recommended Rider Height	4'5" - 6'3"
Waterproof Rating	IPX4



Image: A visual representation of the electric bike's dimensions, including height, length, and seat height, along with its weight and load capacity.

8. WARRANTY AND SUPPORT

Your TS TST GRP LLC R9 Electric Bike is covered by a comprehensive warranty and dedicated customer support.

8.1 Warranty Information

The electric bike comes with a **180-day warranty** covering manufacturing defects. This warranty ensures peace of mind and reflects our commitment to product quality.

8.2 Returns and Exchanges

We offer **15-day free returns/exchanges** for quality issues. Free replacement parts are also provided during this period for manufacturing defects.

8.3 Customer Support

For any questions, assistance with assembly, troubleshooting, or warranty claims, our **24/7 customer service** team is available to help. Please refer to the contact information provided with your purchase or visit the official TS TST GRP LLC website for support details.



Image: An overview of the support services, including safer shipping, 180-day coverage for manufacturing defects, and dedicated customer support for returns and replacement parts.