JOYRACER XMX618

JOYRACER XMX618 24V 4WD Ride-On Truck Instruction Manual

Model: XMX618 | Brand: JOYRACER

1. Safety Information

WARNING: This product is a ride-on toy and must be used under direct adult supervision at all times. Read and understand all instructions before assembly and operation to prevent injury.

- Ensure all components are securely fastened before each use.
- Always use the provided seat belts.
- Do not operate near stairs, steep inclines, swimming pools, or public roads.
- Only operate on flat, dry surfaces.
- Maximum weight capacity: 110 pounds.
- Recommended age: 3 years and up.
- Accommodates two children under 4 years old or one child over 3 years old.



Figure 1.1: Safety features including seat belts, lockable doors, and independent spring suspensions for enhanced safety.

2. Product Overview

The JOYRACER XMX618 is a 24V 4WD ride-on truck designed for children, featuring powerful motors and a robust design for various terrains. It offers both manual and remote control operation, ensuring a safe and enjoyable experience.

Key Features:

- **Power System:** 24V rechargeable battery with four 200W motors (800W total).
- **Speed:** 3 adjustable speeds, up to 5 mph.
- **Control:** Child-operated manual driving and 2.4GHz parental remote control.
- **Seating:** Two-seater design.
- **Safety:** ASTM F963 CPSIA certified, skid-proof and explosion-proof tires, 4 independent spring suspensions, reinforced seat belts, dual lockable doors.
- **Entertainment:** Built-in music, MP3, Bluetooth, TF Card, and USB Port for playing audio. Cool LED headlights,

taillights, and searchlights.

- **Convenience:** One-button start, horn, power display, pull-up rear handle for portability.



Figure 2.1: The JOYRACER XMX618 24V 4WD Ride-On Truck.

3. Package Contents

Upon unpacking, ensure all the following components are present:

- Ride-On Truck Body
- 4 Wheels
- Steering Wheel
- Seats (2)
- Front Bumper
- Rear Handle

- Roll Bar with LED Lights
- Windshield Grille
- 2.4GHz Remote Control
- Charger
- Assembly Hardware (screws, nuts, washers)
- Nut Driver Tools (plastic)
- Instruction Manual

4. Assembly Instructions

Follow these steps carefully to assemble your JOYRACER XMX618 Ride-On Truck. A Phillips head screwdriver is required (not included, but plastic nut drivers are provided).

4.1. Watch Assembly Video:

Your browser does not support the video tag.

Video 4.1: Detailed assembly guide for the XMX618 24V 4WD Ride-On Truck. This video demonstrates the assembly process using a pink model, but the steps are identical for the black model.

4.2. Step-by-Step Assembly:

1. **Prepare the Body:** Carefully remove the main body from the packaging. Place it upside down on a soft, clean surface to prevent scratches.
2. **Install Front Bumper:** Connect the front bumper to the front of the vehicle body. Ensure the wiring for the headlights is connected before securing the bumper with screws.
3. **Install Rear Handle:** Attach the pull-up rear handle to the rear of the vehicle body, securing it with screws.
4. **Attach Motors and Wheels:**
    - Connect the motor wires to the corresponding ports on the vehicle's underside.
    - Slide each wheel onto its axle.
    - Secure each wheel with a washer and nut, tightening with the provided nut driver tool. Ensure both wheels on an axle are tightened against each other for proper function.
    - Attach the decorative wheel covers.
5. **Install Roll Bar with LED Lights:** Connect the wiring for the LED lights on the roll bar. Insert the roll bar into the designated slots on the vehicle body and secure it.
6. **Install Windshield Grille:** Attach the windshield grille to the front of the vehicle.
7. **Install Steering Wheel:** Connect the steering wheel's wiring to the vehicle's dashboard. Insert the steering wheel column into its position and secure it with the provided screw.
8. **Connect Battery:** Locate the battery compartment (usually under the seat). Connect the red and black battery terminals. Ensure all connections are firm.
9. **Install Seats:** Place the seats into the vehicle body and secure them with screws.



Figure 4.2: Underside view of the vehicle during assembly, showing motor and wheel attachment points.

5. Charging the Battery

For optimal performance and battery longevity, follow these charging guidelines:

- Before first use, charge the battery for 6-8 hours. Do not overcharge for more than 10 hours.
- To charge, locate the charging port (typically on the dashboard or near the battery compartment).
- Plug the charger into a standard wall outlet, then connect the charger's plug to the vehicle's charging port.
- The charger indicator light will show charging status (refer to charger manual for specific light indications).
- Disconnect the charger once charging is complete.
- Charge the battery after each use, or at least once a month if not in regular use, to maintain battery health.

6. Operating Instructions

6.1. Manual Driving (Child Operated):

1. **Start:** Press the "One-Button Start" button on the dashboard.
2. **Select Drive Mode:** Use the gear shifter (D/R) to select Forward (D) or Reverse (R).
3. **Accelerate:** Press the foot pedal to move the vehicle. Release the pedal to brake.
4. **Steer:** Use the steering wheel to control direction.
5. **Speed Selection:** Use the High/Low speed button on the dashboard to adjust driving speed.

6.2. Remote Control (Parental Control):

The 2.4GHz remote control allows parents to safely guide the vehicle. Ensure the remote is paired with the vehicle before use.

1. **Pairing:** Turn on the vehicle. Hold the pairing button on the remote until the indicator light on the remote stops flashing and remains solid.
2. **Movement:** Use the joystick/buttons on the remote for Forward, Backward, Left, and Right movement.
3. **Speed Adjustment:** The remote typically has buttons to select between 3 speed modes (low, medium, high).
4. **Emergency Brake:** Press the "P" (Park/Brake) button on the remote to stop the vehicle immediately. This overrides child control.



Figure 6.1: Manual driving controls and parental remote control.

6.3. Entertainment Features:

The vehicle includes a multi-functional media player:

- **Music Playback:** Built-in music, MP3, Bluetooth, TF Card, and USB Port.
- **Volume Control:** Adjust volume using the dedicated buttons on the dashboard.
- **Lights:** Turn on/off LED headlights, taillights, and searchlights using the light button on the dashboard.
- **Horn:** Press the horn button on the steering wheel for sound.



Figure 6.2: Dashboard entertainment controls.

7. Maintenance

Regular maintenance ensures the longevity and safe operation of your ride-on truck:

- **Cleaning:** Wipe the vehicle with a soft, damp cloth. Do not use abrasive cleaners or solvents. Avoid spraying water directly onto electrical components.
- **Battery Care:** Always fully charge the battery after each use. If storing for an extended period, charge the battery monthly. Disconnect the battery when not in use for long periods.
- **Storage:** Store the vehicle in a dry, cool place away from direct sunlight and moisture.
- **Inspection:** Periodically check all screws, nuts, and electrical connections to ensure they are secure. Inspect tires for wear and tear.

8. Troubleshooting

If you encounter issues, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Vehicle does not move	Low battery; Loose battery connection; Blown fuse; Motor issue.	Charge battery; Check battery terminals; Replace fuse; Contact support.
Remote control not working	Remote not paired; Remote battery low; Interference.	Re-pair remote; Replace remote batteries; Move away from interference sources.
Vehicle runs slowly	Low battery; Overloaded vehicle; Operating on rough terrain.	Charge battery; Reduce load; Move to smoother surface.
No sound from media player	Volume too low; Incorrect mode selected; Loose connection.	Increase volume; Select correct mode (Bluetooth/USB/AUX); Check connections.

9. Specifications

Feature	Detail
Model Number	XMX618
Brand	JOYRACER
Product Dimensions	46.45 x 30.7 x 30.11 inches
Item Weight	45.8 pounds
Battery	24V
Motors	4 x 200W (800W total)
Max Speed	Up to 5 mph
Max Loading	110 pounds
Recommended Age	3 years and up
Certifications	ASTM F963 CPSIA



Figure 9.1: Product dimensions and capacity guidelines.

10. Warranty and Support

For warranty information, product support, or any inquiries, please refer to the contact details provided in your product packaging or visit the official JOYRACER website. Keep your purchase receipt for warranty claims.

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