

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Power Wheels](#) /
- › [Power Wheels Racing ATV Ride-On Instruction Manual \(Model DFT87\)](#)

Power Wheels DFT87

Power Wheels Racing ATV Ride-On Instruction Manual

Model: DFT87 | Brand: Power Wheels

[Safety](#) [Assembly](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#)

INTRODUCTION

This manual provides essential information for the safe and proper use of your Power Wheels Racing ATV Ride-On. Young drivers can create their own exciting, 'off-road' adventures with this sporty vehicle. It features an awesome drive system that can power over rough terrain at a maximum speed of 6 mph forward and 3 mph in reverse. With a parent-controlled, high-speed lockout and Power-Lock brakes, this ride-on offers both fun and safety.

SAFETY INFORMATION

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

- Recommended for children ages 3-7 years.
- Maximum weight capacity: 65 lbs (29.5 kg).
- Adult supervision is required at all times.
- Always wear appropriate safety gear, including a helmet.
- Do not operate near streets, cars, steep inclines or declines, swimming pools, or other bodies of water.
- Ensure the vehicle is fully assembled and all connections are secure before use.

WHAT'S IN THE BOX

Your Power Wheels Racing ATV package includes:

- Vehicle body
- 12V battery (included)

- Charger
- Assembly hardware (screws, nuts, washers, etc.)
- Instruction manual

ASSEMBLY INSTRUCTIONS

Please follow these steps carefully to assemble your Power Wheels Racing ATV. Refer to the included diagrams and parts list for detailed identification.

Step 1: Prepare the Vehicle

Unpack all components and ensure all parts are present. Place the main vehicle body on a stable, flat surface.

Step 2: Install the Front Bumper

Attach the front bumper to the designated slots at the front of the vehicle. Secure it with the provided screws.



Image: Front view of the Power Wheels Racing ATV, showing the installed bumper and headlights.

Step 3: Install the Rear Axle and Gearboxes

Carefully turn the vehicle upside down. Install the rear axle through the designated openings. Attach the gearboxes to each end of the axle, ensuring they are correctly oriented (left 'L' and right 'R' markings). Secure with nuts and washers.

Step 4: Attach the Wheels

Slide the wheels onto the axles. Ensure the rear wheels (which may have a plum pattern for traction) are on the correct side. Secure each wheel with a washer and nut. Tighten the nuts on both sides of the rear wheels in opposite directions to ensure proper engagement.



Image: Close-up of the Power Wheels Racing ATV wheel, highlighting the rugged tire tread for multi-terrain traction.

Step 5: Install the Steering Wheel

Insert the steering column into the vehicle's body. Connect the wiring from the steering wheel to the main harness. Secure the steering wheel in place with the provided hardware.



Image: Close-up of the Power Wheels Racing ATV dashboard, showing the steering wheel and control buttons.

Step 6: Connect the Battery and Install the Seat

Locate the battery compartment, usually under the seat. Connect the battery terminals (red to red, black to black). Place the seat onto the vehicle and secure it with screws.

Assembly Video Reference

Your browser does not support the video tag.

Video: Official Power Wheels Racing ATV assembly guide. This video demonstrates the step-by-step process of putting together the ride-on vehicle, including attaching the wheels, steering, and connecting the battery.

OPERATING INSTRUCTIONS

Starting the Vehicle

- Ensure the battery is fully charged and properly connected.
- Press the power button to turn on the vehicle.

Speed and Direction Control

- The ATV drives at 3 and 6 mph (4.8 and 9.6 km/h) max. forward.
- It also drives at 3 mph (4.8 km/h) max. in reverse.
- Use the gear selector switch to choose between low and high speed.
- A parent-controlled, high-speed lockout feature is included for added safety. Consult the detailed manual for instructions on engaging/disengaging this feature.
- Use the forward/reverse switch to select the desired direction.

Braking

- The vehicle is equipped with Power-Lock brakes for quick and safe stopping.
- Release the foot pedal to engage the brakes.

Terrain Use

This ATV is designed to drive on hard surfaces and wet grass, offering multi-terrain traction for various adventures.

CHARGING INSTRUCTIONS

To ensure optimal performance and battery life, follow these charging guidelines:

- Always charge the battery for the recommended duration (typically 18-24 hours for the first charge, and 14-18 hours for subsequent charges).
- Do not overcharge the battery.
- Plug the charger into a standard wall outlet, then connect it to the vehicle's charging port.
- The vehicle cannot be operated while charging.
- Disconnect the charger once charging is complete.

MAINTENANCE

Regular maintenance helps prolong the life of your Power Wheels Racing ATV:

- **Battery Care:** Follow charging guidelines strictly. Store the battery in a cool, dry place when not in use. Charge the battery at least once a month during long storage periods.
- **Cleaning:** Wipe the vehicle with a damp cloth. Avoid using harsh chemicals or abrasive cleaners. Do not hose down the vehicle.
- **Tires:** Periodically check the plastic wheels for wear and tear. While designed for various terrains, excessive use on rough surfaces may accelerate wear.
- **General Inspection:** Regularly check all screws, nuts, and connections to ensure they are tight and secure. Inspect wiring for any damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Vehicle does not move or moves slowly.	Low battery charge, loose battery connection, motor issue.	Charge battery fully. Check battery connections. If problem persists, contact customer support.

Problem	Possible Cause	Solution
Rear axle seems too long, wheels do not engage properly.	Improper assembly or missing spacers.	Ensure all washers and spacers are correctly installed. Tighten wheel nuts firmly in opposite directions. Refer to assembly instructions.
Buttons (e.g., forward/reverse) are sticking or unresponsive.	Debris or internal mechanism issue.	Clean around buttons. If unresponsive, contact customer support.
Vehicle makes unusual noises.	Loose parts, worn gears, or debris in drivetrain.	Inspect for loose components. Check wheels and axles for debris. Contact customer support if noise persists.

SPECIFICATIONS

- **Product Dimensions:** 45.75 x 30 x 31.58 inches
- **Item Weight:** 24.8 pounds
- **Model Number:** DFT87
- **Recommended Age:** 36 months - 7 years
- **Battery:** 1 12V battery required (included)
- **Max Speed Forward:** 6 mph (9.6 km/h)
- **Max Speed Reverse:** 3 mph (4.8 km/h)
- **Max Weight Capacity:** 65 lbs (29.5 kg)
- **Manufacturer:** Fisher-Price

WARRANTY AND SUPPORT

For warranty information, replacement parts, or further assistance, please refer to the warranty card included with your product or contact Fisher-Price customer support directly. Keep your purchase receipt for proof of purchase.