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> [Aosom Toddler Bumper Car Instruction Manual \(Model 370-282V80RD\)](#)

## Aosom 370-282V80RD

# Aosom Toddler Bumper Car Instruction Manual (Model 370-282V80RD)

Comprehensive guide for setup, operation, and maintenance of your Aosom Toddler Bumper Car.

## 1. IMPORTANT SAFETY INFORMATION

**WARNING:** Always monitor your children while they are riding this product. Adult supervision is required at all times.

- Suitable for ages 18-48 months.
- Maximum weight capacity: 55 lbs.
- Ensure the safety belt is securely fastened before operation.
- Operate on flat, clear surfaces, free from obstacles.
- Do not operate near stairs, swimming pools, or on public roads.
- Regularly inspect the product for any damage or loose parts before each use.
- Charging should only be performed by an adult.

## 2. PRODUCT OVERVIEW

The Aosom Toddler Bumper Car is designed for an engaging and safe riding experience for young children. It features 360° rotation, built-in music, a horn, LED lights, and EVA bumper edges for enhanced safety.



Figure 2.1: Front-side view of the Aosom Toddler Bumper Car, showcasing its red body, blue seat, and black bumper.

### Key Features:

- **360° Rotation:** Allows for dynamic and exciting movement.
- **6V Dual Motors:** Provides power for movement.
- **Built-in Music and Horn:** Enhances the riding experience with sound effects.
- **LED Lights:** Adds visual appeal and visibility.
- **EVA Bumper Edges:** Designed to protect furniture and walls during play.
- **Safety Belt:** Secures the child in the seat.
- **Speed Range:** 0.9 - 1.9 mph (1.5 - 3 km/h).

## 3. SETUP AND ASSEMBLY

### 3.1 What's in the Box:

- Aosom Toddler Bumper Car unit
- Twins Motor (pre-installed)
- Music Horn and LED Lights (pre-installed)
- Safety Belt (pre-installed)
- Charging Adapter (not explicitly listed but implied for electric vehicle)
- Instruction Manual (this document)

### 3.2 Initial Charging:

Before first use, fully charge the bumper car's battery. Locate the charging port (refer to the diagram below for exact location) and connect the provided charging adapter. The indicator light on the charger will typically change color when fully charged. Do not overcharge the battery.



Figure 3.1: Control panel with power button and speed/direction switches. The charging port is typically located near these controls or under the seat.

## 4. OPERATING INSTRUCTIONS

### 4.1 Powering On/Off:

1. To turn on the bumper car, press and hold the red power button located on the side control panel. The LED lights will illuminate.
2. To turn off the bumper car, press and hold the red power button again until the lights turn off.

### 4.2 Driving the Bumper Car:

1. Ensure the child is seated securely and the safety belt is fastened.
2. Use the "Forward/Stop/Back" switch to select the desired direction.
3. Use the "High speed/Low speed" switch to select the desired speed setting.
4. The steering wheel controls the direction of movement. The car can perform 360° rotations.
5. Press the buttons on the steering wheel to activate the horn and built-in music.

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Video 4.1: Demonstration of the Aosom Bumper Car's controls, including power, speed, direction, music, and horn functions. This video shows how to operate the car's various features.

# REALISTIC EXPERIENCE



Figure 4.1: Top-down view illustrating the 360° rotation feature of the bumper car.

# SAFETY DESIGN



Safety Belt

EVA bumper edges



Figure 4.2: Detail of the steering wheel, highlighting the music and horn buttons for interactive play.

## 5. MAINTENANCE

### 5.1 Cleaning:

Wipe the bumper car with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Avoid direct water spray to prevent damage to electronic components.

### 5.2 Battery Care:

- Recharge the battery after each use.
- If storing for an extended period, charge the battery every 3 months to maintain its lifespan.
- Do not store the product in extreme temperatures.

### 5.3 Storage:

Store the bumper car in a dry, cool place away from direct sunlight and moisture when not in use.

## 6. TROUBLESHOOTING

- Car does not move:

- Ensure the power button is pressed and the car is turned on.
- Check if the battery is charged. Recharge if necessary.
- Verify that the "Forward/Stop/Back" switch is not in the "Stop" position.
- **Lights or sounds not working:**
  - Check battery charge level.
  - Ensure the car is powered on.
  - If issues persist, contact customer support.
- **Reduced performance:**
  - Battery may be low. Recharge fully.
  - Ensure the car is not overloaded beyond the 55 lbs weight capacity.
  - Operating on uneven or soft surfaces can reduce speed and battery life.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	370-282V80RD
Product Dimensions	29.25" L x 19" W x 18.25" H
Item Weight	15.4 pounds
Recommended Age	18 months - 4 years
Weight Capacity	55 lbs
Motor Type	6V Dual Motors
Speed Range	0.9 - 1.9 mph (1.5 - 3 km/h)
Safety Certifications	ASTM F963, CPSIA

## 8. WARRANTY AND SUPPORT

For warranty information, product support, or to purchase replacement parts, please contact Aosom customer service. Refer to the product packaging or the official Aosom website for contact details.

**Manufacturer:** Aosom LLC