

## YITAMOTOR YTCE005960

# YITAMOTOR Front and Rear Bumper Installation and User Manual

**Brand:** YITAMOTOR | **Model:** YTCE005960 | **Compatibility:** Jeep Wrangler JK/JKU Unlimited (2007-2018)

## 1. PRODUCT OVERVIEW

The YITAMOTOR Front and Rear Bumper system is engineered for 2007-2018 Jeep Wrangler JK and JKU Unlimited models, offering enhanced protection and off-road functionality. Constructed from durable steel, these bumpers feature integrated LED lights, D-ring shackle mounts, and a winch plate for the front bumper. The design also includes paintable trim for customization.

- **Precise Compatibility:** Designed for 2007-2018 Jeep Wrangler JK/JKU Unlimited (2/4 Doors) models.
- **Flexible Customization:** Features paintable trim to match your vehicle's aesthetic.
- **Enhanced Off-road Performance:** Includes 4 x 12W upgraded LED lights for improved visibility and D-ring shackle mounts for recovery.
- **Heavy Duty Protection:** Manufactured from 5/32" steel sheet and 2" x 0.120" wall steel tubing with a textured black powder coating for rust resistance.
- **Integrated Winch Plate:** Front bumper includes a winch plate for recovery operations.



Figure 1.1: YITAMOTOR Front and Rear Bumper System installed on a Jeep Wrangler.

## 2. SAFETY INFORMATION

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Always prioritize safety during installation and operation. Failure to follow these guidelines may result in injury or damage to your vehicle.

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on a level surface using jack stands before beginning any work.
- Disconnect the vehicle's battery before working on electrical components, such as LED lights.
- Do not overtighten bolts; refer to vehicle manufacturer specifications for torque values where applicable.
- If you are unsure about any step of the installation process, seek professional assistance.

## 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged before beginning installation. The package will be divided into two separate packages for distribution.

### 3.1 Front Bumper Components

- Front Bumper Assembly with integrated winch plate
- LED Lights (pre-installed or separate)
- D-ring Shackles with Isolators
- Bull Bar
- License Plate Bracket
- Detachable Decorative Plates (red)
- Mounting Hardware (bolts, washers, nuts)



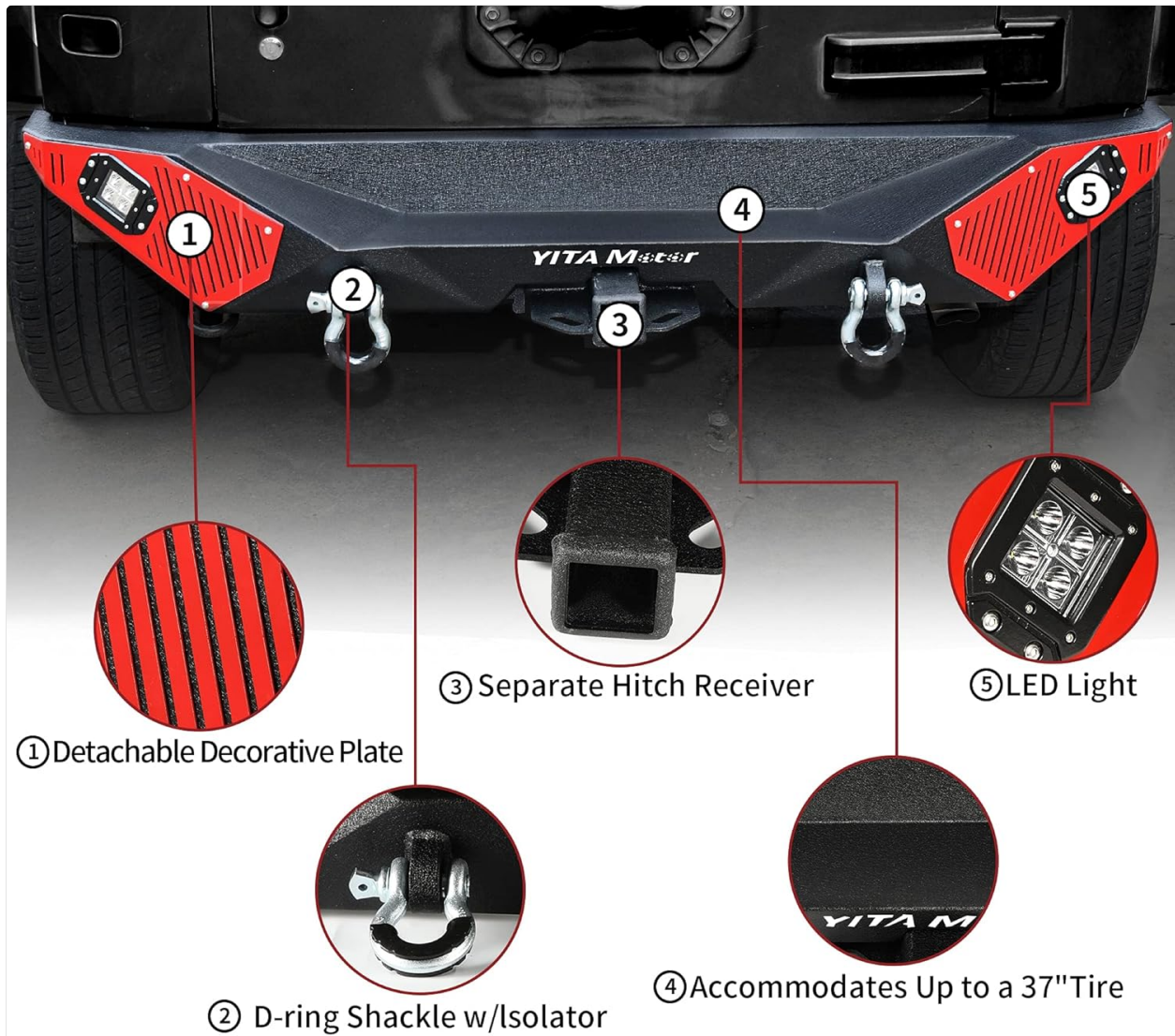
Figure 3.1: Detailed view of the YITAMOTOR Front Bumper components, including LED lights, bull bar, D-ring shackle with isolator, license plate bracket, pre-drilled mounting holes, and detachable decorative plate.

### 3.2 Rear Bumper Components

- Rear Bumper Assembly with integrated hitch receiver
- LED Lights (pre-installed or separate)
- D-ring Shackles with Isolators
- Detachable Decorative Plates (red)



- Mounting Hardware (bolts, washers, nuts)



**YITA Motor**

## User-friendly Details

Figure 3.2: Detailed view of the YITAMOTOR Rear Bumper components, including detachable decorative plate, D-ring shackle with isolator, separate hitch receiver, accommodation for up to a 37-inch tire, and LED light.

### 4. INSTALLATION GUIDE

Professional installation is recommended. If performing self-installation, ensure you have the necessary tools and follow all safety precautions.

#### 4.1 General Installation Notes

- Always refer to your vehicle's owner's manual for specific instructions on removing factory bumpers.
- Ensure all mounting surfaces are clean and free of debris.
- Hand-tighten all bolts initially to allow for adjustments before final tightening.
- For electrical connections (LED lights), ensure proper wiring and insulation to prevent shorts.

#### 4.2 Front Bumper Installation

1. Remove the factory front bumper according to your Jeep Wrangler's service manual.

2. Position the YITAMOTOR front bumper onto the vehicle's frame mounts.
3. Align the pre-drilled mounting holes on the bumper with the frame.
4. Secure the bumper using the provided mounting hardware. Ensure all bolts are properly seated and tightened to manufacturer specifications.
5. Install the D-ring shackles and any other accessories like the license plate bracket.
6. Connect the wiring for the LED lights to the vehicle's electrical system.
7. Verify the bumper is securely mounted and does not wobble. If instability is observed, re-check all mounting points and consider additional bracing if necessary, especially for winch use.

**Attention:**

Our warehouse now has two versions of the bumper, but they are the same factory and function, we will ship them randomly. Thanks for your understanding.

**Version A**



**Version B**



Figure 4.1: The YITAMOTOR Front Bumper during installation, highlighting its design for ease of mounting.

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Video 4.1: Overview of the YITAMOTOR Front Bumper with LED Lights and D-Rings, demonstrating its features and appearance.

### 4.3 Rear Bumper Installation

1. Remove the factory rear bumper and any associated components (e.g., hitch receiver) from your Jeep



Wrangler.

2. Attach the separate hitch receiver component to the vehicle's frame using the provided hardware.
3. Position the YITAMOTOR rear bumper onto the vehicle's frame mounts, aligning with the hitch receiver.
4. Secure the bumper using the provided mounting hardware. Ensure all bolts are properly seated and tightened.
5. Install the D-ring shackles.
6. Connect the wiring for the LED lights to the vehicle's electrical system.
7. Confirm all connections are secure and the bumper is stable.



Figure 4.2: The YITAMOTOR Rear Bumper during installation, showing its integration with the vehicle's rear.

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Video 4.2: Step-by-step guide on how to install the YITAMOTOR JK Rear Bumper, demonstrating the process of mounting and securing the bumper.

## 5. OPERATING INSTRUCTIONS

### 5.1 LED Lights

The integrated 12W LED lights are designed to provide additional illumination for off-road driving or improved visibility. They are typically wired to a switch in the vehicle's cabin or integrated with existing lighting circuits. Consult your installer or vehicle's wiring diagram for specific operation.

## **5.2 Winch Operation (Front Bumper)**

The front bumper includes a dedicated winch plate. When installing a winch, ensure it is securely mounted to the plate according to the winch manufacturer's instructions. Always follow safe winching procedures, including using appropriate recovery gear, wearing gloves, and maintaining a safe distance during operation. Never exceed the winch's rated capacity or the bumper's structural limits.

## **5.3 D-Ring Usage**

The D-ring shackle mounts are designed for vehicle recovery. Use only high-quality D-ring shackles with appropriate load ratings. Always ensure shackles are fully tightened before use. Never attach recovery straps or chains directly to the bumper itself, only to the designated D-ring mounts.

# **6. MAINTENANCE**

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## **6.1 Cleaning**

Regularly clean the bumper with mild soap and water to remove dirt, mud, and road grime. Avoid abrasive cleaners or harsh chemicals that could damage the powder coating.

## **6.2 Inspection**

Periodically inspect all mounting bolts for tightness, especially after off-road use. Check the bumper for any signs of damage, rust, or wear. Inspect LED lights for proper function and wiring for any fraying or loose connections.

## **6.3 Paintable Trim**

The detachable decorative trim pieces are designed to be paintable. If you choose to customize their color, ensure proper surface preparation (cleaning, sanding) and use automotive-grade paint for durability. Allow adequate drying time before re-installation.



Figure 6.1: Demonstrating the paintable trim feature, allowing for personalized customization of the bumper's appearance.

## 7. TROUBLESHOOTING

- **Bumper Wobbles After Installation:** Re-check all mounting bolts for proper tightness. Ensure the bumper is correctly seated on the frame. For the front bumper, some users have reported a need for additional bracing for maximum stability, especially when a winch is installed or heavy recovery is anticipated. Consult a professional if the issue persists.
- **LED Lights Not Functioning:** Check all electrical connections for proper wiring and secure contact. Verify the fuse in the vehicle's circuit. Ensure the switch (if installed) is working correctly.
- **Rust or Corrosion:** While the bumper features a powder coating for rust resistance, prolonged exposure to harsh elements or physical damage can lead to corrosion. Address any chips or scratches in the coating promptly with touch-up paint to prevent rust spread.

## 8. PRODUCT SPECIFICATIONS

Feature	Specification
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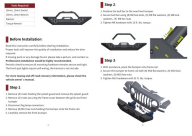

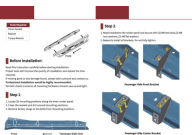
Feature	Specification
Brand	YITAMOTOR
Model Number	YTCE005960
Material	5/32" Steel Sheet, 2" x 0.120" Wall Steel Tubing
Finish	Textured Black Powder Coating
Color	Red & Black
Item Weight	Approximately 66.1 pounds (for the combined unit, individual weights may vary)
Product Dimensions	15.35"D x 72.84"W x 12.6"H (Overall)
Vehicle Service Type	Jeep Wrangler 2007-2018 JK & JKU Unlimited
Special Features	LED Lights, D-Ring Mounts, Winch Plate (Front), Hitch Receiver (Rear), Paintable Trim


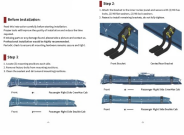
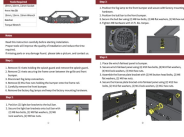
## 9. WARRANTY AND SUPPORT

YITAMOTOR offers a worry-free service for its products. We accept returns and exchanges on any defective products or those damaged during transport. For specific warranty details, claims, or technical support, please contact YITAMOTOR customer service directly.

If you have questions regarding installation or product compatibility before purchasing, please reach out to us. The manufacturer's official store can be found at: [YITAMOTOR Store on Amazon](#).

### Related Documents - YTCE005960

	<a href="#">YITAMOTOR Front Bumper Installation Guide for Jeep Wrangler JK (2007-2018)</a> Step-by-step installation instructions for the YITAMOTOR Front Bumper for 2007-2018 Jeep Wrangler JK models. Covers tools required, parts list, bumper removal, bull bar attachment, new bumper mounting, D-ring installation, and wiring guidance for LED lights.
	<a href="#">YITAMOTOR Fender Flares Installation Guide for Jeep Wrangler JK</a> Step-by-step instructions for installing YITAMOTOR Front & Rear Off-Road Steel Fender Flares on 2007-2018 Jeep Wrangler JK & JKU Unlimited models.
	<a href="#">YITAMOTOR Running Boards Installation Guide for Toyota Tundra Double Cab (2007-2021)</a> Detailed installation instructions for YITAMOTOR running boards compatible with 2007-2021 Toyota Tundra Double Cab models. Includes required tools, a comprehensive parts list, and step-by-step guidance for secure and proper mounting.

	<p><a href="#">YITAMOTOR Tow Mirrors Installation Guide for Toyota Tundra (2007-2017)</a></p> <p>Step-by-step installation instructions for YITAMOTOR® tow mirrors on 2007-2017 Toyota Tundra models. Includes wiring diagram and important notes.</p>
	<p><a href="#">YITAMOTOR Running Boards Installation Guide for Toyota Tundra (2007-2021)</a></p> <p>Detailed installation guide for YITAMOTOR 6" Running Boards Nerf Bars Side Step Black for 2007-2021 Toyota Tundra Double Cab models. Includes step-by-step instructions and part list.</p>
	<p><a href="#">YITAMOTOR Front Bumper Installation Guide for Jeep Wrangler JL &amp; Gladiator</a></p> <p>Detailed installation instructions for the YITAMOTOR Front Bumper, featuring winch plate, D-rings, and fog light compatibility for Jeep Wrangler JL and Jeep Gladiator models.</p>