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> JOYTUTUS Wrangler Mirrors Doors Off Instruction Manual for TJ & JK (1997-2018)

## JOYTUTUS A3301-00201

# JOYTUTUS Wrangler Mirrors Doors Off Instruction Manual

Compatible with Wrangler TJ & JK (1997-2018)

## INTRODUCTION

Thank you for choosing JOYTUTUS Wrangler Mirrors. This manual provides detailed instructions for the proper installation, operation, and maintenance of your new doors-off mirrors. Designed for enhanced visibility and durability, these mirrors are an essential accessory for your Wrangler TJ or JK when driving without doors.

## VEHICLE COMPATIBILITY

These mirrors are specifically designed for:

- 1997-2006 Wrangler TJ
- 2007-2018 Wrangler JK JKU

### Important Note:

- These mirrors are **NOT** compatible with 2018 Wrangler JL & JLU, 1987-1996 Wrangler YJ, or 2020-present Gladiator JT.
- These mirrors are designed for **doors-off use only** and do not fit on doors.



Figure 1: Illustration of doors-off use (top) versus doors-on (bottom). These mirrors are for doors-off configurations only.



Figure 2: Verify your Wrangler model by checking turn signal placement. Compatible models have turn signals under the headlights.

## PACKAGE CONTENTS

The package includes the following components:

- 2 x Mirrors
- Mounting Bolts
- Mounting Brackets



Figure 3: All components included in the kit.

## SETUP AND INSTALLATION

Follow these steps for a hassle-free installation:

1. **Prepare Vehicle:** Ensure your Wrangler's doors are removed before beginning installation.
2. **Remove Original Bolts:** Locate the two existing bolts on each side of the A-pillar. Use appropriate tools to remove these bolts.
3. **Position Mirror Assembly:** Align the mirror assembly with the bolt holes on the A-pillar. The design ensures a precise fit.
4. **Install New Bolts:** Insert the provided new bolts through the mirror assembly and into the A-pillar holes. Tighten securely to prevent vibration, but do not overtighten.
5. **Adjust Mirror Angle:** Once secured, adjust the mirror to your desired viewing angle.

The one-piece design simplifies installation, eliminating the need to reassemble multiple parts each time you use the mirrors.

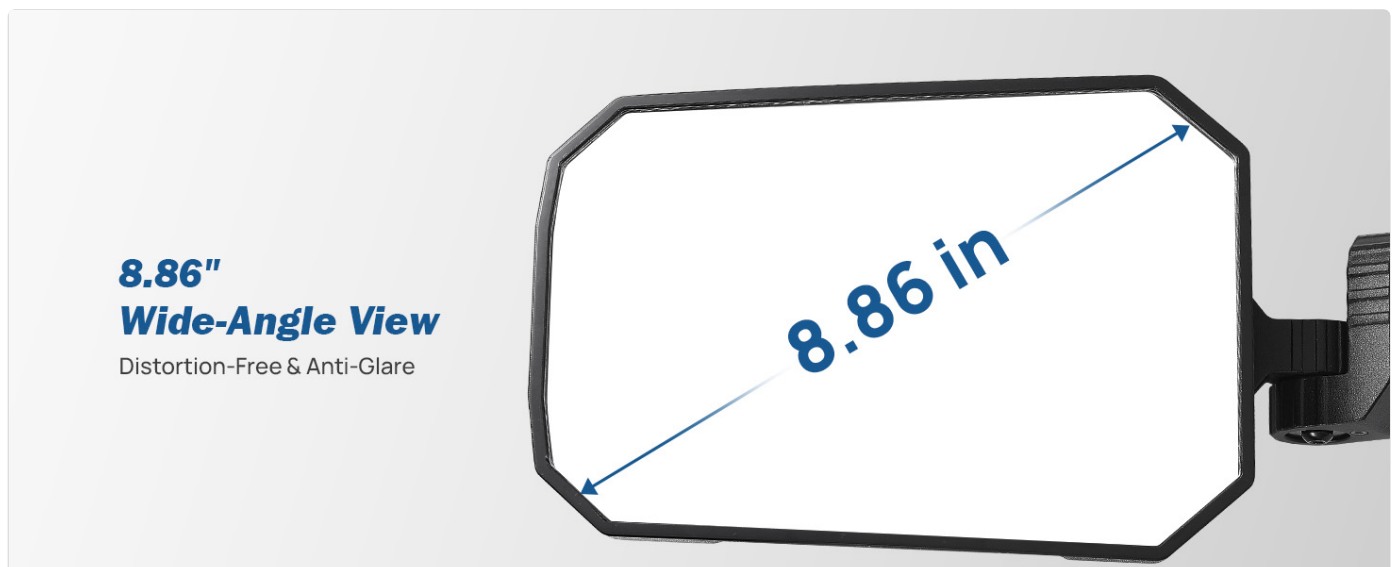


Figure 4: The 2-bolt factory-level hold ensures a secure fit without drilling or scratching. An EVA pad is included to prevent scratches and reduce vibration.

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Video 1: Official JOYTUTUS installation guide for Wrangler Mirrors Doors Off. This video demonstrates the step-by-step process of mounting the mirrors to the A-pillar.

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Video 2: Detailed installation and feature overview for Wrangler TJ JK & Unlimited mirrors. This video provides additional visual guidance for setup.

## OPERATING INSTRUCTIONS

### Adjustable Views

The mirrors offer multiple adjustment methods for optimal visibility:

- **Rotation:** Rotate the mirror up and down, or front and back.
- **360-Degree Adjustment:** The mirror can be rotated 360 degrees for comprehensive positioning.
- **Vertical/Horizontal:** Adjust the mirror vertically or horizontally to achieve a clear, distortion-free view.



Figure 5: Versatile positioning allows for both vertical and horizontal mirror adjustments.



Figure 6: The mirror offers infinite angles, including flipping, tilting, and 360-degree rotation for comprehensive visibility.

### Break Away Feature

The mirrors are designed with a "breakaway" function. In the event of an impact with an obstacle, the mirror will automatically adjust inward to help prevent damage to the mirror assembly.



Figure 7: The instant break-away feature allows the mirror to fold inward on impact, protecting it from damage.

### Noise Reduction

The streamlined design of these mirrors helps to effectively reduce wind noise, contributing to a quieter and more comfortable driving experience, especially during off-road adventures.

### Wider View and Stability

These mirrors provide an 8.9-inch wide-view mirror surface (225mm), offering a broader perspective of your surroundings. The patented dual-lock pivot system (bolt + reinforced joint) is engineered to minimize vibration and wobble, ensuring a stable and clear view even at higher speeds.



Figure 8: The 8.9-inch wide-view mirror (225mm) offers a significantly larger field of vision, allowing you to see more of what's behind you.

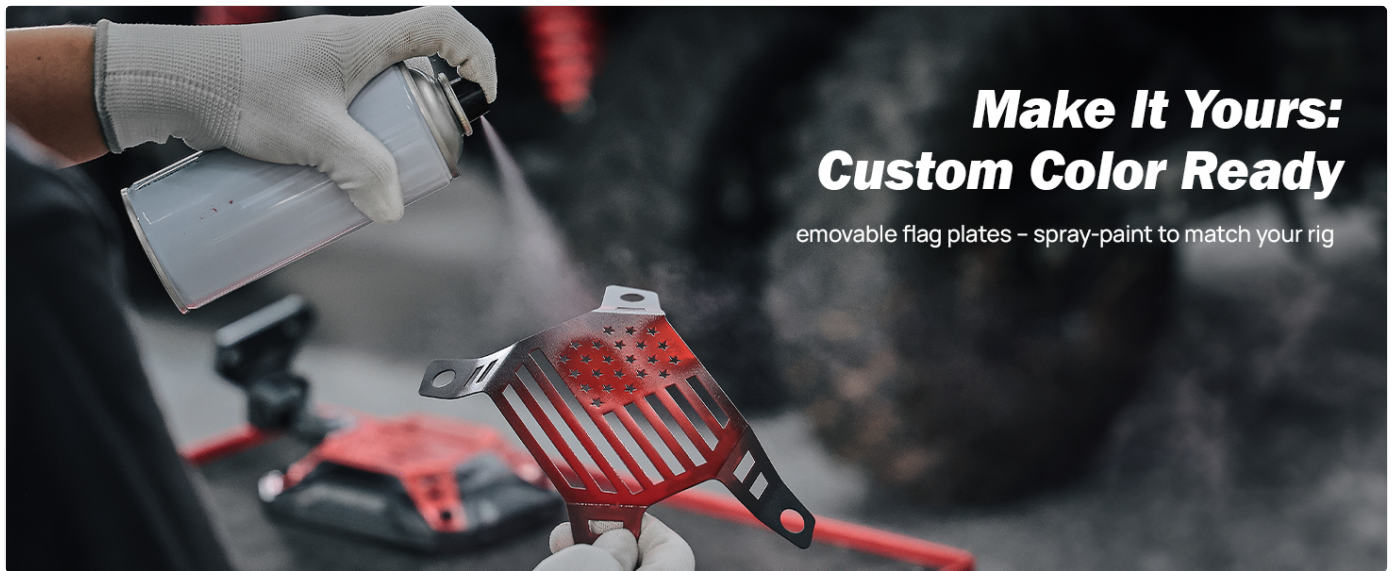


Figure 9: The dual-lock pivot (bolt + reinforced joint) is designed to eliminate mirror wobble and vibration for a stable view.

## MAINTENANCE

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To ensure the longevity and optimal performance of your JOYTUTUS Wrangler Mirrors, follow these maintenance guidelines:

- **Cleaning:** Clean the mirror glass and housing regularly with a mild automotive cleaner and a soft cloth. Avoid abrasive materials that could scratch the surface.
- **Check Tightness:** Periodically inspect all mounting bolts and adjustment points to ensure they remain securely tightened. Retighten if necessary to prevent excessive vibration or movement.
- **Inspect for Damage:** After off-road use or any impact, check the mirror housing, glass, and mounting brackets for any signs of damage. Replace any damaged components promptly.
- **Storage:** When not in use for extended periods, or if reinstalling doors, remove the mirrors and store them in a safe, dry place to protect them from environmental elements and accidental damage.

## TROUBLESHOOTING

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If you encounter any issues with your mirrors, refer to the following common problems and solutions:

- **Excessive Vibration/Wobble:**
  - Ensure all mounting bolts are securely tightened.
  - Check that the rubber washers are correctly installed to minimize vibration.
  - Verify that the mirror's pivot points are tightened sufficiently.
- **Mirror Folds Inward at Speed:**
  - This can occur if the mirror's adjustment points are not tightened enough. Securely tighten the pivot and locking set screws.
  - While the breakaway feature is designed for impact, strong wind pressure can cause movement if not properly secured.
- **Poor Visibility/Distortion:**
  - Adjust the mirror angle using the flexible adjustment methods described in the Operating section.
  - Ensure the mirror surface is clean and free from dirt or smudges.

If these steps do not resolve the issue, please contact JOYTUTUS customer support for further assistance.

## SPECIFICATIONS

Feature	Detail
Brand	JOYTUTUS
Model Number	A3301-00201
Vehicle Service Type	Wrangler TJ JK & Unlimited 1997-2018
Auto Part Position	Outside
Material	Glass, Metal, Plastic
Color	Black
Mounting Type	A-pillar Mount
Lens Curvature	Convex
Operation Mode	Manual
Included Components	Mirrors, Bolts, and Brackets

## WARRANTY AND SUPPORT

### Warranty Information

JOYTUTUS products are manufactured to high-quality standards. For specific warranty details regarding your Wrangler Mirrors, please refer to the warranty card included with your purchase or visit the official JOYTUTUS website.

### Customer Support

If you have any questions, require technical assistance, or need to report an issue, please contact JOYTUTUS customer support. You can find contact information on the official JOYTUTUS website or through your retailer.

For more information, visit the [JOYTUTUS Store](#).