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› [Samman](#) /
› [Samman 52-inch LED Light Bar Upper Windshield Mounting Brackets User Manual for Jeep Wrangler JL & Gladiator JT \(Model JL-52-1+A\)](#)

Samman JL-52-1+A

Samman 52-inch LED Light Bar Upper Windshield Mounting Brackets User Manual

Model: JL-52-1+A

1. PRODUCT OVERVIEW

The Samman JL-52-1+A mounting brackets are designed to securely install a 52-inch straight LED light bar on the upper windshield of compatible Jeep Wrangler JL and Gladiator JT models. These brackets are constructed from durable materials to ensure a stable and long-lasting installation.



Image 1.1: Samman 52-inch LED Light Bar Upper Windshield Mounting Brackets. This image displays the two black, textured metal brackets designed for mounting a light bar on a vehicle's windshield frame.

Key Features:

- **Robust Construction:** Crafted from sturdy laser-cut steel for enhanced durability.
- **Corrosion Resistance:** Features an upgraded wrinkle black powder-coated finish to resist rust and dirt.
- **Vehicle Protection:** Includes rubber gaskets to prevent damage to the vehicle's paint during installation and use.
- **Direct Bolt-On Design:** Engineered for easy installation using existing factory bolt locations.



Image 1.2: Premium Material and Design Features. This image highlights the CNC laser-cut steel, upgraded black powder coat finish, and foam pads designed to prevent scratches to the vehicle's paint.

2. SAFETY INFORMATION

Please read and understand all instructions before beginning installation. Improper installation can lead to product failure, vehicle damage, or personal injury.

- Always wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Ensure the vehicle is parked on a level surface with the engine off and the parking brake engaged.
- Disconnect the vehicle's battery before working on any electrical components, if applicable to your light bar installation.
- Do not overtighten fasteners, as this can strip threads or damage components. Refer to vehicle manufacturer specifications for torque values if available.
- If you are unsure about any part of the installation process, seek assistance from a qualified professional.

3. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before proceeding with installation. If any parts are missing or damaged, please contact Samman customer support.

- 1 pair (Left & Right) 52-inch LED light bar upper windshield mounting brackets
- Rubber gaskets and washers
- 1 set of mounting hardware (bolts, nuts, etc.)

Note: The 52-inch LED work light and light bar are NOT included with this package.



Image 3.1: Package Contents. This image shows the two main mounting brackets, a set of bolts and washers, and several rubber gaskets, illustrating all components included in the product package.

4. COMPATIBILITY

These mounting brackets are specifically designed for the following vehicle models and light bar type:

- **Compatible Vehicle Type:** Jeep Wrangler JL (2018, 2019, 2020, 2021)
- **Compatible Vehicle Type:** Jeep Gladiator JT (2018, 2019, 2020, 2021)
- **Compatible Light Bar:** 52-inch Straight LED Light Bar

It is crucial to verify your vehicle's model year and ensure you are using a 52-inch straight LED light bar for proper fitment.



Image 4.1: Compatible Jeep Models. This image displays a white Jeep Wrangler, indicating compatibility with Jeep JL and JT models from 2018-2021.

5. SETUP AND INSTALLATION INSTRUCTIONS

Follow these steps carefully to install your Samman 52-inch LED light bar upper windshield mounting brackets.

Tools Recommended:

- Socket wrench set
- Torx bit set (if required for factory bolts)
- Measuring tape (to confirm light bar size)

Installation Steps:

1. **Prepare Vehicle:** Park your Jeep on a flat, stable surface. Turn off the engine and engage the parking brake.
2. **Locate Mounting Points:** Identify the factory bolt locations on the upper windshield frame (A-pillars) of your Jeep. These brackets are designed for a direct bolt-on installation.
3. **Remove Factory Bolts:** Carefully remove any existing factory bolts from the designated mounting points. Keep these bolts organized if they are to be reused or if you need to revert to the original setup.
4. **Apply Gaskets:** Place the provided rubber gaskets onto the vehicle's paint where the brackets will make contact. This protects the paint from scratches and corrosion.
5. **Position Brackets:** Align one of the Samman mounting brackets with the factory bolt locations on one side of the windshield frame. Ensure the bracket is oriented correctly (left bracket on the left side, right bracket on the right side).
6. **Secure Brackets:** Use the provided mounting hardware (or appropriate factory hardware if specified) to attach the bracket to the vehicle. Hand-tighten all bolts first to ensure proper alignment, then progressively tighten them evenly. Do not fully tighten until both brackets are loosely installed.
7. **Repeat for Other Side:** Follow steps 4-6 for the other side of the vehicle to install the second mounting bracket.
8. **Install Light Bar:** Once both brackets are securely mounted, attach your 52-inch straight LED light bar to the designated mounting tabs on the upper part of the brackets. Use the light bar's included hardware for this step.
9. **Final Tightening:** After the light bar is in place and aligned, fully tighten all bolts on both the brackets and the light bar, ensuring a secure and stable installation.



Image 5.1: Brackets Installed on Jeep Windshield. This image shows the black mounting brackets securely attached to the A-pillar of a Jeep, ready for a light bar installation.

WHAT'S INCLUDED

- MOUNTING BRACKETS (LEFT & RIGHT)
- NECESSARY HARDWARE
- PROTECTIVE GASKETS



Image 5.2: Light Bar Mounted on Brackets. This image illustrates a smaller auxiliary light mounted on the bracket, demonstrating the functionality of the mounting points for various lighting accessories.

6. FUNCTIONALITY AND USAGE

Once installed, these brackets provide a stable and elevated platform for your 52-inch straight LED light bar. This positioning offers enhanced forward visibility, particularly useful for off-road driving or in low-light conditions. The robust design ensures the light bar remains securely in place, even under challenging driving conditions.

7. MAINTENANCE

To ensure the longevity and optimal performance of your Samman mounting brackets, follow these simple maintenance guidelines:

- **Regular Inspection:** Periodically check all mounting bolts for tightness. Vibrations from driving can sometimes loosen fasteners over time.
- **Cleaning:** Clean the brackets with mild soap and water. Avoid abrasive cleaners or harsh chemicals that

could damage the powder-coated finish.

- **Corrosion Check:** Inspect the brackets and surrounding vehicle areas for any signs of rust or corrosion, especially after exposure to harsh weather conditions or road salt. Address any issues promptly.
- **Gasket Integrity:** Ensure the rubber gaskets remain in place and are not cracked or deteriorated, as they protect your vehicle's paint.

8. TROUBLESHOOTING

If you encounter issues during or after installation, consider the following:

- **Brackets Do Not Fit:** Double-check the compatibility section (Section 4) to ensure your vehicle model and year are supported. Some specific sub-models (e.g., Mojave, 392 Wrangler) may have different hood or windshield frame designs that affect fitment.
- **Loose Fit/Vibration:** Ensure all bolts are tightened securely and evenly. Verify that the rubber gaskets are properly seated between the bracket and the vehicle surface.
- **Missing Hardware:** Refer to the Package Contents section (Section 3). If parts are missing, contact Samman customer support. Do not attempt to substitute with incorrect hardware.
- **Paint Damage:** Ensure rubber gaskets are correctly positioned before tightening. If paint damage occurs, it may be due to improper gasket placement or overtightening.

9. SPECIFICATIONS


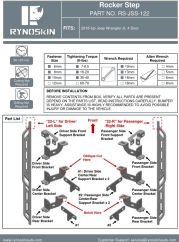




Specification	Detail
Model Number	JL-52-1+A
Brand	Samman
Material	Heavy Duty Steel with Powder Coat Finish
Color	Wrinkled Black
Item Weight	10.03 pounds
Package Dimensions	33 x 12 x 7 inches
Mounting Type	Corner Mount
Compatible Light Bar Size	52-inch Straight LED Light Bar
UPC	791809655590

10. WARRANTY AND SUPPORT

Samman products are manufactured to high-quality standards. For specific warranty information or technical support, please refer to the product packaging or contact Samman customer service directly. Keep your purchase receipt for warranty claims.

For further assistance, please visit the official Samman website or contact their customer support channels.

Related Documents - JL-52-1+A

 <p>MAGNUSON SUPERCHARGERS Installation Instructions for: 2018-2021* Jeep JL and JT (Not For eTorque)</p> <p>*This Supercharger System is NOT permitted to be used with the eTorque Fuel System. 11 OCTANE GASOLINE FUEL REQUIRED.</p>	<p>Magnuson Supercharger Installation Instructions for 2018-2021 Jeep JL and JT</p> <p>Detailed installation manual for the Magnuson Supercharger Kit for 2018-2021 Jeep JL and JT models (excluding eTorque). Includes tools required, preparation steps, and component removal/installation guidance.</p>
 <p>RYNOSKIN Rocker Step PART NO. RS-JSS-122</p>	<p>Rynoskin Rocker Step Installation Guide for Jeep Wrangler JL</p> <p>Detailed installation instructions for Rynoskin Rocker Steps (Part No. RS-JSS-122) designed for 2018-Up Jeep Wrangler JL 4 Door models. Includes parts list, hardware specifications, and step-by-step assembly guidance.</p>
 <p>JL AUDIO Stealthbox® SBX-J-JLTAILGT/12TW3</p>	<p>JL Audio Stealthbox SBX-J-JLTAILGT/12TW3 Installation Guide for Jeep Wrangler JL</p> <p>Comprehensive installation guide for the JL Audio Stealthbox SBX-J-JLTAILGT/12TW3 subwoofer enclosure, designed for the 2018-Up Jeep Wrangler JL. Includes hardware list, step-by-step instructions, and driver fitment information.</p>
 <p>YITAMOTOR Rock Crawler Front Bumper with LED Lights and D-Rings</p>	<p>YITAMOTOR Jeep Wrangler JL/Gladiator Front Bumper Installation Guide</p> <p>Detailed installation instructions for the YITAMOTOR Rock Crawler Front Bumper with LED Lights and D-Rings for 2018-2025 Jeep Wrangler JL and 2020-2025 Jeep Gladiator models. Includes tools required, parts list, and step-by-step assembly guidance.</p>
 <p>Wet Sounds Jeep WRANGLER AUDIO KIT Installation Guide</p>	<p>Wet Sounds Jeep Wrangler Audio Kit Installation Guide (JEEP-JL-LVL1-C)</p> <p>Step-by-step installation guide for the Wet Sounds JEEP-JL-LVL1-C audio kit, designed for 2018-2023 Jeep Wranglers. Covers disassembly, amplifier bracket, power and audio harness routing, speaker and subwoofer installation, level control setup, and warranty information.</p>
 <p>Offroad Clamp Installation Instructions</p>	<p>Offroad Clamp Installation Instructions for Jeep Wrangler JL & Gladiator JL</p> <p>Step-by-step installation guide for the Offroad Clamp mount designed for 2018-2022 Jeep Wrangler JL and Gladiator JL models. Includes safety warnings, component list, and fitting notes.</p>