



# INSTALLATION INSTRUCTIONS

## ATV BUMPER

Part Number: 65903  
Application: '02+ Suzuki Vinson,

As you read these instructions, you will see **NOTES**, **CAUTIONS**, and **WARNINGS**. Each message has a specific purpose. **NOTES** are additional information to help you complete a procedure. **CAUTIONS** are safety messages that indicate a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. A **CAUTION** may also be used to alert against unsafe practice or possible equipment damage. **WARNINGS** are safety messages that indicate a potentially hazardous situation, which, if not avoided could result in serious injury. **CAUTIONS** and **WARNINGS** identify the hazard, indicate how to avoid the hazard, and advise of the probable consequence of not avoiding the hazard. **PLEASE WORK SAFELY!**

### Before You Begin

Review the contents of the box to make sure all the parts listed below are present. Next, read the instructions before you begin the installation.

### I. Parts List

<u>Part #</u>	<u>Description</u>	<u>Qty</u>
65901	Bumper, Suzuki Vinson	1
66320	Fastener Kit, Bumper, Vinson	1
65896	Strap, Bumper Mount	2
	1/4-20 Nylock Nut	18
	U-Bolt, 1/4-20 x 1"	4
	1/4-20 x 5/8" Socket Screw	10
66117	Bracket, Mounting, R, Vinson	1
66116	Bracket, Mounting, L, Vinson	1

### II. Tools Required

Wrench: 3/16" Allen  
Socket: 7/16", 12mm  
Ratchet  
Flat Screwdriver

### 1. Install Top Mounting Bracket:

To begin the installation of the Bumper, the front plastic fascia will need to be removed so the Top Mounting Bracket can be installed behind the plastic fascia (Figure 3).

Use a 12mm socket and ratchet to remove the front rack bolts that secure the rack to the front subframe/bumper (Figure 1).

Use a flat blade screwdriver to remove the plastic rivets under the plastic fascia (Figure 2). The center part of the rivet will need to be pulled out before the rivet can be removed.



FIGURE 1: Remove Front Rack Bolts



FIGURE 2: Remove Plastic Rivets

Once the fascia is removed, the Top Mounting Bracket can be installed (Figure 4). The bracket must be installed between the front sub frame and body plastic. The U-Bolts must be installed from the front and extend toward the plastic. The body plastic can be trimmed if needed to ease installation of the U-Bolts.

After the Top Mounting Bracket has been installed, tighten the mounting hardware securely and then reinstall the fascia with the fasteners and rivets removed.



**FIGURE 3: Install Top Mounting Bracket**

## 2. Install Mounting Brackets

Install the Mounting Straps as shown (Figure 4). Notice the orientation of the strap. The front of the strap should be angled out.

Use 1/4-20 x 5/8" socket head screws and 1/4" Nylock Nuts to fasten the Straps to the Top Mounting Bracket.



**FIGURE 4: Install Mounting Straps**

The Right and Left Mounting Brackets will be fastened to the subframe tubes that extend back on both sides of the radiator (Figure 5).

Use a 12mm socket and ratchet to remove the fasteners securing the subframe behind the radiator.



**FIGURE 5: Remove Rear Subframe Bolt**

Install the Right and Left Mounting Brackets so the flanges are over the top of the tubes and the rear of the brackets are fastened with the 8mm fasteners removed with 12mm socket. Insert the U-Bolts around the subframe tubes and into the brackets so the bolts are pointing up. Secure the U-Bolts with 1/4" Nylock Nuts.



**FIGURE 6: Install Side Mounting Brackets**

Install the Bumper onto the Mounting Brackets and Straps as shown (Figure 7). The Bumper should be installed over the Straps and Brackets. Use 1/4-20 x 5/8" socket head screws and 1/4" Nylock Nuts to secure the bumper to the brackets.

If WARN Trail Lights are being installed, mount them to the top of the bumper where mounting straps secure to the bumper.

Installation is now complete. Check all fasteners to make sure they are secure.



**FIGURE 7: Secure Bumper to Brackets**