



INSTALLATION MANUAL FOR SD0009A & SD0011A

JEEP JL/JLU/JT SAVVY KRAWLER LITE ALUMINUM FRONT BUMPER WITH AND WITHOUT HOOP



BEFORE POWDERCOATING OR PAINTING OR INSTALING CHECK TO MAKE SURE YOU HAVE ALL THE CORRECT PARTS AND TEST FIT PARTS TO ENSURE PROPER FITMENT IF THERE ARE ISSUES

*******PLEASE CONTACT US *******

SAVVYOFFROAD.COM OR 801-876-9599

Dear customer: Thank you for purchasing our SAVVY KRAWLER LITE FRONT BUMPER for your Jeep Vehicle. We are sure you will be happy with the system after your installation is complete. Please take your time during the installation and be sure to do it correctly. Completely read the directions before starting your installation so you know what to expect. If you have any questions, call (801-876-9599).

AGAIN, IF YOU ARE MISSING ANYTHING PLEASE CALL US RIGHT AWAY BEFORE INSTALLING AND TEST FITTING. BEFORE POWDERCOATING OR PAINTING OR INSTALLING CHECK TO MAKE SURE YOU HAVE ALL THE CORRECT PARTS AND TEST FIT PARTS TO ENSURE PROPER FITMENT. IF THERE ARE ISSUES, PLEASE CONTACT US AT SAVVYOFFROAD.COM WE WILL NOT TAKE BACK OR SWAP OUT PARTS THAT HAVE BEEN POWDER COATED!

WARNING

- Properly block and secure vehicle prior to installation.
- Always wear safety glasses when using power tools.
- SAVVY recommends the use of Loctite on all hardware, unless noted otherwise.
- Read and understand all instructions, warnings and safety precautions in these instructions and your owner's manual before attempting to install these components. Inspect all parts for damage or defects before installation.
- Proper installation of SAVVY products requires knowledge of recommended procedures for disassembly/assembly of OE vehicles and components. Access to OE shop manuals and special tools are required. Attempting to install this kit without knowledge of these procedures may affect the safety of your vehicle and or the performance of these components. SAVVY strongly recommends that this system be installed by a certified mechanic with off-road experience.

Tool Disclaimer

The installation of your vehicle's bumper will require the use of power tools to safely and successfully complete the modifications. For your convenience, we have prepared a small list of tools which are either required or helpful for the installation of your JEEP JT GLADIATOR Rear Bumpers. Always use trustworthy tools.

Tools Needed:

Ratchet wrench

Socket set (8mm, 16mm, 18mm)

Trim removal tool or flathead screwdriver

Panel clip pliers (optional)

Small pick tool or screwdriver (for electrical connectors)

Drill and ½" Drill Bit

Step-by-Step Instructions For Removing The Factory Bumper:

Step 1: Preparation

Park your Jeep on a flat, level surface and engage the parking brake.

Turn off the vehicle and remove the keys.

Step 2: Disconnect Fog Lights

If equipped, disconnect fog light connectors behind the bumper.

Reach under or behind the bumper and locate the electrical connector on each fog light.

Use a small pick tool or flathead screwdriver to press the tab on each connector, then carefully disconnect the plugs.

Step 3: Remove Lower Splash Guard

Using the 8mm socket and ratchet, remove the screws securing the plastic splash guard to the bottom of the bumper.

Carefully pull down and remove the splash guard. Set aside safely.

Step 4: Remove Plastic Bumper Trim Clips

Using the trim removal tool or flathead screwdriver, remove the plastic push clips along the upper trim that connects the bumper to the frame, located between the grille and bumper.

Set aside clips for reinstallation or future use. (NOT NEEDED FOR THE SAVVY FRONT BUMPER)

Step 5: Remove Outer Bumper Support Brackets

Locate the outer bumper support brackets on each side of the bumper (near each wheel well).

Using the 16mm socket, remove the bolts (two bolts per side) attaching the brackets to the bumper and frame. Set bolts and brackets aside. SAVE THE X2 M10 BOLTS FOR REUSE WITH THE SAVVY WINCH PLATE.

Step 6: Remove Main Bumper Bolts

Using an 18mm socket, remove the eight main bumper bolts:

Four bolts on each side of the bumper attaching it directly to the frame horns (accessible from behind and below the bumper).

Once these bolts are removed, the bumper will be free, so ensure you support it carefully.

Step 7: Carefully Remove the Front Bumper

Firmly grip the bumper from both sides.

Slowly slide the bumper forward off the frame horns, making sure not to damage any connectors or surrounding trim.

Place the bumper in a safe location to prevent damage.

Safety Tips:

Always wear protective gloves and eye protection.

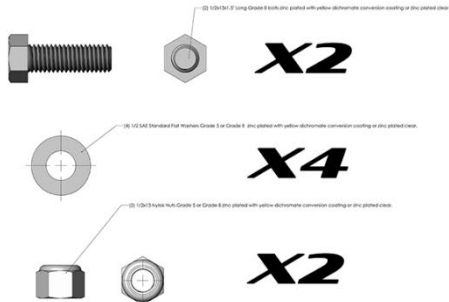
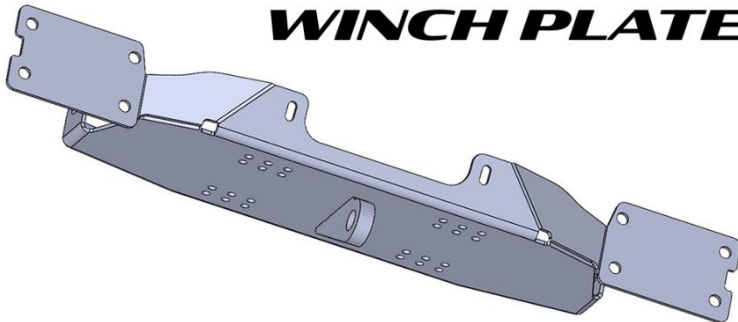
Ask a helper to support and safely lift the bumper to avoid injury or damage.

Your Jeep Wrangler's factory front bumper is now successfully removed!

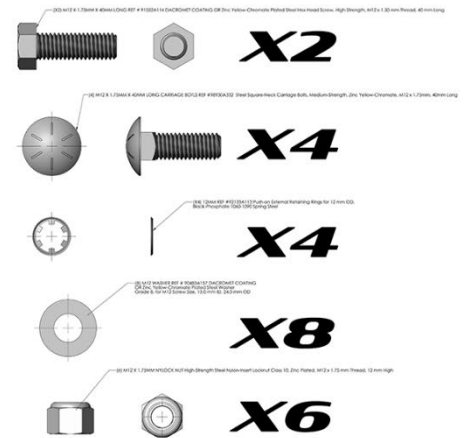
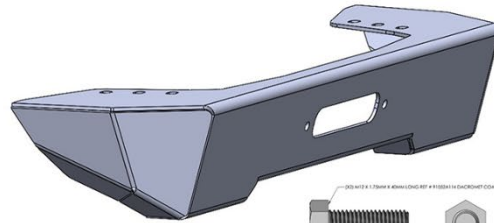


IN THE BOX

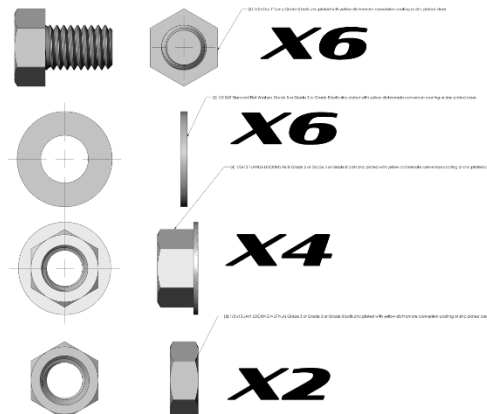
BOX: SD0001 WINCH PLATE



BOX: SD0002 FRONT SKIN



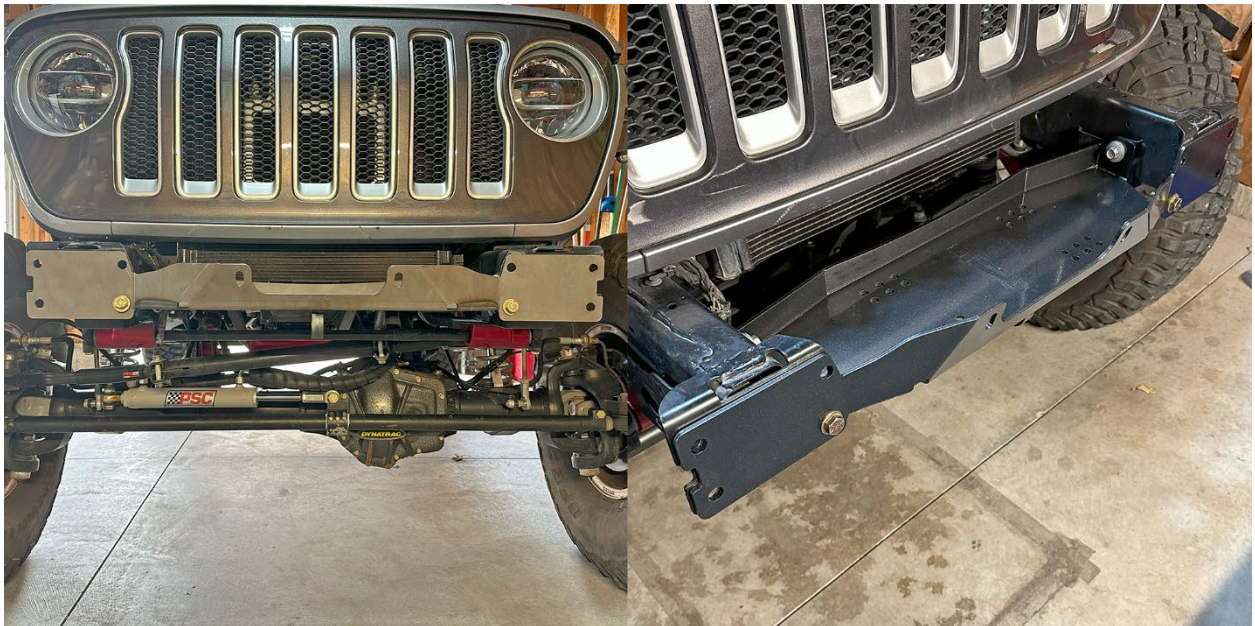
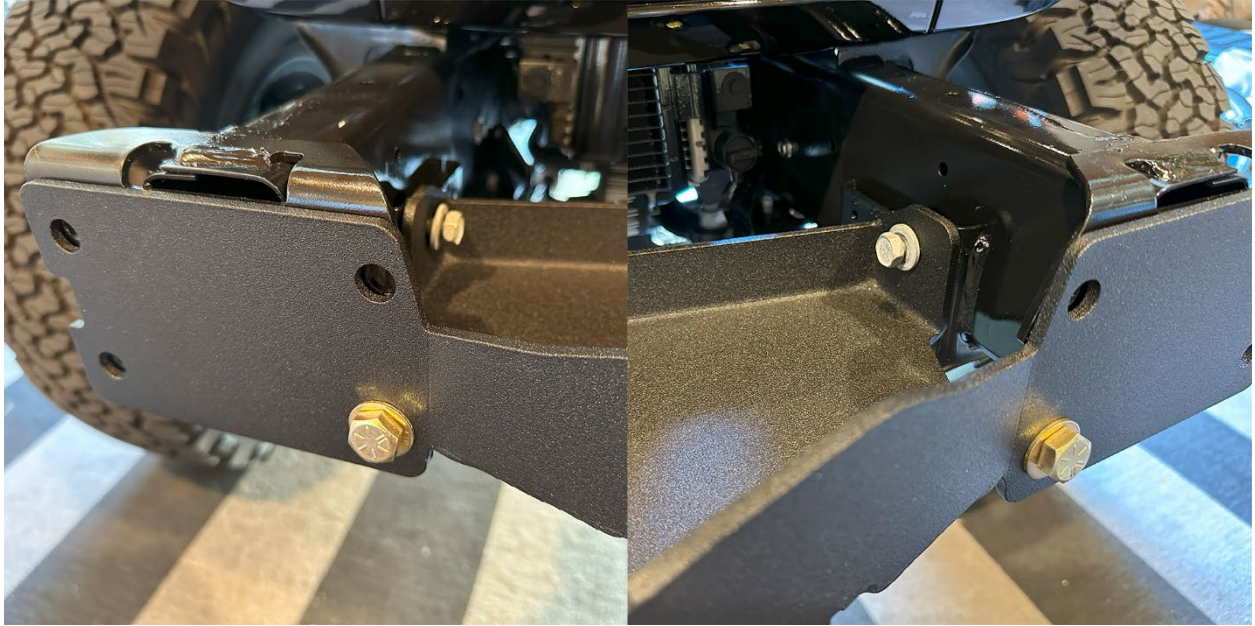
BOX: SD0003 FRONT HOOP



Installation

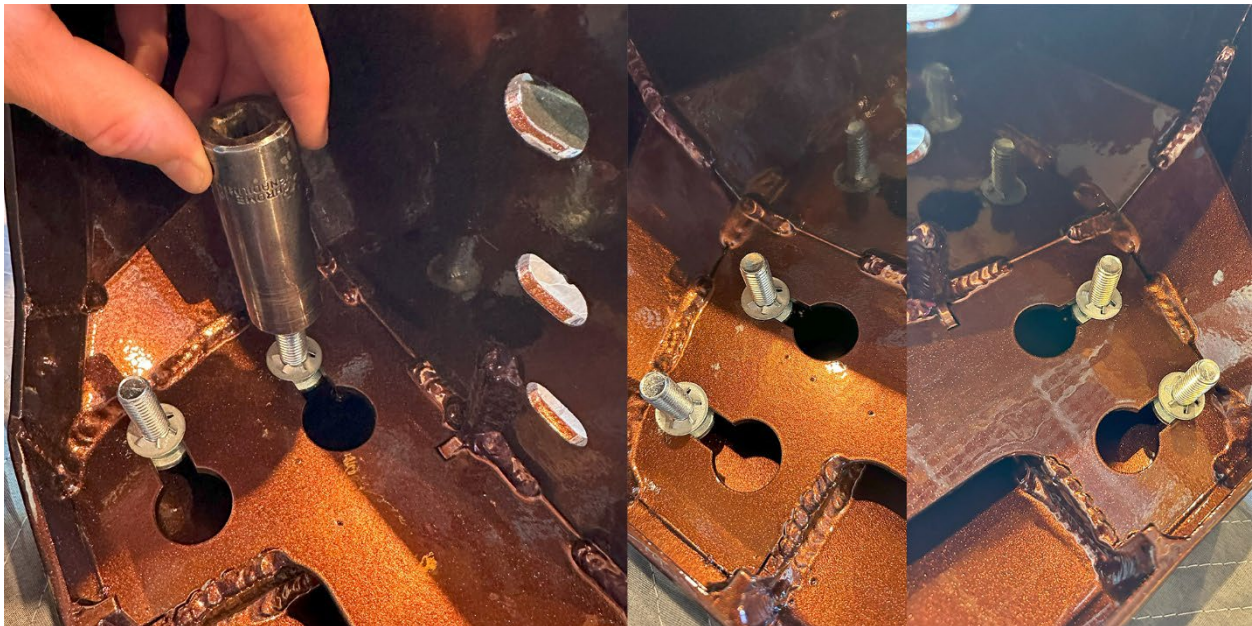
Step 1: Install The Winch Mounting Plate

First chase / drill all 8 frame plate holes with the ½" drill bit, then loosely bolt in the Savvy winch plate using the supplied X2 ½ bolts, washers and nylock nuts along with the X2 factor M10 bolts removed from the inside of the frame. The X2 ½" hardware will go in the lower inside holes of the frame plate as shown in the diagram below. (REMBER TO LEAVE EVERYTHING LOOSE UNTIL EVERYTHING IS INSTALLED).



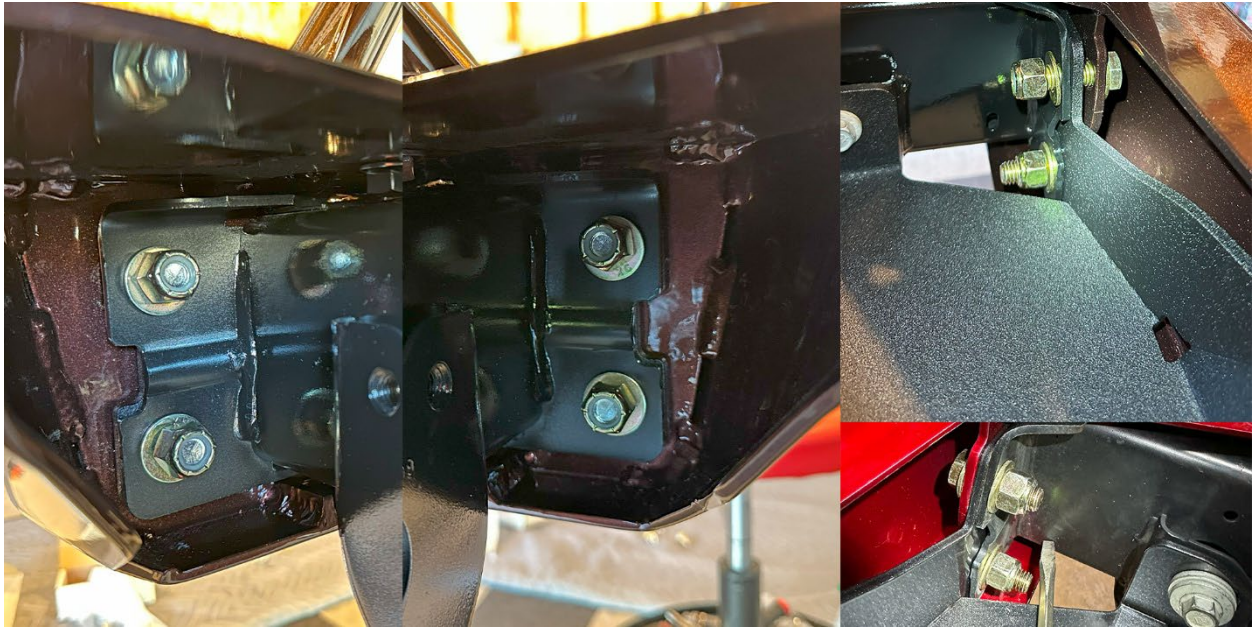
Step 2: Prepare The Aluminum Krawler Lite Front Skin

Now we can prepare the front skin to be installed. Using the supplied X4 ½" OR X4 M12 carriage bolts and the X4 retaining rings, slide the carriage bolts into the outer two slotted holes in the frame mounting plates of the front skin and install the retaining rings to capture and hold the carriage bolts. Quick tech tip use a socket to press on the retaining ring before sliding the carriage bolts into the bumper skin. See the diagram below.



Step 3: Install the Front Skin onto the JEEP & Winch Plate

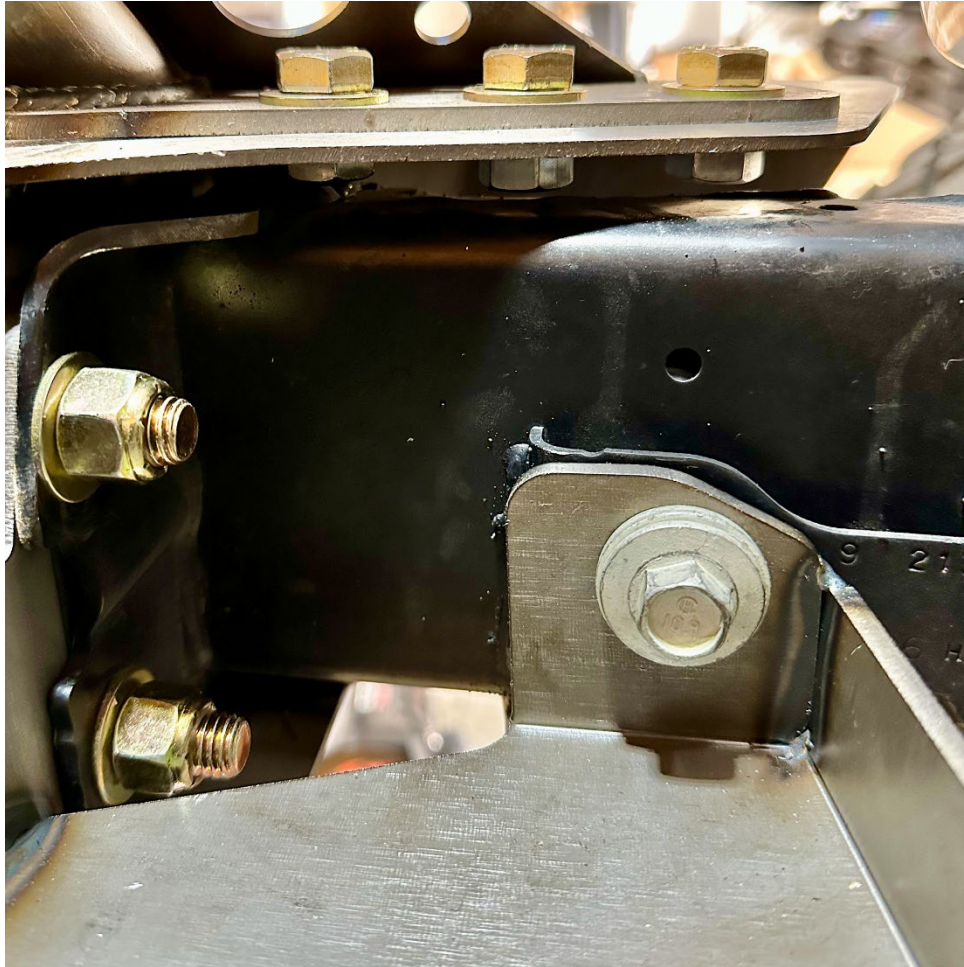
Now that you have the carriage bolts installed on the front skin you can now “LOOSELY” install front skin. Align the front skin with the front frame plates and winch plate and position the carriage bolts in place with the outer 4 frame plate holes then push the front bumper skin on. Using the supplied X4 ½” or M12 washers and nylock nuts, loosely install the nuts onto the carriage bolts. Next using the X2 ½” bolts, washers and nuts, install these into the upper inside frame plate holes. The bolts will pass through the bumper skin, winch plate and frame plate. See the diagram below. *****KEEP EVERYTHING LOOSE*****



If you are installing this bumper with a hoop continue onto step: 4. If you are installing this without a hoop skip to step: 5.

Step 4: Install Front Bumper Hoop

The front bumper hoop needs to be installed with the front bumper skin loose. Using the supplied hardware X6 ½” X 13 X 1” long bolts, X6 ½” washers, X4 ½” X 13 serrated flange nuts and X2 ½” X 13 thin “jam” nuts. The ½” thin nuts are used on the two front holes of the front hoop, the ½” serrated flange nuts are used on the back 4 holes of the hoop. We recommend using Loctite on the minimum front the thin nuts. We typically use Loctite on all the bumper hoop nuts. Position the hoop and loosely install the 6 mounting bolts washers and nuts. Next you can center the hoop on the bumper skin and then fully tighten the hoop to the skin. See the diagram below.



Step 5: Install Fairlead and Winch

Now is the time to install the fairlead and winch if you are installing one. Center the front skin with the winch plate and install the fairlead. You can fully tighten and install the fairlead. For the rest of the winch install use the winch manufacturers install instructions.

Step 6: Fully Tighten the Winch Plate and Front Skin

Now that you have installed your winch you can now fully tighten up the winch plate and front skin. This completes the install for the Savvy Krawler Lite Front Bumper.



Installation Complete – Your Jeep JL/JLU/JT is Trail-Ready!

Congratulations! You've just installed the highest clearance bolt on Jeep JL/JLU/JT front bumper in the world, giving you unmatched approach angles and ultimate off-road capability. Your bumper no longer limits your trail choices—it's time to put it to the test!

Now, get out there and hit the trails! If you have any questions or need assistance, don't hesitate to reach out. WWW.SAVVYOFFROAD.COM OR Call: 801-876-9599 See you on the trails!

NOTES: