Step 1 Vanguard Front Bumper Install Instructions



Step by step on how to install the Jeep Wrangler JK Full-width Vanguard Front Bumper. Please read all steps carefully before starting the install. Installation Video: https://www.youtube.com/watch?v=SLiDcrZ3Oj0 Questions or Support: Phone: 269-353-1184 Email: info@jcroffroad.com

Step 2 Included Parts

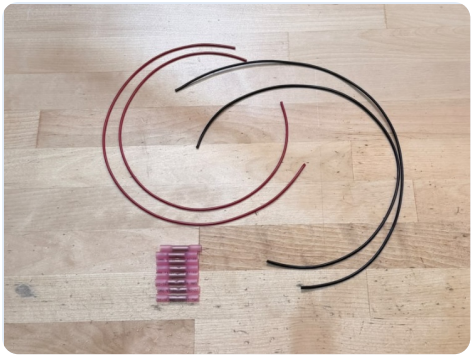


Check that you have all of the parts shown before starting.

Note: The bull bar is an optional add-on and is not required. Your bumper may not include it.

Step 3 Included Hardware





Check that you have all of the hardware shown before starting.
Wiring is used for extending factory fog light harness to fit the wider bumper.

Step 4 Remove Pushpins



Using a flathead screwdriver, pop out the four pushpins that hold the lower plastic valance to the bottom of the factory bumper. Video timestamp: 0:22

Step 5 Remove Lower Valance



Pull the lower plastic valance off the bumper and set it aside. Video timestamp: 0:28

Step 6 Remove Filler Panel Pushpins



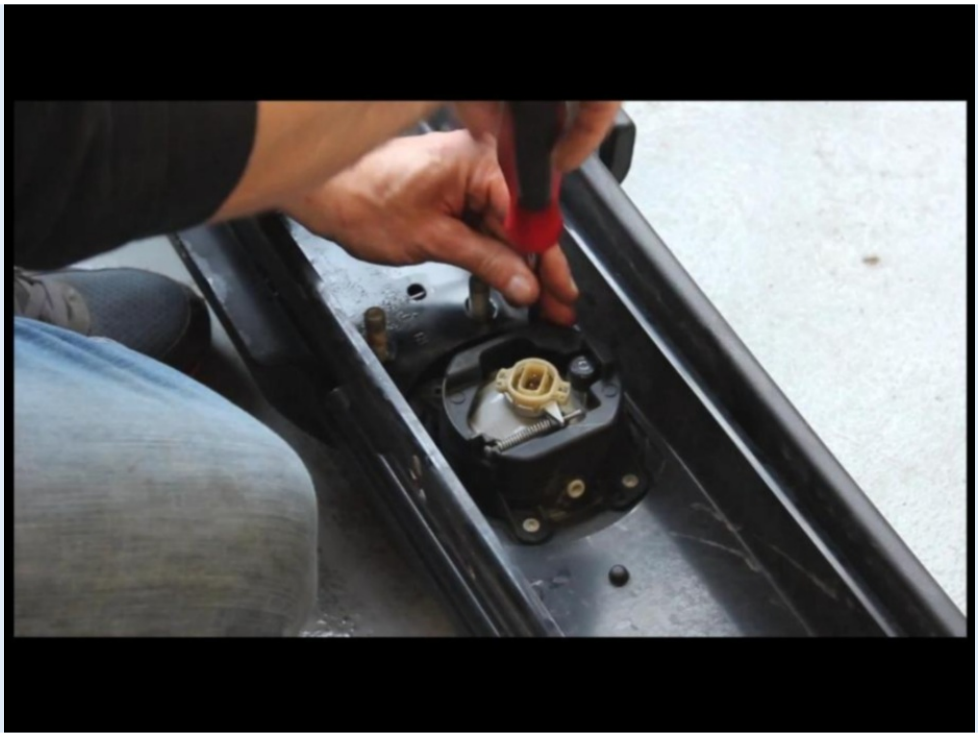
Using an 18mm socket, remove the eight nuts (four per side) that hold the factory bumper to the frame. Then pop out the pushpins along the upper filler panel. Video timestamp: 0:38

Step 7 Remove Factory Bumper



With a helper, slide the factory bumper and upper filler panel forward off the frame studs. Unplug the fog light connectors as the bumper comes off. Video timestamp: 0:44

Step 8 Remove Fog Lights



Using a Phillips screwdriver, remove the screws holding each factory fog light in the factory bumper and pull both lights out. They are reused in the new bumper. Video timestamp: 0:48

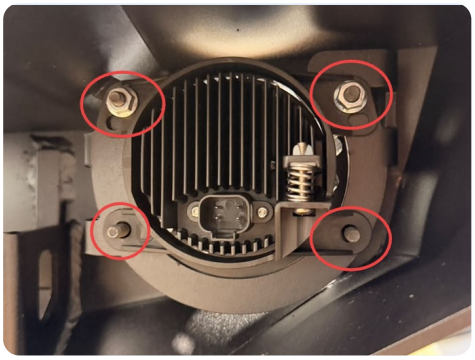
Step 9 Enlarge Fog Light Holes

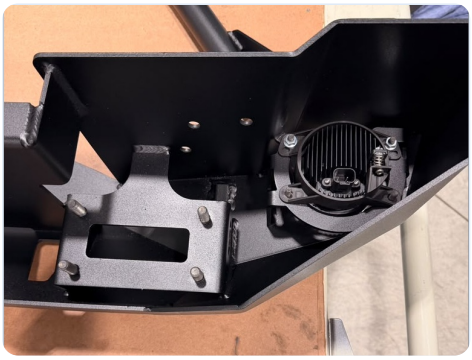


Using a 1/4 in. drill bit, drill out the mounting holes on each factory fog light so they fit over the studs on the JCR bumper. Video timestamp: 0:55

Step 10 Install Fog Lights

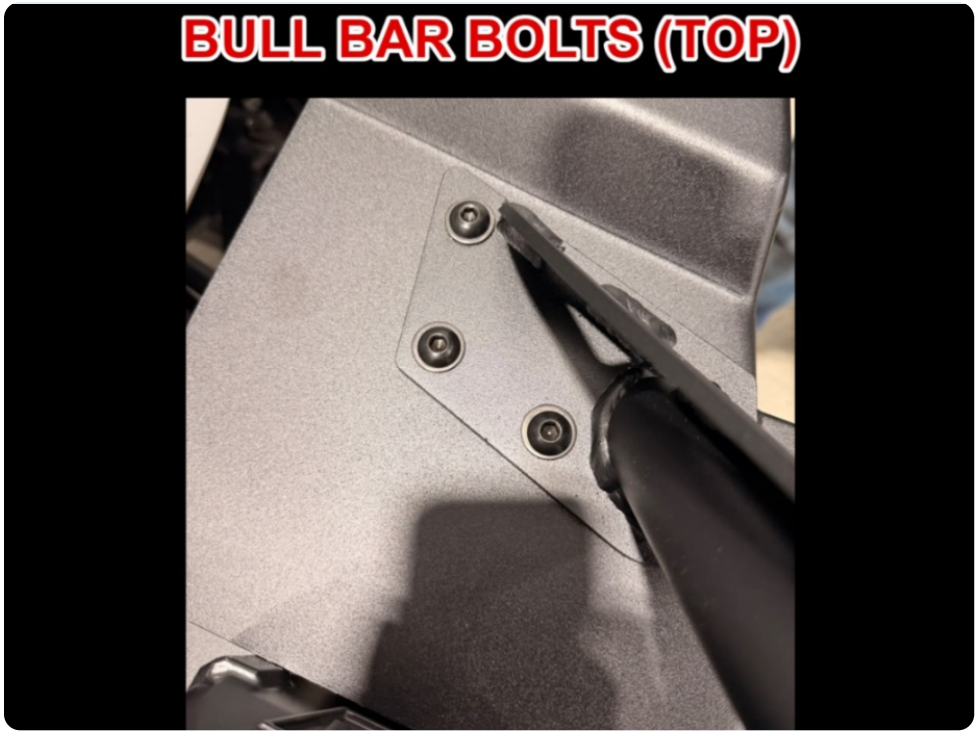






Remove the flange nuts from the fog light studs on the new JCR bumper. Set each fog light over its studs, reinstall the flange nuts and tighten them with a 7/16 in. socket. Video timestamp: 1:00

Step 11 Install Bull Bar (Optional)





Only do this step if your bumper came with the bull bar (tube work).

1. Set the bull bar onto the mounting plates on top of the bumper and line up the three holes on each side.
2. Install the supplied button head bolts down through the bull bar plate and the bumper (first picture).
3. From underneath the bumper, thread a flange nut onto each bolt (second picture) and tighten everything down.
4. Repeat on the other side.

Step 12 Check Vacuum Pump Clearance



On 2012 and newer JKs, the vacuum pump behind the bumper will hit the bumper and needs to be relocated. 2012 to mid 2013 Jeeps use studs to hold the pump, later Jeeps use a bolt. Video timestamp: 1:42

Step 13 Remove Vacuum Pump from Factory Mount



Using a ratchet, remove the nuts holding the vacuum pump to its factory mount. Leave the vacuum hoses and wiring connected.

Step 14 Install Relocation Bracket

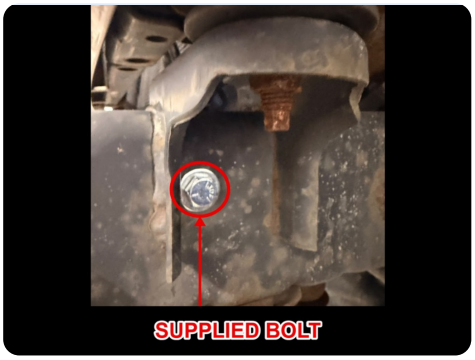




Set the black JCR relocation bracket in place at the factory pump mounting location. The bracket installs with hardware pack 046-0315 (shown).

Step 15 Secure Relocation Bracket



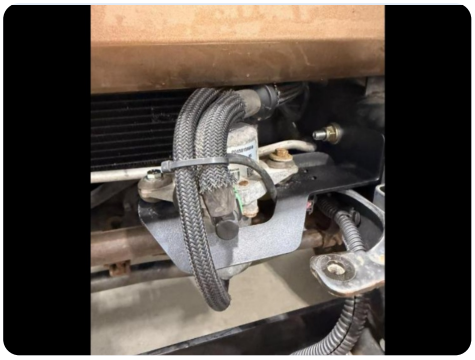


Secure the relocation bracket with the supplied 046-0315 hardware. Install the washer and flange nut on the bracket's side tab and install the supplied bolt as shown, then tighten the hardware.

Step 16 Mount Vacuum Pump to Bracket







Set the vacuum pump onto the new relocation bracket and tighten everything down. Make sure the vacuum hoses and wiring are not pinched or stretched before installing the bumper.

Step 17 Trim Frame Horns



If you run a large winch (such as a Warn Zeon), mark and trim the front frame horns so the winch sits without hitting the frame. This is easier to do before installing the bumper. Video timestamp: 3:30

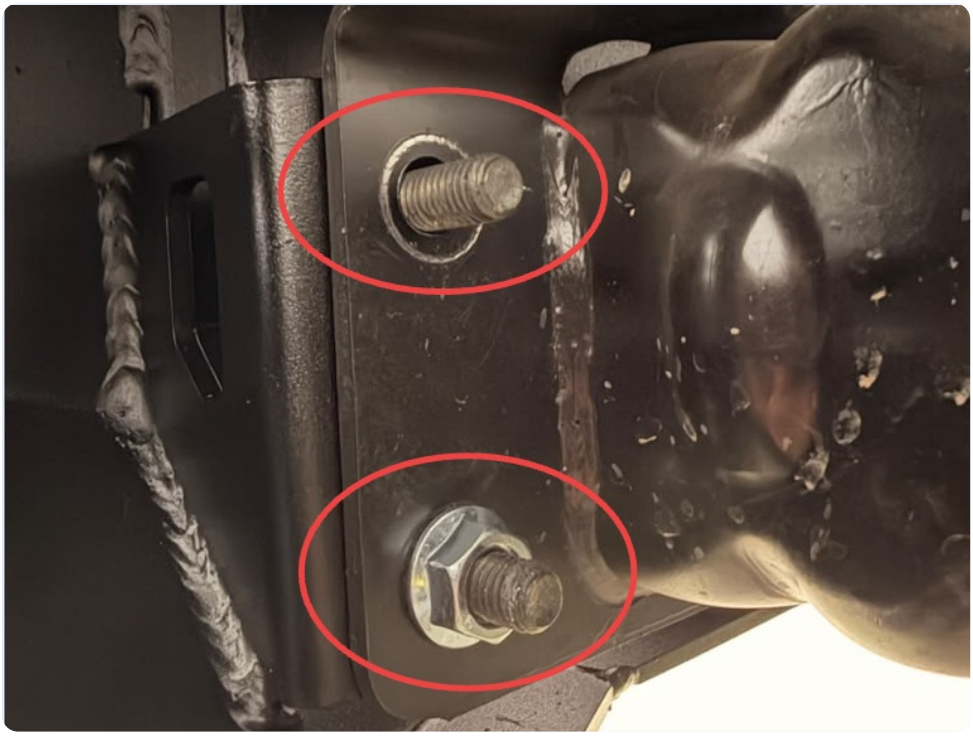
Step 18 Install Bumper

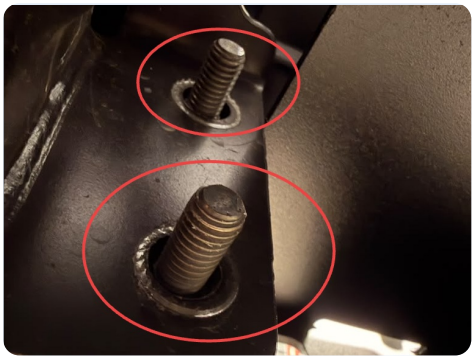




With a helper, lift the bumper into place. Angle it over the frame horns so the side holes line up, then loosely install the 3/8 in. side frame mounting bolts. Video timestamp: 4:02

Step 19 Install Flange Nuts





Thread the factory flange nuts back onto the frame studs, four per side, and tighten them with an 18mm socket. Then tighten the 3/8 in. side frame bolts and plug the fog lights back in. Video timestamp: 4:08

Step 20 Installation Complete



Confirm all hardware is tightened. Congrats! Your installation of the Jeep Wrangler JK Full-width Vanguard Front Bumper is now complete. Enjoy!