

INSTALLATION GUIDE

Jeep JK Wrangler Core Series Front





Included Hardware:

Expedition One Core Series Front Winch Bumper

Keep the OEM hardware when you remove the bumper. You will reuse some of it

10 ½" washers

10 ½" x 1" bolts

4 "dogbone" mounting plates with nuts welded in each end

2 light port brackets with small nuts and bolts

Fairlead brackets

Tools:

standard socket set, & wrenches, Hacksaw or Dremel Tool and a Tap Wrench are all that are needed though ratchet wrenches can help make the job easier.

Skill Level:

4/5 stars (Professional install recommended)

Pre-Installation Preparations

If you are installing a winch you must install the fairlead before installing the winch. If you are installing auxiliary lights for underneath the hoop, we recommend that you install them before you install the winch. The fairlead holes in the bumper may be too small for some fairlead bolts. We recommend swapping out the bolts for a grade 8, 3/8" bolt, or you may choose to drill the holes out for the bigger size if desired.

Remove Stock Front Bumper

Remove stock outer bumper and plastic shrouding: First remove the obnoxious plastic air dam that sits below the stock bumper. This will allow easy access to the bumper bolts. If your vehicle is equipped with the factory fogs, it is easiest to let them remain in the bumper for now.



Remove Front Bumper(cont)

Undo the wiring plugs on the back of each light. After that, all you need to do is remove the 8 bolts, 2 on the inside and 2 on the outside of each frame rail respectively. Your bumper should be free at this point.



Remove Front Bumper (Continued)

You will also want to remove the plastic trim piece that sits under the bumper and grill. It is held on with plastic retaining screws. You have 2 options: 1) Carefully and slowly, with little downward pressure, undo the screws and back them out. If that doesn't work go with the next option, which is usually faster. 2) Get a good grip on the trim piece and yank it off. You will also want to unclip the plastic retainer pieces on the frame that hold the stock light wiring harness on, if your vehicle is so equipped. You should be ready now to install your bumper.

2012 Relocation Bracket can now be used to move the vacuum pump if needed.

Bumper Test Fit

with the stock bumper off you can now test fit your bumper.

When Putting the bumper on, tip it towards you, set it down on the frame and then slide into place. Put a few bolts on each side, making it so it is mostly flush against the front mounting plates of the frame. it must be set down on the frame and then slid into place.

If all goes okay, put all mounting bolts on but **DO NOT TIGHTEN** until all are on.

If you haven't already, now is a good time to install the OEM (factory) fog lights and the auxiliary lights. Auxiliary lights should come with their own install instructions. You will need to trim one of the tabs on the OEM light mount before attaching it to the light mounting port. This can be done with a hacksaw or dremel type tool. The install video (links below) shows how to do this.

Installation Extras

If you are installing a winch you must install the fairlead before installing the winch. If you are installing auxiliary lights for underneath the hoop, we recommend that you install them before you install the winch. The fairlead holes in the bumper may be too small for some fairlead bolts. We recommend swapping out the bolts for a grade 8, 3/8" bolt, or you may choose to drill the holes out for the bigger size if desired.

If you plan to do any heavy winching, we recommend that you do this with the top two tabs on the back of the bumper: Tap out the 3/8" hole on the Jeep with a 7/16" tap and add bolts and nuts (not provided) through the bumper and the tapped hole.

Installing a Winch

Which fairlead plate you use will depend on what winch you are using. Measure the motor end of the winch. If it is 7" or less you can use the fairlead plate with the opening centered. If it measures more than 7" use the plate with the offset opening. For more assistance please refer to video. Once the fairlead plate is on, install the roller fairlead. Do this before installing the winch.

When installing the winch you may note that there is more than 1 set of hole patterns for mounting. Most winches will use the forward most holes that are directly centered with the fairlead opening and fairlead mounting holes. The other pattern(s) are good for hydraulic winch fitments and the Warn Duel Force Power Plant Winch specifically.

:::NOTE::: You may want to come back and check all the bolts in a few weeks or after a nice off road trip. The bolts can loosen a bit.