



## Rusty's 10<sup>th</sup> Anniversary JK Winch Mount

PART #: RR-WM20-JKR

### INSTALLATION

**NOTE:** Save all factory components and hardware for reuse, unless noted.

- 1) Remove the top center section of the bumper. The Allen head bolts will be reused; do not discard.
- 2) Unplug the factory light in the bumper.
- 3) Remove the bottom skid plate that's mounted to the bumper.
- 4) Remove the front bumper at each frame rail; four bolts per side.
- 5) Remove the front Rubicon Badge on the bumper.
- 6) Locate the vacuum canister on the inside of the driver side, frame rail and remove the two mounting bolts. Now place the vacuum canister to the outside of the driver's side frame rail.



7) Cut the vacuum canister bracket as shown in the picture below. Once cut, paint the area to prevent rust.



- 8) With the bumper removed from the vehicle, place the winch mount to the inside of the bumper. Attach using the supplied  $\frac{1}{2}$ " x 1.5" bolts. Also install the roller fairlead at this time. Do not tighten the bolts yet.
- 9) Place the bumper back on the frame mounting locations. Note that the bottom winch mounting point will hook around the backside of the frame crash bar. To accomplish this, angle the bumper towards the bottom to hook the winch plate around the crash bar.
- 10) Once located lightly tighten the inside bumper bolts. Do not fully tighten at this time.
- 11) Position the vacuum canister bracket to the driver side outside mounting points. The bracket will bend out toward the rear of the Jeep. Install the 6mm x 1.25 bolts supplied.



- 12) Now install all remaining bumper bolts and torque 75ft. lbs.
- 13) The two front ½" x 1.5" bolts should be slightly tightened.
- 14) Locate to the bottom crash bar mounting point. Check the winch mounting surface to be sure it is level. Adjust the bottom mounting point as necessary to level the plate. Once positioned and level, use the holes in the plate as a template to drill the necessary 7/16" holes through the crash bar.
- 15) Install the 7/16" x 1.5" bolts through the mounting holes and secure using the supplied tab nuts on the inside rail of the crash bar.
- 16) Tighten the 7/16" bolts to 65 ft. lbs.
- 17) Reconnect the lights on driver & passenger side.
- 18) The winch can now be installed and torqued to the winch manufacturer's specifications.
- 19) The bottom bumper skid plates can now be reinstalled and torqued to 50 ft lbs.
- 20) Double-check all hardware for proper clearances and torque specs.
- 21) Install the decorative Allen head bolts back in the top of the bumper to fill the exposed holes.
- 22) Install the 2 supplied 5/16 x 1 Allen heads in the front passenger side by the roller fairlead. The washers and nuts will be placed on the back of the bumper and torqued to 25-30 ft. lbs.
- 23) Verify the installation is completed properly.

## **WARNING**

It is the owners' responsibility to inspect all Rusty's products for proper torque specs to prevent loosening of components. Seat belts and shoulder harnesses should be worn at all times. Re-check all bolts and nuts after the first 300 miles and after any off-road usage during the first 300 miles. Although all of our products are made from the highest quality materials possible, they are not a substitute for Safe and Careful driving. In other words, have good safe on-road / off-road sense. Know the terrain, the speed limitations, and any obstacles that may lie ahead. Please remember to preserve our right to enjoy public land through the proper use of off-road vehicles. Thank you for choosing Rusty's Off Road Products.



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