



Tools Required

- 10mm socket and ratchet
- 13mm socket and ratchet
- 15mm socket and ratchet
- 21mm socket and ratchet
- ¾ combination wrench
- ¾ socket and wrench
- Trim tool or small flathead screwdriver
- T30 Torx bit

Always read instructions thoroughly before beginning.

Always follow winch manufacturers instructions for installation, wiring, operation and maintenance.

Use safe practices and proper Personal Protection Equipment.

Prepping the truck for mount install

Step 1: Unhook the negative battery terminal on the vehicle before beginning. Remove the factory front skid plate (if equipped) using the 15mm socket and ratchet.

Step 2: Remove the lower center plastic portion of the bumper by removing the 5 clips using the trim tool or flathead screw driver. Also remove the series of 10mm head bolts surrounding the clips.



With all the fasteners removed, you can start carefully prying the plastic insert by starting on the drivers side with a trim tool, and working your way to the passenger side. Note: the metal clips may stay in the steel portion of the bumper. Remove these and re-attach to the tabs on the plastic insert.



Step 3: With the plastic insert removed, you can now unbolt the steel bumper. Start by removing the six 21mm nuts. With the nuts removed and the bumper loose, unplug the factory fog lights if equipped. Set the bumper aside out of the way.



Step 4: Remove all plastic shrouding and associated mounts to expose the radiator and make room for the winch. Remove the factory tow hooks now using the 15mm socket and ratchet. Save for reinstall later.



Step 5: Remove the bumper mounting studs from the back side of the frame horns by removing the spiral clips from each stud. You can use a small screw driver to help pry these off. You will not be reusing the clips. Once removed, sand the edge of the plastic on the stud shown in the photo. This allows clearance once reinstalled with winch mount.





Prepping the winch for install

Step 1: Place the winch on the work bench with the front facing towards you. Remove the control box from the winch and set aside for now.



Step 2: On the side of the winch with the clutch release lever, remove the two large screws holding the gear box to the support rods. (this allows you to separate the gear box from the winch drum.) With the screws removed, you can separate the halves.



Step 3: With the clutch side of the winch removed. Remove the series of small screws that attach the mounting block to the gear box. With it removed, rotate the mounting block 180 degrees and reattach. The mounting feet should now be on the same side as the clutch lever. Use caution when tightening the small screws. DO NOT OVER TIGHTEN, but make sure they are snug.



Step 4: Reassemble the gearbox to the winch drum and support rods. Align the drive shaft with the other half as you slide the winch back together. (Note: the clutch lever will now be on the bottom) Reinstall the two large screws into the support rods.





Prepping mount and installation

Step 1: Set the winch mount face down on padded blocks to allow access to the face of the mount. Place the winch into the mount with the clutch lever on the Passenger side (US Vehicles) of the mount. Be sure to feed the winch line through fairlead slot at the same time. Install the two lower winch mounting bolts provided with the winch and tighten.



Step 2: Flip the mount up and install the winch fairlead into the upper winch mount holes. Be sure the bolts you are using are proper length to fit through the fairlead and have enough engagement into the winch.



Step 3: Now is the time to wire the winch. The control box will now be mounted under the hood. You will need longer leads to wire it (Not included). Be sure to use the same gauge wire that is supplied with your winch.

With the winch pre wired, now install the passenger side upper bracket with the supplied ½ inch bolts, lock nuts and washers. You can fully tighten this bracket now.

Step 4: With the help of a friend or a padded floor jack, slide the passenger side bracket over the passenger side frame rail, behind the frame horn mount. With the mount resting on the passenger side frame, raise the driver side of the mount and install the drivers side bracket to the mount. Install the bumper mount studs on both sides. Use the six 21mm nuts to temporarily hold mount in place.



Step 5: Loosely install the lower brackets to the winch mount with the supplied ½ inch bolts, lock nuts and washers.



Step 6: Loosely install the factory tow hooks and fasteners, sandwiching the bracket between the frame. The tow hooks have a small locating tab that will need to be bent out of the way or removed. The attached skid plate mount will not need to be touched, unless install aftermarket skid plates. You may need to raise the mount with a jack to get the brackets close enough to the frame.

Step 7: Using the jack, raise the mount up evenly and tighten all the ½ inch fasteners and factory tow hook 15mm bolts. The height you have the mount at in the factory slots on the frame horn, will dictate how much gap you have between the steel bumper and upper fascia. The higher you mount it, the smaller the gap is above the bumper. Make sure the mount is even and level on both sides, or your bumper will be crooked.



Step 8: Route the winch wiring up to the engine compartment. The battery is on the driver's side. Be mindful of moving parts and wires chaffing on metal components.

Remove the six 21mm nuts and reinstall the steel bumper. Loosely attach the six 21mm nuts and center the bumper (left to right). (If you notice one side is lower than the other, now is the time to remove the bumper, loosen the ½ inch hardware, realign and tighten.)



Step 9: With the bumper mounted and straight, reinstall the lower plastic bumper piece by pushing the clips firmly into place. Reinstall the 5 push clips and 10mm hardware.

Step 10: To mount the winch controller under the hood, start by removing the upper radiator plastic shroud. It is held in place with 5 push clips and two T30 Torx screws. Slide the plastic shroud out and set aside.



Step 11: Using the winch manufacturers supplied instructions, Install the wires on the control box and wire to the battery. Using the supplied control box bracket, bolt the bracket to the control box using the hardware supplied with the winch.

Step 12: Using a 10mm socket, remove the 10mm bolt holding the upper head light bracket. Slip the mount between the upper radiator support and the headlight tab, reinstall the 10mm bolt. You can now reinstall the radiator shroud with the 5 push clips and two T30 torx screws.





Step 13: Check winch functionality by plugging in the controller. IN should be in and OUT should be out when working properly.

Clean up and hit the trails!