

Tools Required

- T15 torx bit
- 7mm, 10mm, 15mm, and 18mm sockets
- 18mm wrench
- ¾" socket and wrench
- Ratchet and assorted extensions

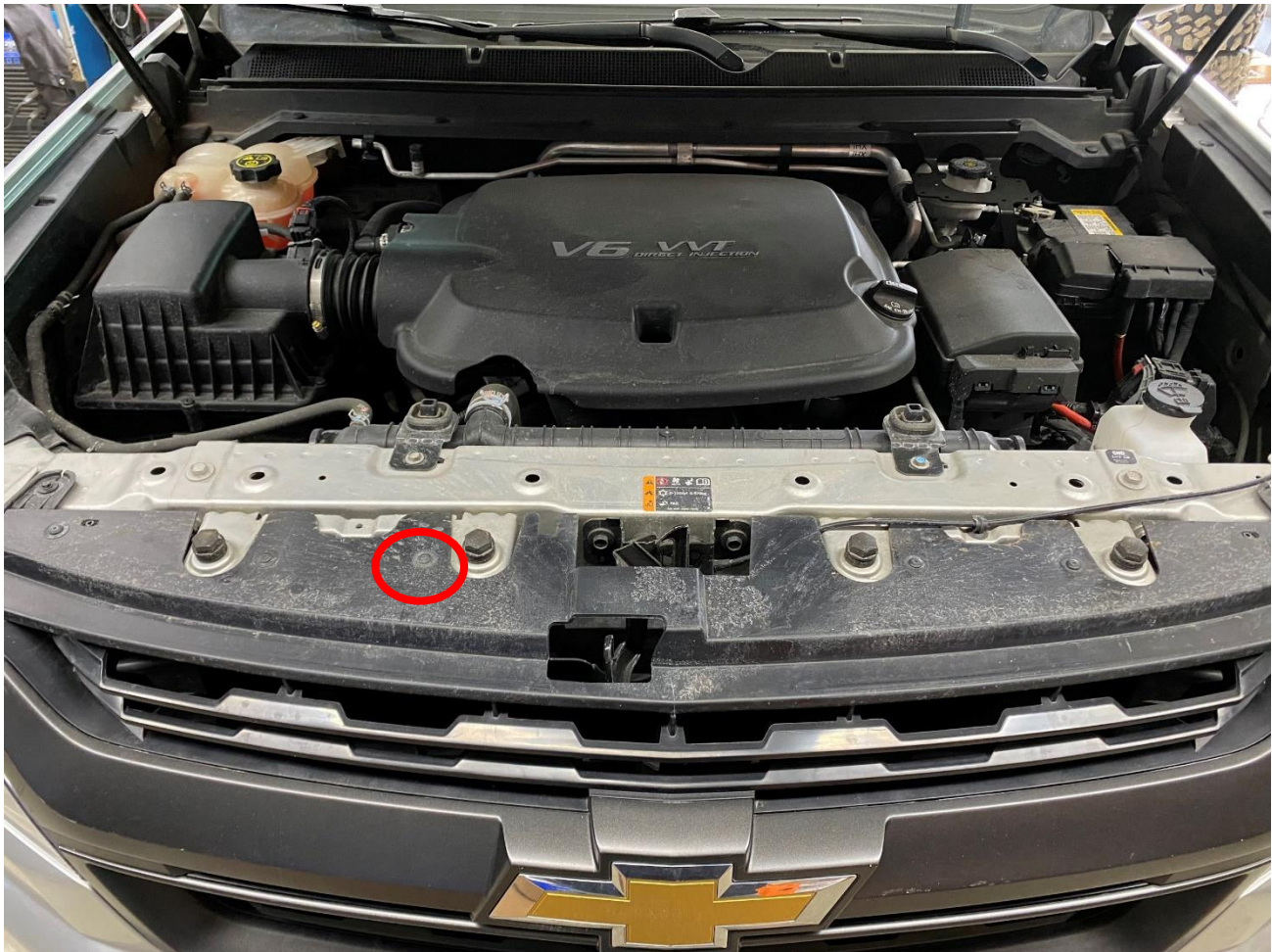
Always read instructions thoroughly before beginning.

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

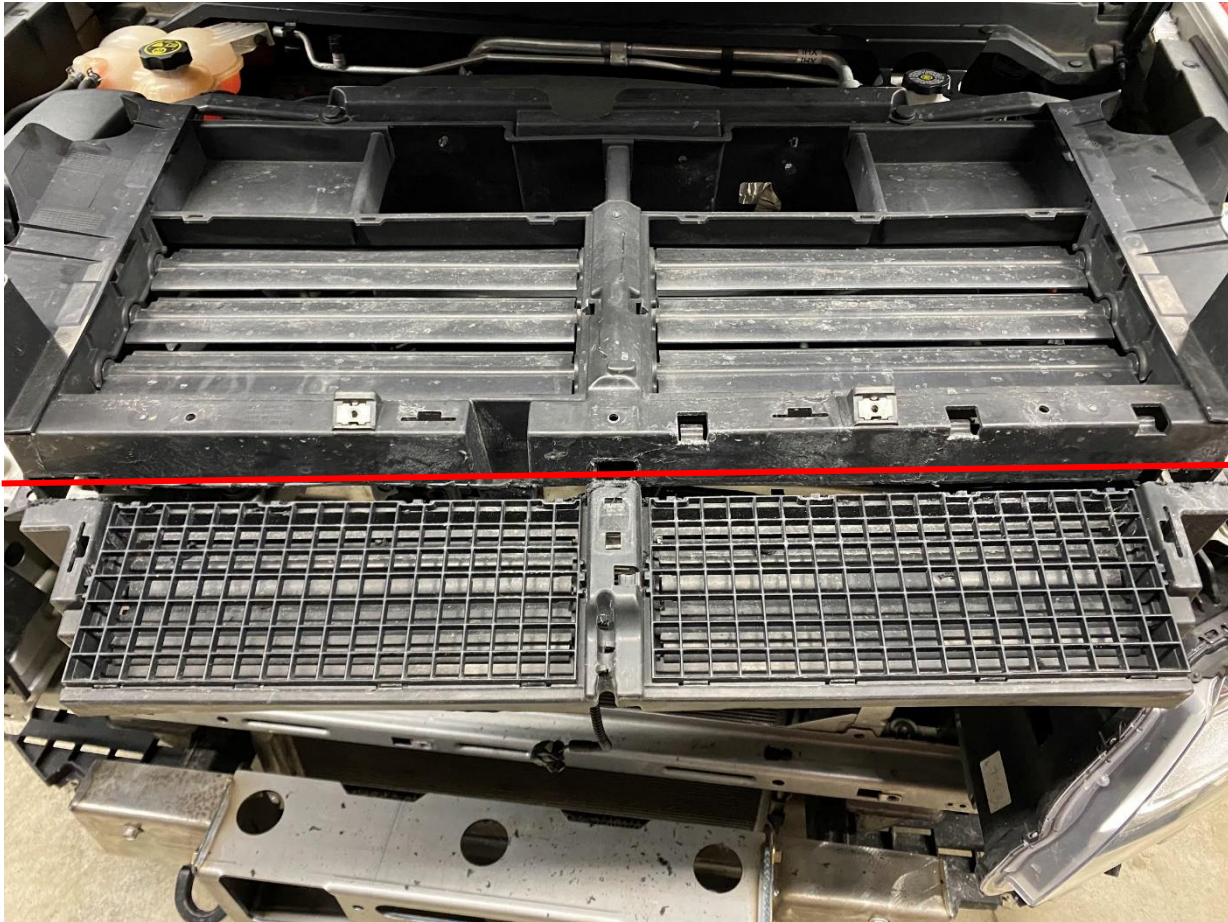
Step 1: Start with removing the negative battery terminal. Now, begin removing the front fascia. There are a series of T15 torx screws that follow the perimeter of the front fascia (Note: you will need to remove the skid plate to access all the screws, with a 15mm socket). Going through the slot below the grill, you can remove two 10mm bolts tucked up in the fascia (ZR2 models have 4).



Step 2: Remove the T15 torx screws on the front half of the inner fender liner. (Removing the front tires can make these easier to access, but not necessary). With the wheel liner folded out of the way, you can remove the 3 (per side) 7mm screws that attach the fascia to the fenders. You should be able to remove the fascia at this point. Once removed, you can remove the foam insert in the lower portion of the bumper. Using a flathead screwdriver, pry the two clips off to remove the foam. With the foam removed you can trim the center two plastic uprights in the opening of the grill.

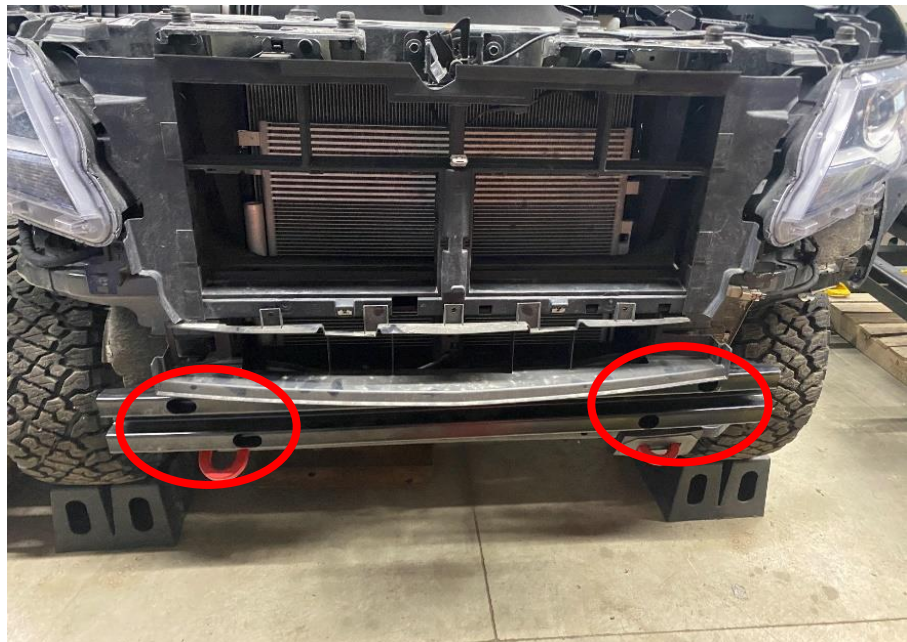


Step 3: With the Fascia removed, you can remove the Active Aero Shutter housing from the radiator tie bar. Not all vehicles have the active shutters, but they all have the same housing. The housing is held on with a series of 10mm bolts around its perimeter and two clips at the top. To completely remove the housing, you will need to unplug the wiring harness on the lower driver's side. With the housing removed, you will need to trim the lower portion off. An Oscillating Multi Tool works well for trimming the plastic. If equipped with active shutters, you will need to remove the plastic arm connecting the upper and lower shutters. Once you have trimmed the Shutter housing, you can reinstall it.





Step 4: Remove the crash bar that's bolted to the front of the frame rails, using the 15mm socket. Next, remove the factory tow hooks and hardware with the 18mm socket and wrench. Unclip and remove the plastic air scoop.



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 loosely install the side brackets with the supplied ½ inch bolts, lock nuts and washers.

Step 4: With the side brackets loosely installed, the mount can be moved into position on the frame. Help from a friend is highly recommended. With the mount in position, install the 4 factory 15mm head crash bar bolts back into the frame and snug them up but don't fully tighten. Then reinstall the factory tow hooks and 18mm head bolts, passing them through the lower bracket of the winch mount and snug them up but don't fully tighten. Now that everything is in position you can fully tighten all of the bolts, starting with the ¾ head ½ inch bolts, then the 15mm head frame bolts and finally the 18mm head tow hook bolts.



Step 5: 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. Corrugated conduit on all power wires is highly recommended. The Control box can be mounted, with the supplied bracket, next to the washer fluid container. The included bolt is self tapping and can be ran into an existing hole on the core support. With the winch fully wired, test for proper operation before continuing.





Step 6: You can now reinstall the front fascia, making sure you fully seat the two large clips below each headlight. With the fascia fully installed, reinstall the skid plate.

