



05-15 Toyota Tacoma Front Bumper Install Instructions

DISCLAIMER: This product is intended for off road use only. By installing this product, you are assuming all risk and all responsibility for property damages or personal injury from use or abuse of this product.

Only use kinetic type recovery straps when freeing a stuck vehicle. The stretching of the strap greatly reduces strain on both vehicles and requires less energy to recover the stuck vehicle. Chains or tow straps are ok for towing a vehicle only. They are never ever to be used for pulling out a stuck vehicle because they 'shock load' the recovery points, which break things and people... Winching with steel or synthetic cable is fine because no shock load is applied but traditional safety measures should still be taken. More info on winching and recovery can be found on pirate4x4.com and the US Army field manual 21-305, chapter 22.

Your bumper was shipped bare steel and needs to be coated prior to final install. It is suggested that a 'dry run' mockup install be performed before coating to see how everything goes together without a heavy winch or lights installed. This will make final install go much smoother with less risk of scratching anything. If you are running a winch, it is best extend the wiring and install the solenoid control box inside the engine bay. If you have the TRD Off Road aluminum skid plate, it must be removed as it will not work with the bumper without modification.

1. Open hood and remove grille.

First remove the two small Phillips head bolts near the top of the radiator that connect the large tabs to the top of the radiator area. Remove the plastic reusable rivets that hold the other two tabs to the top of the headlight housings. You can use a flat head screwdriver to remove the rivets by first lifting the center portion up and then pulling the entire rivet out with your fingers. 2012-2015: There are six tabs along the bottom of the grille that hold the grille to the factory plastic bumper. Reach your hand behind the grille to disconnect the tabs one at a time while pulling forward on the grille. Grille should pop out, set grille aside and save the hardware. 2005-2011: There are two clips at the bottom of the grille on left and right sides. Release those clips and pull upward.

2. Remove plastic bumper.

2012-2015 only: There is a small plastic filler panel under the headlight on each side that needs to come out before removing the those filler pieces by CAREFULLY squeezing the single clip that hold them on from the backside while gently pulling the filler pieces forward. 2005-2011 only: No need to remove the plastic fillers under the headlights. The bumper can be removed with them in place.



In the wheel well (in front of the tires) there are small bolts inside a pocket in the plastic wheel wells. Remove those bolts on each side. There is also a Phillips head plastic screw on each side below those bolts which need pressure applied from the backside while turning to remove. Lie on your back and remove the bolts and reusable rivets along the bottom lip of the bumper. If you have fog lights, disconnect their wiring connectors. There are tabs just under the fender flares that hold the bumper's sides on which can be disconnected by pulling firmly. At this point the bumper should come off. Be careful not to drop it on the ground when releasing those last tabs under the flares. Remove the black plastic brackets under the fender flares on the sides of the fenders. Reinstall plastic fillers under headlights by snapping them back in place.

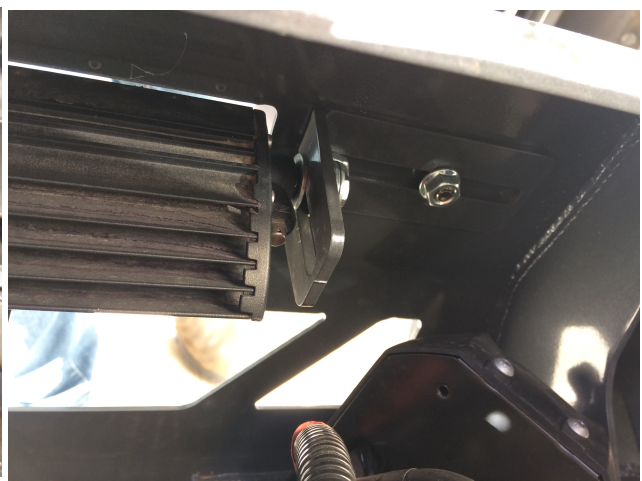
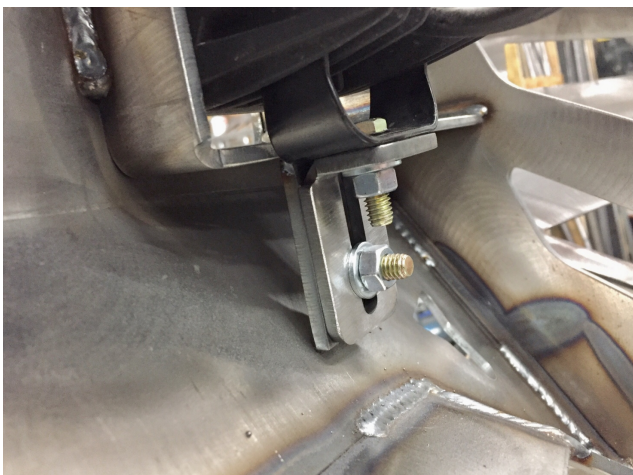
3. Remove aluminum crash bar and brackets.

Using a 14 mm socket, unthread and save the six nuts holding the large aluminum bar on the factory frame studs. You may need to persuade the crash bar off the truck via a dead blow hammer or pry it off with a large flat head screwdriver. Be careful not to bend the steel plate welded to the frame or damage the studs. Unbolt and remove the horizontal brace that sits in front of the radiator. The steel brackets under the headlights stay in place. The vertical bracket in front of the radiator also stays in place. Remove passenger side tow hook if equipped. The welded tow loop on the driver side stays in place. Unbolt and remove the short extensions on the ends of the lower crossmember. Your truck should now look as pictured below. Leave grille off until bumper is installed.



4. Prep bumper with accessories.

The supplied light brackets are adjustable to fit different light brands and aim them. The lightbar mounts fit 20" single row bars with single bolt points at the ends of the lightbar. The supplied 90° brackets bolt to the bumper using the supplied 3/8" stainless button head bolts and can slide in the slotted holes to fit the lightbar's exact width and depth. Depending on your lightbar's supplied end bolts and mounts, shorter bolts may be necessary or you can shim them with washers so they can be tightened the the brackets without bottoming out first. Make sure lightbar is level and centered and tighten all bolts. The brackets for the driving/fog lights have slotted holes for up/down and in/out adjustment. '12-'15 models mount the lights with the mounting stud facing upward.



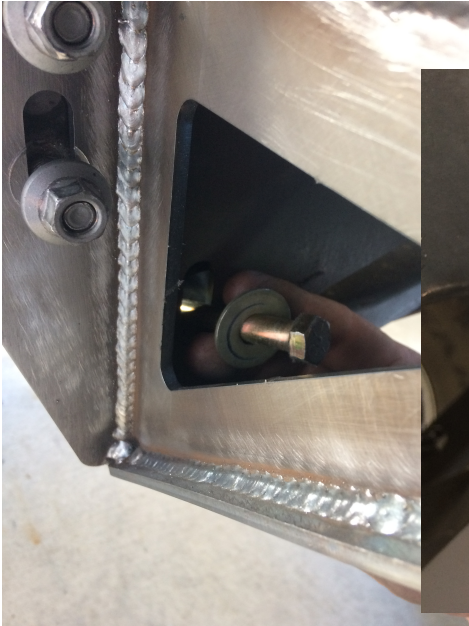
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5. Install bumper.

Being careful not to ding the fender flares, lift bumper onto the factory studs on the crossmember and thread nuts on but don't fully tighten. The nuts for the frame studs inside the bumper will require a socket extension and access through the bumper's holes from the front. Lifting the bumper may require some help due to its weight. Using a floor jack to lift the bumper and guide onto the studs may also be helpful. Reinstall grille and fasten with the Phillips head bolts and reusable plastic rivets. Now level the bumper and set the height. With the nuts slightly loose, lift each side of the bumper with a floor jack so that there is a 1/2"-5/8" gap between the fender flares and bumper. This gap is necessary because the cab moves quite a bit on the frame mounts while driving, so this prevents any contact. If needed, the bumper can be tilted by placing a washer or two on either the upper or lower studs between the bumper and crossmember. Every truck is built slightly different from the factory, so adjustment will vary from truck to truck. Once you have the bumper set, tighten all six nuts on the factory studs. Remove plastic plugs on the backside of the crossmember and install the supplied 4" x 7/16" bolts, with a washer on each side, through the bumper and frame/ crossmember as shown in the pic. Fasten the lower part of the grille using zip ties through the holes in the metal

bracing and grille. Trim wheel well liners using a utility knife, being careful not to cut any wiring behind it.



Remove plastic frame plugs and install frame tie-ins. If you have coilovers with remote reservoirs, the reservoir bracket may need to be modified or slightly rotated by removing the forward sway bar bolt (works for those not running a sway bar). To install, remove the two factory nuts on the outboard sides of the bumper and slide tie-in brackets over the studs. Slide the supplied 4" x 7/16" bolt through the bracket and frame, with a washer on each side, and thread nut into the bolt. Tighten all nuts. Do not tighten the nuts on the 4" bolt so much that it starts crushing the frame!

Install is now complete. Enjoy your new bumper!

