



Body Armor 4x4 by Tolar Mfg.
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Customer service hours:
8am to 4pm Pacific Time M-TH
8Aam to noon on Friday

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**Installation instructions for Toyota Tacoma TC-2962 Rear bumper
Fits 2016-2017 Toyota Tacoma**

**** Inspect bumper and all parts prior to installation. Contact your Body Armor 4x4 dealer if missing parts.**



Hardware list:

- 12M/1.75/45M Hex bolt Qty 2
- 12M Flat Washer Qty 8
- 12M NY-Lock nut Qty 2
- 10M/1.5/35M Hex bolt Qty 4
- 10M Flat Washer Qty 8
- 10M NY-Lock nut Qty 4
- 8M/1.25/25M Hex bolt Qty 2
- 8M Flat Washer Qty 4
- 8M NY-Lock nut Qty 2
- 10 wire ties

Removing Factory bumper:

- 1 Disconnect license plate light and the hitch plug (if equipped). They both unplug from the back at the harness. (we recommend an aftermarket LED light bolt studs for lighting the license plate. It is not provided in this kit but they are available at most auto parts stores or online. Not expensive and look cool)
- 2 Pull up the outer corners of the plastic cover to expose bolts on each end. Remove these bolts.
- 3 Now in the center section under the license plate pull up the plastic cover to expose the 4 bolts in this area. Now remove all four bolts.
- 4 Remove the four bolts attaching the bumper to the frame horns on the backside of the bumper.
- 5 Remove bumper.
- 6 Don't forget to remove your license plate!

Bumper Installation for TC-2962:

We recommend you have help with lifting of the rear bumper to avoid injury or damage to bumper and vehicle.

- 1 Prior to installing bumper on the vehicle:
 - a. Install the hitch plug in the BA bumper. Note: cutting of one or two of the wire ties securing the wiring harness to the vehicle may need to be cut to free up some length of the harness. Once reconnected to the plug and the bumper use enclosed wire tire to secure the harness.
 - b. Use the 8M/1.25/25M hex bolts to attach the license plate to the BA bumper. If using lighted studs to attach the plate then disregard using our bolts to attach the plate.
- 2 Lift the BA bumper into place:
- 3 Use the two 12M/1.75/45M hex bolts through the side holes of the bumper bracket to the vehicle's frame. Use the washers on both sides, one next to the bolt head the other on the other side before the nut is attached. Keep loose at this time.
- 4 Use the four 10M/1.5/35M hex bolts up from the bottom of the bumper through the frame bracket. Use flat washers on each side and secure with the NY-Lock nut. Keep loose at this time.

- 5 Check bumper alignment to the vehicle once all hardware has been installed. Pay particular attention to the area in the center of the bumper when the tailgate is open. Make sure there is sufficient space between the bumper and the tailgate, with the tailgate open, so that the tailgate does not hit the bumper, even under a load as it could scratch the finish on the tailgate.
- 6 When satisfied with the location of the bumper start to tighten the hardware. We recommend start with one bolt on each side. Once those are tight, recheck the bumper position. If satisfied tighten the remaining hardware.
- 7 Plug the trailer harness back in to the plug and secure the wiring harness.

Note: Recheck all hardware after the first couple hundred miles. It is advised to inspect the bumper and hardware periodically.

**** Body Armor provides a dual step paint process, a base E-coat with a textured power coat exterior paint. This is very durable and corrosion resistant process however rust can still occur. We warranty the finish for manufacturer defects for a period of 90 days from the date of purchase. Surface rust is not considered a manufacturer defect, rust from rock chips or trail scratches are also not considered a manufacturer defect. It is the responsibility of the owner to touch up any rock chips or scratches. Use of a flat black paint sprayed on a piece of foam can be used to touch up any scratches. Surface rust can be cleaned with spray lubricants such as WD-40.**