

# INSTALLATION GUIDE

## Front Bumper



Start by removing the plastic clips and screws that hold the grille and bumper in place.

Top view shown in Fig 1B

Grille removed

FIG 1A



FIG 1B

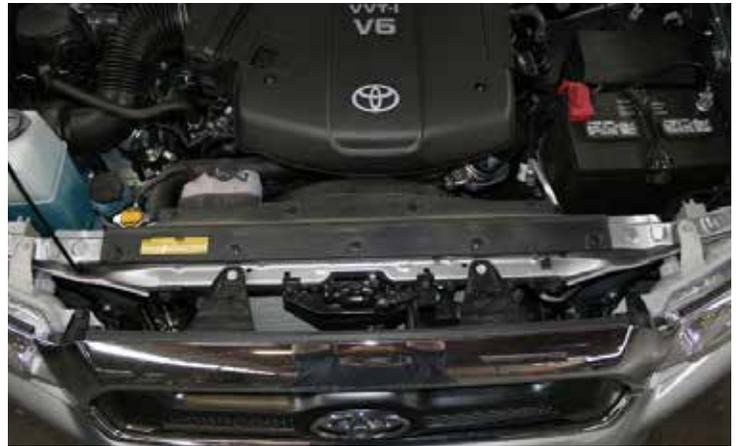


FIG 1C



You will also need to use a socket wrench inside the front wheel wells to reach the bolt that holds the stock bumper on.

Underneath will also be bolts running along the bottom that will need to be removed as well.

For this step, you'll need to carefully unclip and slide the trim piece towards you so as not to break the tab that secures this into place for later. (Fig 2C / 2D)

FIG 2A



FIG 2B



FIG 2C



FIG 2D



Shown is bumper being removed from the vehicle.

FIG 3A



Next, you'll need to remove the internal frame piece below the headlight (See Fig 3B)

You will see the bolts around this piece that need to be removed with a socket wrench.

You will also need to keep the small black tab underneath the white headlight mount point shown in Fig 3D. You will be reusing this with the new mount bracket along with the bolts that were removed later in the install.

FIG 3B



FIG 3C



FIG 3D



With a screwdriver, you'll also need to remove the black piece shown in Fig 4A / 4B

FIG 4A



FIG 4B



FIG 4C

You will also need to remove the aluminum reinforcement frame or sub-bumper shown in Fig 4C.



**\*\*Next few steps below are for 12-15 models only!\*\***

Next, you'll need to grab the two grille and headlight housing reinforcement brackets provided in kit that's shown in Fig 5A (drivers side USA) and 5B (passengers side USA).

The plastic mount piece that you saved (Fig 3D) will be installed in conjunction with the new brackets. and the lower headlight mount snapped back in place.

The larger bracket will be installed with the stock bolt you removed earlier and secured into place

The top bracket mounts the same way by reusing the stock bolt from the top location. other mounting holes on the provided bracket will be used to secure the grill and the end of the headlight securely into place.

Shown in Fig 5C is how the two brackets should be installed with the two brackets using the same mount point for the top hole.

The larger bracket mounts to two points on the vehicle

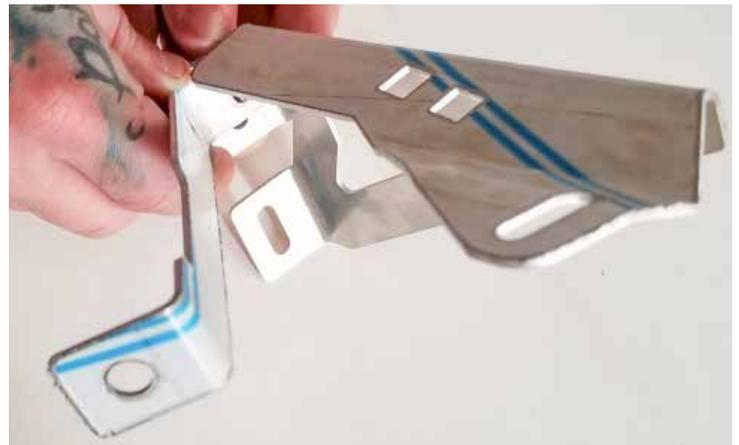
FIG 5A



FIG 5B



FIG 5C



On the back side of the frame mount brackets, you'll need to attach the small bracket referenced in Fig 6C where the frame is.

This pushes the bracket out so it doesn't rub against the brake line hose and prevent it from tearing. (Fig 6C)

Next we'll attach the new internal frame mount onto the vehicle frame and secured with the side wrap around mount brackets. Use the stock nuts that were removed for the bottom two holes and 1 provided nut for the top hole.

See Fig 6A for side photo reference.

FIG 6A

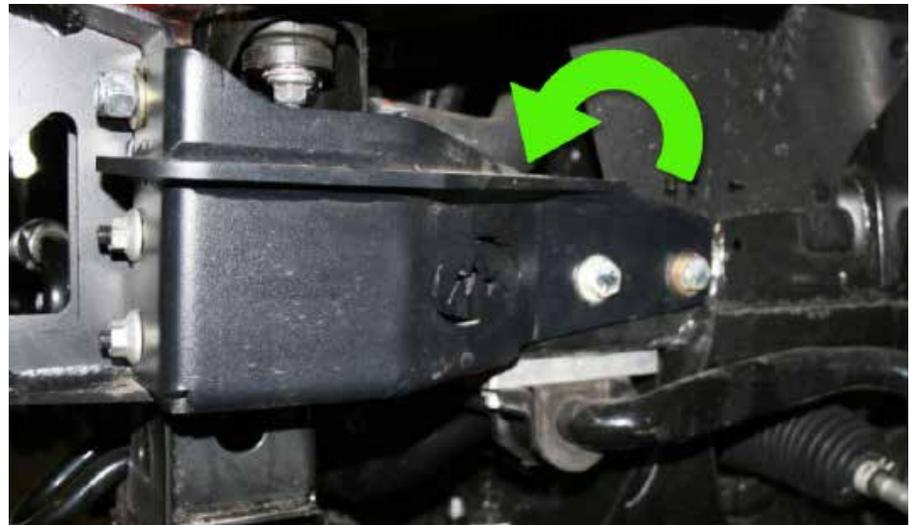


FIG 6B



FIG 6C

Bolt the new internal bumper mounting bar in place with only the inside bolts finger tight only all new hardware will be torqued after the new bumper is installed and aligned.



Next, flip the front grille upside down and with a drill bit, you'll need to widen the existing hole on each end that's shown in Fig 6B up to (but no larger) than 3/8" for the bolt to go through towards the end of the install.

FIG 7A



FIG 7B

One last step before we put the bumper into place on the frame brackets is to bend the small tabs protruding from the rails shown circled in Fig 7B and 7C on next page.



You'll want to bend these down so they are nearly straight.

We recommend heavy duty pliers or something to grip and bend down with.

This allows the skid plate to fit into place on the next page.

FIG 8A



With the help of a friend, place the bumper onto the frame brackets and check for alignment around the front end. If spacing is fairly even from the bumper to the body of vehicle, go ahead and secure the front bumper to the frame brackets with provided hardware.

\*Make sure someone is holding the bumper in place while another inserts and tightens the bolts underneath.

FIG 8B



## Skid Plate Install

Loosen the bolts that was previously shown in Fig 7C as the new skid plate will be sandwiched between these brackets and the frame of vehicle.

Tighten back down with the stock bolts that you had loosened or removed.

Next, add clip nuts to the skid plate as shown in Fig 9B in preparation for install

Slide the skid plate into position between the frame and bracket you loosened in Fig 9A and retighten with the same bolts.

FIG 9A



FIG 9B



FIG 9C



Secure the back end of the skid plate with existing stock bolts that are holding the stock skid plate onto the vehicle.

FIG 10A



FIG 10B

