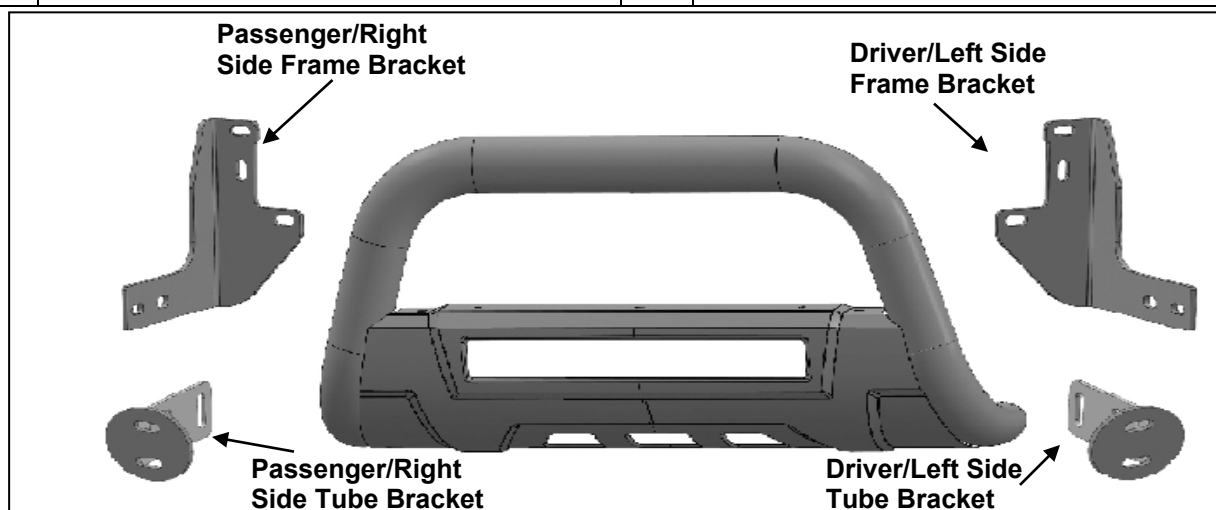




3-1/2" LED BULL BAR
05-15 TACOMA

PARTS LIST:

1	3.5" LED Bull Bar	4	10-1.5mm x 30mm Hex Bolts
1	Driver/Left Tube Bracket	6	10mm Lock Washers
1	Passenger/Right Tube Bracket	12	10mm x 30mm x 2.5mm Flat Washers
1	Driver/Left Frame Mounting Bracket	2	10-1.5mm x 120mm Hex Bolts
1	Passenger/Right Frame Mounting Bracket	4	8-1.25mm x 35mm Hex Bolts
4	10mm x 40mm Large Spacer Washer	4	8mm Lock Washers
6	10-1.5mm Hex Nuts	4	8mm x 24mm x 2mm Flat Washers



PROCEDURE:

1. REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. NOT COMPATIBLE WITH OPTIONAL FULL COVERAGE FACTORY ALUMINUM SKID PLATE. OPTIONAL SKID PLATE MUST BE REMOVED AND CANNOT BE REINSTALLED.
2. Start installation at the passenger side, front of the vehicle. Remove the (2) outer factory hex nuts attaching the bumper mount to the end of the frame, **(Figure 1)**. **NOTE:** It may be necessary to temporarily remove the factory tow hook from the passenger side.
3. Select the passenger side frame mounting bracket. Slide the Bracket over the (2) threaded studs. Secure the Bracket to the studs with the factory hex nuts, **(Figures 2)**. Leave hardware loose.
4. Slide (1) Large Spacer Washer between the Mounting Bracket and the frame cross member, **(Figure 3A)**. Insert (1) 10mm x 120mm Hex Bolt with (1) 10mm x 30mm Flat Washer and (1) Large Spacer Washer into and through the hole in the back of the cross member. Make sure the Spacer Washer is against the cross member covering the large hole, **(Figure 4)**. Push the long bolt through the outer Spacer Washer and Frame Bracket. Secure the Bracket to the Bolt with (1) 10mm x 30mm Flat Washer, (1) 10mm Lock Washer and (1) 10mm Hex Nut, **(Figure 3B)**. Leave hardware loose.
5. Repeat **Steps 2—4** for driver side Bracket installation.
6. Place Bull Bar on a clean, stable work surface. Select the passenger side Bull Bar Tube Bracket. Bolt the Bracket to the end of the Bull Bar with (2) 8mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers, **(Figures 5 & 6)**. **NOTE:** Bracket should be close to center on the end of the Bull Bar tube. Snug but do not tighten hardware at this time. Repeat this **Step** for driver side Bracket.
7. With assistance, hold the Bull Bar with Brackets up in position on the outside of the Frame Mounting Brackets. Attach the Bull Bar to the Brackets with (4) 10mm x 30mm Hex Bolts, (8) 10mm x 30mm Flat Washers, (4) 10mm Lock Washers and (4) 10mm Hex Nuts, **(Figures 7 & 8)** Do not tighten hardware.
8. Level and adjust the Bull Bar properly and tighten all hardware. Reinstall the tow hook if removed.
9. Do periodic inspections to the installation to make sure that all hardware is secure and tight.

To protect your investment, wax this product after installing. Regular waxing is recommended to add a protective layer over the finish. Do not use any type of polish or wax that may contain abrasives that could damage the finish.

For stainless steel: Aluminum polish may be used to polish small scratches and scuffs on the finish. Mild soap may be used also to clean the Bull Bar.

For gloss black finishes: Mild soap may be used to clean the Bull Bar.

Passenger Side Installation Pictured

Remove (2) factory hex nuts on outside of frame

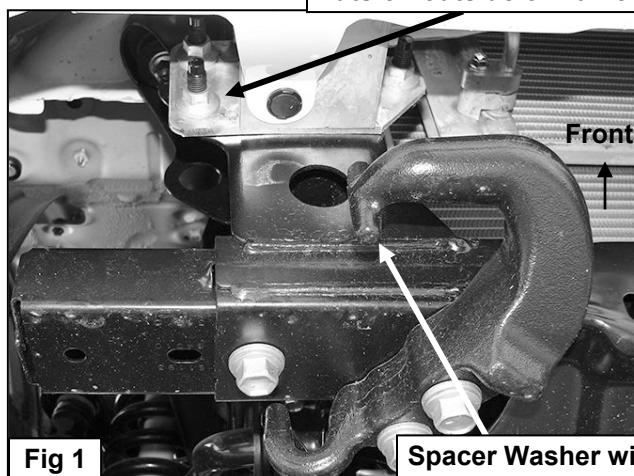


Fig 1

Spacer Washer will cover this opening in the end of the frame

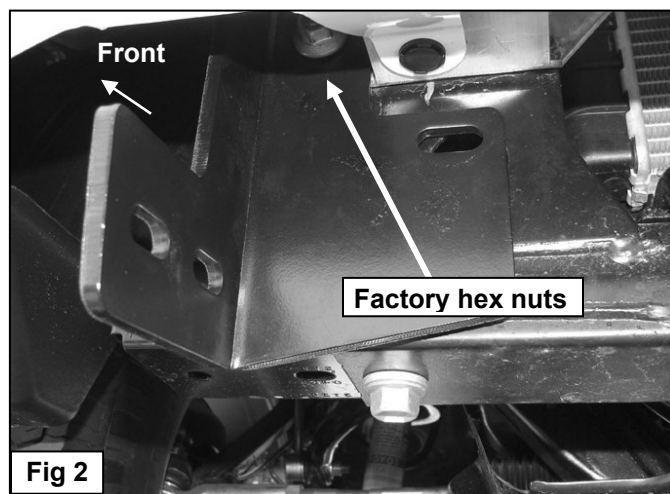


Fig 2

Factory hex nuts

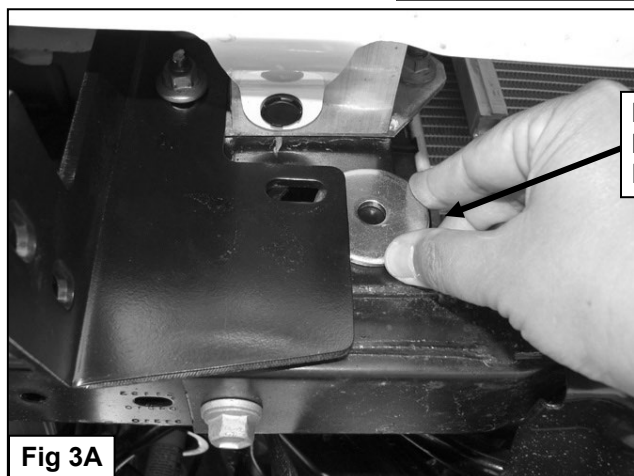


Fig 3A

Insert Spacer Washer between the Mounting Bracket and the frame

10mm x 30mm Flat Washer
10mm Lock Washer
10mm Hex Nut

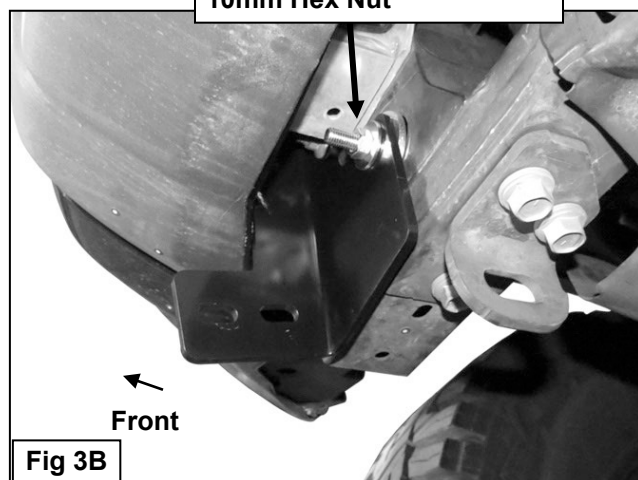
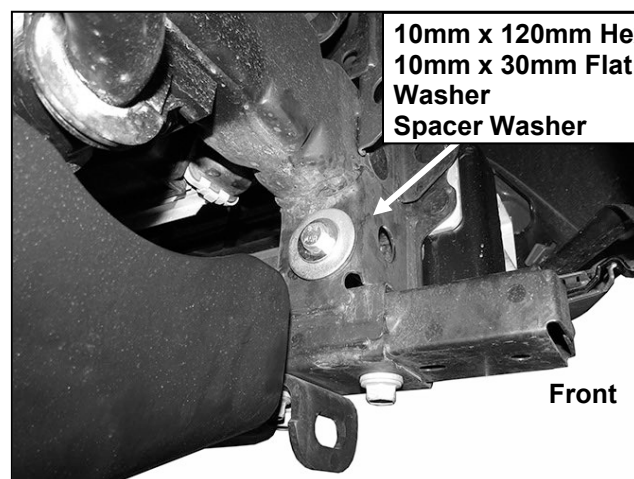


Fig 3B



10mm x 120mm Hex Bolt
10mm x 30mm Flat Washer
Spacer Washer

Front

(Fig 4) Passenger side pictured from behind bumper

Passenger Side Installation Pictured

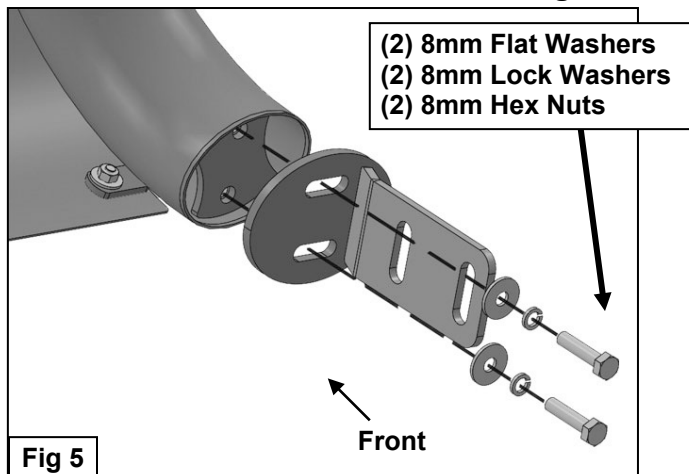
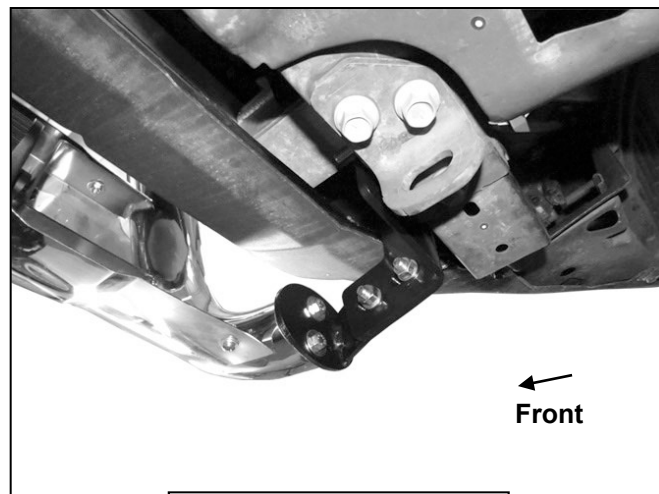


Fig 5



(Fig 6) passenger/right
Tube Bracket to Bull Bar

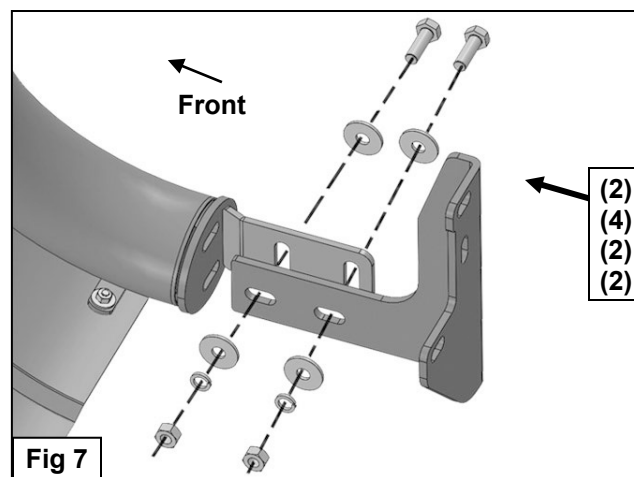


Fig 7



(Fig 8) passenger/right complete installation



Complete Installation