

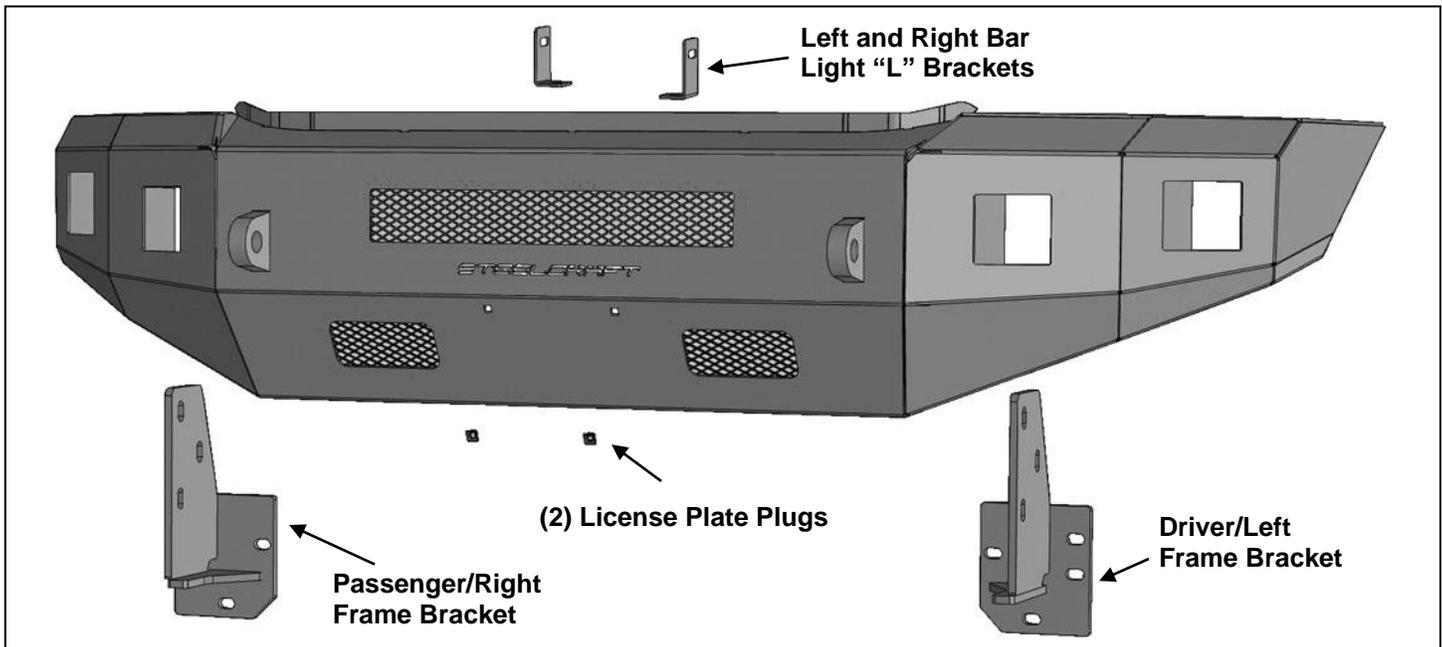
INSTALLATION INSTRUCTIONS

**FORTIS FRONT BUMPER
2005-15 TOYOTA TACOMA**

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PARTS LIST:

1	Fortis Front Bumper	14	12mm x 32mm x 3mm Flat Washers
1	Driver/left Frame Mounting Bracket	8	12mm Lock Washers
1	Passenger/right Frame Mounting Bracket	8	12mm Hex Nuts
1	"L" Light bracket driver side	2	8-1.25mm x 16mm Hex Bolts
1	"L" Light bracket passenger side	2	8-1.25mm x 25mm Hex Bolts
2	Plastic Plugs for License Plate	6	8mm x 24mm x 2mm Flat Washers
2	12-1.75mm x 120mm Hex Bolts	2	8mm Lock Washer
6	12-1.75mm x 45mm Hex Bolts	2	8mm Hex Nut
2	12mm x 44mm x 4mm Large Spacer Washers		



PROCEDURE:

REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT. READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION. ASSISTANCE IS HIGHLY RECOMMENDED TO AVOID POSSIBLE INJURY OR DAMAGE TO THE VEHICLE.

1. Remove the license plate and bracket from the bumper cover.
2. Move to the driver/left wheel opening. Remove the hardware attaching the plastic bumper cover to the bottom of the front fender and inner fender liner. On models with factory fog lights, unplug both lights and release the wiring harnesses from the clips attached to the back of the bumper and move wiring harnesses away from the bumper. Repeat this Step to release the passenger side of the cover.
3. Remove the clips from the bottom and the top of the bumper cover and remove the bumper cover, **(Figure 1)**. **NOTE:** Depending on model year, it may be necessary to temporarily remove the grille and plastic fill panels below the head lights to access cover hardware.
4. Remove the aluminum inner bumper assembly from the ends of the frame, **(Figure 2)**.
5. Remove the short frame extensions from both ends of the crossmember, if they will interfere with the Bumper installation, **(Figures 2 & 5)**.
6. Select the driver/left Frame Bracket, **(Figure 3)**. Reuse the (3) factory hex nuts to attach the Bracket to the frame, **(Figures 3—5)**.
7. Insert (1) 12mm x 120mm Hex Bolt with (1) 12mm x 32mm STD Flat Washer through the lower mounting hole in the bracket and through the end of the frame channel, **(Figures 3 & 6)**. Use the included (1) 12mm x 44mm Large Spacer Washer, (1) 12mm Lock Washer and (1) 12mm Hex Nut to secure the Bracket to the lower mounting hole, **(Figures 3 & 6)**. Snug but do not fully tighten hardware at this time.
8. Repeat **Steps 6 & 7** to install the passenger/right Frame Bracket.

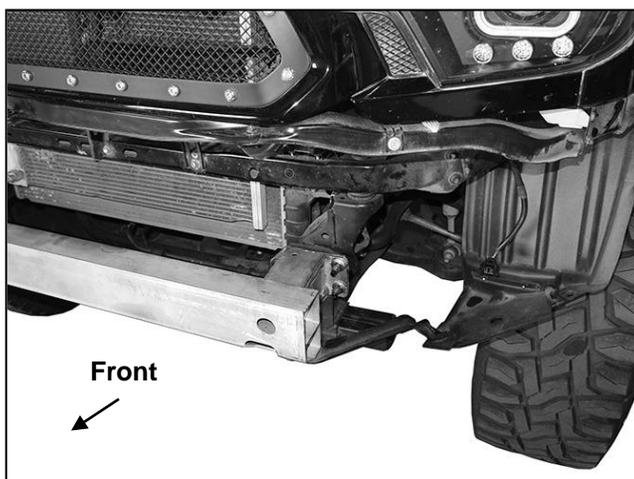
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9. **Optional Center LED light installation (sold separately).** **NOTE:** It may be easier to install center light before Bumper Assembly is attached to the Frame Brackets.
- Select the L/R "L" Brackets, **(Figure 7)**. **NOTE:** "L" Brackets are offset for universal fitment for most LED bar style lights. Attach the LED light assembly to the "L" Brackets with the included (2) 8mm x 16mm Hex Bolts, (2) 8mm Lock Washers and (2) 8mm Flat Washers. Do not fully tighten hardware at this time. **NOTE:** "L" Brackets may require modification for hardware larger than 8mm or use brackets supplied with light if possible.
 - Attach the light and Brackets to the top of the (2) tabs on the back of the Bumper with the included 8mm x 25mm Hex Bolts, (4) 8mm Flat Washers, (2) 8mm Lock Washers and (2) 8mm Hex Nuts, **(Figure 7)**. Adjust light position and tighten hardware.
 - Follow light manufacturer's instructions to wire the light once Bumper has been fully installed.
10. With assistance, position the Bumper Assembly up to the outside of the Frame Brackets. Temporarily support the weight of the Bumper. **WARNING:** To avoid possible injury or damage to the vehicle, do not proceed until the Bumper is fully and safely supported.
11. Line up the driver/left side mounting plate on the back of the Bumper with the (3) slots in the Frame Bracket. Attach the Bumper to the Bracket with the included (3) 12mm x 40mm Hex Bolts, (6) 12mm Flat Washers, (3) 12mm Lock Washers and (3) 12mm Hex Nuts, **(Figures 8 & 9)**. Do not fully tighten hardware at this time. Repeat this Step to attach the passenger/right side of Bumper.
12. Level and adjust the bumper and fully tighten all 12mm hardware to 65-70ft-lbs.
13. Use the included (2) push-in plastic nuts to attach the front license plate, (if required), to the (2) holes in the front bumper, **(Figure 10)**.

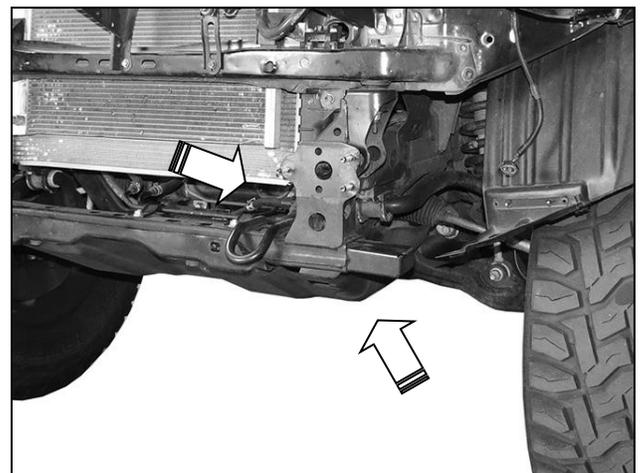
LED light installation at ends of bumper (sold separately).

- Insert light into opening and onto mounting slot.
 - Follow the light manufacturer's instructions to attach light to the light opening.
IMPORTANT: On two light systems, attach the flood light to the outer slot and the spot light to the inner slot.
 - Repeat the above steps for passenger side light installation.
 - Follow light manufacturer's instructions to properly wire the light.
14. 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. Mild soap may be used to clean the Front Bumper assembly.



(Fig 1) Remove plastic bumper cover

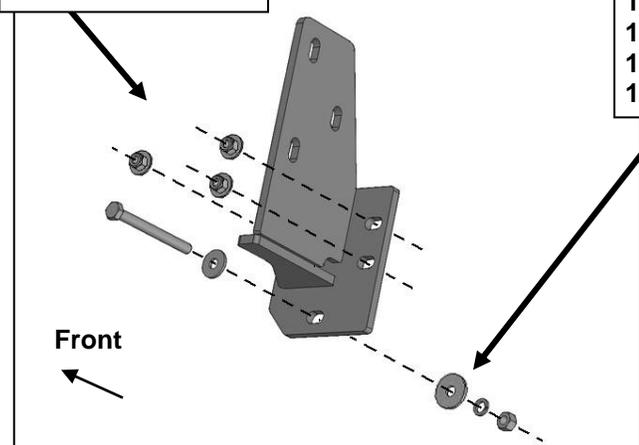


(Fig 2) Remove aluminum inner bumper from frame. Also remove outer frame ends from crossmember, (arrows).

Driver/left Side Installation Pictured

(3) factory hex nuts

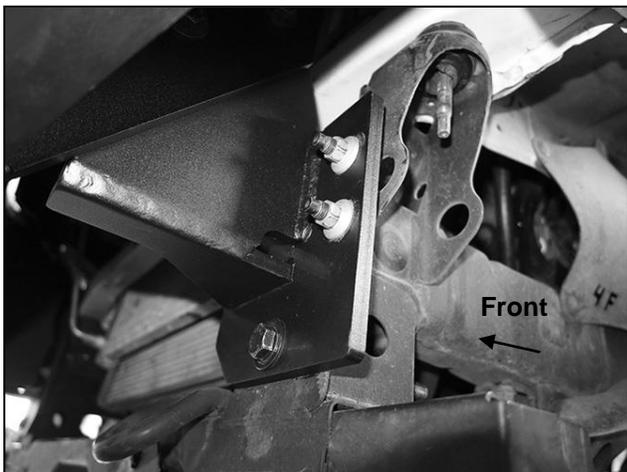
12mm x 120mm Hex Bolt
12mm x 44mm Spacer Washer
12mm Lock Washer
12mm Hex Nut



(Fig 3) Reuse (3) factory hex nuts to attach driver/left Frame Mounting Bracket to end of frame



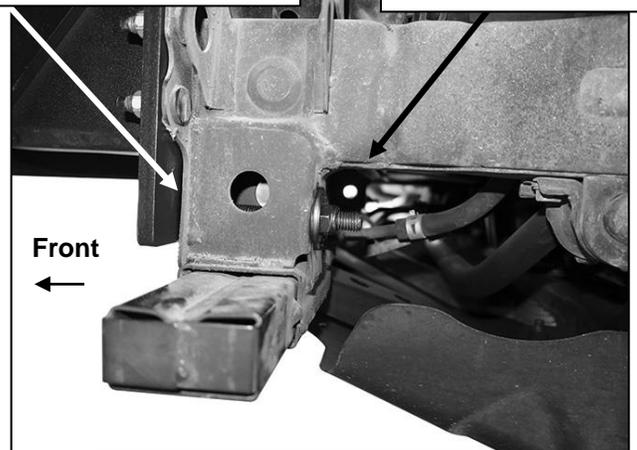
(Fig 4) Driver/left Frame Bracket installed



(Fig 5) Driver/left Frame Bracket installed

12mm x 120mm Hex Bolt
12mm x 32mm Flat Washer

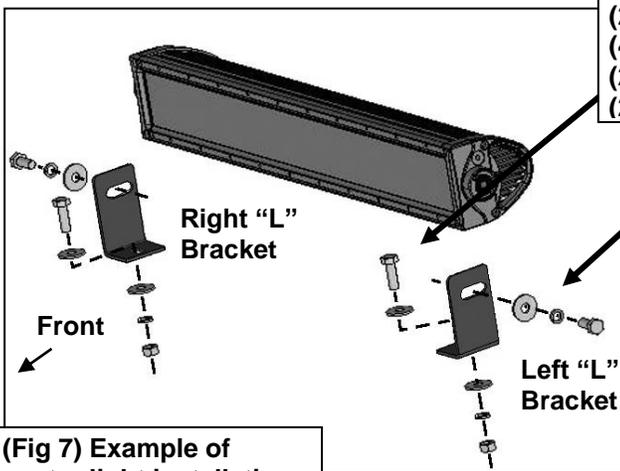
12mm x 44mm
Spacer Washer
12mm Lock Washer
12mm Hex Nut



(Fig 6) Attach driver/left Frame Mounting Bracket to crossmember

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Driver/left Side Installation Pictured

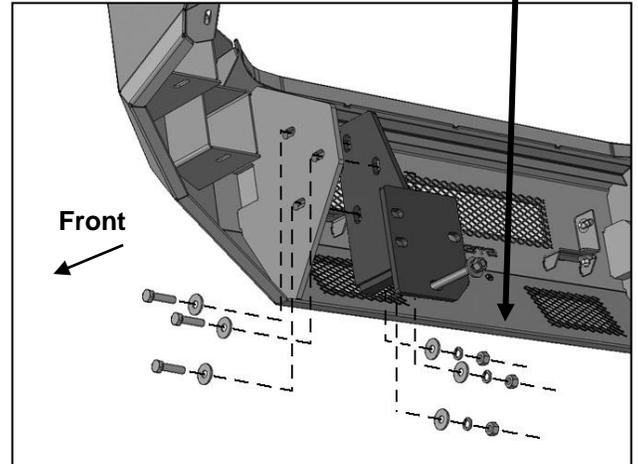


- (2) 8mm x 25mm Hex Bolts
- (4) 8mm Flat Washers
- (2) 8mm Lock Washers
- (2) 8mm Hex Nuts

- (2) 8mm x 16mm Hex Bolts
- (2) 8mm Lock Washers
- (2) 8mm Flat Washers

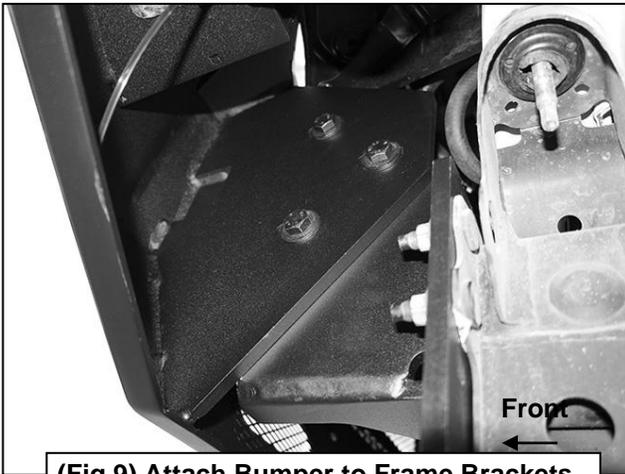
- (3) 12mm x 45mm Hex Bolts
- (6) 12mm Flat Washers
- (3) 12mm Nylon Lock Nuts

(Fig 7) Example of center light installation

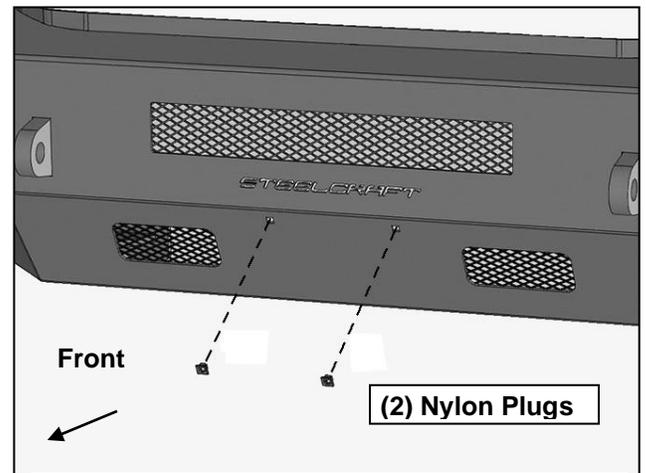


(Fig 8) Attach Bumper to Frame Brackets

WARNING! Do not crawl under bumper unless the bumper is properly supported on blocks or stands or the bumper may fall.



(Fig 9) Attach Bumper to Frame Brackets



- (2) Nylon Plugs

(Fig 10) Attach License Plate to Plastic Plugs



Complete Installation