



# Installation Instructions

## Toyota Tundra Front Winch Bumper

Product Number: H1850, H1851, H1852  
Application: '07-Current Toyota Tundra

## SAFETY

### **Your safety and the safety of others is very important.**

- In order to help you make informed decisions about safety, we have provided installation instructions and other information.
- These instructions alert you to potential hazards that could hurt you or others.
- Please do a job safety analysis (JSA) before each task to identify potential hazards for your situation and remove/protect against them.
- You must use your own good judgment, and take your time.

**Read and understand all safety precautions and instructions before installing this product.**

THIS PRODUCT IS FOR OFFROAD USE ONLY. ALL LIABILITY FOR INSTALLATION AND USE RESTS WITH THE OWNER.

**CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE.**

## Injury hazard

### **Failure to observe these instructions could lead to severe injury or death.**

- ☐ **Always** remove jewelry and wear eye protection.
- ☐ **Always** use extreme caution when jacking up a vehicle for work. Set emergency brake and use tire blocks. Locate and use the vehicle manufacturers designated lifting points. Use jack stands.
- ☐ **Always** use appropriate and adequate care in lifting components into place.
- ☐ **Always** insure components will remain secure during installation and operation.
- ☐ **Always** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause serious eye injury.
- ☐ **Always** use extreme caution when drilling on a vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling, and relocate any objects that may be damaged.
- ☐ **Always** use extreme caution when cutting and trimming during fitting.
- ☐ **Always** tighten all nuts and bolts securely per installation instructions.
- ☐ **Always** route electrical cables carefully. Avoid moving parts, components that become hot and rough or sharp edges.
- ☐ **Always** insulate and protect all exposed wiring and electrical terminals.
- ☐ **Always** perform regular inspections and maintenance on mounts and related hardware.





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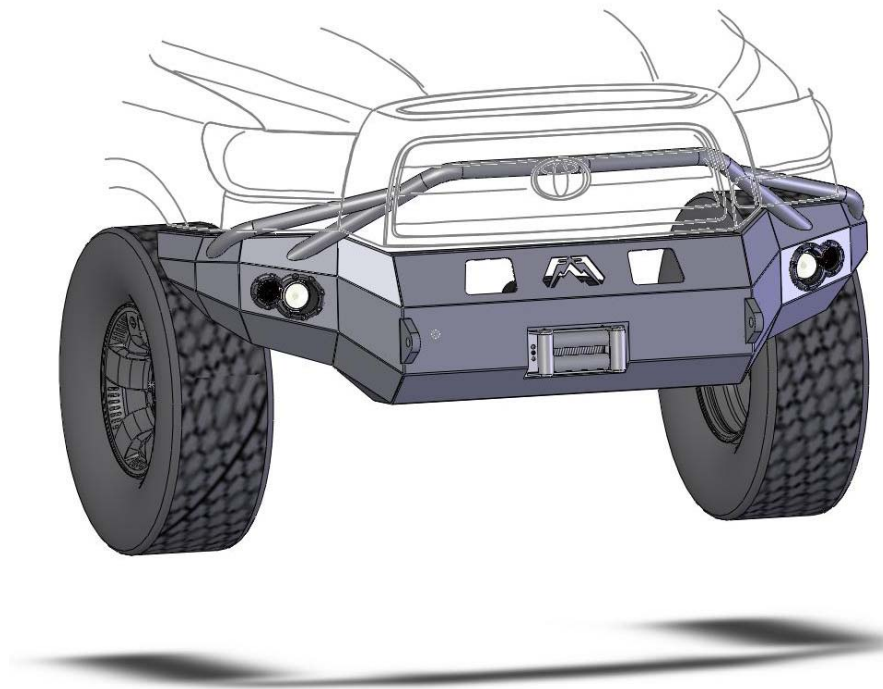
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### I. Overview

Congratulations on your new purchase of the industries' best and most stylish Front Winch Bumper available for the 2007+ Toyota Tundra! This Bumper has been **engineered** for strength while keeping the weight down.

Your Front Bumper designed in 3-D from digitized data, CNC laser cut, fabricated, and powder coated... all in the U.S.A.

Enjoy the fit and finish of a quality Toyota Tundra Front Winch Bumper from Fab Fours Inc.





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### II. Tools Required

- Socket Wrench with Extension
- Breaker Bar
- 11/16" 10mm, 14mm, 17mm, & 18mm Sockets
- Flat and Phillips Head Screw Drivers
- 11/16" Box End Wrench
- Floor Jack and wood block.

### III. Removal of Stock Bumper

***A. Remove Dart Clip from front inner fender lining from frame. Complete Both Sides. See Image Below***





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***B. Using a Phillips Head screwdriver remove the three screws from the Bottom plastic on the bumper. See Image Below.***



***C. Remove the 2 Phillips head screws located in the inner fender well lining, per side.***

***D. Disconnect the factory fog light harness from the fog lights and secure harness out of harms way and to the frame.***

***E. Remove the factory tow hooks(2 bolts per tow hook) using a 17mm socket and wrench.***





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***F. Using a deep 14mm socket and breaker bar, loosen the 4 14mm nuts located at the connection between the factory frame end and the bumper. See Image Below.***



***G. Remove the bumper by pulling forward away from the vehicle and rolling forward.***

***H. Remove the two (per side) plastic clips from the painted plastic trim pieces located below the headlights. The Hood must be open for this. See Image Below.***







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***I. Remove these plastic painted trim pieces by pulling directly away from the front of the truck. Do not discard these!***

***J. Remove all pop rivets (8 Total) from the front painted plastic bumper upper fascia. See Image Below.***



***K. Remove all bolts holding the painted plastic fascia piece using a 10mm socket and wrench (16 total). See Image Below in addition to Image Above.***





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***L. Remove the Phillips pop rivet holding the fascia to the inner fender. 1 per side.***

***M. Remove the two(one per side) 10mm screws from the recessed hole in the inner fender well.***

***N. Pull the edges of the plastic fascia from the truck and directly away from the front to snap free. Set fascia aside.***

***O. Remove the two 10mm screws using a socket from the plastic spacer pieces located on the lower fender. With Screws removed pull bracket straight off the truck. Complete on opposite side. See Image Below.***



***P. Your Truck is now ready for the installation of your new Fab Fours Front Winch Bumper!***





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#### IV. Pre-Installation Assembly

**A. Remove the Bumper from the shipping carton. Lay all items out on a blanket to prevent damage to the powder coating.**

**B. OPTIONAL: If installing winch and roller fairlead (neither provided) into bumper, do it at this time. Follow the winch Manufacturers instructions to mount the fairlead to the front of the bumper and the winch itself to the 4 hole pattern on the internal winch tray of the bumper.**

**C. Install turn signal into light pockets as shown using self-tapping screws as shown below.**







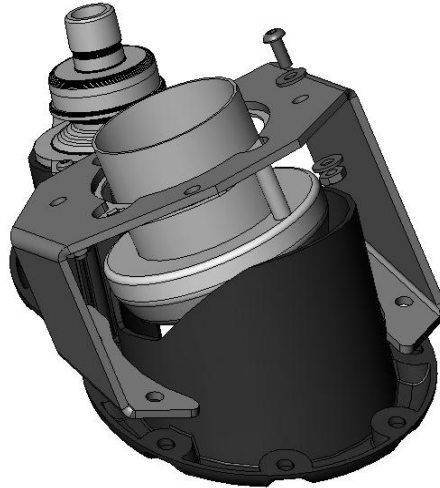
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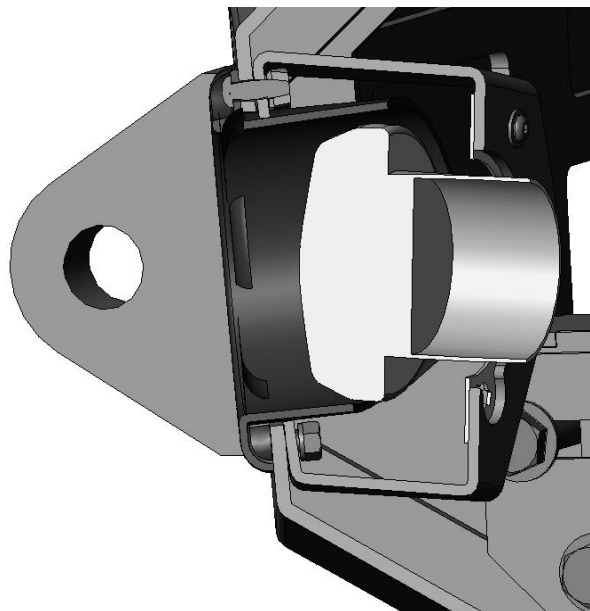
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***D. Install fog lamp into brackets as shown using #10-32 bolts and nuts. Be sure to align large cutout in light bracket with adjuster screw on light assembly, with the large cutout on the light insert.***



***E. Install light pocket into bumper through front face, align corresponding fog lamp/bracket from back side. Secure with 10 (each side) button head screws as shown. Verify that light alignment adjusters are on bottom of light assembly. Repeat for other side.***





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### V. Front Winch Bumper Installation

**NOTE:** The Following Installation steps apply to the installation of the Front Winch Bumper. PLEASE READ THE ENTIRE MANUAL BEFORE ATTEMPTING INSTALLATION! Ignoring these steps will increase your probability of scratching the vehicle during product Installation!

***A. Using the OEM hardware install the intermediate mounting brackets to the frame. This requires the four 14mm nuts and two 17mm bolts (Previously used on the tow hooks) per side. Do Not Tighten Fully, Only Finger Tighten to allow for adjustment. See Image Below.***



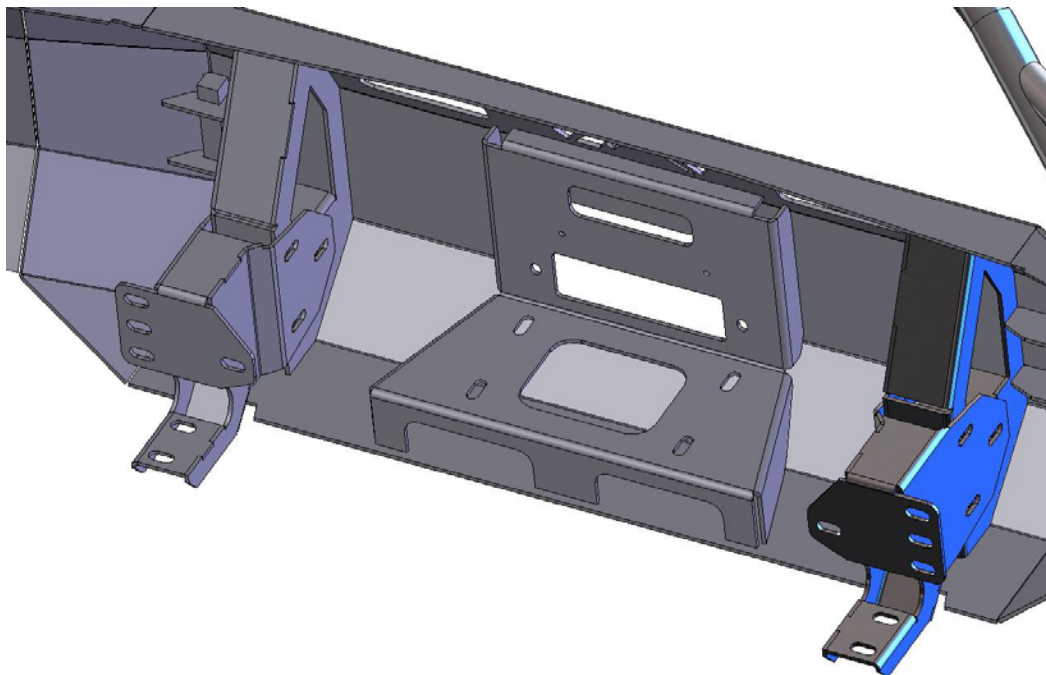


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***B. Carefully align bumper mount towers with intermediate mounts and slide bumper into place. Install the supplied 7/16" mounting bolts but do not tighten fully. It may be helpful to support bumper with a floor jack(s) during install. Repeat for other side. This will at minimum require two people to hold the bumper and a third person to install the supplied hardware. See Image Below.***



***C. Adjust the bumper to achieve good visual alignment as follows:***

1. Adjust "castor" with mounting bracket bolts.
2. Adjust in/out, up/down, and left/right with the intermediate mount bolts. Allow 0.5" Gap from all painted surfaces for Frame Flex.

***D. Tighten all fasteners; beginning with frame mounts. Then tighten all mount-to-bumper fasteners.***





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***E. Trim inner-fender liners to match bumper if desired.***

***F. Connect wiring harnesses to lights as shown in wiring diagram.***

***G. Verify proper operation of lights. Note: Turn indicators should be dim during “running” condition and flash bright for turn.***

## VI. Wiring Diagram

### Driver Side Turn Indicator at Headlight

OEM (Running) Purple w/Silver → White Fab Fours  
OEM (Turn) Red w/Silver → Red Fab Fours  
OEM (Ground) White w/Black → Green Fab Fours

### Passenger Side Turn Indicator at Headlight

OEM (Running) Purple w/Silver → White Fab Fours  
OEM (Turn) Pink w/Silver → Red Fab Fours  
OEM (Ground) White w/Silver → Green Fab Fours

### Fog Lamp

OEM (Power) White w/Black → Black Fab Fours  
OEM (Ground) Blue → Red Fab Fours

***A. Tap into Factory Harness on each side of the truck to supply the Fog Lights. Cut wiring short if possible.***

***B. Route the supplied turn indicator harness under and behind the headlight.***





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***C. Remove the OEM turn indicator from the OEM headlight assembly to allow for easier access to the wiring.***



***D. Tap into the OEM turn indicator harness following the color codes above.***





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### VII. Maintenance/Care

- ☐ Periodically check and tighten all fasteners.
- ☐ Stripped, fractured, or bent bolts or nuts need to be replaced.
- ☐ After washing of the vehicle make sure to fully dry all surfaces

### VIII. Contact Information

Fab Fours Inc.  
10424 Rodney St.  
Charlotte, NC 28134

Phone (866)-385-1905  
Fax (866)-574-1424  
Email [Support@fabfours.com](mailto:Support@fabfours.com)



**More than expected... Better than expected**

