



Installation Instructions

Ford F150 Vengeance Front

Product Number: D4551, D4552
Application: 2018+ Ford F150

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 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.



D455X_REV_A



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I. Overview

Congratulations on your new purchase of the industries' best and most stylish front bumper available for the 2018 Ford 150. This bumper has been designed to be lightweight and easily customized with the industry's highest quality accessories.

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 Vengeance Ford F150 Front Bumper from Fab Fours Inc.



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Parts List

- D455X replacement bumper
- 50115-HW fastener kit
- Instruction manual

Tools Required

- Socket wrench with extension (ratcheting wrenches may also be convenient)
- 7mm, 8mm, 9mm, 10mm, 15mm , and 5/8" sockets and box end wrenches
- T15 torx
- Hex key sets
- Flat head screw drivers
- Floor jack and wood block.
- 9/16" socket
- 9/16" wrench

II. Removal of OEM Bumper

Note: Save all OEM parts until installation is complete!

- A. Using a flathead screwdriver, carefully remove center plastic piece, indicated by oval in the center of the OE bumper.



Figure 1a



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Figure 1b

- B.** Using 21 mm socket, remove the three nuts per side, two are located under the plastic center piece (ref. fig. 2a-b) and the third accessible from the back of the frame (ref. fig. 2c). If front OEM bumper contains the adaptive cruise control module it will be located behind the driver's side cover (ref. fig. 2a). Remove adaptive cruise control unit using an E6 external socket to remove the studs located with the arrows. Unplug the device.



Figure 2a

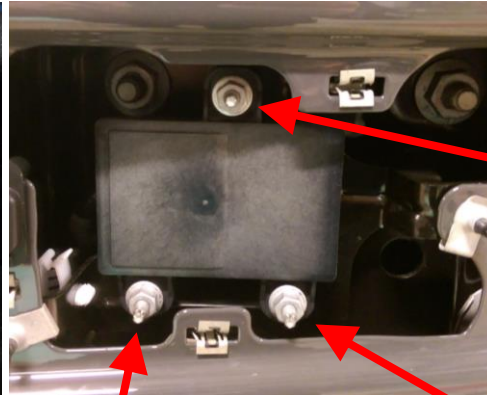


Figure 2b



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Figure 2c

- C. To remove the electrical harness, unplug fog light and remove one (1) Christmas tree plug on each side. At this time, carefully pull away bumper checking to make sure nothing is still connected.
- D. Pull rubber covers off the tow hooks. Use a 15 mm socket to remove the two bolts per side holding the tow hook in place.



Figure 3

- E. Slide out both nut strips from the frame channel when done.
- F. If your vehicle model includes a louver system for the intercooler located between the frame mounts, the shroud must be removed. Special care must



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be taken not to damage louvers when cutting around the base of the rectangular shroud, a cut off wheel is recommended.



Figure 4 (Louver w/ shroud cut away at base)



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- G. Remove the push pins that hold the rubber piece under the headlights. Pull away.



Figure 5

III. Pre-Installation

NOTE: The following installation steps apply to the installation of the front bumper. **PLEASE READ THE ENTIRE MANUAL BEFORE ATTEMPTING INSTALLATION.** Ignoring these steps will increase your probability of scratching the vehicle during product installation.

- A. Remove the bumper from the shipping carton. Lay all items out on a blanket to prevent damage to the powder coating.
- B. If you are installing aftermarket lights, do the wiring for those now and install them into the bumper. (But don't plug them in until after bumper install)



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IV. Front Bumper Installation

- A. Use painter's tape to tape off the valence of your truck to help prevent scratching the paint.
- B. Bolt 20" light bar bracket into bumper (Ref Figure 6) using the provided 3/8" hardware!



Figure 6

- C. Using the supplied hardware and a 5/8 socket, mount the bumper to your truck but do not fully tighten. There will be 6 bolts.
- D. Adjust the height of the bumper to the truck and tighten the bolts. (Fab Fours recommends 3/8" profile gap as a standard.)
- E. Enjoy your new Vengeance Front Bumper from Fab Fours!



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F. *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



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