



# INSTALLATION INSTRUCTIONS

## SHACKLE BRACKET TOW HOOK KIT

For 92-97 F-250 / F-350 (OBS style Ford trucks)

**CARELESS INSTALLATION AND OPERATION OF THIS PRODUCT CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.**

This guide identifies potential hazards and has important safety messages

**WARNING, CAUTION, NOTICE, & Note** are signal words that identify the level of hazard. These are outlined below:

**WARNING** signals a hazard that could cause serious injury or death if you do not follow recommendations.

**CAUTION** signals a hazard that may cause minor to moderate injury if you do not follow recommendations.

**NOTICE** signals to call attention to important information

**Note:** to emphasize general information worthy of special attention

**CAUTION**

**PLEASE WORK SAFELY**

**CAUTION**

**BEFORE DRILLING INTO ANY VEHICLE CHECK THAT THE AREA TO BE DRILLED IS CLEAR OF ANY WATER LINES, FUEL LINES, ELECTRICAL WIRING, OR KEY MECHANICAL EQUIPMENT. ALWAYS USE CAUTION WHEN DRILLING OR CUTTING ON A VEHICLE.**

**WARNING**

**FAILURE TO INSPECT THE AREA TO BE DRILLED MAY RESULT IN VEHICLE DAMAGE, OR PERSONAL INJURY.**

**WARNING**

**WEAR APPROPRIATE PPE WHEN INSTALLING THIS KIT: GLOVES, HEARING PROTECTION, SAFETY GLASSES/GOGGLES.**

**Note:**

Please read these instructions completely before installation of this kit.

**WARNING**

**As these trucks are 30 to 50+ years old, before installation of this kit the front frame rail ends should be inspected to ensure rigidity and ability to securely hold this product. If there are rust holes or there is other physical damage to frame then frame should be professionally repaired before installation of this product.**

Thank you for your purchase of the **Engineered Vintage Shackle Bracket Kit**

These shackle brackets are designed to bolt onto your 92-97 F-250 / F-350 FORD truck frame behind the bumper and provide a solid tow point at the front of vehicle. These will fit 2wd & 4wd trucks of these years

## **92-97 OBS F-250 / F-350 FORD SHACKLE BRACKET install**

Begin by noting bumper alignment between bottom of front sheet-metal and top of bumper on each side – it is recommended to measure this before removing bumper

Remove bumper from front of truck by removing the four 13/16 head bolts that hold it on.

Bumper removal video (credit to **Broncos and Parts Garage**):  
<https://www.youtube.com/watch?v=t4a5bPsRfeU>



Once bumper is removed, ascertain which frame rail you have on your truck (2 hole or single hole)

If truck has two holes (as shown) bolt hook on, with washers inside frame rail, tighten bolts, and double check clearance between bumper and hooks. Adjust bumper height and/or hooks as necessary to fit. Tighten bolts to 100 FT-LBS.

Repeat process for other side.

### **Installation is complete**

If truck frame horn only has single front hole, installer will need to drill a hole in each frame rail to secure hook. Start by mounting the hook in front hole, install front bolt and tighten front bolt to prevent Shackle Bracket from rotating.

On install shown, the angle finder is at approximately 5-degrees from 90-degrees vertical. Double check fit between bumper and hook for clearance.



**WARNING**

**Drilling operations can cause flying chips. WEAR SAFETY GOGGLES. Flying chips can cause eye injury.**

**CAUTION**

**Cutting metal – can cause sparks, chips, etc...  
Use correct personal protective equipment & make sure area behind drilling location is free of hazards.**

Use a 5/8" diameter drill bit & drill and carefully use the Shackle bracket as a guide to mark the center of the rear hole. Drill into the truck frame slightly until the center of the rear hole location is apparent. Remove or rotate the shackle bracket out of the way during drilling.

Next, starting with a 1/8" drill bit, drill the frame using larger and larger drill bits until finishing each hole with a 5/8" drill bit. Once completed, mount the shackle brackets. Install washers



on inside of frame and then lock washers (or loc nuts) and nuts. Torque 5/8 bolts to 100 ft-lbs. Repeat for other side.

### Installation is complete



### Recommended care:

Regular washing with fresh water and mild car wash detergents followed by rinsing and drying with a soft towel is the best minimum care. Beyond that, any cleaner/wax recommended for automotive finishes will work well to remove minor stains and scuffs, enhance the shine and provide protection.

Thank you and check out our other products at: [\*\*EngineeredVintage.com\*\*](http://EngineeredVintage.com)

