



**VAN STORAGE SOLUTIONS**

FOR THE WAY YOU WORK™

# INSTALLATION MANUAL

**Models 96111-3-02 & 96511-3-02  
Bulkheads for 2014 and Later  
Ford Transit Connect Vans**

**ATTENTION: PLEASE READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS BEFORE ASSEMBLING, INSTALLING OR USING THIS PRODUCT.**

This “-02” bulkhead is only intended for a 2014 model year and later Ford Transit Connect Vans. If you have a 2013 or earlier Transit Connect van, a different bulkhead (either an 96111-3-01 or 96511-3-01) must be used.

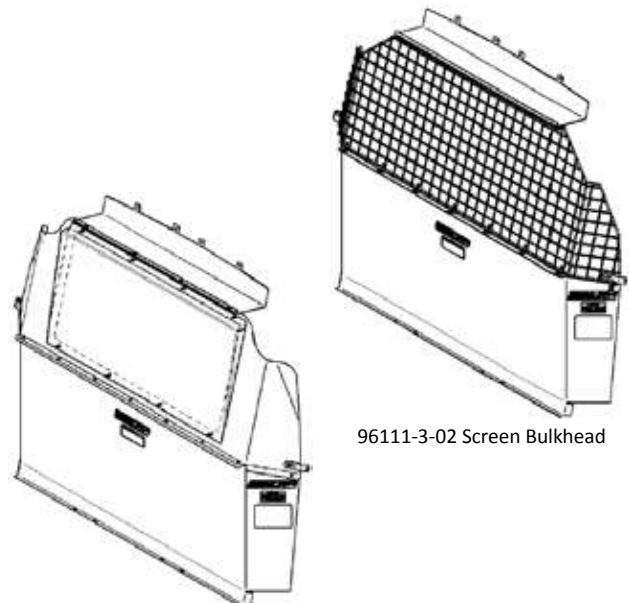


## PLAN YOUR VAN (TIPS FOR FASTER INSTALLATION)

Before drilling into the van, check for electrical wiring and air-bag system components.

## HARDWARE KIT

Description	Qty.	
1/4-20 x 3/4" Bolts	17	
1/4-20 x 1-1/2" Bolts	8	
1/4-20 x 2-1/4" Black Bolt	1	
1/4-14 x 3/4" Self-Tapping Screws	4	
1/4" Flat Washers	21	
1/4" Lock Washers	4	
1/4" Nylon Retaining Washers	4	
1/4-20 Nylon Lock Nuts	15	
1/4-20 Blind Fasteners	4	
Blind Fastener Installation Tool	1	
1/2" Spacers	4	
3/4" Spacers	4	



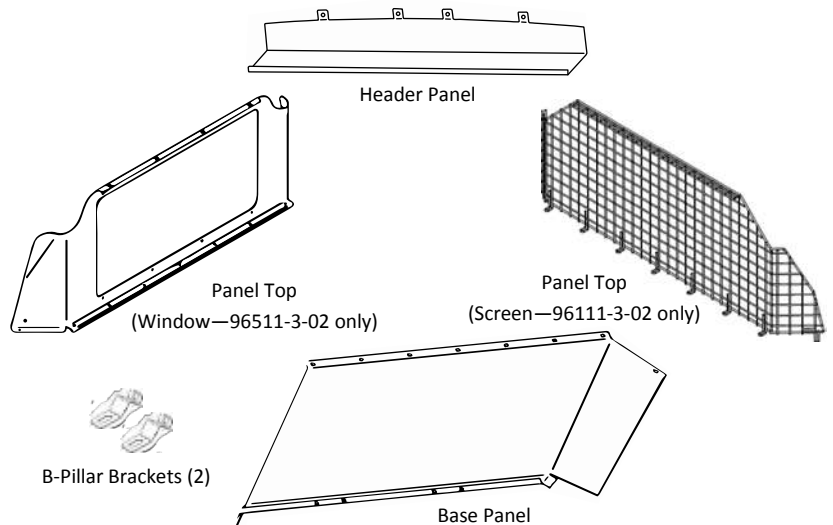
96111-3-02 Window Bulkhead

96111-3-02 Screen Bulkhead

## TOOLS REQUIRED

- 3/8" and 7/16" Sockets
- Electric Drill/Driver
- Ratchet Handle
- 7/16" Wrench
- 9/16" Wrench
- Floor Hole Locator Template (page 3&4)
- Marker
- 1/8" Drill Bit
- 7/32" Drill Bit
- 3/8" Drill Bit
- 1-1/8" Hole Saw
- 1/4-20 Thread Tap
- Utility Knife

## PARTS LIST



Header Panel

Panel Top

(Window—96511-3-02 only)

Panel Top

(Screen—96111-3-02 only)

B-Pillar Brackets (2)

Base Panel

**STEP 1. Assemble Bulkhead**

Bolt panel top to base panel using nine each 1/4-20 3/4" bolts, 1/4" flat washers and 1/4-20 nylon lock nuts as shown in figure 1. For the purposes of this instruction sheet, the screen version of the bulk-head will be shown but the window version of the bulkhead installs in the same manner.

**STEP 2. Loosely Assemble B-Pillar Brackets to the Panel Top**

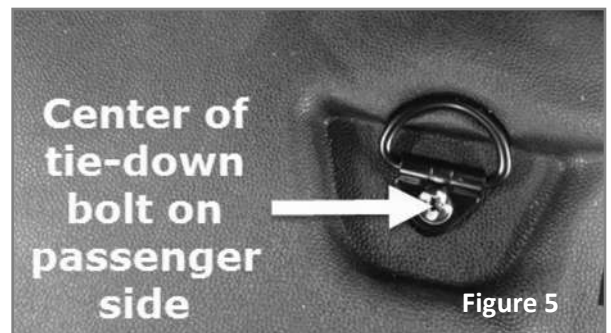
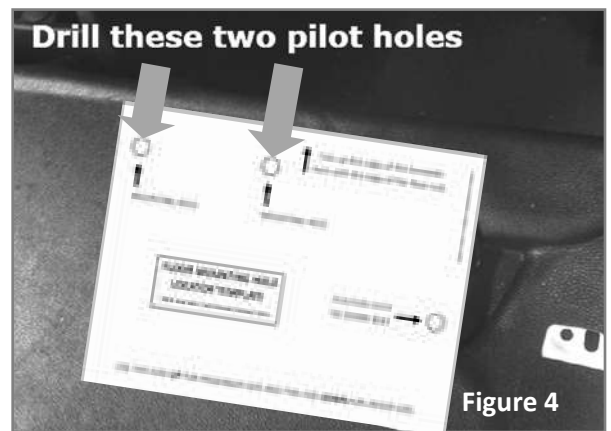
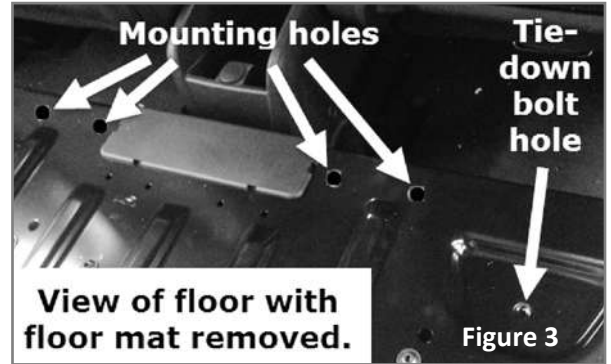
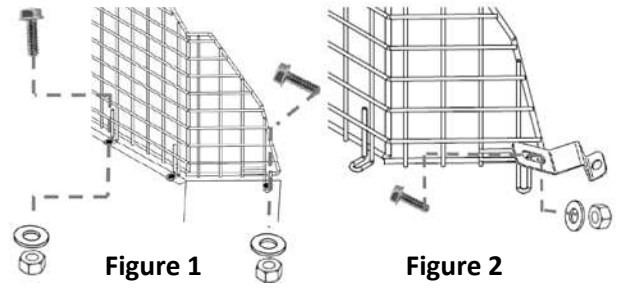
Loosely bolt a B-pillar bracket to each side of the panel top to base panel using two each 1/4-20 3/4" bolts, 1/4" flat washers and 1/4-20 nylon lock nuts as shown in figure 2. Do not tighten the hardware at this time.

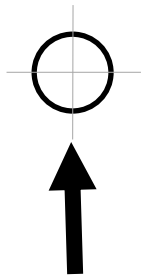
**STEP 3. Locate Existing Mounting Holes in Floor of Van**

The four mounting holes at the bottom of the base panel line up with four pre-punched holes in the floor of the Transit Connect located directly behind the seats and under the floor mat (see figure 3). Position the floor hole locator template (page 3 of these instructions) as shown in figure 4 using the front edge of the floor and the center of the tie-down bolt (see figure 5) as reference points on either side. Mark the hole locations on the floor mat and then drill a 1/8" pilot hole to confirm the exact location for each of the four holes.

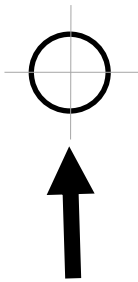
**STEP 4. Drill 1-1/8" Holes in the Floor Pad Directly Above the Four Floor Mounting Holes**

With the hole saw and using the pilot holes drilled in step 3, drill a 1-1/8" hole in the floor pad directly above each of the four floor mounting holes. See figure 6. **Be careful not to drill through the van floor with the hole saw!**





MOUNTING HOLE



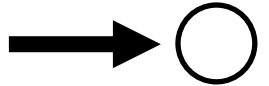
MOUNTING HOLE




Line up this edge of the template parallel  
with the edge of the floor mat.

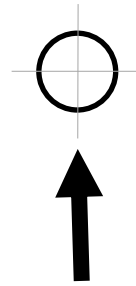
**FLOOR MOUNTING HOLE  
LOCATOR TEMPLATE**  
2014 and later Ford Transit Connect Vans

CENTER OVER  
TIE-DOWN BOLT

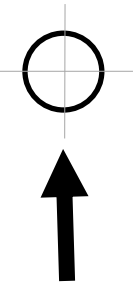


USE THIS SIDE OF THE PAGE FOR THE **PASSENGER SIDE** OF THE VAN

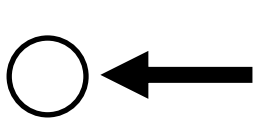
 Line up this edge of the template parallel  
with the edge of the floor mat.



MOUNTING HOLE



MOUNTING HOLE



CENTER OVER  
TIE-DOWN BOLT

**FLOOR MOUNTING HOLE  
LOCATOR TEMPLATE**

2014 and later Ford Transit Connect Vans

USE THIS SIDE OF THE PAGE FOR THE **DRIVER SIDE** OF THE VAN

**STEP 5. Install Blind Fasteners and/or Spacers in Floor of Van**

2014-2017 – Widen the existing four floor mounting holes by drilling them with a 3/8" drill bit. Install a blind fastener in each of these holes following the **instructions on page 7**. Position a 3/4" floor spacer on top of each installed blind fastener.

2018 & newer – Drill holes to 7/32" and tap to 1/4-20 thread. Position a 3/4" floor spacer on top of each threaded hole.

**STEP 6. Attach Bulkhead in Van**

Position the bulkhead in the van with the decals facing the rear of the van. Using the 7/32" bit, drill out the two B-Pillar Holes nearest the B-Pillar brackets and tap them to 1/4-20 thread. Using two each 1/4-20 x 3/4" bolts and 1/4" flat washers, attach the B-pillar brackets on either side to the B-pillar of the van through the existing holes punched into the B-pillar (see figures 7 & 8). The hardware attaching the B-pillar brackets to the bulkhead should remain loose at this time. Secure the bottom of the bulk-head to the van floor using four each 1/4-20 x 1-1/2" bolts and 1/4" lock washers into the blind fasteners (see figure 7).

**STEP 7. Modify the Headliner to Accommodate the Header Panel**

2014-2017 – Using a utility knife, cut a slot along the headliner ridge as shown in figures 9 and 10. The slot should be centered left-to-right and just long enough to allow the top part of the header panel to slip above the liner and attach to the roof rib in the van (Figure 11).

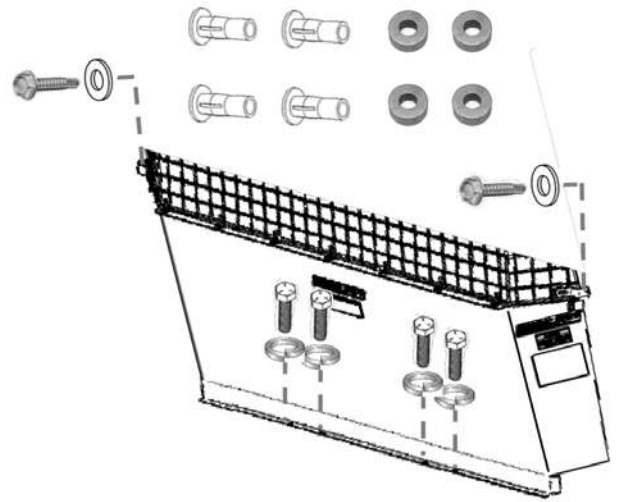


Figure 7

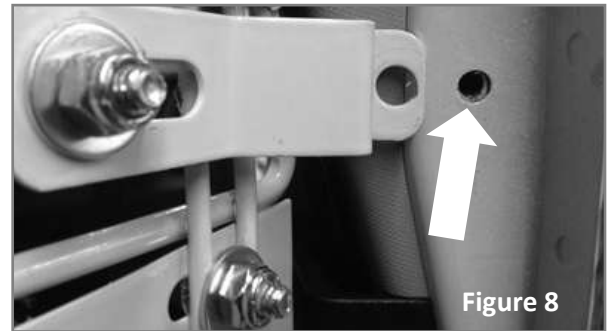


Figure 8

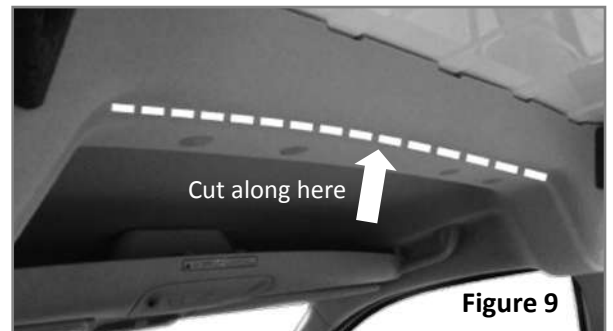


Figure 9



Figure 10

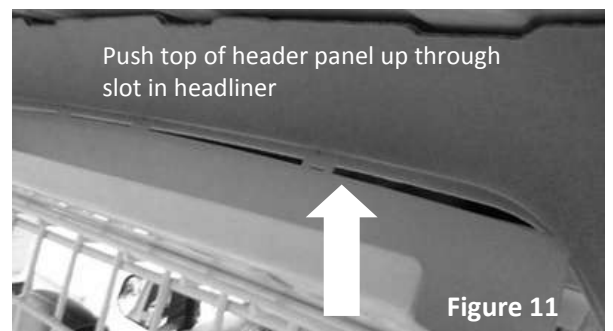


Figure 11

2018 & newer – Pull out the four grey plastic clips at the back of the headliner (Figure 12). While holding the center black foam piece up, pull down on the back of the headliner until the white plastic pin (shown in Figure 13 with foam piece already removed) clears the bottom of the foam piece and remove the foam piece. Cut the foam piece along the corner edge at the back (Figure 14). Place the front portion of the foam back into the van between the headliner and the roof rib and replace the four plastic clips (Figure 15).

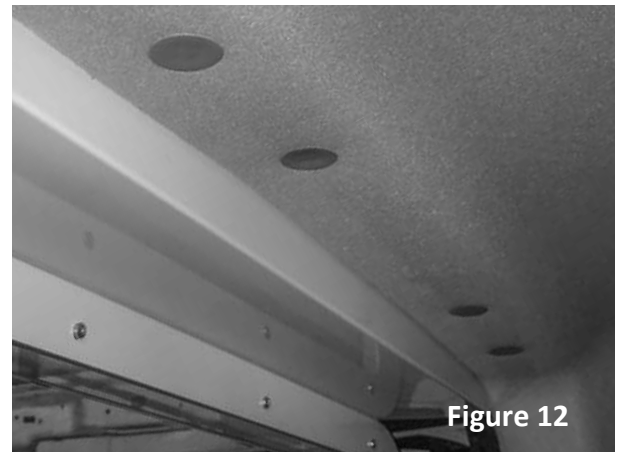


Figure 12

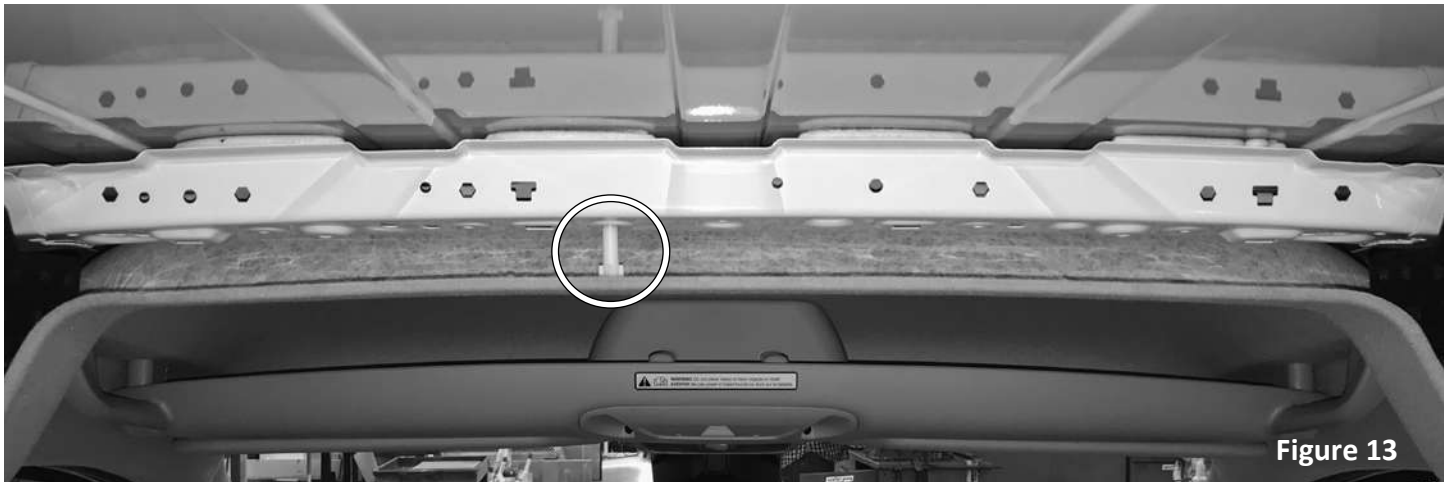


Figure 13

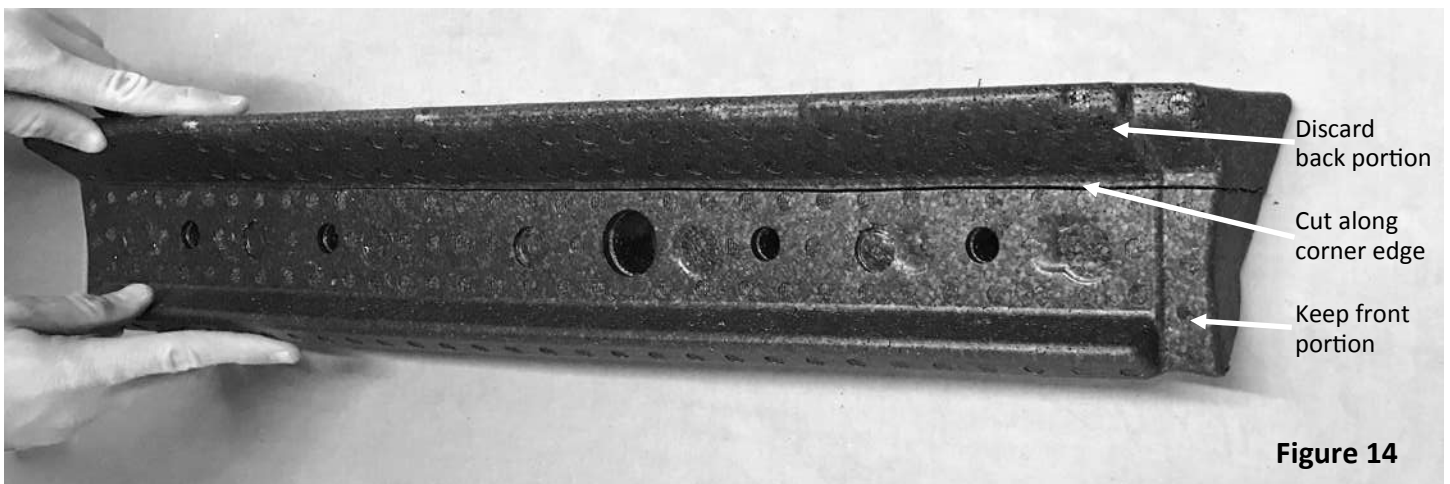


Figure 14



Figure 15

**STEP 8. Position Header Panel to Panel Top and Loosely Bolt on Place**

Slip the top of the header panel through the slot in the headliner as shown in figure 11 (2014-2017 only) and then loosely bolt the header panel to the panel top using four each 1/4-20 x 3/4" bolts, 1/4" flat washers and 1/4-20 nylon lock nuts as shown in figure 16.

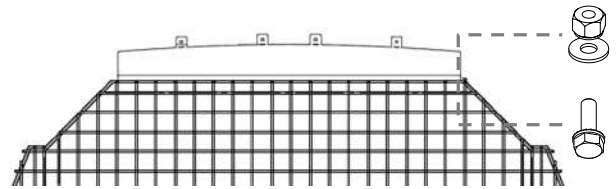


Figure 16

**STEP 9. Attach Header Panel to Roof Rib**

2014-2017 – See figure 17. Pull down slightly on the rear edge of the headliner in order to give you access to the van's roof rib and then, using a drill/driver, attach the header panel to the roof rib through the four tabs using four each 1/4-14 self-tapping screws and 1/4" flat washers.

2018 & newer – Use header panel as template to mark hole locations in the roof rib, drill 3/8" holes, and install blind fasteners. Attach the header panel to the roof rib using 1/4-20 x 1-1/2" bolts, washers, 1/2" spacers, and retaining washers (see Figure 18).

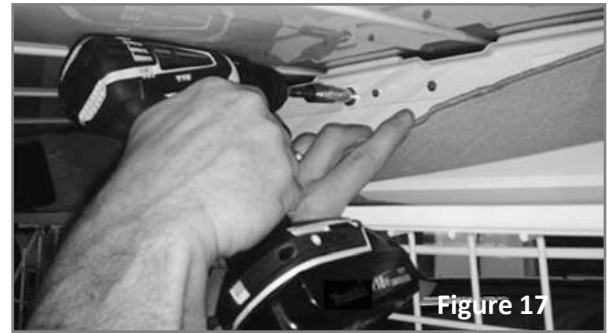


Figure 17



Figure 18

**STEP 10. Tighten Loose Hardware**

Tighten the loose hardware from the header panel to the panel top and from the B-pillar brackets to the bulkhead on both sides of the van (Figure 19).

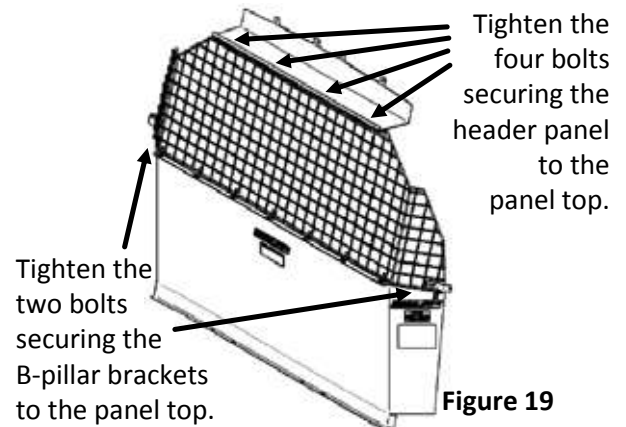
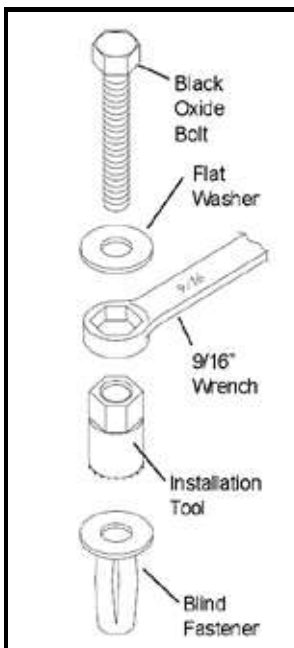


Figure 19



## INSTALLATION PROCEDURE FOR BLIND FASTENERS

Before drilling for blind fasteners, check to make sure that you won't be damaging wiring, fuel lines, brake lines or other critical vehicle systems.

Place a drop of oil on the threads of the black oxide bolt before assembling as shown on left.

Place the blind fastener in the mounting hole until just the top head of the blind fastener is visible above the sheet metal of the vehicle. Use a 7/16" socket driver to tighten the black oxide bolt until the blind fastener is fully seated.

The first few turns of the black oxide bolt will be require some force but as the blind fastener "bulbs" out under the sheet metal it will get easier until the blind fastener bottoms out or sets.

The 9/16" wrench and installation tool will make sure that the blind fastener does not turn during the installation.

## **WARNING**

This product can reduce the driver's ability to clearly see roadways, vehicular or pedestrian traffic and other objects through the rear and side windows of the vehicle, which can cause an accident. Extra precautions should be taken when driving a vehicle with this product. Make all adjustments necessary to ensure maximum visibility, including but not limited to, changing mirror and seating positions. State and local laws may prohibit obstruction of windows in a moving vehicle.

These instructions are to be followed using the parts and fasteners supplied for proper installation. Any modifications or improper installation of this product will create a hazardous condition that could result in death, serious personal injury and/or property damage.

## **CAUTION**

Prior to drilling, so as not to cut electric wires, fuel lines, brake lines, etc., check behind and underneath drilling and mounting locations. To keep debris out of your eyes when checking the underside of the vehicle, or when drilling, always wear protective eye wear. Failure to heed this warning will result in death or serious injury.

## **- NOTICE -**

Any modification or unintended use of this product shall immediately void all manufacturer's warranties. Manufacturer disclaims all liability for injuries to persons or property resulting from any modification to, or unintended use of this product.