



**VAN STORAGE SOLUTIONS**

FOR THE WAY YOU WORK™

# INSTALLATION MANUAL

## Bulkhead

Model Number 96141-3-01 and 96142-3-01

WWW.WEATHERGUARD.COM

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

### **! PLAN YOUR VAN (TIPS FOR FASTER INSTALLATION)**

- Installing your ProMaster bulkhead is very clear cut following these instructions.
- Before cutting or drilling in the floor, verify the location of you gas tank, fuel lines and electrical cables so you don't accidentally cut something important.
- When mounting to the floor, make sure that the blind fasteners go into the sheet-metal floor and not the composite floor. A hole saw will give you a nice, clean edge. Always wear eye protection when drilling or cutting.
- When mounting to the B-pillar, you'll need to cut through the plastic trim. A hole saw will give you a nice, clean edge. Use the 1/2" spacers to ensure a solid mount to the van.
- Your ProMaster van bulkhead can be up-graded with a swing-door conversion kit, 96901-3-01. If you think you might want to change to it in the future, put an extra nut between the driver's side panel and the center panel to allow enough space.

### INSTALLATION TIME

Approximate installation time: 60 minutes per unit depending on van equipment installation experience.

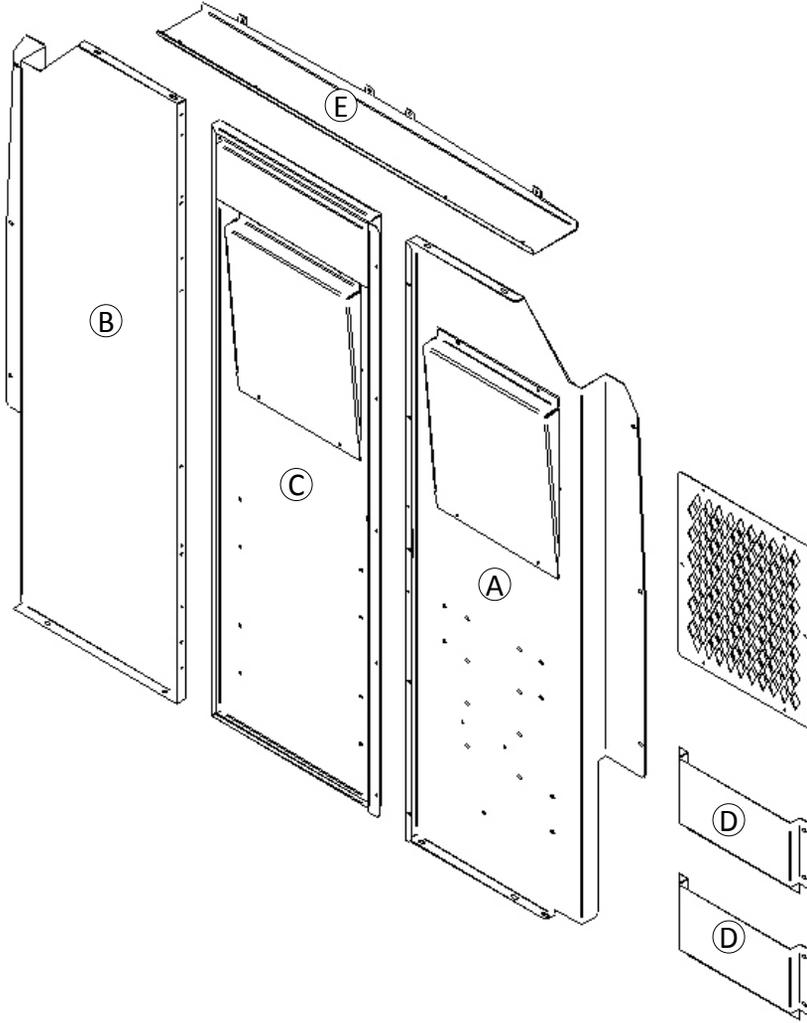
### TOOLS REQUIRED

- Electric Drill
- Electric Drill-driver or impact wrench
- Pencil or Marker
- Hammer
- Center Punch
- 1" Hole Saw
- Hack saw blade or sharp knife
- 7/16" and 1/2" Driver Bits and/or Sockets
- Drill Bits: 1/8", 3/8", 1/2", 13/32"
- Ratchet Drive for your sockets
- Level
- Carpenter's Square
- Open End Wrenches: 7/16", 1/2", 9/16"

### BOLT KIT

DESCRIPTION	QTY
1/4-20 BLIND FASTENER	6
1/4-20 X5/8" HEX HEAD BOLT	15
1/4-20 NYLON LOCK NUT	24
5/16" FLAT WASHER	8
5/16-18 X2" HEX HEAD BOLT	4
1/4" FLAT WASHER	44
5/16-18 BLIND FASTENER	4
5/16" LOCK WASHER	4
5/16" FENDER WASHER	4
3/8" FLOOR MOUNTING SPACER	8
1/2" FLOOR MOUNTING SPACER	6
1/4-20x5/8 CARRIAGE BOLT	8
BLIND FASTENER INSTALL TOOL	1
1/4-20 x 2-1/4" HEX HEAD BOLT	1
5/16-18 x 2-1/4 HEX HEAD BOLT	1
1/4-20 x 1-1/4 HEX WSHR HD BOLT	6
SCREW, 1/4-14x3/4 DRILL	4
NUT, LOCK 5/16-18 NYLON	4





PARTS LIST		
	Qty.	Description
A	1	Passenger Side Panel
B	1	Driver Side Panel
C	1	Center Panel
D	2	Door Pockets
E	1	High Roof Header Panel
	1	Bolt Kit – Part #32-0198

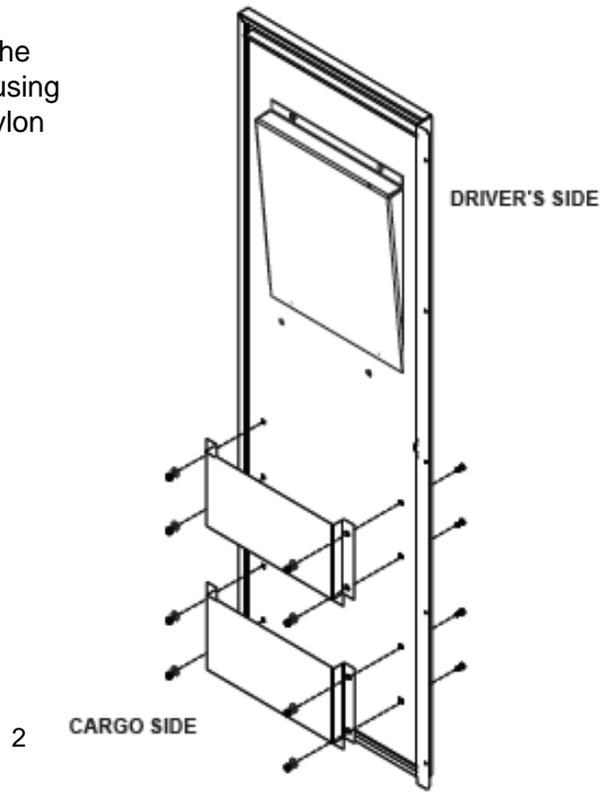
Bulkhead model 96141-3-01 has two clear polycarbonate windows mounted to panels A and C.

Bulkhead model 96142-3-01 has two diamond mesh screens mounted to panels A and C.

Available accessories:  
 Solid panel kit 96902-3-01  
 Hinge kit 96901-3-01

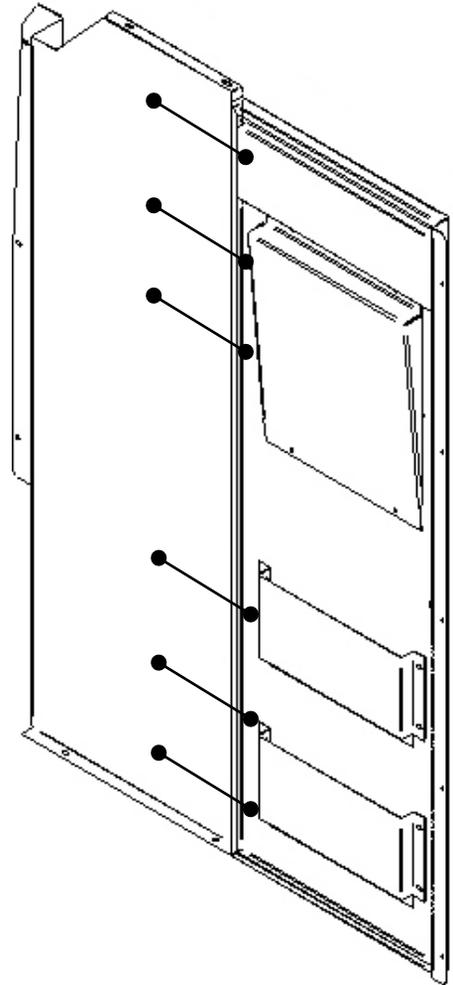
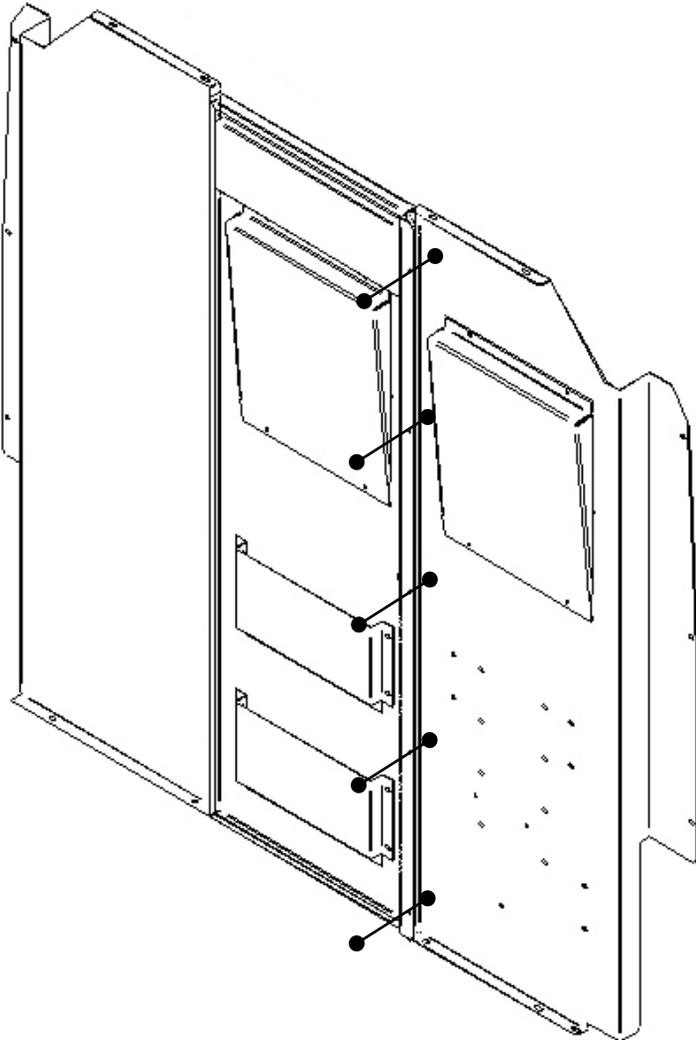
## ASSEMBLY INSTRUCTIONS

**STEP 1.** Assemble the Door Pockets to either the driver's side or cargo side of the Center Panel using eight (8) 1/4-20 x 5/8" Carriage Bolts, 1/4-20 Nylon Lock Nuts and 1/4" Flat Washers.



# ASSEMBLY INSTRUCTIONS

**STEP 2.** Attach Driver Side Panel to Center Panel with both panels flush to the bottom using six (6) ¼-20 x 5/8" hex head bolts, ¼" flat washers, and ¼-20 lock nuts.

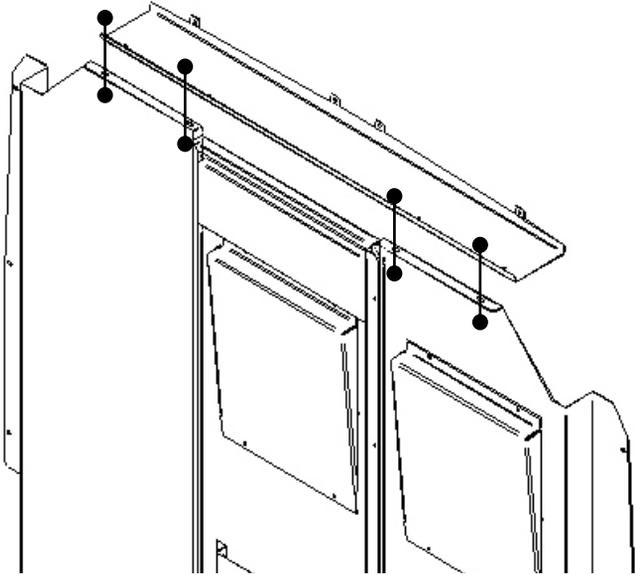


**STEP 3.** Attach Passenger Side Panel to Center Panel with both panels flush to the bottom using five (5) ¼-20 x 5/8" hex head bolts, ¼" flat washers, and ¼-20 lock nuts.

**DO NOT FULLY TIGHTEN FASTENERS AT THIS TIME, PARTS MUST STILL MOVE IN SLOTS.**

**NOTE:** Not all mounting holes will be used on either of the vertical sides of the Center Panel. Extra mounting holes are for the swing door option available for this Bulkhead.

# INSTALLATION INSTRUCTIONS

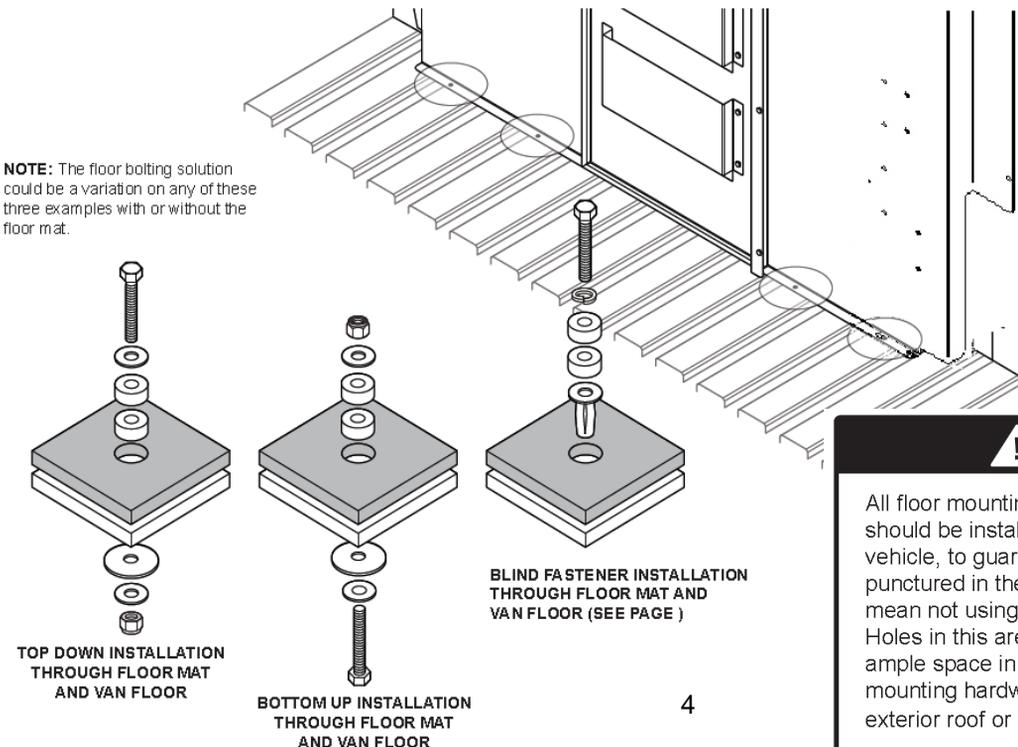


**STEP 5.** Attach the Header Support (Same panel for either Standard or High Roof vans.) to the Bulkhead using four (4) 1/4-20 x 5/8" Hex Head Bolts, eight (8) 1/4" Flat Washers and four (4) 1/4-20 Nylon Lock Nuts.

**DO NOT FULLY TIGHTEN FASTENERS AT THIS TIME, PARTS MUST STILL MOVE IN SLOTS.**

**STEP 5.** Place the Bulkhead against the B-Pillar trim. Using a center punch, mark the four Bulkhead bottom mounting holes on the floor of the van. Ensure the hole is located on the topside of the floor rib. Move the Bulkhead out of the way. Drill a pilot hole with an 1/8" drill bit, then re-drill the hole with a 3/8" drill bit. Floor Mounting Spacers are **required**. If there is a plywood floor in the van cut the wood floor around the 3/8" holes with a 1" hole saw, allowing Floor Mounting Spacers to rest against the metal floor. **DO NOT DRILL THROUGH THE VAN FLOOR WITH THE HOLE SAW.** 5/16" Lock Washers have been provided for bulkhead mounting.

**NOTE:** Four (4) Blind Fasteners are provided for mounting the bulkhead to the floor. See **INSTALLATION INSTRUCTIONS FOR BLIND FASTENERS** on page 6. Do not use blind fasteners over gasoline or CNG tanks or fuel lines. (Alternate hardware is included to follow any of the bolting solutions below.) **Do not bolt the bulkhead to the floor yet.**



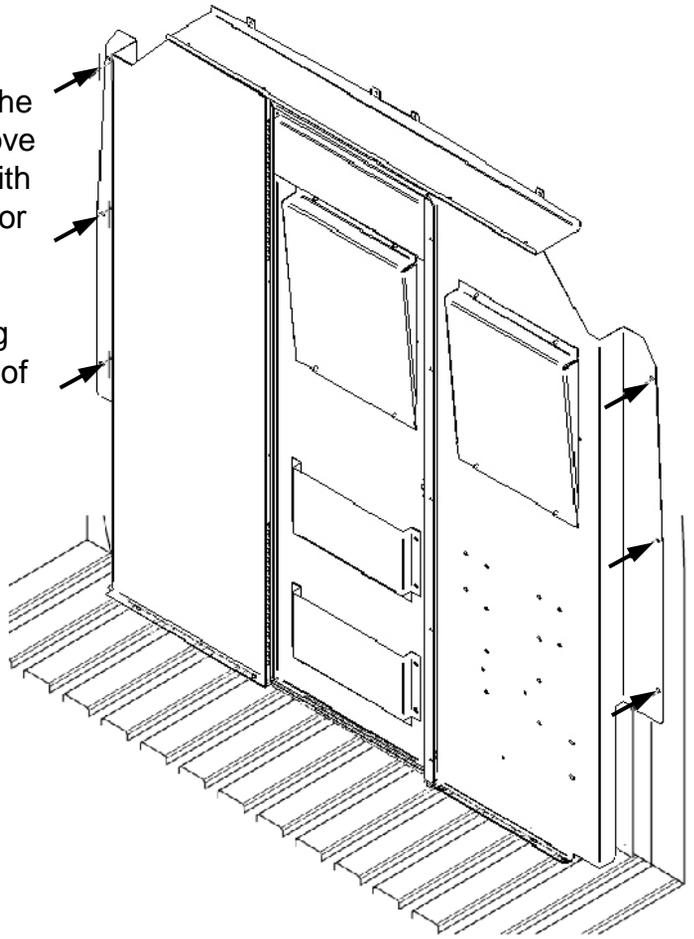
## ! WARNING

All floor mounting bolts near the fuel tank area should be installed from the underside of the vehicle, to guard against the fuel tank being punctured in the event of a collision. This would mean not using Blind Fasteners in this area. Holes in this area should be 5/16". Ensure ample space in roof ribs and sidewall ribs for mounting hardware so as not to puncture exterior roof or wall.

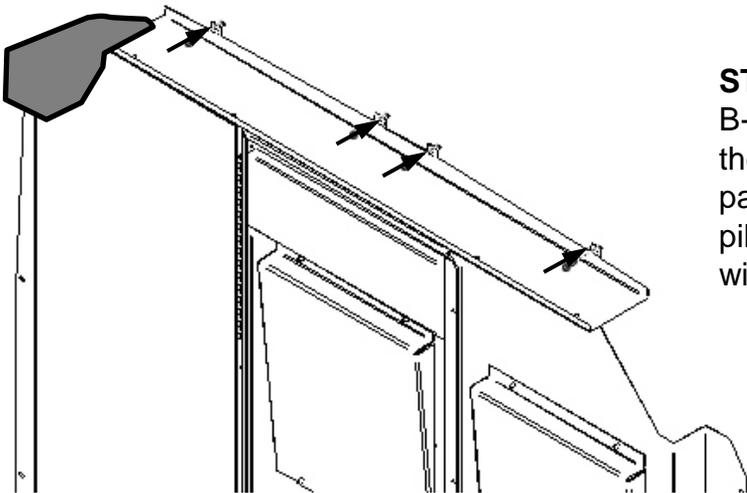
# INSTALLATION INSTRUCTIONS

**STEP 6.** With the Bulkhead against the B-Pillar trim, use a marker or pencil and mark the six Bulkhead side holes on the B-pillar trim. Move the Bulkhead out of the way. Drill a pilot hole with an 1/8" drill bit. Re-drill the hole with a 3/8" bit for the blind fasteners.

The 1/2" thick Mounting Spacers are **required**. Cut the B-pillar trim with a 1" hole saw, allowing 1/2" Mounting Spacers to rest against the metal of the B-pillar. Install six (6) 1/4-20 blind fasteners. See **INSTALLATION INSTRUCTIONS FOR BLIND FASTENERS** on page 6.



**STEP 7.** With the Bulkhead against the B-Pillar trim, use a marker or pencil and mark the four Bulkhead header holes on the roof panel. Move the Bulkhead out of the way. Drill a pilot hole with an 1/8" drill bit. Cut the roof trim with a knife or 1" hole saw if necessary.



**STEP 8.** Re-position the bulkhead and install using six (6) 1/4-20 x 1-1/4" hex head bolts and the six (6) 1/2" Mounting Spacers into the B-pillar blind fasteners.

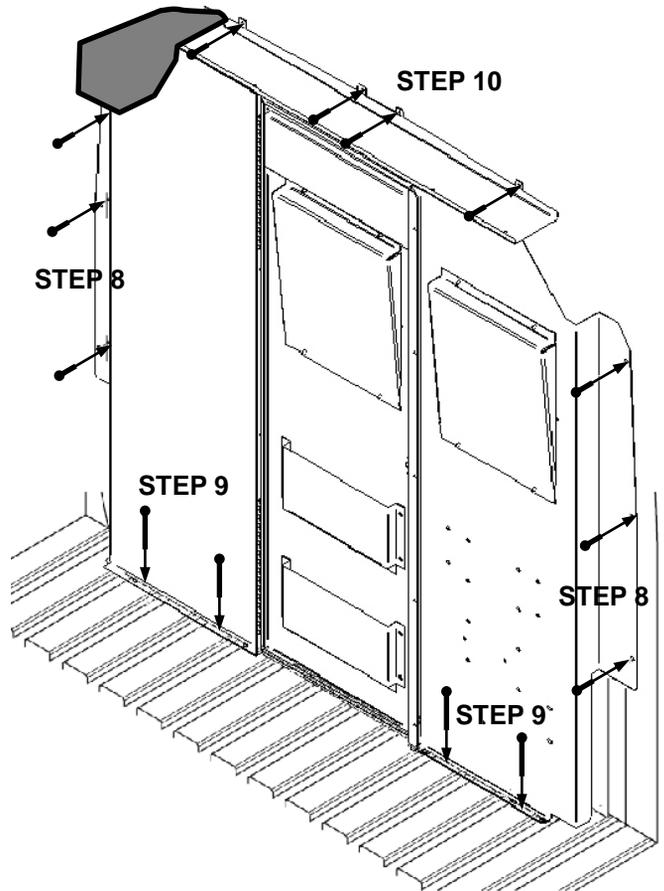
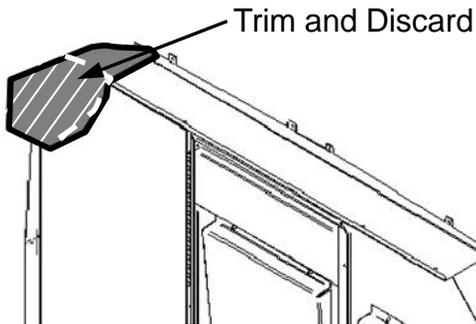
# INSTALLATION INSTRUCTIONS

**STEP 9.** Fasten Bulkhead to van floor using four (4) 5/16-18 x 2" Hex Head Bolts, 5/16" Flat Washers, and four (4) Floor Mounting Spacers.

**STEP 11.** Bend the tabs on the header panel to sit flush against the roof panel. install using four (4) 1/4-14 x 3/4" hex head thread-cutting bolts into the roof panel.

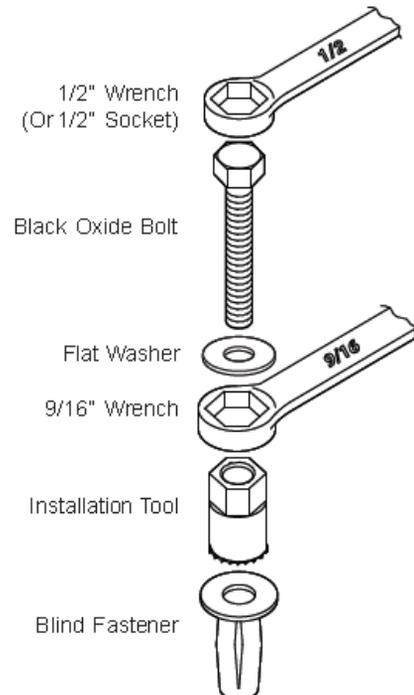
**STEP 11.** Re-check all fasteners and tighten them.

**STEP 12.** If mounting shelf units next to the bulkhead, the foam block on the driver's side will need to be trimmed flush to the bulkhead. Discard the trimmed section. Do not remove the entire foam block. The side airbag is located behind it.



## INSTALLATION INSTRUCTIONS FOR BLIND FASTENERS

Place a drop of oil on the black oxide bolt before assembling as shown on right. Place the Blind Fastener in the hole and use a 1/2" wrench to tighten black hex bolt until the Blind Fastener is fully seated. When setting black hex bolt, it will start out hard. As the Blind Fastener "bulbs" out it will get easier, until it bottoms out or sets. Make sure the Blind Fastener and Installation Tool do not turn during 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 manufacturers warranties. Manufacturer disclaims all liability for injuries to persons or property resulting from any modification to, or unintended use of this product.

## KNAACK LLC LIMITED LIFETIME WARRANTY FOR WEATHER GUARD® PRODUCTS

WEATHER GUARD® Products — Limited Lifetime Warranty  
(Purchased on or after 1/1/2009)

Knaack, LLC (the "Manufacturer") warrants to the original purchaser only that WEATHER GUARD® Truck and Van Products (the "WEATHER GUARD® Product") will be free from defects in material and workmanship from the date of purchase and continuing for the expected lifetime of the WEATHER GUARD® Product. A copy of the original sales receipt must be supplied to the Manufacturer at the time a warranty claim is made. This warranty terminates if the original purchaser transfers the WEATHER GUARD® Product to any other person.

### What Is Covered

All WEATHER GUARD® Products identified above that are purchased on or after January 1, 2009.

### What We Will Do to Correct Problems

Subject to the limitations and exclusions described in this limited warranty, the Manufacturer will remedy defects in materials or workmanship by providing one of the following remedies at its option and without charge to the original purchaser for parts or labor: (a) repairing the defective portion of the WEATHER GUARD® Product or (b) replacing the entire WEATHER GUARD® Product. In addition, the manufacturer may elect at its option, not to repair or replace the WEATHER GUARD® Product, but rather issue to the original purchaser a refund equal to the purchase price paid for the WEATHER GUARD® Product or a credit to be used toward the purchase of new WEATHER GUARD® Product.

### What Is Not Covered

This limited warranty expressly excludes:

- Defects caused by normal wear and tear, cosmetic rust, scratches, accidents, unlawful vehicle operation, or modification to the product, or any types or repair of a WEATHER GUARD® Product other than those authorized or provided by the Manufacturer.
- Defects resulting from conditions beyond the Manufacturer's control including, but not limited to misuse, overloading, or failure to assemble, mount or use the WEATHER GUARD® Product in accordance with the Manufacturer's written instructions or guidelines included with the WEATHER GUARD® Product or made available to the original purchaser.
- Damage to the contents of the box or vehicle.
- TO THE EXTENT PERMITTED BY LAW, IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, INCLUDING ANY ECONOMIC LOSS, WHETHER RESULTING FROM NONPERFORMANCE, USE, MISUSE OR INABILITY TO USE THE WEATHER GUARD® PRODUCT OR THE MANUFACTURER'S NEGLIGENCE.

### No Other Express Warranty Applies

This Limited Lifetime Warranty is the sole and exclusive warranty for WEATHER GUARD® products. No employee, agent, dealer, or other person is authorized to alter this warranty or make any other warranty on behalf of Knaack LLC.

### Notification Procedures

If the WEATHER GUARD® Product does not conform with the terms of this limited warranty, the original owner must promptly notify the Manufacturer in writing upon discovery of the nonconformity. In order to receive the remedies under this limited warranty, the warranty claim must describe the nature of the nonconformity, and a copy of the original sales receipt, invoice, bill or other proof of purchase must accompany the claim. Repairs or modifications made to the WEATHER GUARD® Product by other than the Manufacturer or its authorized agent will nullify this limited warranty. Coverage under this limited warranty is conditioned at all times upon the owner's compliance with these required notification and repair procedures. Warranty claims must include reciprocal contact information and may be made via certified mail to:

Knaack LLC  
ATTN: Warranty Claims  
420 E. Terra Cotta Avenue  
Crystal Lake, IL 60014

If you have any questions, please call toll free at 1-800-458-7865.

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