



**MyGlassTruck**



**VICTORY**



# Installation instructions for Pickup Truck Rack

Universal Design for Full Size Trucks

**MyGlassTruck.com**

**(856) 595-9069**

Section 1	<b>Orientation and Required Tools</b>	Page 4
Section 2	<b>Installing Rack on Bed of Vehicle</b>	Page 6
Section 3	<b>Bolting Cross Bars to Rack</b>	Page 10
Section 4	<b>Secure Rack to Bed Rail</b>	Page 12
Section 5	<b>Underbody Mounts and Attach Bottom of Rack</b>	Page 13
Section 6	<b>Install Front Stop</b>	Page 17
Section 7	<b>Wiring</b>	Page 18
Section 8	<b>Install Exhaust Deflector</b>	Page 22
Section 9	<b>Assemble Poles</b>	Page 23
Section 10	<b>Optional Metal Carrier Installation</b>	Page 25
Section 11	<b>Scotchlok Instructions</b>	Page 31

## **Thank You for Choosing MyGlassTruck | America's Glass Rack Leader**

This document's purpose is to provide a qualified installer with the steps necessary to perform a safe and correct installation. Before beginning installation read this guide and all other instructions provided by MyGlassTruck.com, third party component providers and vehicle providers to ensure you are familiar with the installation procedure, rack and vehicle. If you have questions, please call MyGlassTruck.com at (856) 595-9069. Our qualified personnel will gladly provide answers.

### **Caution**

Victory Truck Body, Inc., parent company of MyGlassTruck.com, has provided within this document detailed installation instructions for the installer of the aluminum van rack provided by MyGlassTruck.com. Failure to follow these instructions or failure to follow safe shop and workplace practices could result in injury or death of the installer or end user of this equipment. PLEASE read this instruction manual thoroughly before beginning the installation process. If you do not understand any step or procedure that is outlined in the manual, immediately call the Victory Truck Body, Inc. engineering department at (856) 595-9069. Hours of operation are 8 am to 5 pm EST, Monday through Friday.

**DO NOT PROCEED WITH ANY INSTALLATION PROCEDURE IF YOU ARE NOT CERTAIN OF ITS CONTENT, INTENTION AND DESCRIPTION.**

### **Important**

When installed, this glass rack and any other components must not alter or prevent vehicle compliance to existing state or federal standards. The finished rack and vehicle should comply with all vehicle manufacturer guidelines.

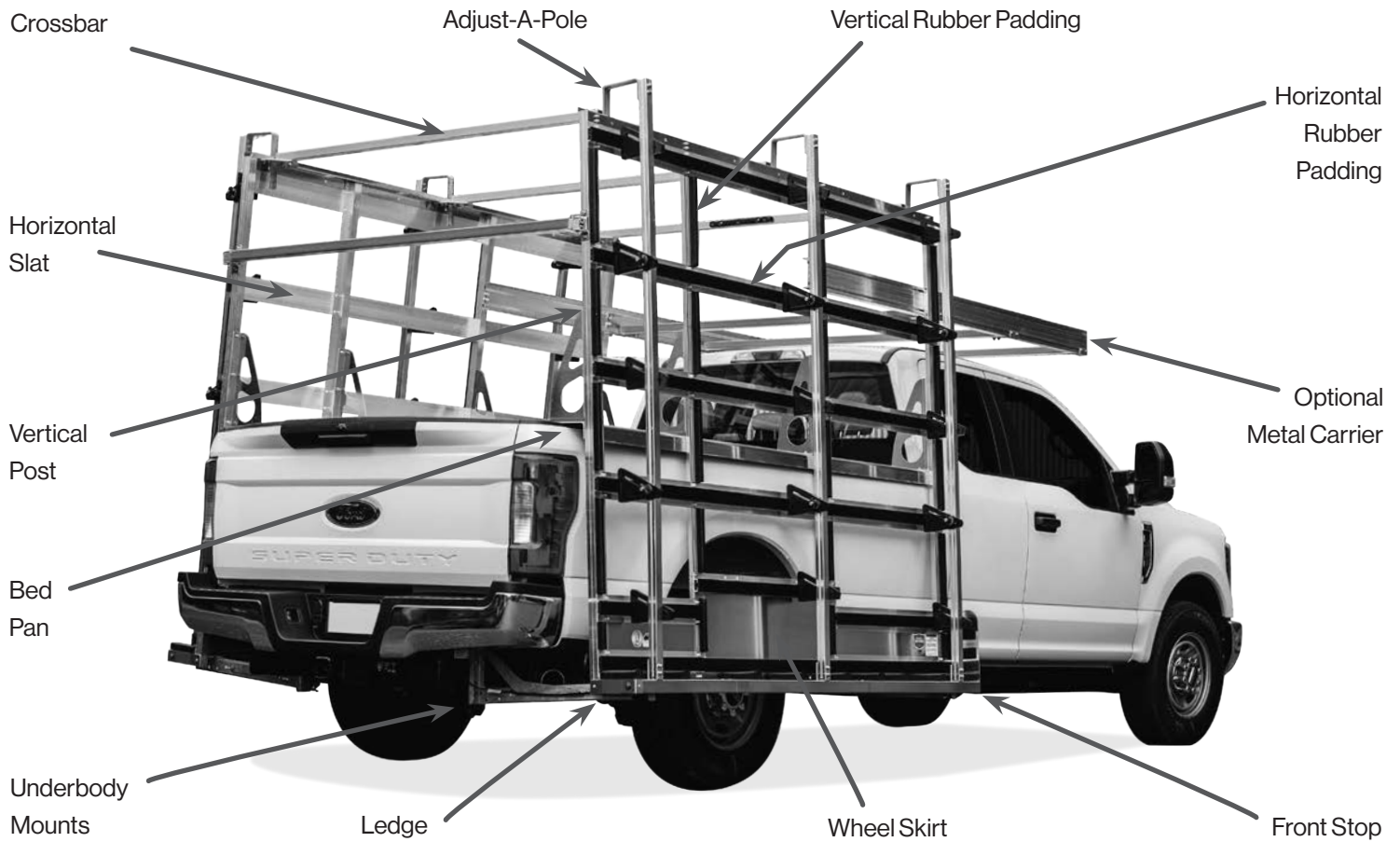
**WHAT'S INCLUDED IN YOUR CRATE**

Before starting to install your glass rack, please locate all your parts and hardware. Here is a list of everything that is included in your crate:

<b>ITEM - STANDARD</b>	<b>QTY</b>
Driver's Side Glass Rack	1
Passenger's Side Glass Rack	1
Crossbar with Cluster Lights	1
Additional Aluminum Crossbars	2
Hardware Kit P-2 - Crossbars	1
Hardware Kit P-3 - Bedpans	1
Loose Slat	1
Hardware Kit V-4 - Slat	1
Vertical Rubber	5
Under Mounts	4
Hardware Kit P-1 - Under Mounts	1
Wiring Kit	1
Exhaust Deflector	1
Hardware Kit - Exhaust Deflector	1
Adjust-A-Poles	6
Hardware and Cleats for Adjust-A-Poles	1

<b>OPTIONAL ITEMS</b>	<b>QTY</b>
Loose Post with Vertical Rubber	1
Hardware Kit - Loose Post	1
Extra Adjust-A-Poles	Varies
Over-the-Cab Metal Carrier	1
Metal Carrier Hardware Kit	1

## BECOME FAMILIAR WITH YOUR GLASS RACK



**Note:** When planning your pickup rack installation make sure none of the mounting locations interfere with brake lines, fuel tanks, fuel hoses, etc.

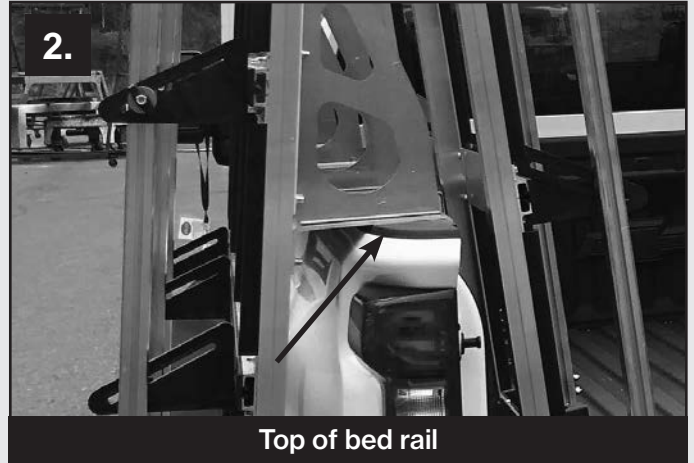
**TOOLS REQUIRED**

• Impact Wrench	• 1/2" Socket
• 1/2" Drill Bit	• 9/16" Socket
• 21/64" Drill Bit	• 7/16" Socket
• 3/8" Drill Bit	• C-Clamps
• 1/4" Drill Bit	• Drill

## STEP 1: PREPARING DRIVER SIDE RACK



1. Locate the front of the rack, identified by the holes where the front body stop will be bolted on. Photo above shows the front stop's location to help distinguish driver-side vs. the passenger-side



2. Place the rack up on the bed rail.



3. Use clamps to hold the rack in place to the top of the bed rail.



4. Use jack stands or wooden blocking to support the rack.



**IMPORTANT!** Make sure the rack does not interfere with any doors or fuel openings. If the fuel door is blocked by a horizontal slat or vertical post, go to pages 7 and 8 before bolting the rack to the truck.

**STEP 2: NON-ATTACHED HORIZONTAL SLAT**

The location of the fuel door on the pickup in relation to the glass rack will vary depending on the pickup model. The slat that is likely to cover the fuel door is left loose so that it can be installed after the rack is mounted to avoid blocking the fuel door. Hardware Kit V-4 is included to bolt on this slat.

**V-4 Hardware Bag**

ITEM	SIZE	QTY
OD 18.8 USS Flat Washer Stainless	1/4" x 5/8"	20
USS Nylon Insert Locknut Plated	1/4" x 20	10
Hex Cap Screw Stainless	1/4" x 20 x 1"	10

Leave this slat  
loose until the rack  
has been mounted  
properly

Avoid covering  
the fuel door



Find a good spot either above or below your fuel door to place the horizontal slat. Clamp the slat in place and drill 1/4" holes at the intersections of the slats and posts. Using 1" x 1/4" bolts, washers, and nuts from the V-4 kit, secure the horizontal slat to the glass rack.

We also provide vertical rubber to be placed into the posts once the slat is in place. Vertical rubber will need to be cut to size.

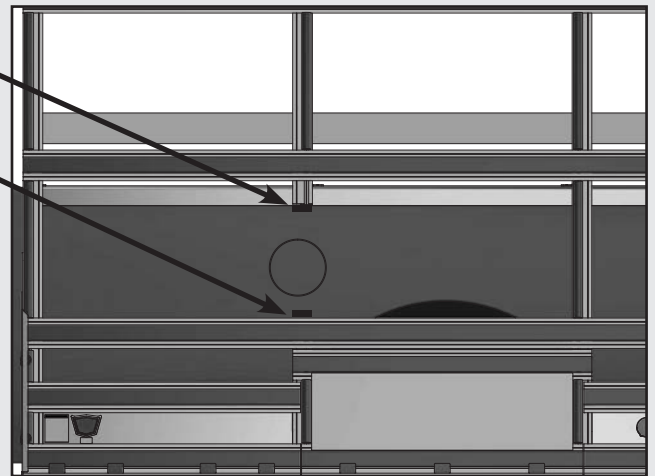


**STEP 3: POST FOR FUEL DOOR**

On certain vehicles, the second post may also block the fuel door. While sliding the rack forward or back on the bed rail may solve this, occasionally another solution will be needed. We have found that Ford F-150's, Ram, Toyota, and Nissan full size pickups may need this solution.

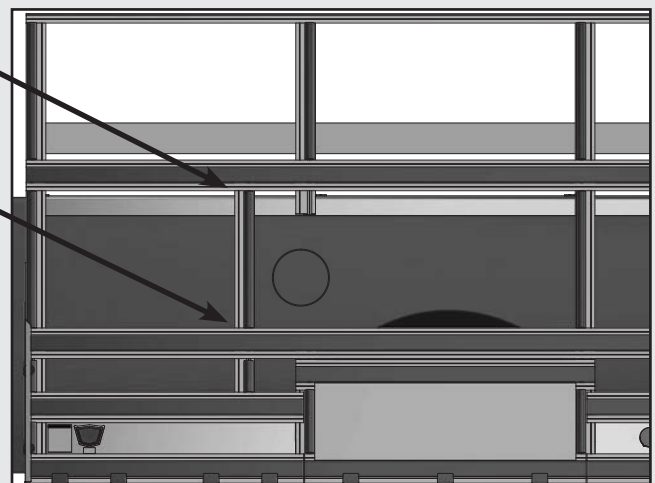
A 45" piece of post is provided in case one of the vertical posts covers the fuel door. Cut the post out to expose and access the fuel door. Use the provided post and hardware to strengthen the rack by placing it to the left of the fuel door. Use the 1" x 1/4" bolts, washers, and nuts provided in the V-4 Hardware Kit.

Attach horizontal slat first,  
then cut away vertical post  
with a reciprocating saw in  
these locations



Insert 45" post material behind  
slats and clamp in place

Drill 1/4" holes and bolt post  
into place





## STEP 4: PREPARING PASSENGER SIDE



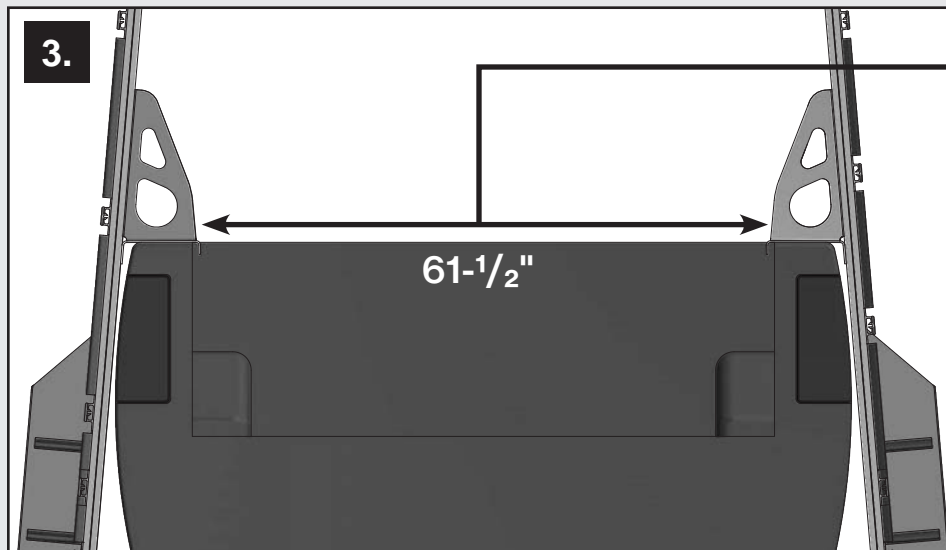
**IMPORTANT:** When clamping the passenger-side rack onto the truck frame, maintain 61-1/2" between the aluminum bed pans and hold this number all the way back to the tailgate to keep the rack parallel.



Place the other rack on the passenger-side. Use clamps to hold in place on top of the bed rail.



Use jack stands or wooden blocking to support the rack. Again, be sure your supports are strong enough to support the weight of the rack.



To ensure the racks are parallel, be sure to maintain 61-1/2" between the aluminum bed pans in the front near the cab and in the rear at the tail gate.

**STEP 1: BOLTING CROSS BARS**

Bolt the top cross bars into place at the front, middle, and rear of the glass rack. Make sure you bolt the front cross bar that holds the triple clusters of red and amber lights at the front of the rack. The amber lights should be facing toward the front of the vehicle, and the red lights should be facing toward the rear. (Using P-2 Hardware Kit). *Before starting become familiar with the wiring reference diagram on page 21.*

**P-2 Hardware Bag**

ITEM	SIZE	QTY
OD 18.8 USS Flat Washer Stainless	3/8" x 7/8"	16
USS Nylon Insert Locknut Plated	3/8" x 16	8
Hex Cap Screw Stainless	3/8"-16 x 2½"	8



On front cross bar.

The three red lights should be facing the rear.



The three amber lights should be facing forward.

The wire for the lights should come out the passenger's side.



**View of cross bar from underside bracket, showing two bolts per side**

**STEP 2: SETTING PITCH OF GLASS RACK**

Make sure no part of the racks on the truck are wider than 102". Racks should be pulled as close as possible to the sides of the bed without touching. The recommended pitch for the racks are 4 to 5 degrees on each side.

**Note:** Be aware that the fenders of the truck bed may flare out and impede the rack



**NOTE:** The rack and the vehicle must not exceed the overall legal width of 102".

**STEP 1: LOCATE PARTS AND HARDWARE****P-3 Hardware Bag for Bed Rail**

ITEM	SIZE	QTY
Hex Cap Screw Stainless	3/8" x 1-1/2"	8
USS Flat Washer Stainless	3/8"	8
Nylon Insert Locknut Plated	3/8"	8
Fender Washer – Stainless	3/8"	16

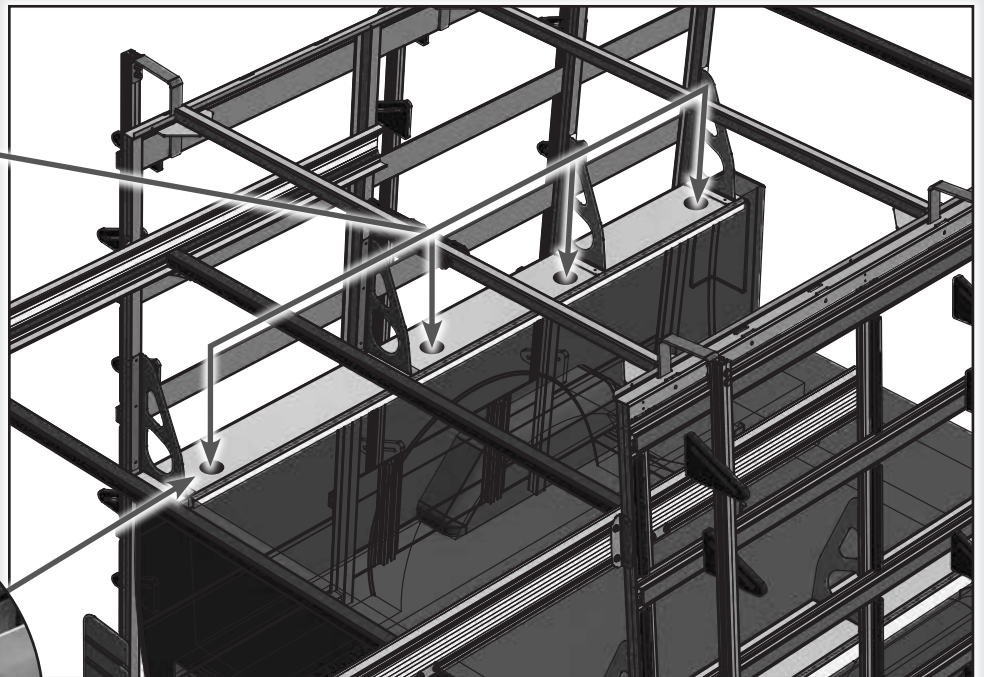
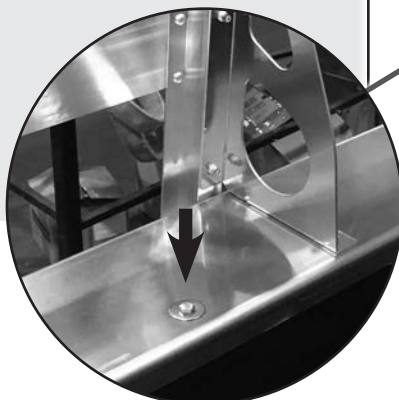
**STEP 2: SECURING ALUMINUM BED PAN TO VEHICLE BED RAIL**

Drill 4 holes through aluminum bed pan of each rack and the vehicle bed rails. Secure with 1-1/2" x 3/8" bolts, fender washers, and lock nuts.

Double check one more time that the bed pans are still 61-1/2" apart from each other all the way down the sides.

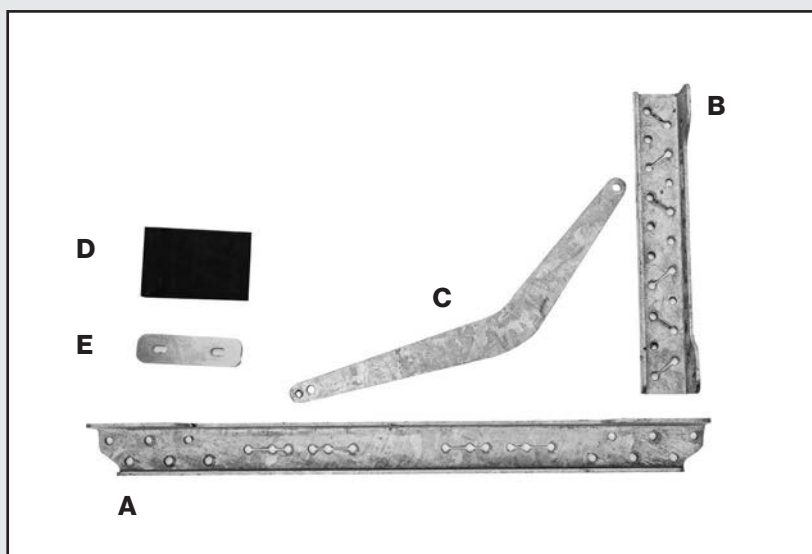
**Drill four (4) holes  
through aluminum bed  
pan and vehicle bed rail**

**Detail of bed pan  
fastened to bed rail  
with of bolt and  
fender washer**



**STEP 1: REVIEW PARTS AND HARDWARE****P-1 Hardware Bag for Under Mounts**

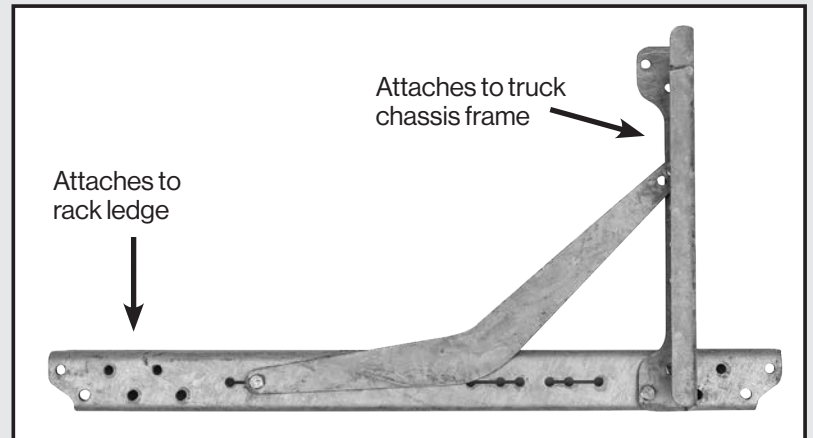
ITEM	SIZE	QTY
Hex Cap Screw Stainless	3/8" x 1-1/2"	14
Hex Cap Screw Stainless	3/8" x 1"	16
Hex Cap Screw Steel tapping	3/8" x 1-1/2"	12
Steel Nylock Nut	3/8"	30
Flat Washer Stainless	3/8"	28
Split Lock Washers	3/8"	12

**UNDERBODY MOUNTS PARTS****A. Undermount Arm (4)****B. Undermount Bracket (4)****C. "Boomerang" Support Arm (4)****D. Rubber Wedges (4)****E. Aluminum Shims (4)****P-1 Hardware Kit (not shown)**

**STEP 2: PRE-ASSEMBLE MOUNTING BRACKETS:**

Your crate contains two underbody mounts for single-sided rack configurations or four underbody mounts for double-sided rack configurations.

**Assemble the vertical, horizontal, and boomerang brackets using the supplied 3/8" x 1" bolts and lock nuts.**

**STEP 3: PLACEMENT OF UNDERBODY MOUNTS**

The shorter vertical bracket of the underbody mounts attach to the truck's chassis frame and the longer horizontal arm extends beyond the truck's outer bed side to underneath the rack's ledge. Be sure not to interfere with any components on the truck chassis when attaching the underbody mounts. The approximate location of each underbody mount is:

**A. REAR** – Behind the rear wheels, outside of the leaf springs.

**B. FRONT** – As close to the front edge of the rack as possible







**Important:** It is sometimes necessary to cut the vertical portion of the undermount bracket in order to attach it to the truck frame. It is also acceptable to bolt the undermount to truck's trailer hitch.

**Locate the underbody mounts on the chassis so the undermount arm meets the underside of the glass rack's ledge. Be sure the undermount arm is as close as possible to the glass rack's bottom ledge.**



**WARNING!** BE VERY CAREFUL NOT TO DRILL THROUGH THE FUEL TANK.



**Note:** For 3/8" self-tapping bolts use a 21/64" drill bit to drill pilot holes.

#### STEP 4: ATTACH MOUNTS TO VEHICLE

After drilling pilot holes, use self-tapping 3/8" x 1-1/2" bolts with lock washers to bolt the undermount brackets to the truck's frame. Sometimes at the rear underbody mount you can through-bolt with two 1-1/2" x 3/8" bolts, washers and lock-nuts. Once the underbody mounts are installed secure all bolts.

**Be sure to use a minimum of two bolts per bracket through the chassis frame.**

**Place one bolt high and one bolt low on the truck's frame.**

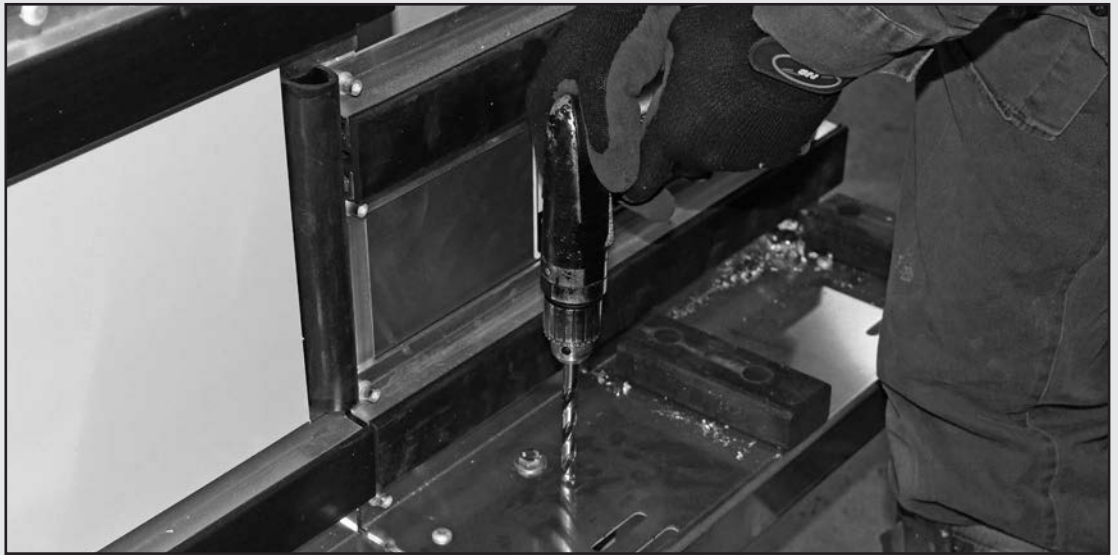
**DO NOT INTERFERE** with brake lines, fuel tanks, fuel hoses, etc. You can vary the location of the boomerang shaped supports to work around cables and other obstacles



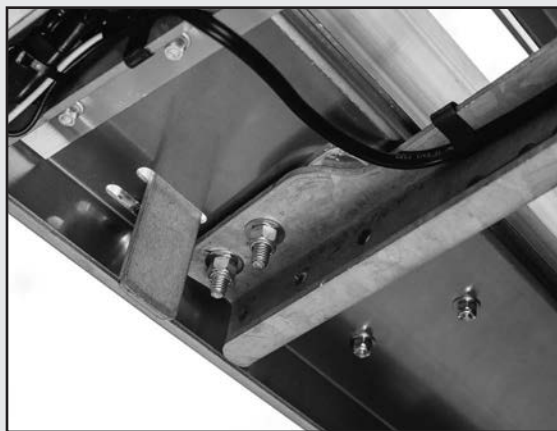


**STEP 5: ATTACH RACK TO MOUNTS**

Drill 3/8" holes through the ledge and flange at the end of each underbody mount's horizontal arm where it supports the rack. Avoid drilling where rubber ledge blocks are located on ledge.



Place the aluminum shim between top of the underbody mount and underside of the ledge. Then add rubber shims to fill the space, if needed. Secure using 3/8" x 1-1/2" bolts, washers and nuts.



**View of flange at end of undermount arm and aluminium shim attached to the underside of the rack's ledge.**



**Important:** Doublecheck that all nuts and bolts are tightened.

**STEP 1: LOCATE PARTS AND HARDWARE**

ITEM	QTY
Front Stops	2
V-12 Hardware Bags	2

**V-12 Hardware Bag for Under Mounts**

ITEM	SIZE	QTY
Hex Cap Screw Stainless	1/4" x 2-1/4"	5
Steel Nylock Nut	1/4"	5
Flat Washer Stainless	1/4"	10

**STEP 2: INSTALL FRONT STOP**

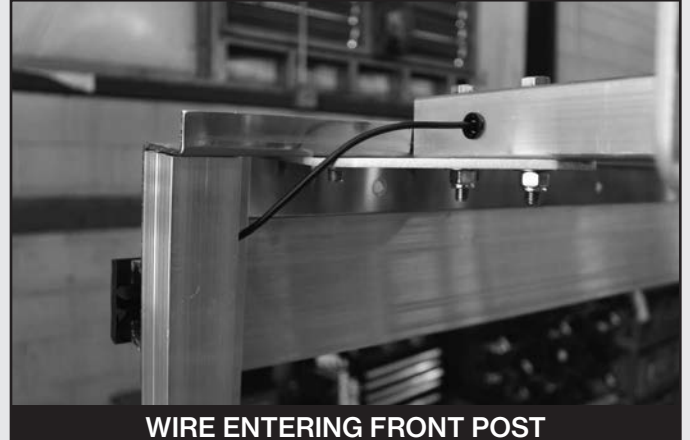
The glass rack front stop is shipped detached from the rack. To attach, bolt the stop directly to the front of the glass rack through the pre-drilled holes using the 1/4"-20" x 2-1/4" bolts provided.



**STEP 1: TOP CROSS BAR WIRING**

Bolt forward crossbar so that amber lights are facing forward and red lights are facing the rear of the vehicle. The wire should be on the passengers side of the glass rack.

Drill a 1/2" hole on the forward most post of the glass rack and fish the black wire down the post to the lower corner of the glass rack.

**FRONT CROSS BAR****WIRE ENTERING FRONT POST**

Plug the male end of the crossbar wire into one of the ports on the double connector of the 14' wire harness. Be sure to plug into the black wire. The crossbar wires are grounded into the crossbar.

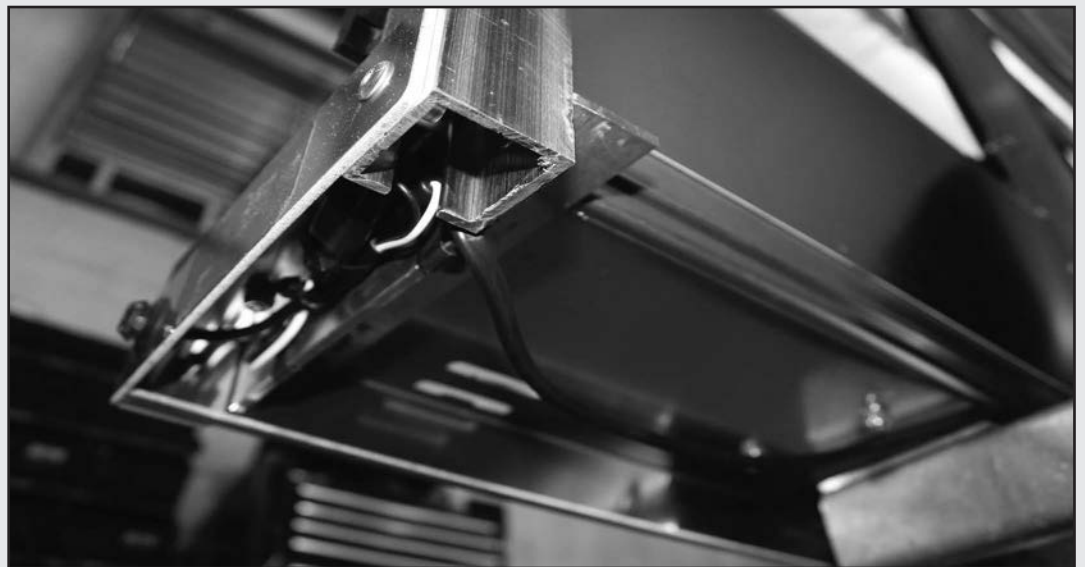


**STEP 2: DRIVER'S SIDE WIRING**

Install front-facing amber light into the other port on the 14' harness, along with the crossbar light harness by plugging in the black to black and white to white. Run this harness to the rear of the vehicle, either OVER the wheel well or back along the frame. Be sure the wire does not interfere with any moving parts.



Run the 14' wire harness to the rear driver's side corner, near the red corner LED light. Plug the male end of the 14' and the Red LED connectors into a 72" wire harness. Run the 72" wire harness back along the rear undermount to the center of the vehicle near the bumper. Secure all the wires with wire ties or wire clips.



**STEP 3: PASSENGERS SIDE WIRING**

Install front amber light along with the black wire from the top crossbar into the 14' harness by plugging in black to black and white to white. Run this harness to the rear of the vehicle, either OVER the wheel well or back along the frame. Be sure the wire does not interfere with any moving parts. Secure with wire ties.

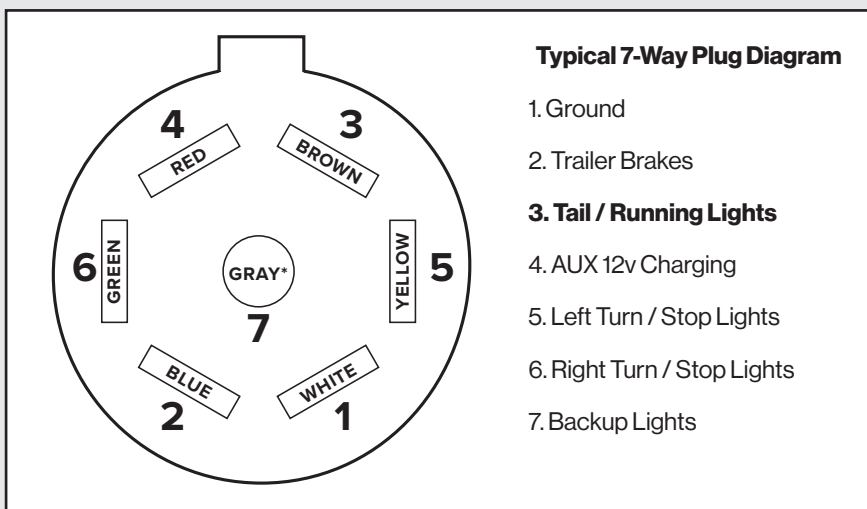
Run the 14' wire to the rear passenger's side corner, near the red corner LED light. Plug the male end of the 14' and the Red LED connectors into a 72" wire harness. Run the 72" wire back along the rear undermount to the center of the vehicle near the bumper. Secure all the wires with wire ties or wire clips.

**STEP 4: FINAL CONNECTION**

Behind the bumper, locate wires that go to the 7-way trailer plug in the bumper. This is where you tap into the trucks power. Find an easily accessible section and remove any loom or tape to expose the individual wires. We have supplied blue weatherproof scotch locks. **Following scotch lock instructions on page 31**, connect the brown wire to the factory running light wire (pin 3, see diagram below) and the white wire to the ground wire (pin 1, see diagram below). Test that your lights turn on and off with the headlights. Retape the wires and secure any loose wire.



**Note:** In some cases wire colors may differ from the diagram below. We recommend using a tester to determine the correct wire for the rack's lights.



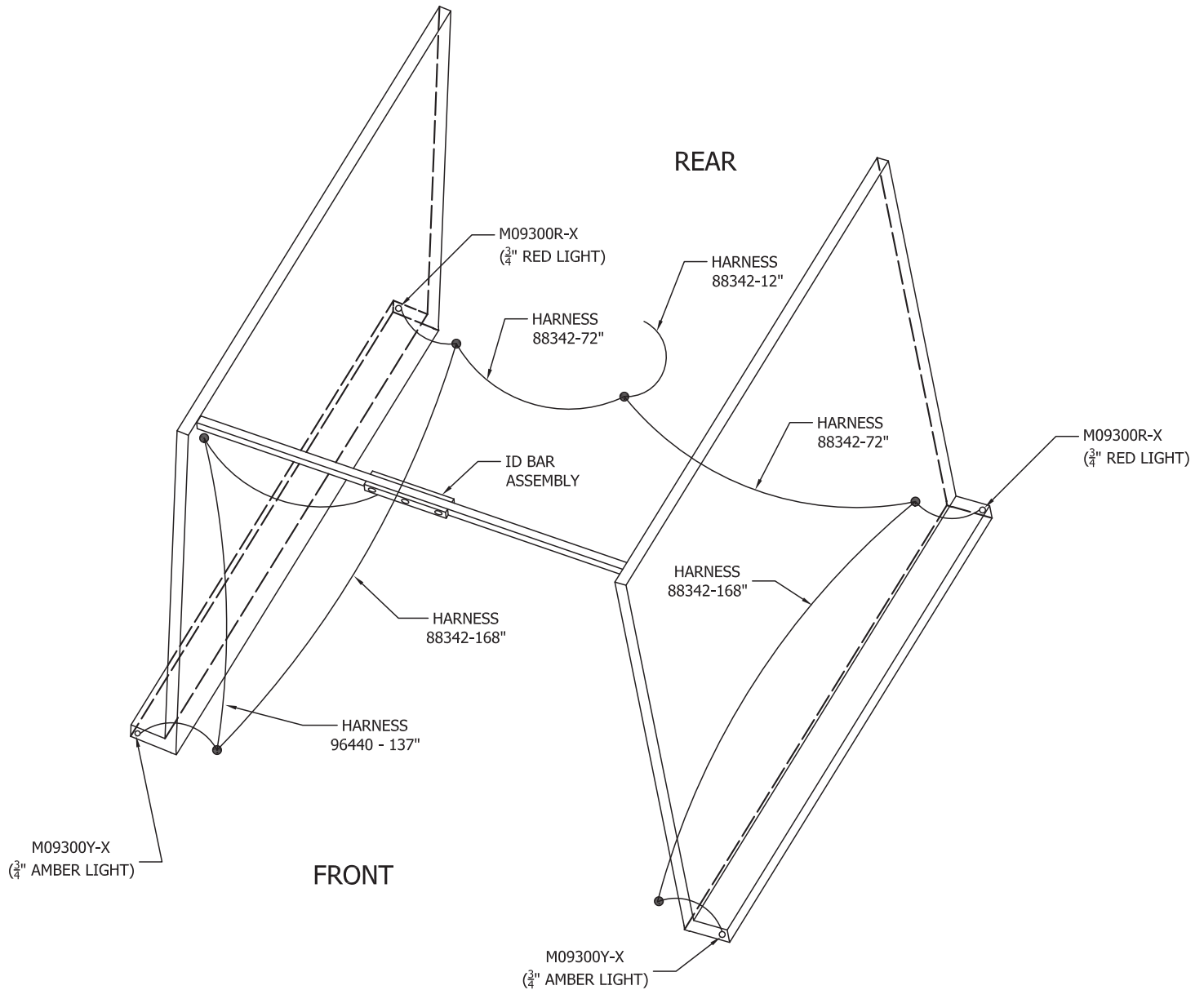
**Important:** LED lights are polarity sensitive. This means that if the blacks and whites get mixed up the lights will not work.

## REFERENCE DIAGRAM

Use this diagram to help identify different points on your glass racks to run your wire.



**Note:** Make sure to protect all exposed wire with the provided wire looms.

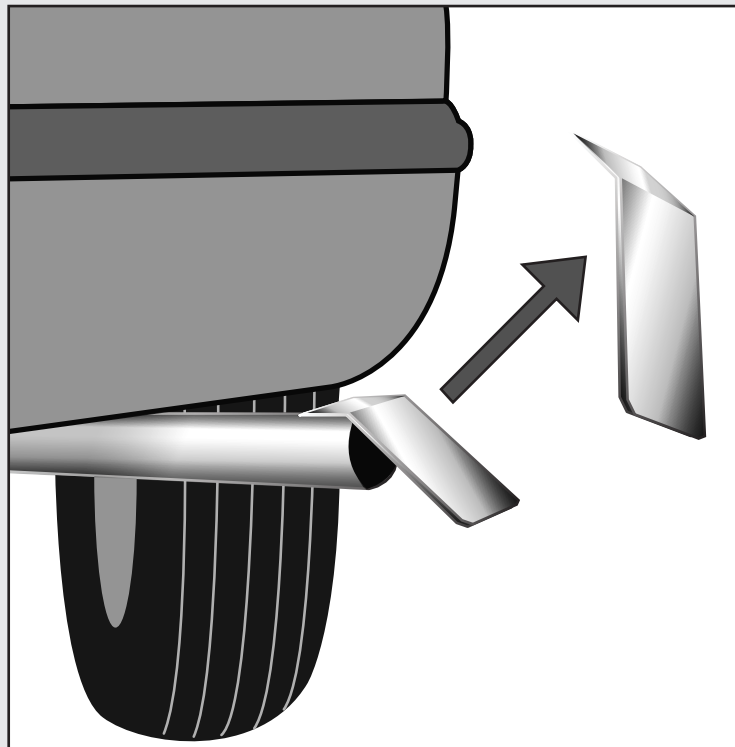




**EXHAUST DEFLECTOR DIAGRAM**

On some model pickup trucks hot exhaust is discharged directly onto the under mount that carries the marker light wires. To avoid damage, use the exhaust deflector provided to deflect exhaust downward under the mount.

Provided in your hardware kit, you will find three (3) 3/4" self-tapping screws that can secure this deflector onto your exhaust pipe. (If welding is an option, this deflector can be welded onto the exhaust pipe.)

**Exhaust Deflector**



**STEP 1: LOCATE PARTS AND HARDWARE****Standard 5-Cleat Poles**

ITEM	QTY
Poles with Bolt-on Hook and Tab	6
Rubber Cleats	30

**V-5 Hardware Bag for Pole Assembly X 2**

ITEM	QTY
Nylock Nut	15
Plastic Wing Nut	15
Stainless Steel Flat Washer	15
Black Rubber Glide Washer	15
Small Nylon Washer	15
Stainless Steel Bolt	15



**Note:** If you purchased additional poles, you will receive additional hardware.

## Glass Pole Instructions

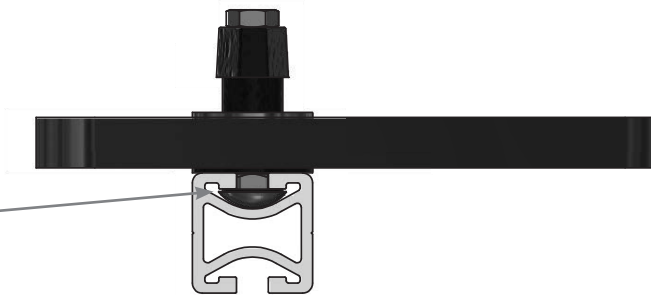
1. Remove poles from rack before loading glass.
2. Ensure load space is clean and clear of debris.
3. Ensure rubber padding is in good condition.
4. Place glass on rack flat against rubber padding. Distribute the load evenly on both sides of vehicle (if equipped).
5. Inspect poles, cleats and wing-nut hardware to ensure it's intact and in proper working order.
6. Place all poles onto rack over top of glass. The bottom and top section of poles must be securely placed in slots located at top and bottom of rack.
7. Push cleats flat against glass, then tighten wing-nuts by hand. Cleats must be firmly against glass so no movement of glass is possible.
8. On long trips, periodically check wing-nuts for tightness.

**STEP 1: POLE HARDWARE, CLEATS AND COMPONENTS**

Slide the head of a stainless steel bolt down the pole's channel. Assemble hardware and cleat as shown. Slide three cleats onto one side of the pole and two onto the other side.

**Top View****Assembled Cleat****Note:**

Black .50 Nylon Washer  
(must be on carriage  
bolt inside of channel)

**Exploded View****Cleat Components**

Nylock Nut  
(tighten flush to bolt top)

Wing Nut

Stainless Steel Flat Washer

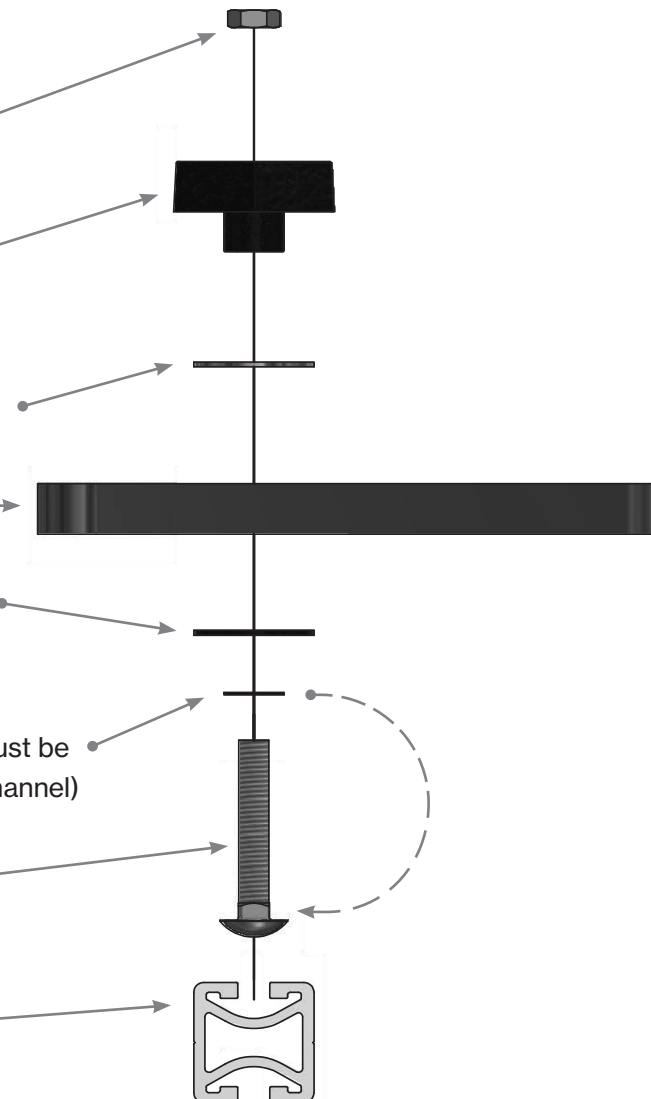
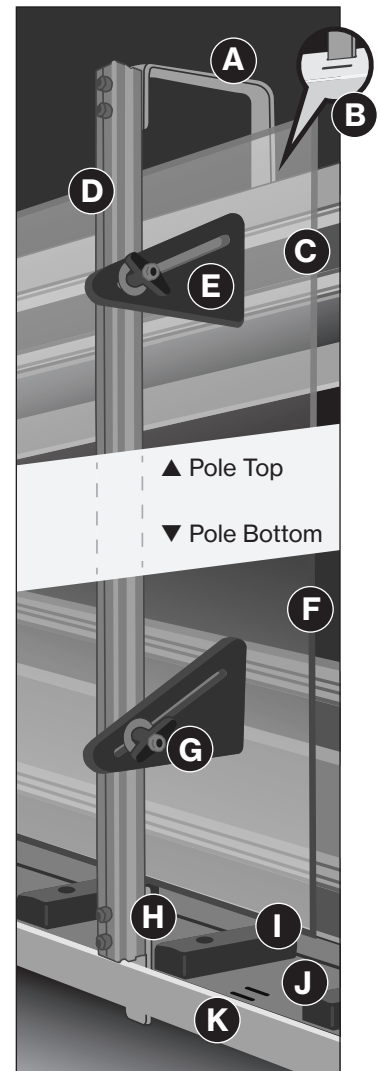
Cleat

Black Nylon Glide Washer  
(between cleat and shaft)

Black .50 Nylon Washer (must be  
on carriage bolt inside of channel)

Carriage Bolt  
(head slides inside channel)

Glass Pole Shaft  
with Channels

**Glass Pole Parts**

- A. Standard Pole Hook
- B. Top Slots - Along top of rack header rail
- C. Rubber Padding
- D. Pole Shaft
- E. Cleat
- F. Glass
- G. Wing-Nut
- H. Standard Pole Tab
- I. Bottom Pad
- J. Glass Rack Ledge
- K. Bottom Slots

**STEP 1: REVIEW PARTS AND HARDWARE****P-10 Pickup Metal Carrier Hardware Kit**

ITEM	SIZE	QTY
T-Nut	5/16"	16
Button Head Bolt	5/16" x 5/8"	16
Lock Washer	5/16"	16
Hex Bolt	3/8" x 3/4"	12
Nylock Flange Nut	3/8"	20
Hex Bolt	3/8" x 2-1/2"	8
Washer	3/8"	8
Socket Head Bolts	5/16" x 1"	8
Washer	5/16"	8
Nylock Nut	5/16"	8
Sheet Metal Screws	#14 x 3/4"	4
Hinge Pins		2

**TOOLS REQUIRED**

• Safety Glasses	• 1/2" Socket
• 5/16" Drill Bit	• 1/2" Wrench
• 9/16" Drill Bit	• C-Clamps
• 3/8" Drill Bit	• Drill



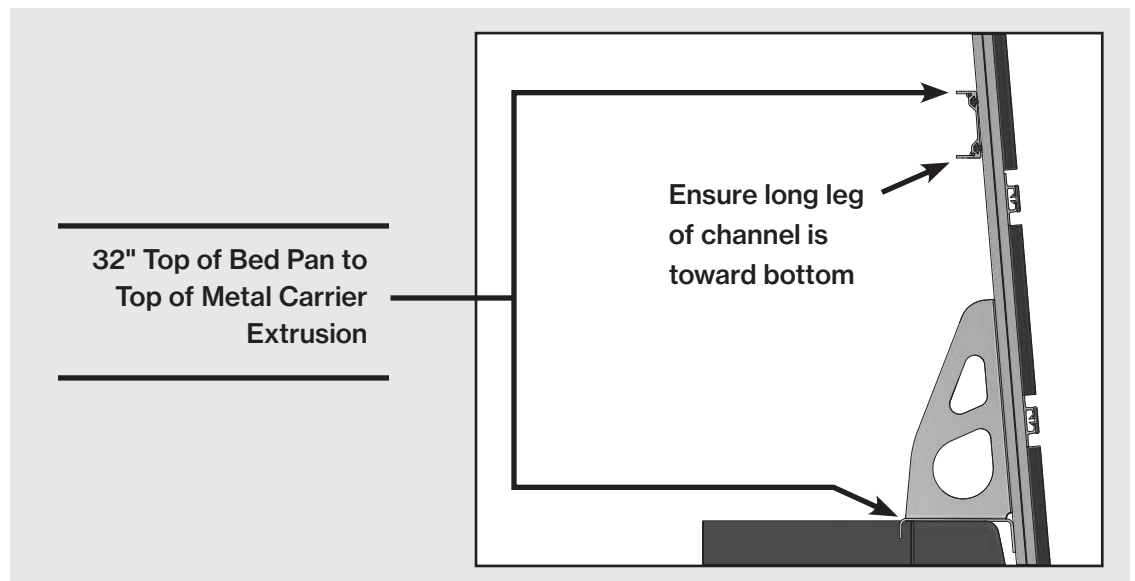
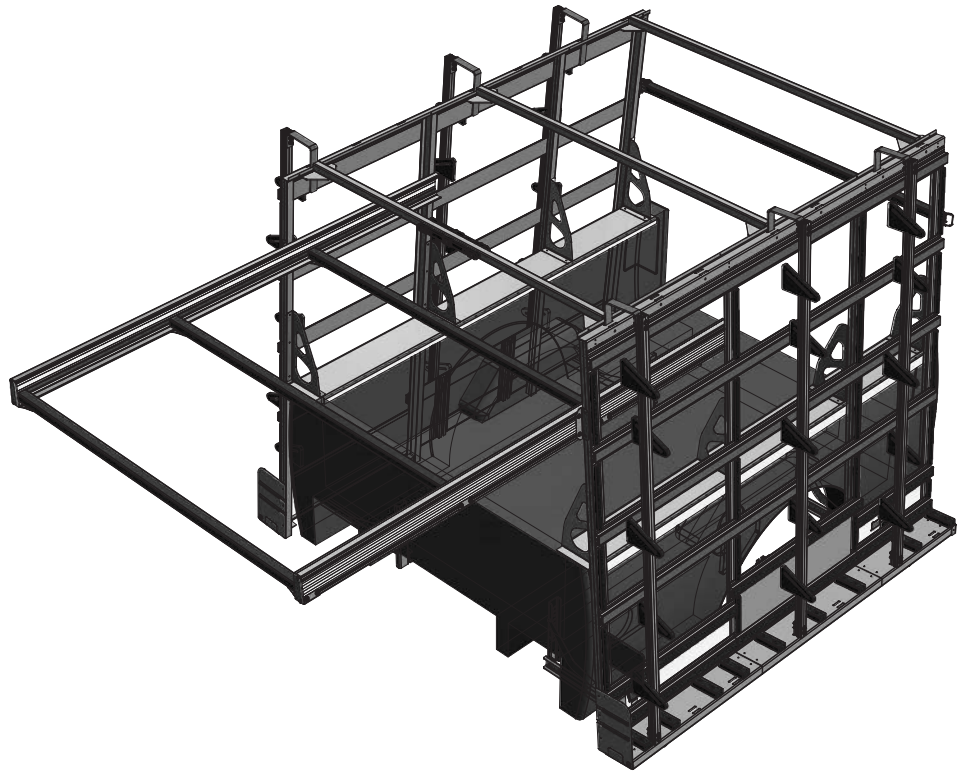
**Optional  
5 ft. Metal  
Carrier**

**STEP 2: ORIENTATION**

Position metal carrier so that it clears the roof of the cab. Make sure carrier is at the same height on each side of the rack.



**Note:** DO NOT use the truck's roof as a reference point to level the metal carrier. Some cab roofs are not perfectly level and this can provide an inaccurate measurement.



**STEP 3: SECURE CARRIER TO RACK**

Place the outside of the main beams up against the existing rack. Clamp the beams in place and check to be sure the beams are parallel with slats of the glass rack and at the same height.



Remove vertical rubber on outside post and ensure post is clear of wires from crossbar. Drill two 5/16" holes through the carrier into the post. Make sure the holes pass through the main beam of the metal carrier.



Secure the main beam of the metal carrier to the existing rack using the supplied 5/16" socket head bolts with bolt head in the channel of post.

**STEP 3: SECURE CARRIER TO RACK**

Repeat this procedure for the remaining mounting locations.



Locate and align rack mounting brackets to the main beams of the metal carrier. Measure and drill 3/8" holes through post of glass rack only. The bracket is secured to the post with 3/8" x 2 -1/2" bolts.



Slide a T-Nut in both the upper and lower channel of the metal carrier extrusion. Fasten bracket to the T-Nuts using 5/16" button bolts and lock washers.

Check to ensure all fasteners are tight.



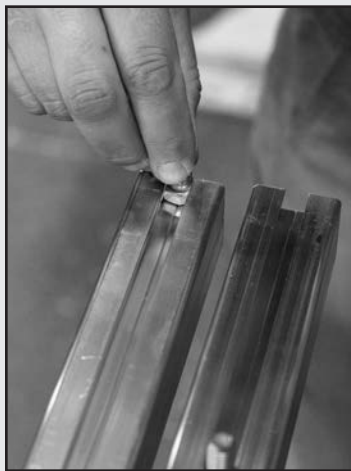
**STEP 4: ATTACH CROSSBAR MOUNTING BRACKETS**

- Slide 6 T-nuts into the bottom channels on each of the main beams.
- Loosely attach all crossbar brackets using 5/16" button head bolts and lock washers..

**STEP 5: ATTACH CROSSBARS TO CARRIER**

- Slide four 3/8" x 1" bolts into the channel of the crossbars.
- We recommend spacing the crossbars evenly throughout the metal carrier. However the distance can be adjusted to suit your needs.
- Secure the crossbars to the main beams via the crossbar bracket by sliding the 3/8" bolt into the holes on the brackets and securing with 3/8" flange nuts.

**Insert hardware into crossbars before attaching them to the main beams.**



**Tighten crossbars to brackets using the supplied hardware.**



**STEP 6: ATTACH MAIN BEAM CAP & COVERS**

- Attach covers to the ends of the main beams using the supplied #14 self-tapping screws.
- Attach plastic covers to crossbar.

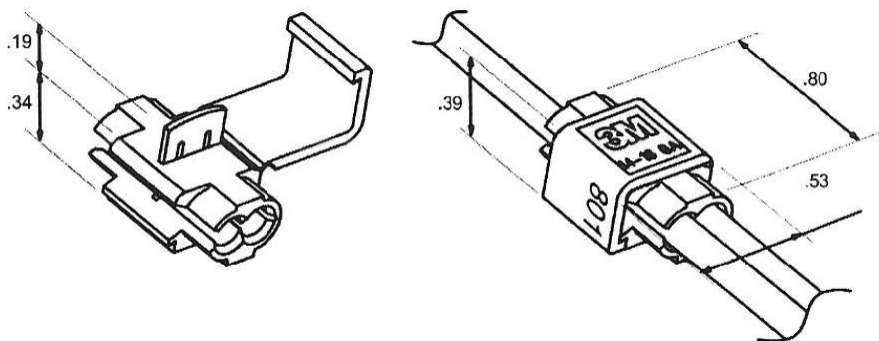
**STEP 7: INSTALL REAR CROSSBAR**

- Clamp rear bar bracket in place on rear post.
- Please note that there is a left and right bracket to match the pitch of the racks.
- Be sure the rear crossbar is at the same elevation as the front metal carrier and level from side to side. Drill two 3/8" holes as shown per bracket.
- Secure bracket with 3/8" x 2-1/2" bolts.
- Place crossbar into mounting brackets. Drill a 3/8" hole through the brackets and crossbar. Secure with locking pins.



**Note: Be sure to secure with locking pins!**

## 3M™ Scotchlok™ Insulation Displacement Electrical Tap Connector 801 - Data Sheet



**Shelf-Life:** Scotchlok™ Insulation Displacement Electrical Tap Connector 801 has a five-year shelf life (from date of manufacture) when stored in a humidity controlled storage (10°C/50°F to 27°C/80°F and < 75% relative humidity). Good stock rotation is recommended.

3M and Scotchlok are trademarks of 3M Company.

### Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product, which are not contained in 3M's current publications, or any contrary statements contained on your purchase order, shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

### Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture at the time of purchase. 3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any direct, indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.

### Application

Use 3M™ Scotchlok™ Tap Connector 801 to electrically connect a (tap) wire end to a through (run) wire, join parallel run wires, and insulate the connection.

### Wire Range

18 -14 AWG (0.75-1.5 mm<sup>2</sup>) solid or stranded, tinned or untinned copper conductors. For use with thermoplastic insulated wires such as: T, TW, TFF, TFFN, TFFN, AWN, TEW, SAE-GPT, with a maximum insulation diameter of .145 inches (3.7 mm).

Maximum recommended current for general purpose applications: 18 AWG - 7 Amps, 16 AWG - 10 Amps, 14 AWG - 15 Amps

### Construction

U-Contact - Tin plated brass, .03 in. thick (0.8 mm)

Insulator - Polypropylene

Color - Blue

Weight - .0032 lb. (1.45 gm)

### Recommended Installation Tools

3M™ Crimping Tool No. E-9BM  
9" Linemans Pliers

**3M Electrical Markets Division**  
6801 River Place Blvd.  
Austin, TX 78726-9000  
800-626-8381  
[www.3M.com/electrical](http://www.3M.com/electrical)

### Installation Instructions

#### WARNING

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

1. Place unstripped run wire inside run channel.
2. Insert unstripped tap wire completely.
3. Hold tool perpendicular to the wire and make the connection by crimping the u-contact down flush with the top of the plastic insulator.
4. Close top hinged cover until latched.



Tap / Run Connection



Parallel Connection

### Engineering Specification

3M Scotchlok Insulation Displacement Connector (as manufactured by 3M, part No. 801) capable of connecting a tap wire to a run wire in the range of 18-14 AWG (0.75-1.5 mm) solid or stranded, tinned or untinned copper conductors. The connector shall be UL Listed for 600 Volts maximum building wire; 1000 Volts maximum, signs, fixtures and luminaires, and have a maximum insulating temperature of 105 °C (221 °F).

### Regulatory Agencies

**UL Listed** as a Pressure Cable Connector  
Tested per UL Standard 486C  
UL File No. E23438  
Operating Temperature: 105 °C (221 °F)  
Voltage Rating: 600 volts max. building wire;  
1000 volts max. signs and fixtures

Flammability Rating: UL94 V-2

### Federal Specification A-A-59213 A

"Commercial package only"

Type	Class	Kind	Style
3	1	cu	F

## ☑ **Final Inspection Checklist for Glass Rack**

Be sure to check the following before using:

- ☐ Glass rack bed rail bolts are tight.
- ☐ Crossbar bolts are tight
- ☐ Wheel skirt is bolted on properly
- ☐ Front stops are securely bolted in place
- ☐ Cleats are attached properly to all poles

## **WARNING**

Shifting cargo due to improper loading can result in sudden loss of control of vehicle, cargo or glass coming off of rack, or glass breakage. This can lead to death or serious injury. You must:

- Make certain weight of load plus rack weight does not exceed vans weight capacity (GVWR - Gross Vehicle Weight Rating)
- Evenly distribute load on the driver and passenger side of vehicle (if equipped with two racks)
- Always center the load on the rack.
- Consider adjusting the contents inside the vehicle to account for the weight on the rack.
- Properly secure load to rack and tie down all loads with proper sized fasteners, chains, straps, etc. Inspect and test all load securement equipment before use.
- If rack is E-Track equipped, only use load securement products compatible with E-Track.
- Do not use damaged or loose tie down rings, straps or track. They can fail or break, allowing cargo to become loose resulting in death or serious injury.

Refer to [www.fmcsa.dot.gov](http://www.fmcsa.dot.gov) for regulations regarding cargo securement rules



**MyGlassTruck**



**VICTORY**

**MyGlassTruck is a  
Division of Victory Truck Body, Inc.**



## **For Questions, Service, and Parts:**

Phone: (856) 595-9069

Web: <https://parts.victorytruckbody.com/collections/glass>