INSTALLATION INSTRUCTIONS

PART NO.

● 6945166

PRODUCT DESCRIPTION:

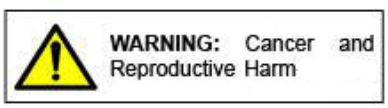
● VERTEX V3 BRACKETS

APPLICATION:

● JEEP JT GLADIATOR

PRODUCT SAFETY & LEGAL DISCLAIMER

- **IMPORTANT READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLING, FAILURE TO DO SO MAY CAUSE PERSONAL INJURY OR DAMAGE TO PRODUCT AND/OR PROPERTY.**
- **Review the product package and contents prior to beginning the installation.** Take care when opening the packaging and removing items. If a return is needed you will want to return the product in its original packaging if possible.
- This instruction guide is provided as a GENERAL installation guide, some vehicles vary dimensionally and may require additional steps.
- Test fit the product on the vehicle prior to any third party modifications and or finishing. The manufacturer and/or distributors do not accept responsibility for third party charges, labor and or third part replacement modifications. Some modifications may void the factory warranty.
- Exercise due-diligence when installing this product. The manufacturer and distributors of this product do not accept any responsibility for vehicle damage or personal injury resulting from the installation of this product. Careless installation and operation can result in serious injury or equipment damage.
- This product is for general off-road use. All liability for installation and use rests with the owner/operator.
- INSTALLER: Once installation is complete, please return this guide along with other documentation included in this product back to the consumer for future reference. The manufacturer/distributors of this product do not guarantee this particular version will be available at a later date.



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INJURY HAZARD

Please complete a shop and tool inspection prior to beginning the installation.

- Always make sure you have a clean, dry and well lit work area.
- Always remove jewelry, loose fitting clothing and wear protective gloves and eye protection.
- Always use extreme caution when jacking or raising a vehicle for work. Set the emergency brake and use tire/wheel blocks and jack stands. Refer to the vehicle manufacturer hand book. Utilize the vehicle manufacturers designated lifting points.
- Always use appropriate and adequate care in lifting parts during disassembly and installation. Seek help in lifting heavy or large items into place. Utilize jacks and or lifting devices when available.
- Always insure products are secure during disassembly and installation.
- Always wear eye protection and take steps to protect any exposed skin during the installations. Drilling, cutting and grinding plastic and metal may create flying particles that can cause injury.
- Always use extreme caution when drilling, cutting and or grinding on a vehicle. Thoroughly inspect the area to be drilled, on both sides of material, prior to modification and relocate any objects that may become damaged.
- Always assemble and tighten all fasteners per the installation instructions.
- Always route electrical cables carefully. Avoid moving parts, parts that may become hot and rough or sharp edges.
- Always insulate and protect all exposed wiring and electrical connections.

MAINTENANCE AND CARE

- Always perform regular inspections and maintenance on mounts and related fasteners.
- Periodically check and tighten all fasteners.
- Stripped, fractured, or bent fasteners must be replaced.
- After washing the vehicle make sure to fully dry all surfaces.
- In areas with cold temperatures make sure to wash the product often to remove harmful materials used on road ways.
- Never use abrasive cleaners or polish compounds. Clean with a gentle soap and water. If you use wax use a non-abrasive automotive wax such as pure carnauba wax.

WARNING

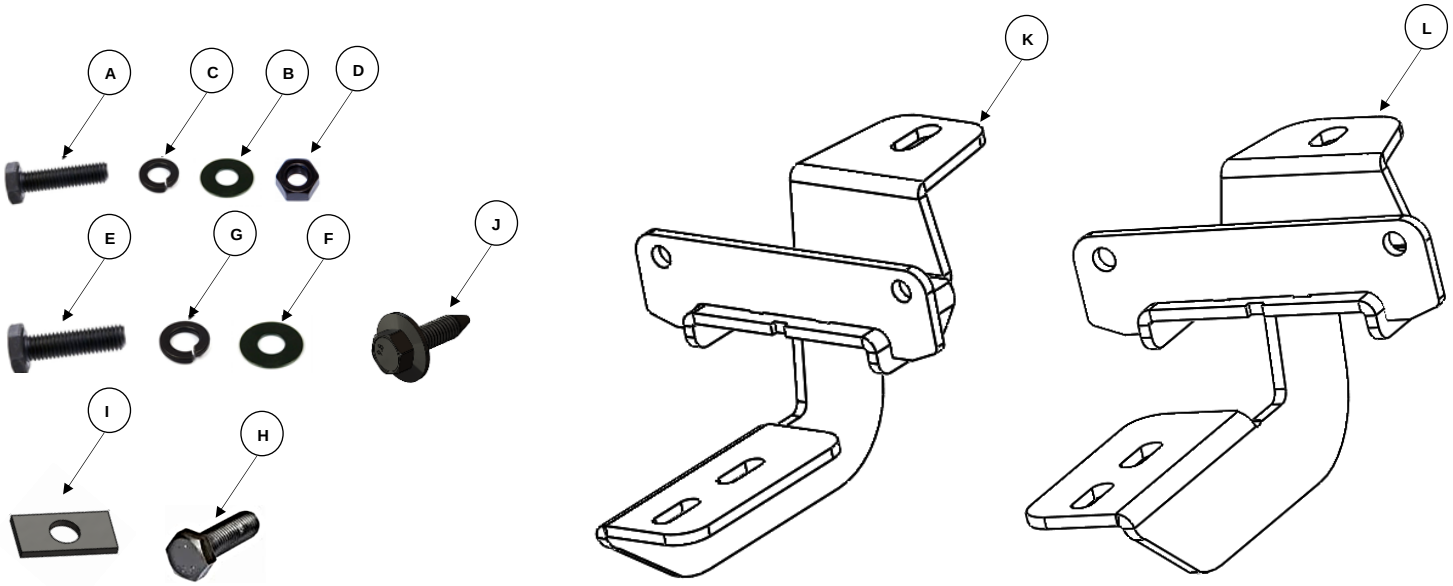
Some products have been designed to work together with factory rear sensor systems, factory forward facing sensor systems and factory air bags.

- Installation of some of these products may alter the factory sensor system performance.
- Factory sensors may read shackles or hooks protruding from the fairlead and or tow hooks.
- All sensor testing is completed by Go Rhino Products and or third party testing labs on modified vehicles.
- Sensor sensitivity, factory sensor housing, orientation, and operating conditions are all variables that will influence functionality of the sensors.
- Installation of some product may effect the factory air bag systems.
- Some products allow the use of third party products such as winches, shackles, hooks, etc. Follow the respective manufacturers operating instructions for use with our products.
- Make sure to fully understand the product, it's intended use and operation prior to use.
- Above all… be safe!

INSTALLATION INSTRUCTIONS

PARTS INCLUDED IN THIS LIST:

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
A	16	1/4" x 1" Hex Bolt	H	16	M8 Hex nut
B	32	1/4" Flat Washer	I	16	Bolt shim
C	16	1/4" Lock Washer	J	8	M8 x 30 mm Sems bolt
D	16	1/4" Hex Nut	K	2 SET	Front/Front Center Bracket (driver shown)
E	16	M8 x 25mm. Hex bolt	L	2 SET	Rear/Rear Center Bracket (driver shown)
F	16	5/16" Flat washer	M		
G	16	5/16 Lock washer	N		



Go Rhino recommends you, the installer, read this installation instruction manual from front to back before installing the product.

TOOLS NEEDED FOR INSTALLATION:

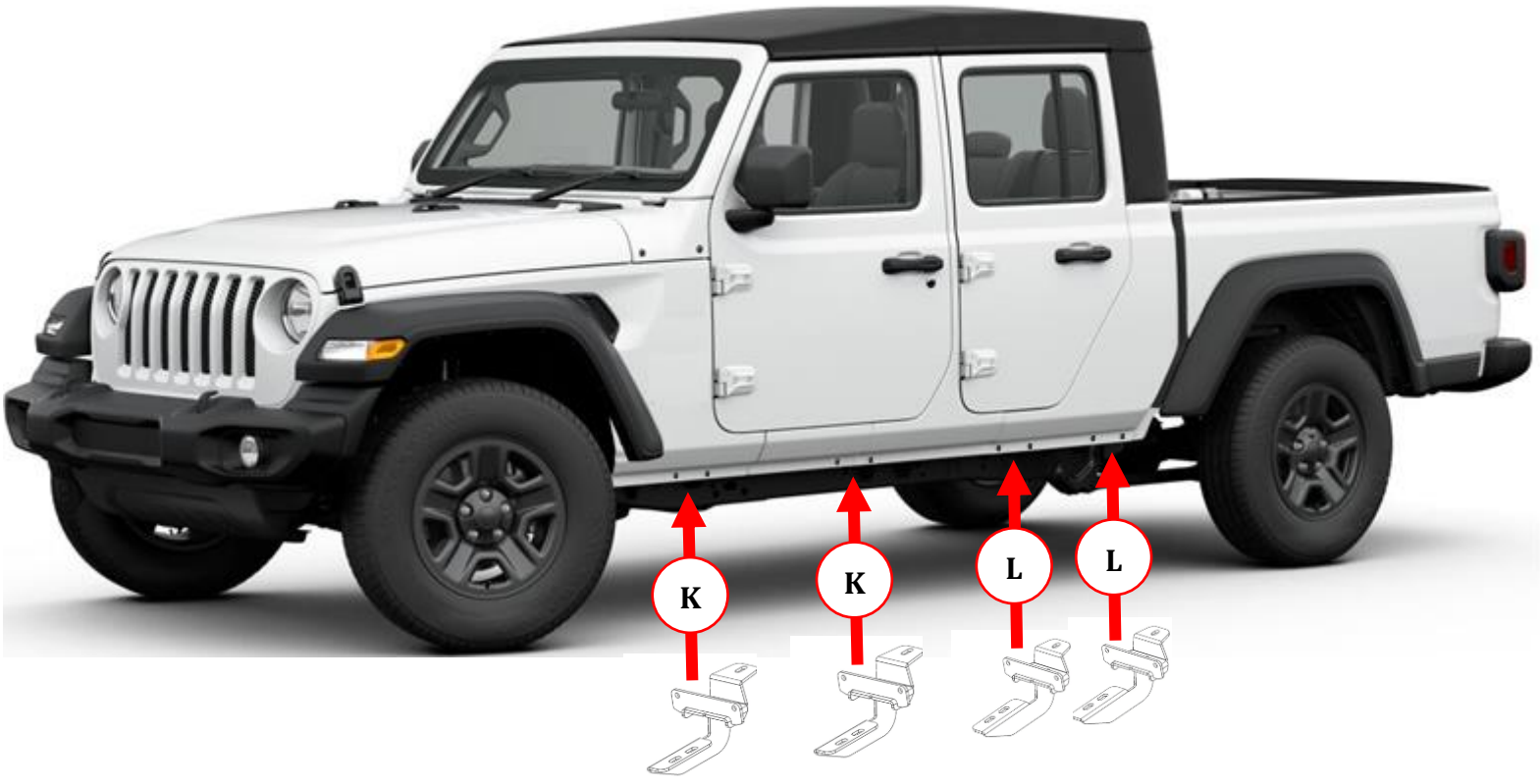
- 7/16", 1/2" & 13mm Socket & Wrench
- Ratchet & Extension

ESTIMATED TIME FOR INSTALLATION:	1 Hour

INSTALLATION INSTRUCTIONS

This installation uses 4 brackets per side, (FIGURE 1).

FIGURE 1



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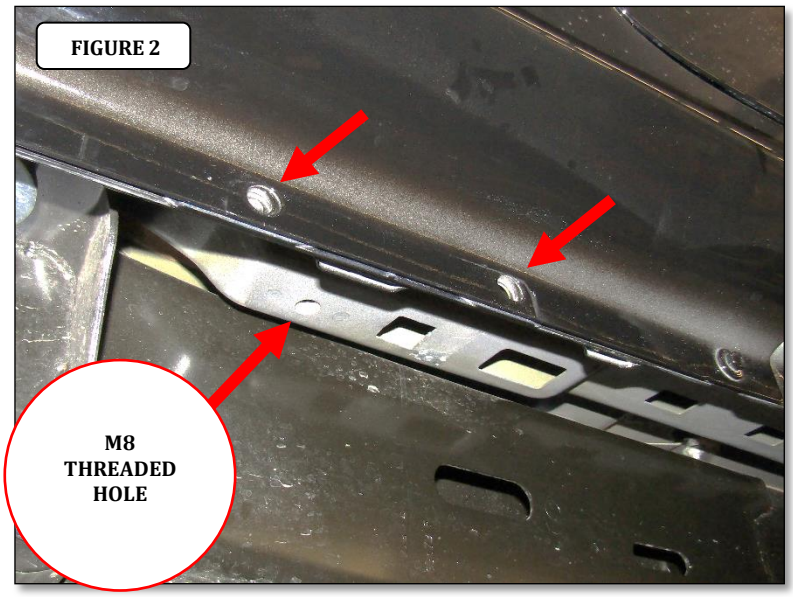
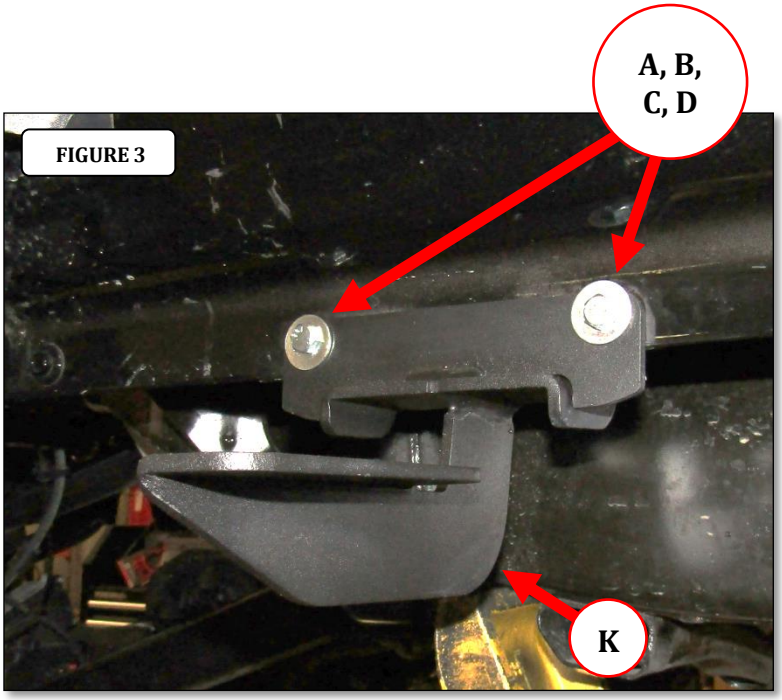
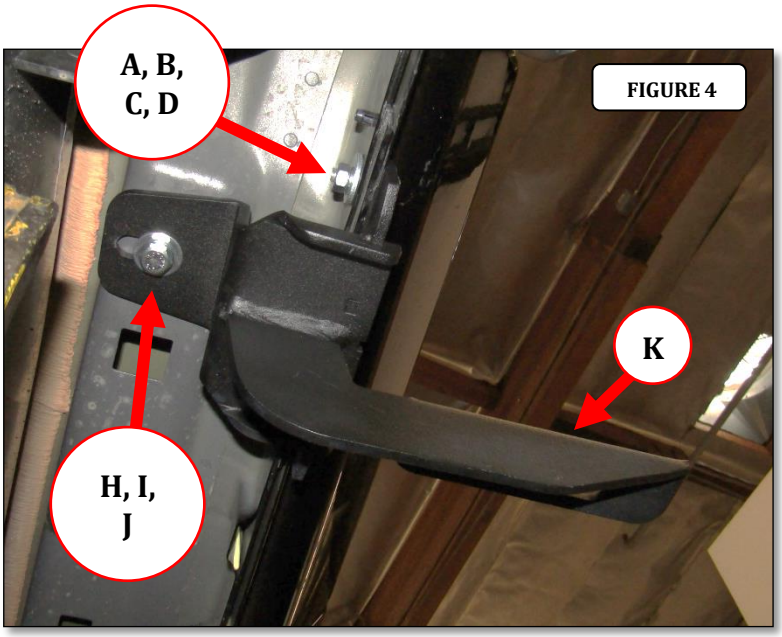
Step-1 Begin the installation on the driver side. Starting at the front of the vehicle, locate the (2) holes in the body pinch mold and (1) M8 threaded hole in the underside of the body, (FIGURE 2).



Step-2 Attach one of the driver side Front/Front Center brackets to the pinch mold using (2) 1/4" x 1" hex head bolts, (4) 1/4" flat washers, (2) 1/4" lock washers and (2) 1/4" hex nuts, and to the underside of the body using (1) M8 x 30mm sems bolt, (1) 5/16" lock washer and (1) 5/16" flat washer, (FIGURE 3 & 4). Leave the nuts and bolts loose for final adjustment.





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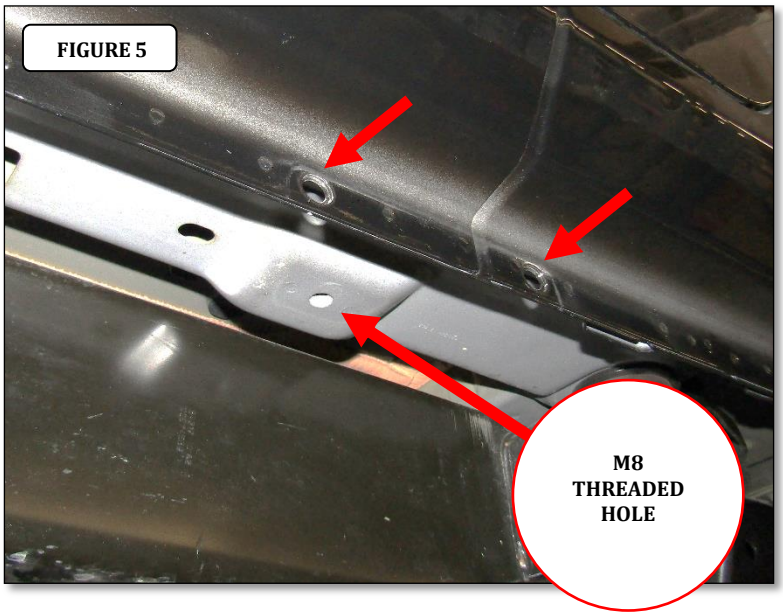
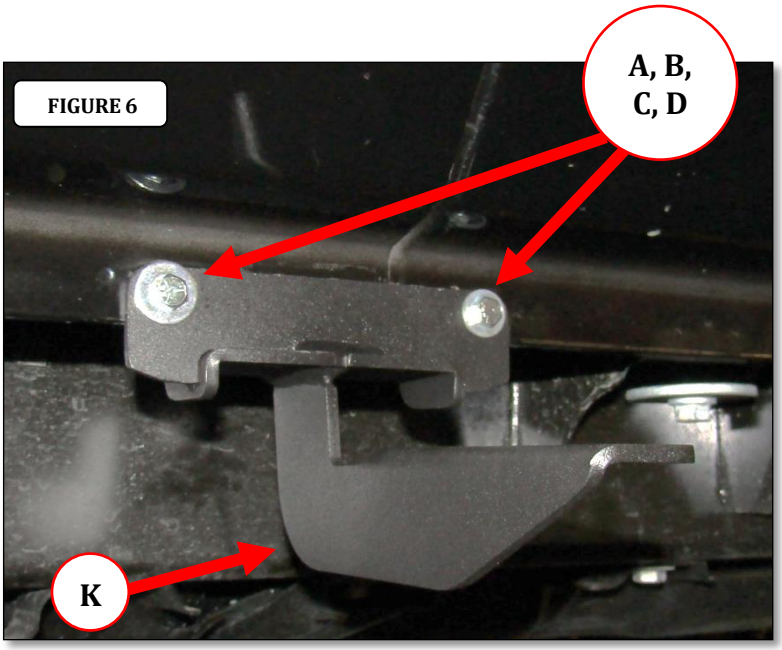
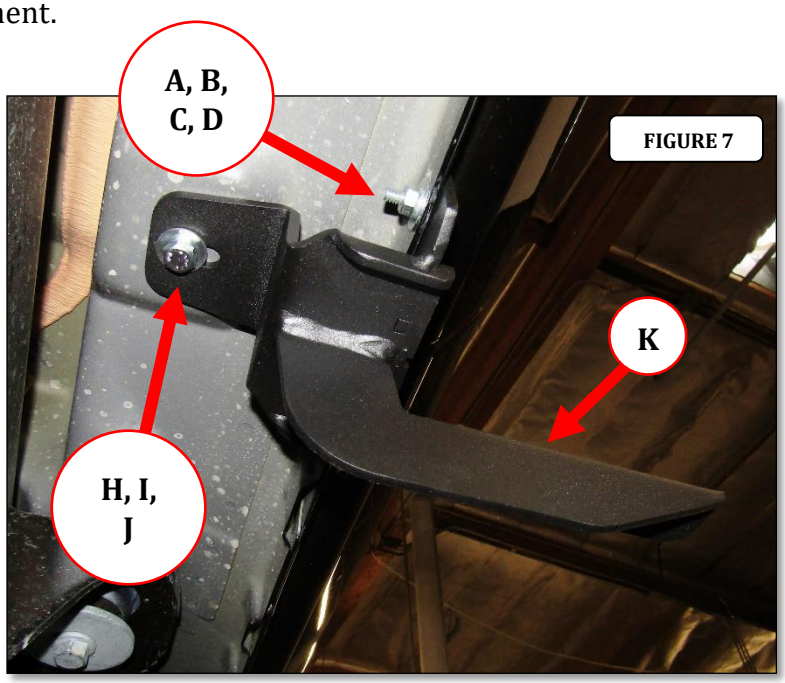
Step-3 Locate the (2) holes in the body pinch mold and (1) M8 threaded hole in the underside of the body at the front center of the vehicle, (FIGURE 5).



Step-4 Attach one of the driver side Front/Front Center brackets to the pinch mold using (2) 1/4" x 1" hex head bolts, (4) 1/4" flat washers, (2) 1/4" lock washers and (2) 1/4" hex nuts, and to the underside of the body using (1) M8 x 25mm hex bolt, (1) 5/16" lock washer and (1) 5/16" flat washer, (FIGURE 6 & 7). Leave the nuts and bolts loose for final adjustment.





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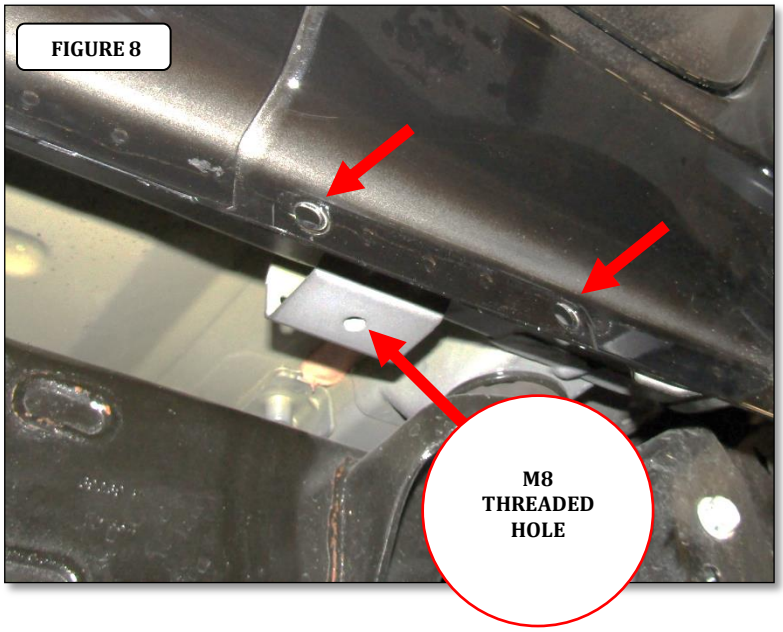
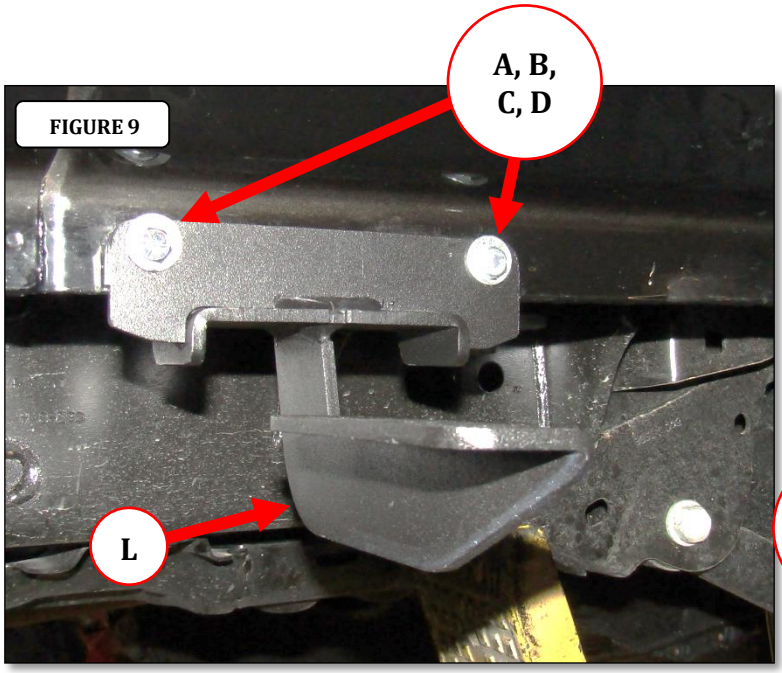
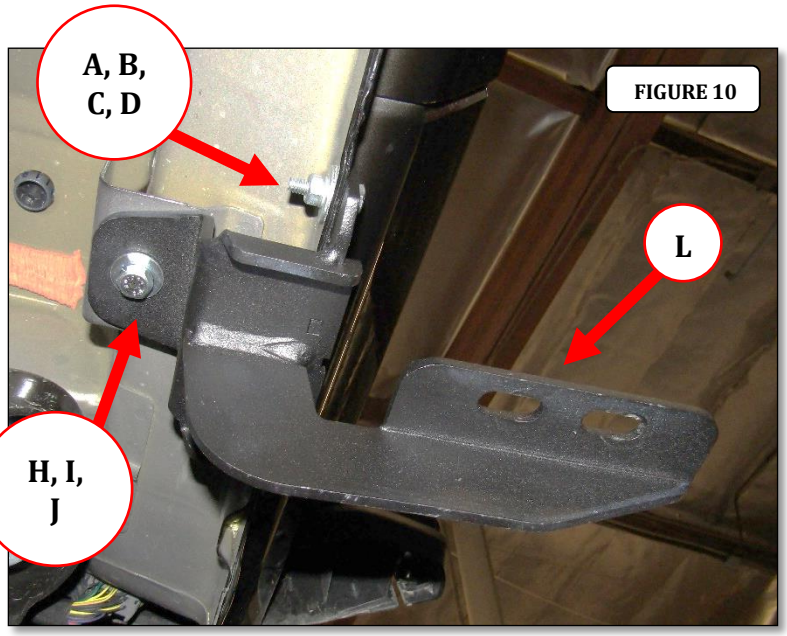
Step-5 Locate the (2) holes in the body pinch mold and (1) M8 threaded hole in the underside of the body at the rear of the vehicle, (FIGURE 8).



Step-6 Attach one of the driver side Rear/Rear Center brackets to the pinch mold using (2) 1/4" x 1" hex head bolts, (4) 1/4" flat washers, (2) 1/4" lock washers and (2) 1/4" hex nuts, and to the underside of the body using (1) M8 x 25mm hex bolt, (1) 5/16" lock washer and (1) 5/16" flat washer, (FIGURE 9 & 10). Leave the nuts and bolts loose for final adjustment.





Step-7 Locate the (2) holes in the body pinch mold and (1) M8 threaded hole in the underside of the body at the rear center of the vehicle, and repeat step 6 to install the remaining driver side bracket.

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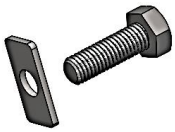
Step-8 Insert the shim in bolt **Figure 11 ,** then inserted in rails of the inner aluminum extrusion at the underside of the side step **Figure 12**. Each side step requires **(8)** M8 x 25mm. Hex bolt with shim, **2** at the front, 2 at front center, **2** at the Rear center , and **2** at the Rear.

Step-9 Place the Side step on the brackets using (6) M8 Hex nut, (6) 5/16" Flat washer, (6) Lock washer. **Figure 13.**



Insert the shim to the bolt.

FIGURE 11

FIGURE 12

FIGURE 13

Step-10 Align the side step with the vehicle and tighten all brackets and side steps nuts and bolts. Repeat the above steps to install the passenger side brackets and side step. Remember to check and retighten the nuts and bolts every six months.

Installed product

Learn more about running boards and step bars we have.