



INSTALLATION INSTRUCTIONS

PART NO.

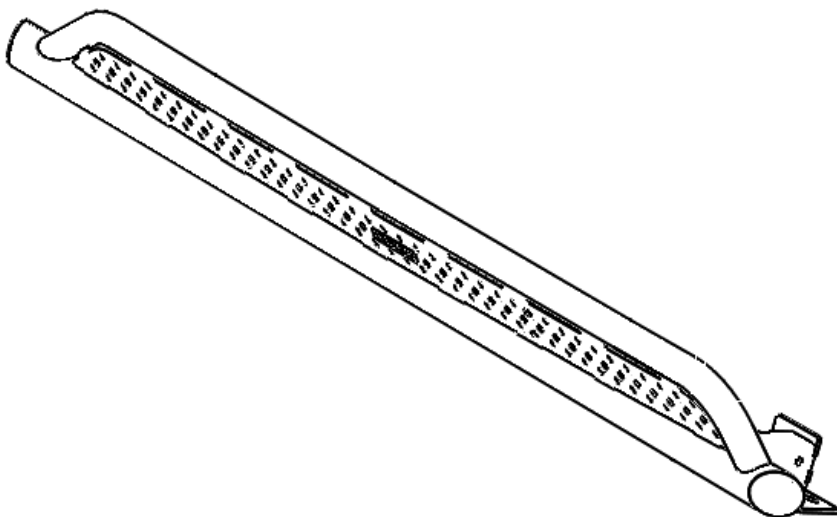
- FS4506T

PRODUCT DESCRIPTION:

- FRAME MOUNT SLIDER

APPLICATION:

- JEEP JLU



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.



INSTALLATION INSTRUCTIONS

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.

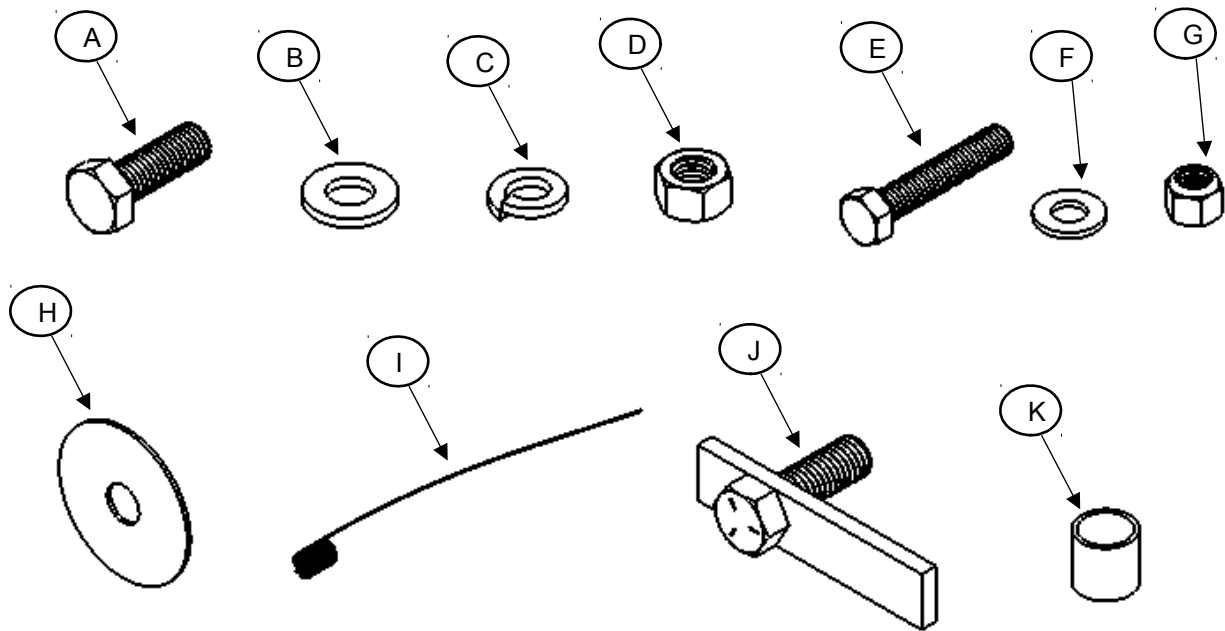
- Installation of some of these products may alter the factory sensor system performance.
- Factory sensors may read shackles or hooks protruding from the fairlead and or tow hooks.
- All sensor testing is completed by Go Rhino Products and or third party testing labs on modified vehicles.
- Sensor sensitivity, 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!

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PARTS INCLUDED IN THIS LIST:

ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION	ITEM	QTY.	DESCRIPTION
A	2	M12-1.5 x 50mm Hex Bolt	E	4	3/8"-16 x 2" Hex Bolt	I	1	Bolt Guide Wire
B	6	1/2" Flat Washer	F	8	3/8" Flat Washer	J	4	1/2" Bolt-Plate
C	6	1/2" Lock Washer	G	4	3/8" Lock Nut	K	4	Tube Spacers
D	4	1/2" Hex Nut	H	2	Vinyl Gasket	L	1 Pr.	Frame Mount Sliders (Not Shown)



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

TOOLS NEEDED FOR INSTALLATION:

- 3/4" Socket & Wrench
- 9/16" Socket & Wrench
- 18mm Socket
- Ratchet & Extension
- Flat screwdriver
- Drill
- 7/16" Drill Bit
- Measure Tape
- Marker

ESTIMATED TIME FOR INSTALLATION:

1.5 Hour

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Step-1 Begin the installation on the passenger side. Locate the existing holes at the front of the frame rail, and the existing bolts at center & rear (FIGURE 1 & 2).

FIGURE 1

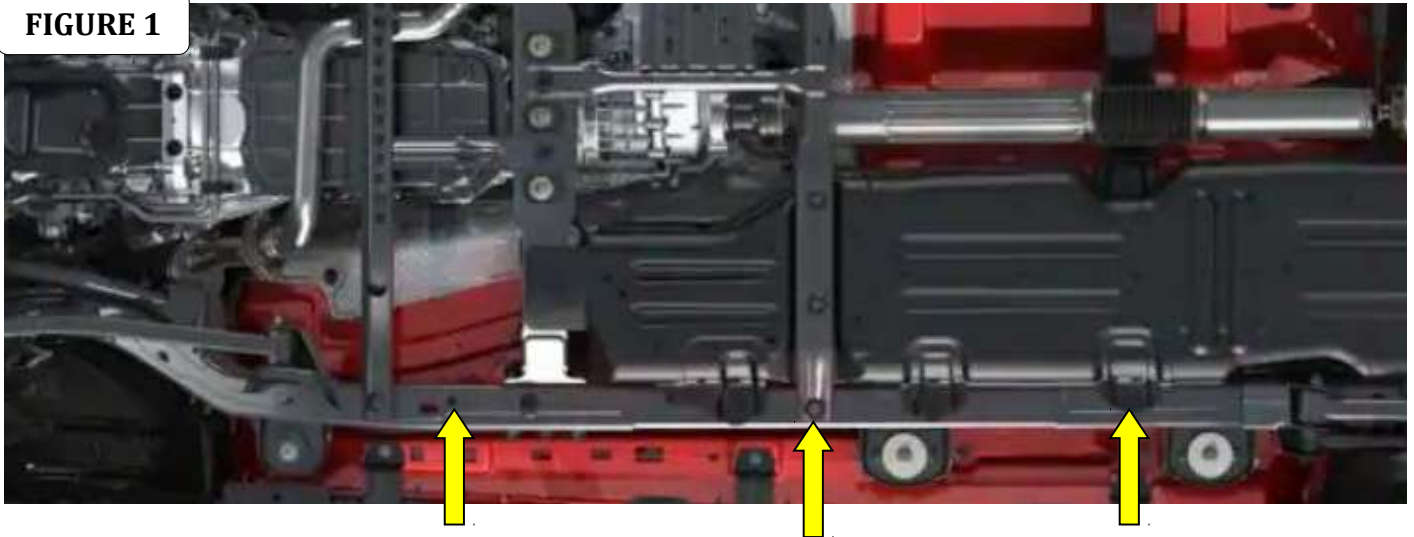
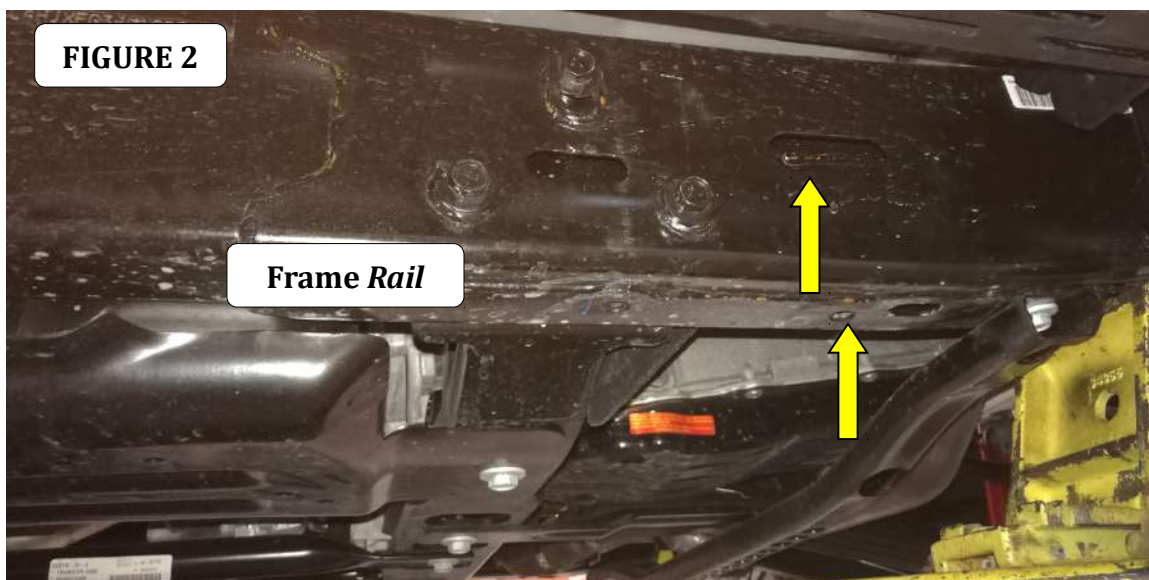


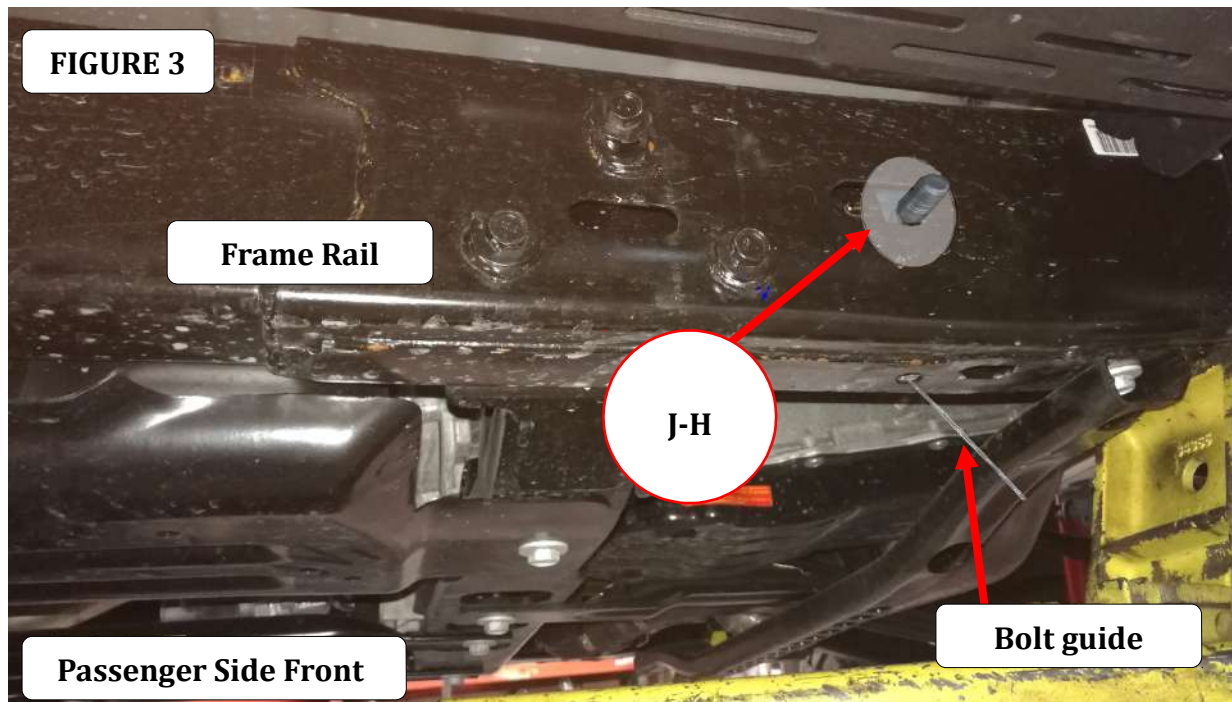
FIGURE 2





INSTALLATION INSTRUCTIONS

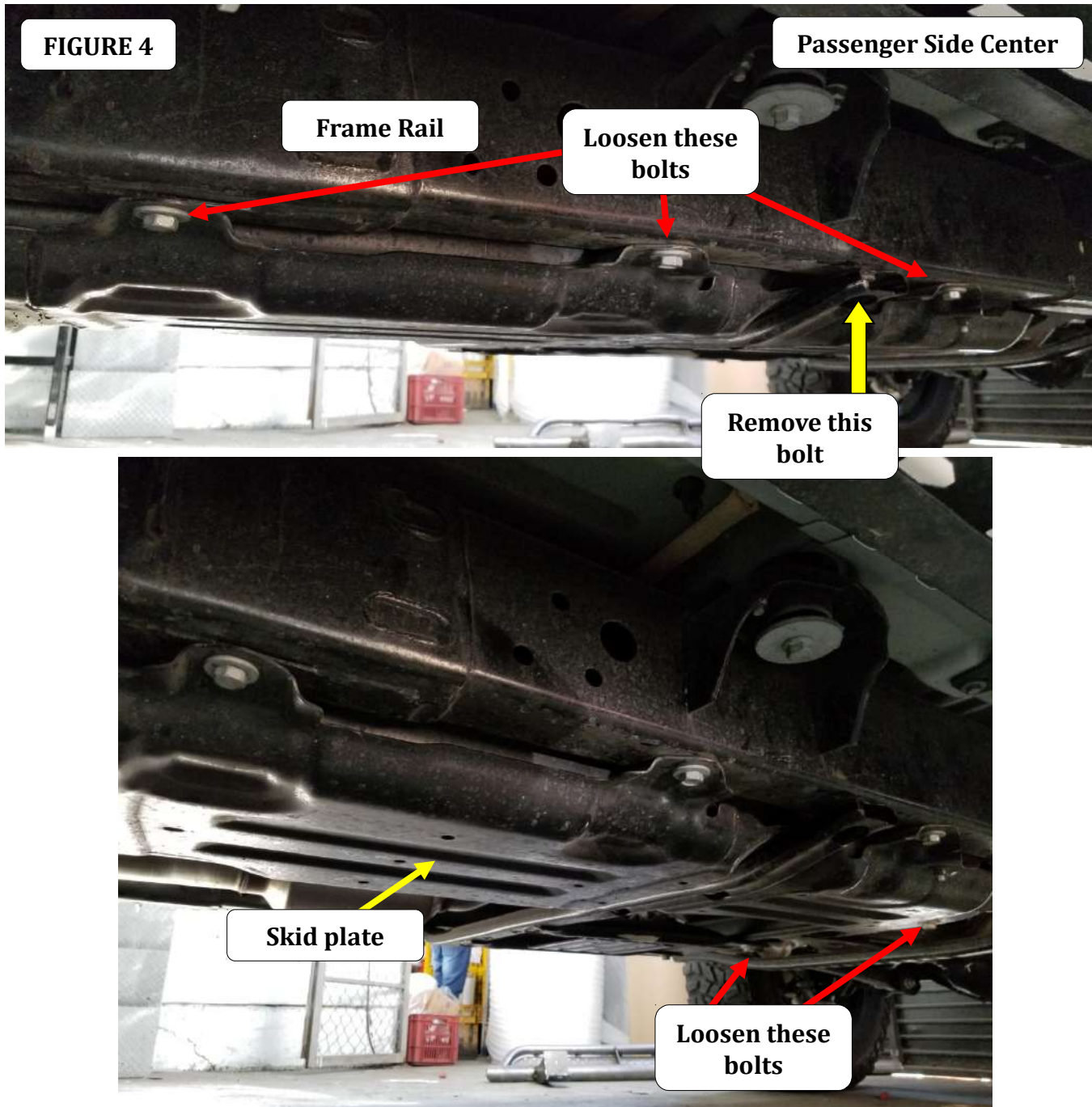
Step-2 At the front location, thread a bolt plate in the guide bolt then introduce it through the obround hole, the tip of the bolt guide must come out through the bottom hole of the frame rail. Do not pull out the bolt plate attached to the bolt guide. Place another bolt plate in the obround hole and use a vinyl gasket to prevent the bolt plate from falling into the frame rail, (FIGURE 3).



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Step-3 At the center & rear locations, locate the existing bolts attaching the skid plate, remove the bolt attaching the center cross member and loosen the others, Figure 4.

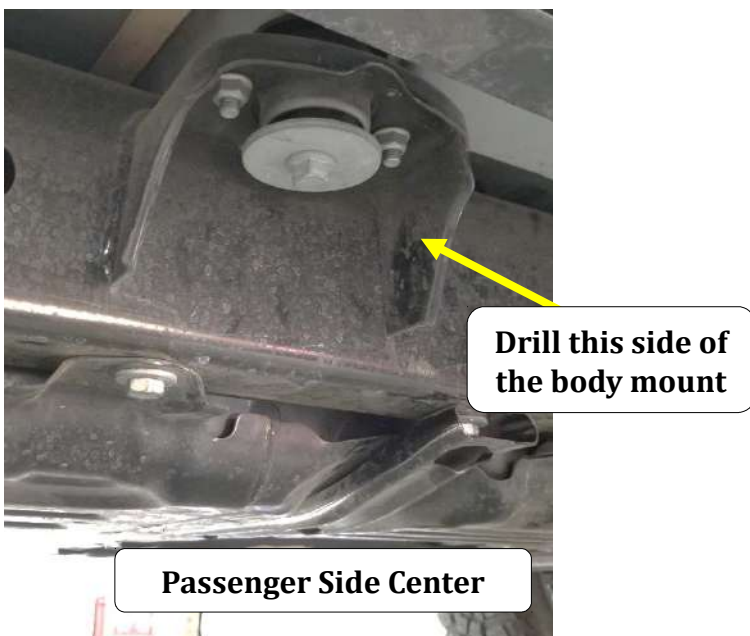
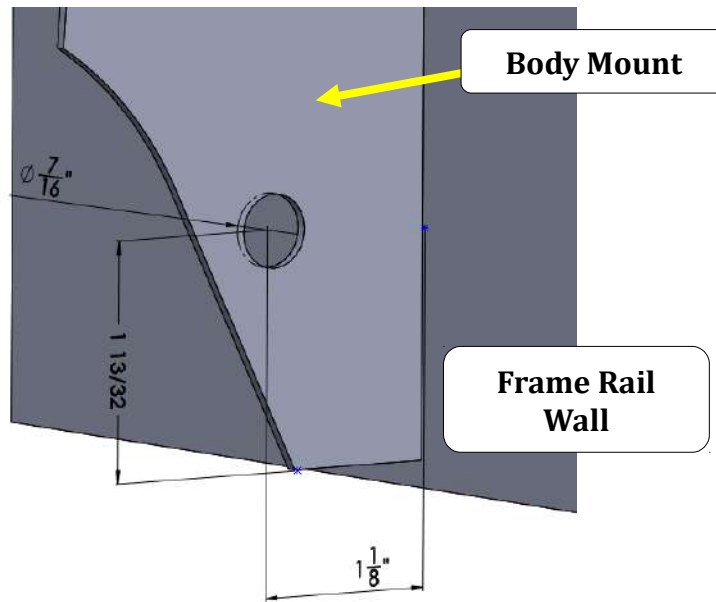


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Step-4 Mark on the external face of the body mount wall a center point as shown and drill a $\varnothing 7/16"$ hole, Figure 5.

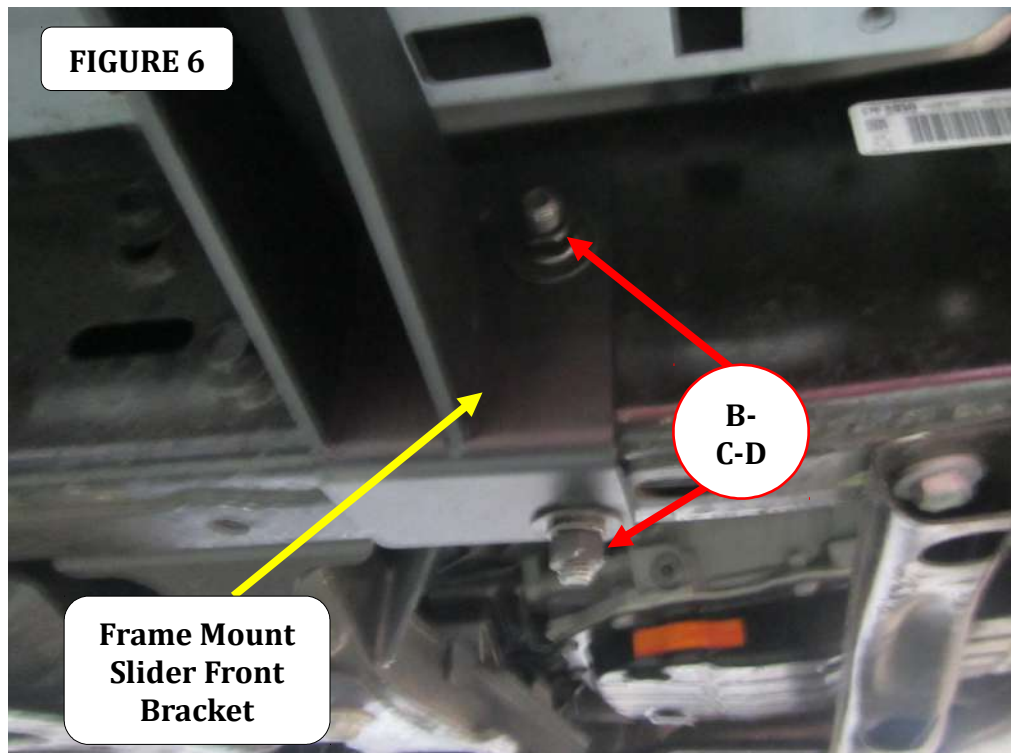
FIGURE 5





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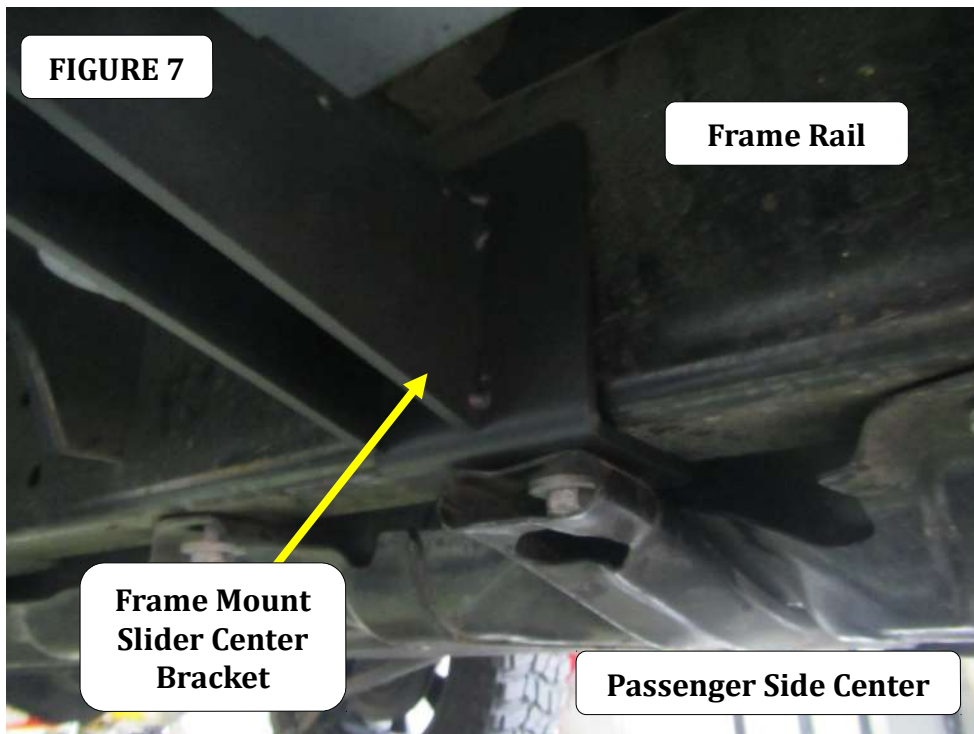
Step-5 Position the frame mount slider brackets up to the frame rail, align the lateral hole in the front bracket with the bolt plate previously installed into the frame. Be careful to insert the bolt guide tip through the bottom hole in the front bracket. Once the bracket is in position pull out the bolt plate inside the frame rail and secure the mount slider front bracket using (2) ½" flat washer, (2) ½" lock nut and (2) ½" hex nut. Figure 6. Leave the nuts loose for final adjustment.



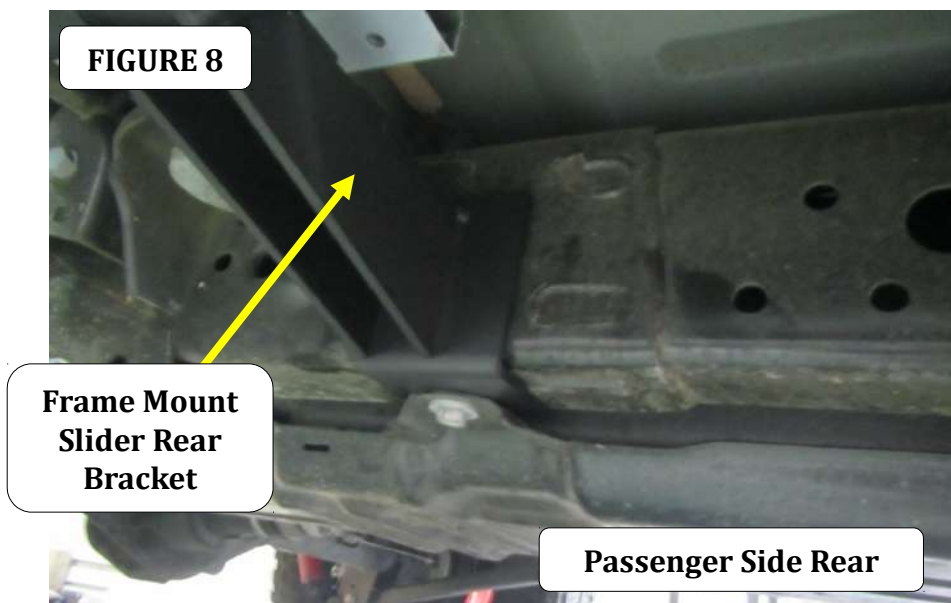


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Step-6 Position the center bracket between the frame rail and the cross member by pulling down gently the cross member using a flat screwdriver . Secure using the bolt removed. Figure 7. Leave the bolt loose for final adjustment.



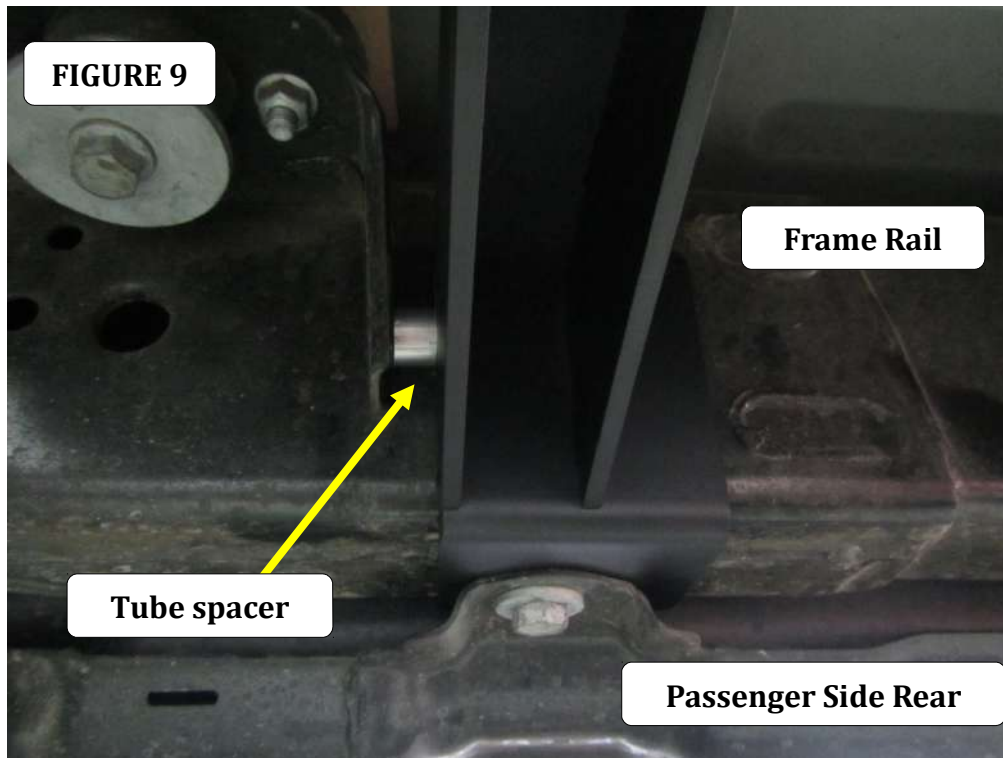
Step-7 Position the rear bracket between the frame rail and the skid plate by pulling down gently the skid plate using a flat screwdriver . Secure using the bolt removed. Figure 8. Leave the bolt loose for final adjustment.





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Step-8 Position a tube spacer between the center/rear brackets and the body mount and secure using (1) 3/8 x 2" Hex bolt, (2) 3/8" Flat washers and (1) 3/8" Lock nut. Figure 9. Leave the nut loose for final adjustment.



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Step-9 Align the Frame Mount Slider and tighten the nuts and bolts securing the brackets to the frame rail. Tighten the skid plate bolts.

FIGURE 10



Passenger Side



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Step-10 Repeat the steps to install the Frame Mount Slider on the driver side of the vehicle. Figure 11.

Remember to check and retighten the nuts and bolts every six months.

