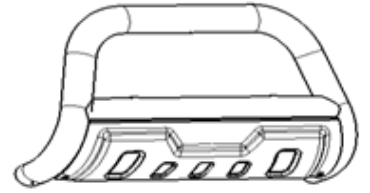




# 3" Bull Bar

## Part No. B0035S/B



Fits: **2017**

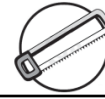
**Honda Ridgeline**



THE BULL BAR MAY INTERFERES WITH PARKING SENSORS, PROXIMITY SENSORS AND CRUISE CONTROL SENSORS.



60-180 min



Cutting Required



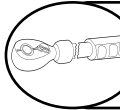
Drilling Not Required



REMOVE CONTENTS FROM BOX. VERIFY ALL PARTS ARE PRESENT.



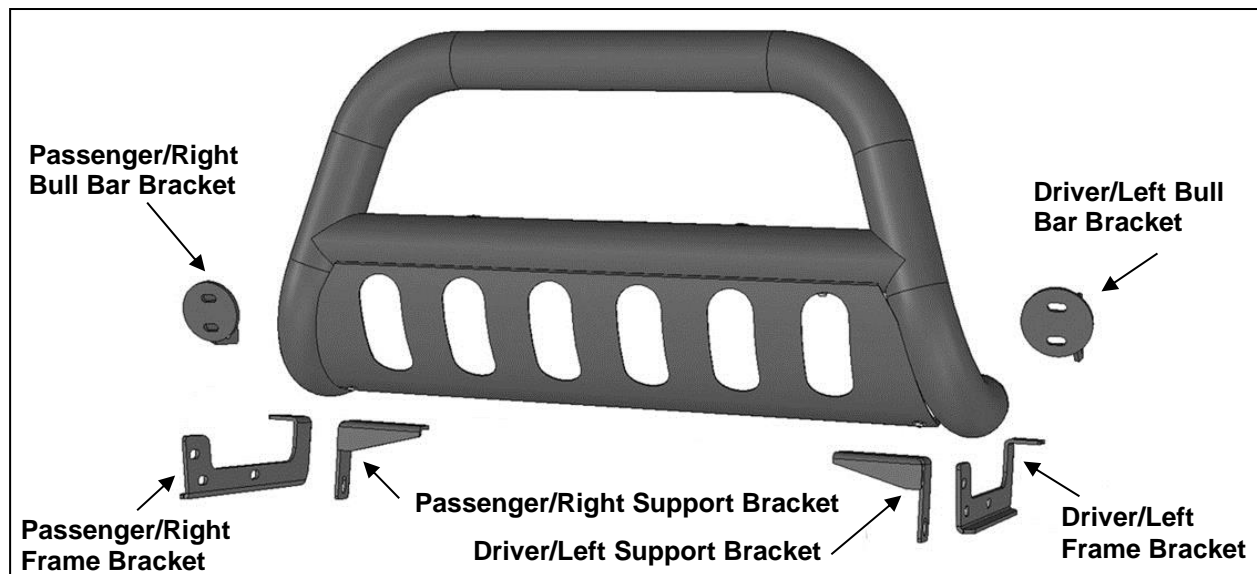
READ INSTRUCTIONS CAREFULLY BEFORE STARTING INSTALLATION.



DO NOT OVER TORQUE. STANDARD OPERATING LOAD FOR TIGHTEN BODY MOUNT NUTS & BOLTS VARIES FROM 45 TO 65 FOOT POUND.

### PARTS LIST:

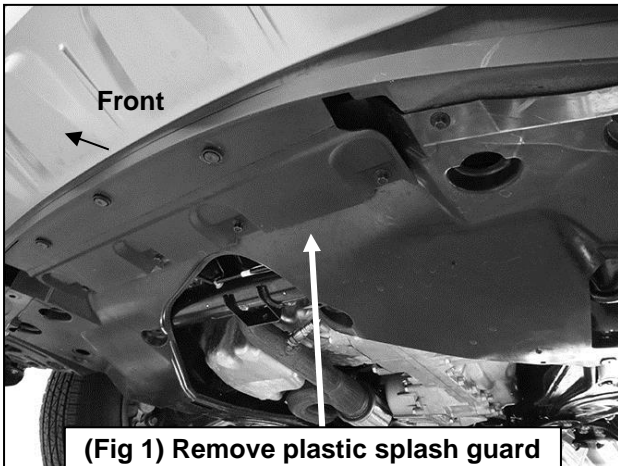
Qty	Part Description	Qty	Part Description
1	Bull Bar	6	10-1.5mm x 30mm Hex Bolts
1	Driver/Left Frame Bracket	12	10mm x 27mm OD x 3mm Flat Washers
1	Passenger/Right Frame Bracket	6	10mm Lock Washers
1	Driver/Left Support Bracket	6	10mm Hex Nuts
1	Passenger/Right Support Bracket	4	8-1.25mm x 25mm Hex Bolts
1	Driver/Left Bull Bar Mounting Bracket	4	8mm x 24mm OD x 2mm Flat Washers
1	Passenger/Right Bull Bar Mounting Bracket	4	8mm Lock Washers



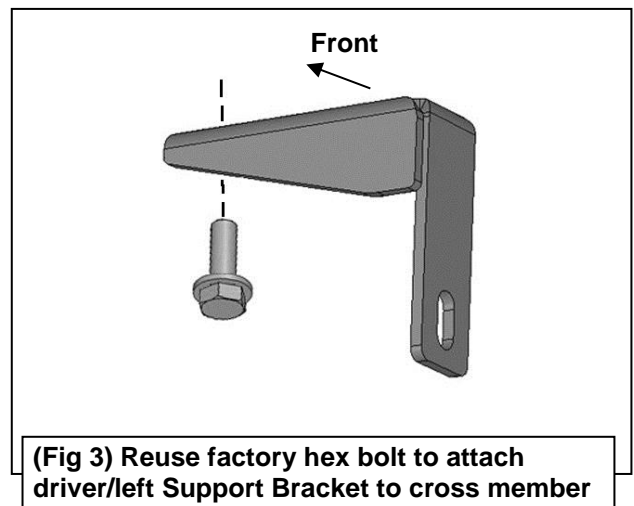
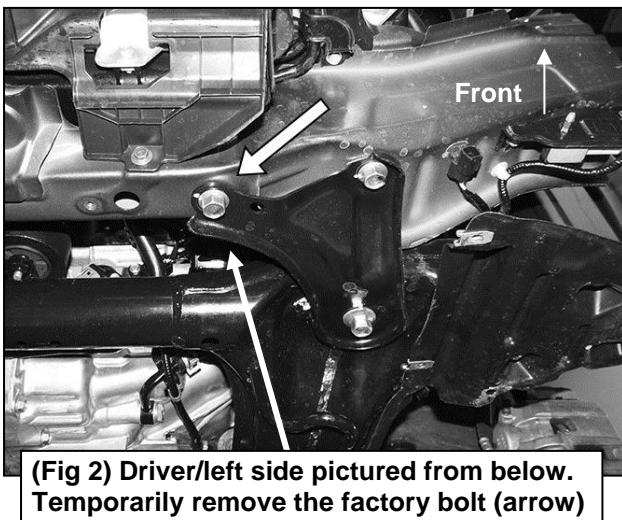
## INSTALLATION PROCEDURE:

**Note:** It may be necessary to remove/relocate front license plate and license plate bracket. It is not required, but strongly recommended. If local/state law requires a license plate, a license plate relocation kit is available separately.

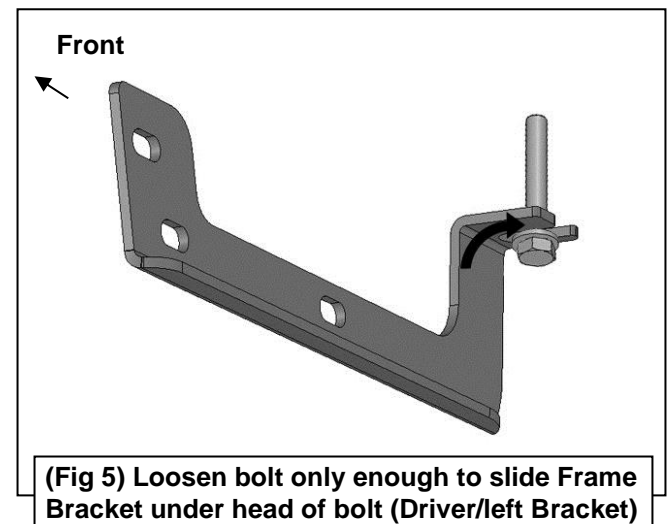
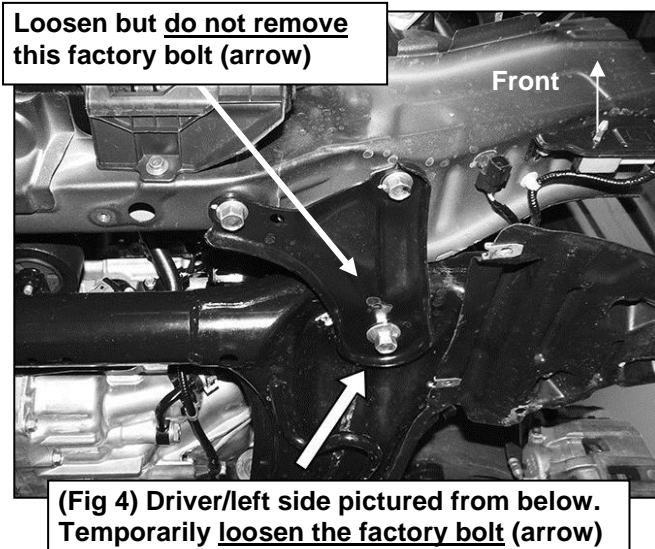
1. Start installation under the front bumper. Carefully remove the large center plastic splash guard under the bumper, **(Figure 1)**. **NOTE:** There may be several two-piece push-in clips holding the splash guard up to the vehicle. Pry the center pin of the clip up with a small flat blade screwdriver and remove the entire clip. Pay close attention to the type and location of all factory hardware for reinstallation.

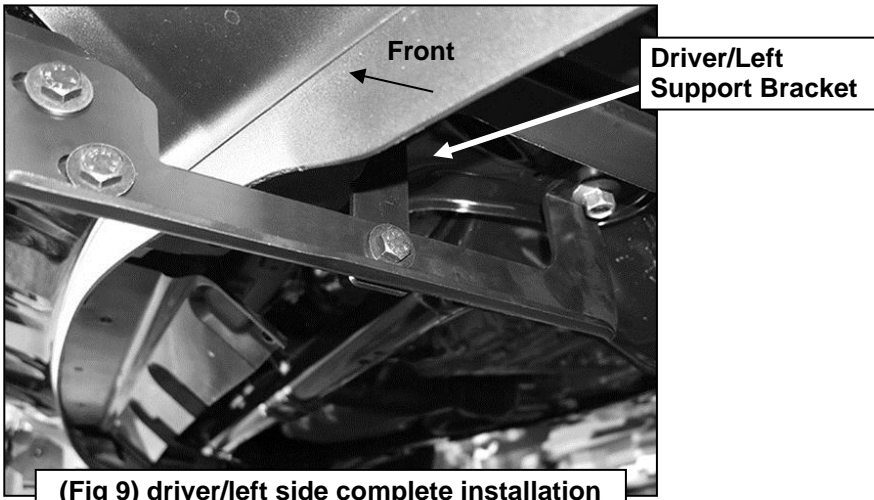


2. Remove the factory hex bolt from the bottom of the cross member, **(Figure 2)**. Select the driver/left Support Bracket, **(Figure 3)**. Reuse the hex bolt to attach the Support Bracket to the cross member. Snug but do not fully tighten hex bolt at this time.



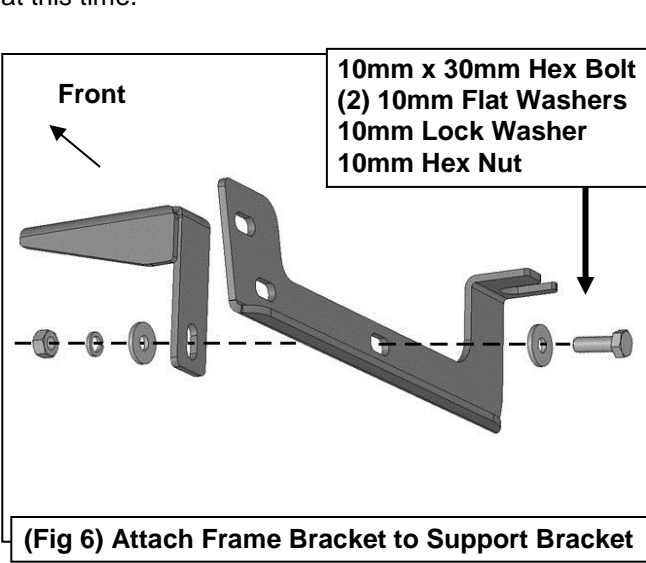
3. Next, **loosen but do not remove** the large frame bolt, **(Figure 4)**. Select the driver /left Frame Bracket. Slide the inner slotted end of the Frame Bracket under the frame bolt, **(Figures 5 & 9)**. **IMPORTANT:** Only loosen the frame bolt enough to slide the Bracket under the head of the bolt. **Do not fully loosen or remove the frame bolt.** Do not fully tighten hardware at this time.



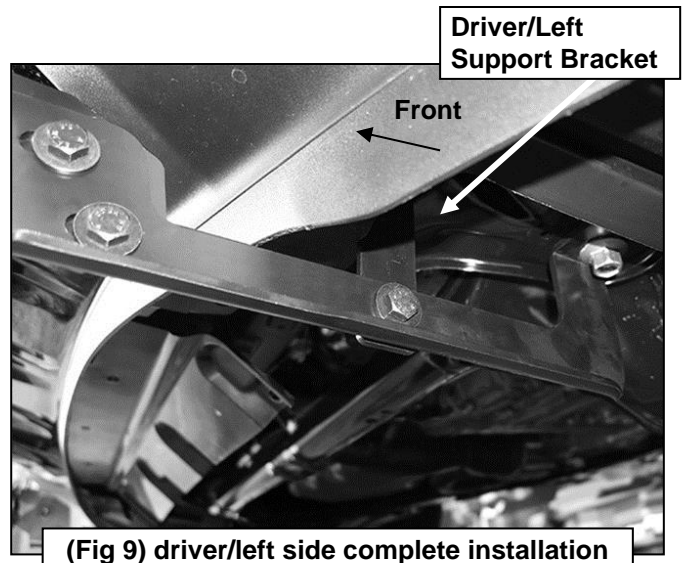


**(Fig 9) driver/left side complete installation**

4. Attach the Support Bracket to the inner side of the Frame Bracket with (1) 10mm x 30mm Hex Bolt, (2) 10mm Flat Washers, (1) 10mm Lock Washer and (1) 10mm Hex Nut, **(Figures 6 & 9)**. Snug but do not fully tighten hardware at this time.

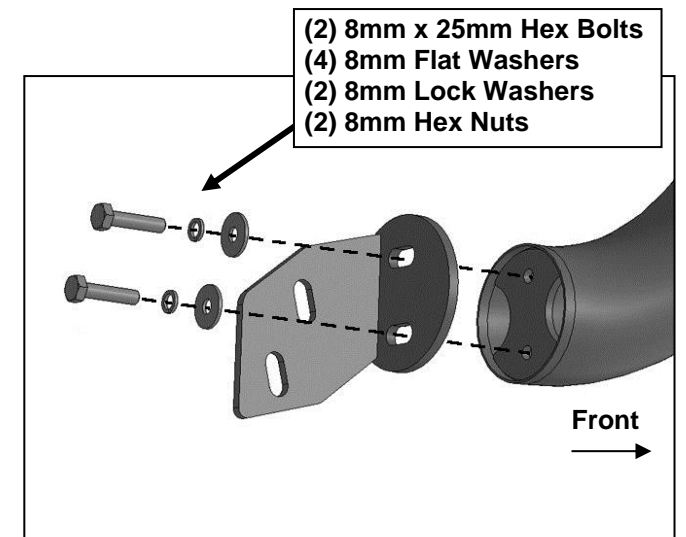


**(Fig 6) Attach Frame Bracket to Support Bracket**



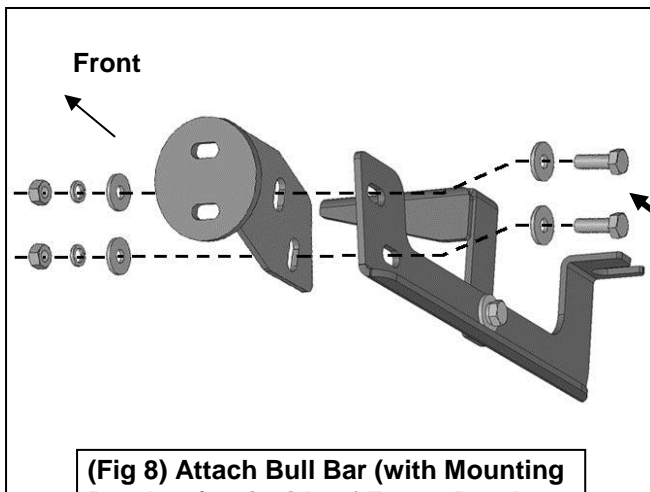
**(Fig 9) driver/left side complete installation**

5. Repeat **Steps 2—4** to install the passenger/right side Brackets.
6. Select the driver/left side Bull Bar Mounting Bracket, **(Figure 7)**. Attach the Bracket to the end of the Bull Bar with (2) 8mm x 25mm Hex Bolts, (2) 8mm Lock washers and (2) 8mm Flat Washers. Do not tighten hardware at this time. Repeat to attach the passenger/right Bull Bar Bracket to the Bull Bar.



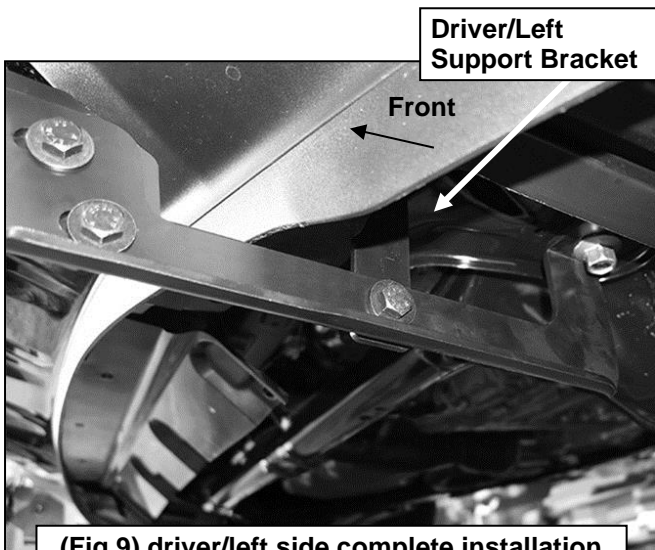
**(Fig 7) Attach driver/left Bull Bar Bracket to Bull Bar**

7. With assistance, attach the Bull Bar and Brackets to the inside of the Frame Brackets with the included (4) 10mm x 30mm Hex Bolts, (8) 10mm Flat Washers, (4) 10mm Lock Washers and (4) 10mm Hex Nuts, **(Figures 8—10)**. Once the Bull Bar is fully installed on the vehicle, level, adjust and tighten only the (2) factory hex bolts attaching the Support Brackets, **(Figures 2 & 3)**. **IMPORTANT:** Only tighten the Support Bracket to cross member bolts at this time. Remove the Bull Bar and Frame Brackets. Only loosen the larger frame bolts enough to remove frame brackets. **Do not fully loosen or remove the large frame bolts, (Figure 4).**

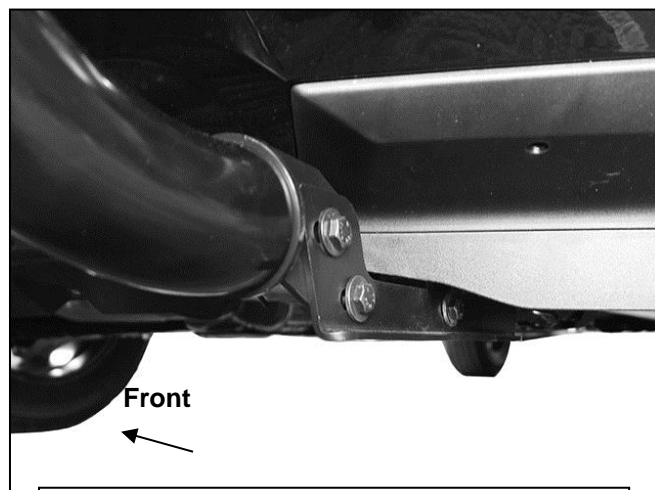


- (2) 10mm x 30mm Hex Bolts
- (4) 10mm Flat Washers
- (2) 10mm Lock Washers
- (2) 10mm Hex Nuts

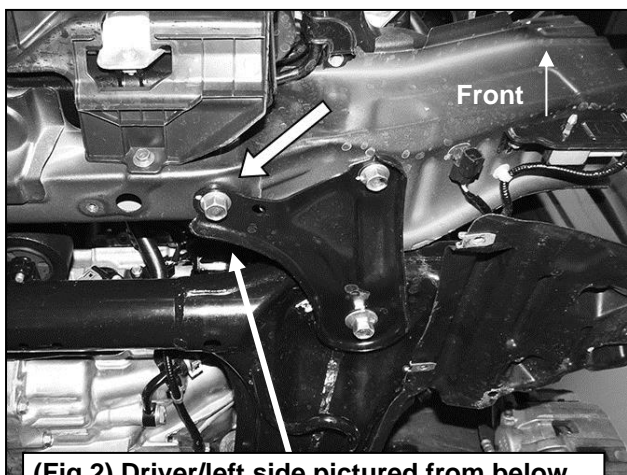
**(Fig 8) Attach Bull Bar (with Mounting Brackets) to inside of Frame Brackets**



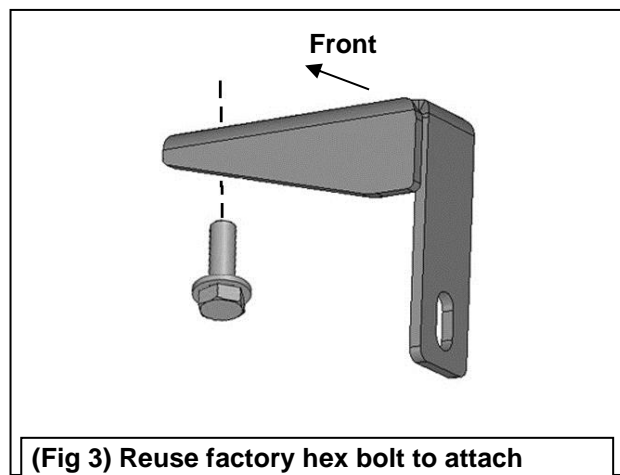
**(Fig 9) driver/left side complete installation**



**(Fig 10) driver/left side Bull Bar to Brackets**

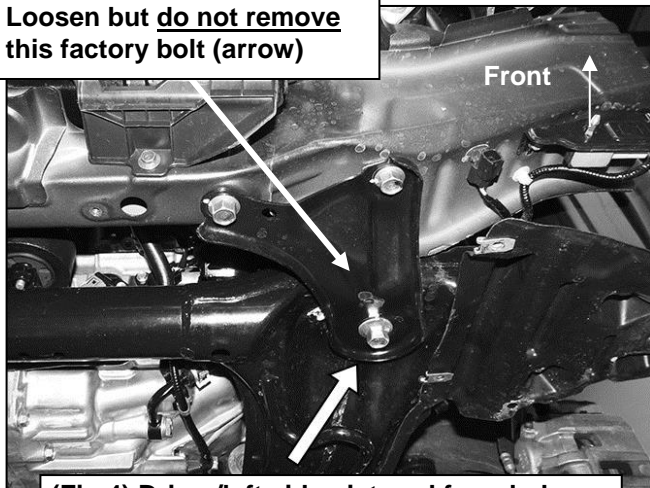


**(Fig 2) Driver/left side pictured from below. Temporarily remove the factory bolt (arrow)**



**(Fig 3) Reuse factory hex bolt to attach driver/left Support Bracket to cross member**

Loosen but do not remove this factory bolt (arrow)



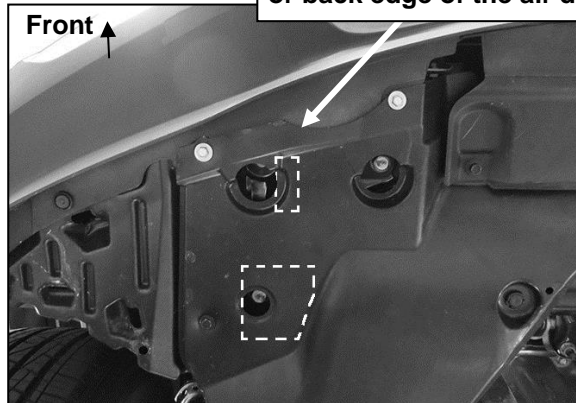
(Fig 4) Driver/left side pictured from below. Temporarily loosen the factory bolt (arrow)

8. Hold the splash guard up to the original location and mark the location of the Support Brackets onto the cover, (Figure 11). Use a sharp knife or hacksaw blade to cut a slot in the cover to clear the Bracket. Next, cut out the area around large frame bolt to clear the inner end of the Frame Brackets, (Figure 12). If necessary, hold the Frame Brackets up to the cover to determine area to cut out of cover, (approximately a 2" x 2" square). Once all cuts have been made and checked for clearance around Brackets, reinstall the splash guard using the factory hardware.



(Fig 11) Hold splash guard up to bottom of Brackets to determine areas to cut from cover. (Bottom of splash guard pictured)

Do not cut through the front or back edge of the air dam



(Fig 12) Passenger/right side of splash guard pictured. Use dashed line as reference only

Mark the Support Bracket (top) location onto the bottom of the splash guard. Temporarily remove the Bull Bar and Frame Brackets. Do not remove Support Brackets. Cut openings for Frame Brackets and Support Brackets. Reinstall splash guard, trim for clearance if necessary. Reinstall Frame Brackets and Bull Bar

9. Reinstall the Frame Brackets over and through the splash guard. Reattach the Frame Brackets to the Support Brackets. Reinstall the Bull Bar, level and adjust and fully tighten all hardware, (Figure 12).
10. Do periodic inspections to the installation to make sure that all hardware is secure and tight.



## PRODUCT CARE

- Periodically check the product to ensure all fasteners are tight and components are intact.
- Regular waxing is recommended to protect the finish of the product.
- **Use ONLY Non-Abrasive automotive wax.** Use of any soap, polish or wax that contains an abrasive is detrimental and can scratch the finish leading to corrosion.
- Aluminum polish may be used to polish small scratches and scuffs for **Stainless Steel finish.**
- Mild soap may be used to clean the product for both **Stainless Steel and Black finish.**

## FAQ's

**1. Hardware's are not of correct size.**

*In GMC / Chevrolet truck model 2006 & up, customer needs to reuse the factory body bolts to install the bracket. If your vehicle is not GMC / Chevrolet 2006 & up, ensure that holes are not partially covered with any plastic grommet or rust? If it is, remove the plastic grommet & rust from the thread holes & re-try the installation.*

**2. Mounting Bracket are not getting Installed properly.**

*In some cases Illustration images shown in Installation manual may not be the exactly same as per actual vehicle images ,also if Driver / Passenger side mounting brackets are very identical in the design, suggest referring Parts Identification guide to avoid fitment issue.*

**3. Products are thumping / rattling after installation.**

*Ensure that all required mounting brackets / hardware's are installed & tighten correctly. Suggest using white lithium / regular grease between the metal to metal contact surfaces.*

**4. Side Bar is not aligning with vehicle / Step Pads are not aligning with vehicle doors.**

*Side bar may be interchanged or mounting brackets are not installed at the correct position in the vehicle. Refer Parts identification guide.*

**5. Missing / Excess Hardware.**

*Recheck hardware count as per the part list.*

**6. Product not installing properly.**

*Ensure make model year, cab length and bed size of your vehicle is listed in the application. All installation steps are followed correctly.*

## Check out these other TrailFX Products!!



*Keystone Automotive Operations Inc. (KAO) warrants this product to be free of defects in material and workmanship at the time of purchase by the original retail consumer. KAO disclaims any other warranties, express or implied, including the warranty of fitness for a particular purpose or an intended use. If the product is found to be defective, KAO may replace or repair the product at our option, when the product is returned prepaid, with proof of purchase. Alteration to, improper installation, or misuse of this product voids the warranty. KAO's liability is limited to repair or replacement of products found to be defective, and specifically excludes liability for any incidental or consequential loss or damage.*