

**IMPORTANT:**

***Manufacturer is not responsible for negligent use of vehicle with Skid Plate Installed,  
Including over-tightening of screws and bolts causing damage to vehicle or guard.***

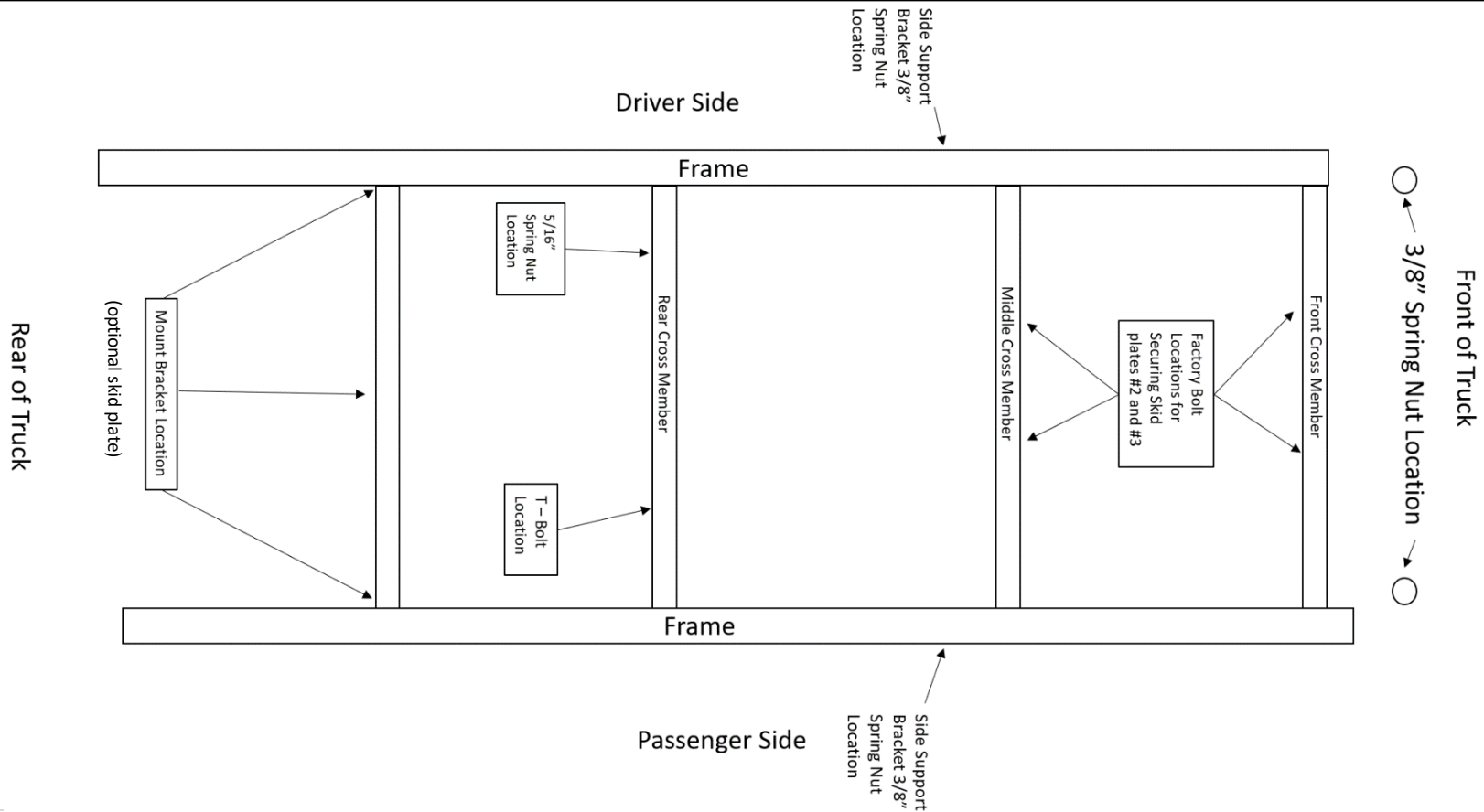
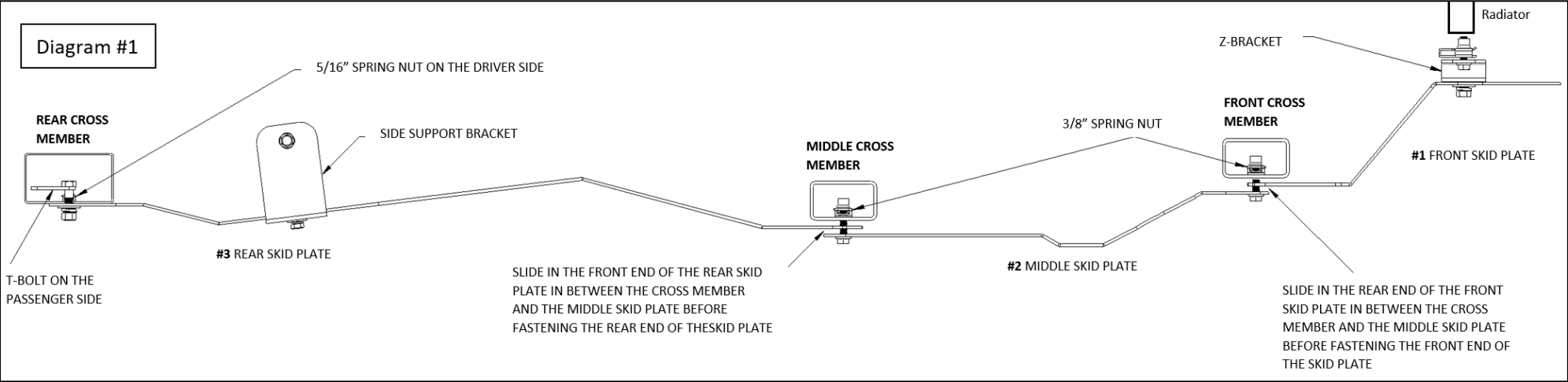
#1	Components - Front Skid Plate		
	Item Name	QTY	Part No
	Front Skid Plate	1	702242
	Z-Bracket	2	702244
	<b>Front Parts Bag (contents below)</b>	1	702474
	Spring Nut 3/8"	2	028007
	Capscrew, PLTD, 3/8" - 16UNC 1 1/2"	2	014012
	Capscrew, PLTD, 3/8"-16UNC 1"	2	014042
	Washer, Lock, PLTD, 3/8"	4	024006
	Washer, Flat, PLTD, 3/8"	2	018046

#2	Components - Middle Skid Plate		
	Item Name	QTY	Part No
	Middle Skid Plate	1	702236
	<b>Middle Parts Bag (Contents Below)</b>	1	702475
	Capscrew, PLTD, 3/8"-16UNC 1"	4	14042
	Washer, Lock, PLTD, 3/8"	4	24006
	Washer, Flat, PLTD, 3/8"	4	18046
	Spring Nut 3/8"	4	28007

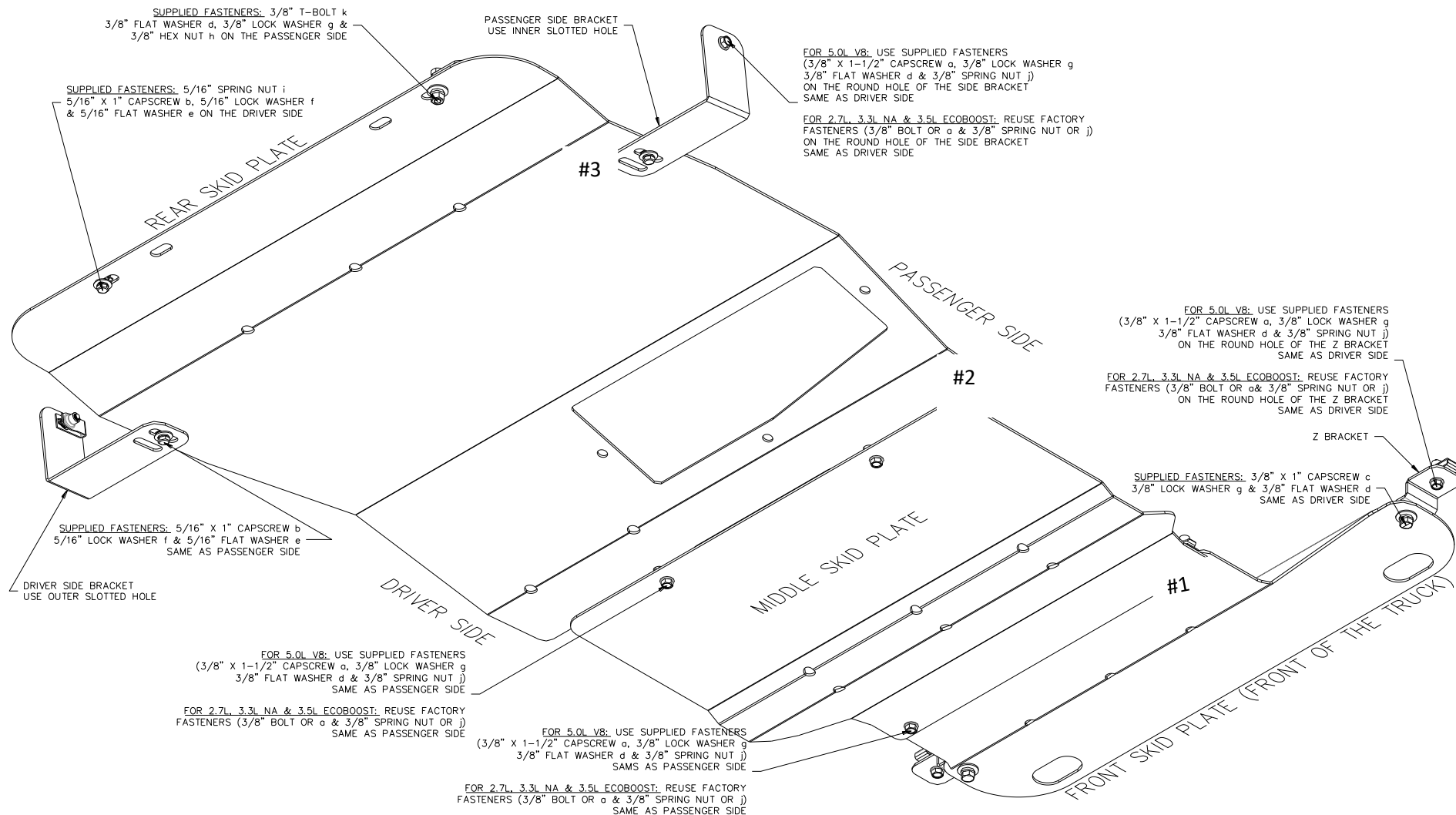
#3	Components - Rear Skid plate		
	Item Name	QTY	Part No
	Rear Skid Plate	1	702442
	Side Support Bracket	2	702468
	<b>Rear Parts Bag (contents below)</b>	1	702476
	Capscrew, PLTD, 3/8" - 16UNC 1 1/2"	2	014012
	T-Bolt Assembly	1	762236
	Washer, Lock, PLTD, 3/8"	3	024006
	Washer, Flat, PLTD, 5/16"	7	018047
	Nut, Hex, PLTD, 3/8"-16 UNC	1	025015
	Spring Nut 3/8"	2	028007
	Capscrew, PLTD, 5/16" - 18UNC 1"	6	014022
	Washer, Flat, PLTD, 3/8"	5	018046
	Spring Nut 5/16"	6	028005
	Washer, lock, PLTD, 5/16"	6	024002

#4	Components - Transfer Case Skid Plate (Purchased Separately)		
	Item Name	QTY	Part No
	Transfer Case Skid Plate	1	702470
	<b>Parts Bag (contents below)</b>	1	702473
	Mount Bracket w/ Clinch Nut	3	702472
	Washer, Lock, 18-8SS, 1/4"	6	024000
	Washer, Flat, 0.281" x 1" x 18 Ga, SS	6	018028
	Capscrew, SS, 1/4" - 20UNC x 1"	6	014007

Mounting Diagrams



## 2017 - 2020 FORD F-150 3 PIECES SKID PLATE MOUNTING DIAGRAM PART # 700374



NOTE: 3.3L NA = 3.3L NATURALLY ASPIRATED.

BOTTOM VIEW OF THE TRUCK

**Recommended wrenches:**

- 13mm for larger factory screws (e.g. #6 & 7 in Picture 3)
- 5/16" for smaller factory screws (e.g. the unlabeled white screws beside #6 & 7 in Picture 3)

## **5.0L V8:**

Use the numbered parts bag to match the skid plate number.

### **#1 – Front Skid Plate, #1 Parts Bag**

- 1) Remove the factory felt liner at the front of the truck, there are 2 smaller bolts at the back and 2 larger bolts in the front. Some trucks may have a second felt liner that covers the motor section, all factory felt liners must be removed to install our aluminum skid plates.
- 2) Install the 2x 3/8" spring nuts in the front of the truck, one on each side of the radiator, see Diagram 1.
- 3) Install the Z- Brackets using the 3/8" – 1.5" capscrews into the spring nuts and secure in place using the lock washer and flat washer provided.
- 4) Once the Z-Brackets are in place, remove the plate that holds the 2 back bolts for the factory fiber skid plate in the rear, retain the two large bolts.
- 5) Install the front skid plate, use the provided 3/8" – 1" capscrews to secure the front of the skid plate to the Z-Brackets, with the lock washer and flat washer. The rear of the skid plate is secured to the front cross member of the truck by the two factory bolts that were removed in step 4, do not tighten the bolts all the way as these bolts also secure the front of #2 skid plate.

### **#2 – Middle Skid Plate, No Parts Bag**

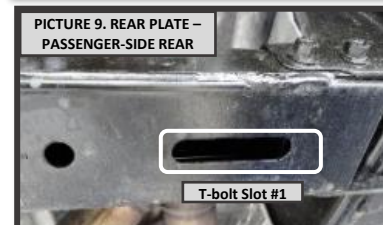
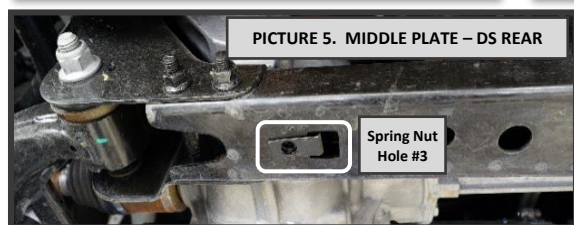
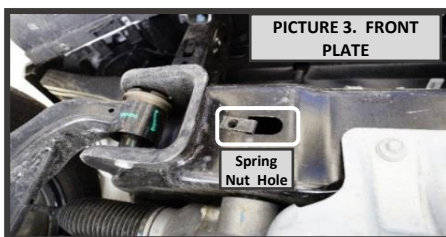
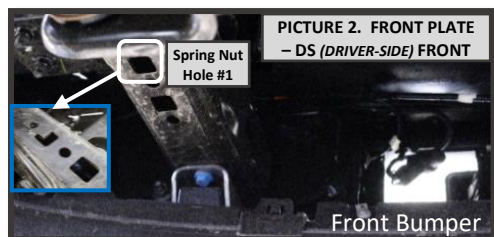
- 6) The front of skid plate #2 is secured to the front cross member using the same two bolts from step 5, the front of middle skid plate slides underneath the back of the front skid plate.
- 7) The back of the middle skid plate is held in place using the 2 factory bolts located in the middle cross member, remove these bolts, and use them to secure the middle skid plate, do not tighten all the way, as these bolts hold the front of the #3 rear skid plate.

### **#3 – Rear Skid Plate, #3 Parts Bag**

- 8) Start the rear skid plate install by securing the removable access panel to the skid plate using 3x 5/16" spring nuts with the 5/16" – 1" capscrews with the lock washer and flat washers.
- 9) Install the 3/8" spring nuts for the side support bracket on the outside of the frame, see picture 4.
- 10) Install the side support brackets with the 3/8" x 1 1/2" capscrew with locking washer and flat washer, into the spring nuts from step 8. Leave the side support brackets slightly loose to allow for adjustments until everything is installed, then tighten when everything is finished, see figure #1. Also install the 2x 5/16" spring nuts onto the sides of the skid plate, these are used to secure the skid plate to the side support brackets, see diagram #2.
- 11) Install the 5/16" spring nut and T-Bolt, into the rear cross member, the spring nut goes on the driver side and the T-Bolt on the passenger side, see picture 7 and 9.
- 12) To install the skid plate, insert the front of the skid plate, slide the skid plate up and over the side support brackets and the front of the plate goes underneath the back of the middle skid plate. The front of the rear skid plate gets secured using the same factory bolts from step 7.
- 13) Next, secure the rear of the skid plate on the driver side using the 5/16" – 1" capscrew with locking washer and flat washer.
- 14) Install the 5/16" – 1" capscrew with locking washer and flat washers, to secure the skid plate to the side support brackets, see diagram #2.
- 15) Secure the rear of the skid plate on the passenger side using a locking washer, flat washer, and hex nut to tighten down the T-bolt.
- 16) Tighten down the two factory bolts on the middle cross member, and torque all the hardware, this completes the install process.

#### #4 – Transfer Case Skid Plate (Optional), #4 Parts Bag

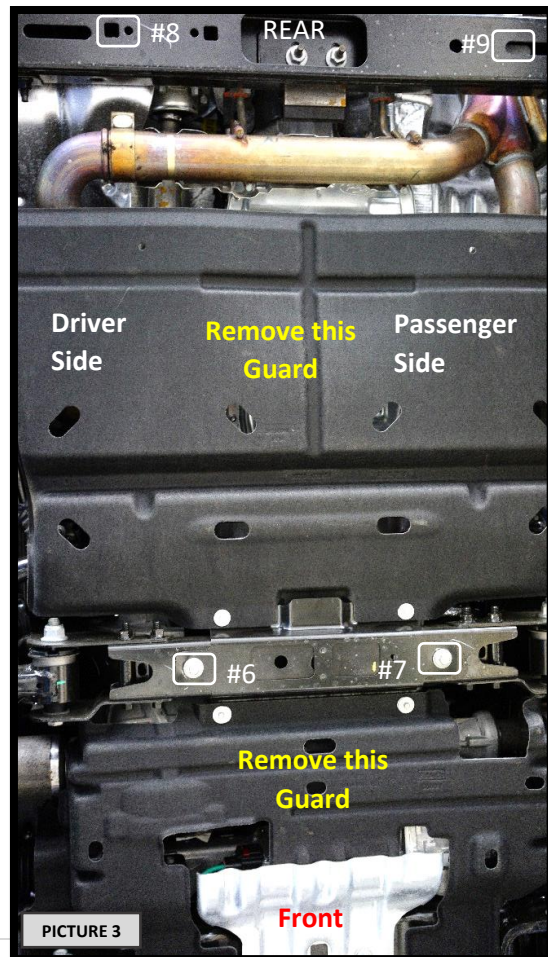
- 17) Install the 3x mounting brackets with clinch nuts over the cross member.
- 18) Loosen the two bolts securing the back end of the #3 skid plate.
- 19) Slide the front of the #4 skid plate underneath the back of the #3 skid plate.
- 20) Install the 6x 1/4" – 1" capscrews with locking washers and flat washers to secure the rear of the #4 skid plate to the cross member.

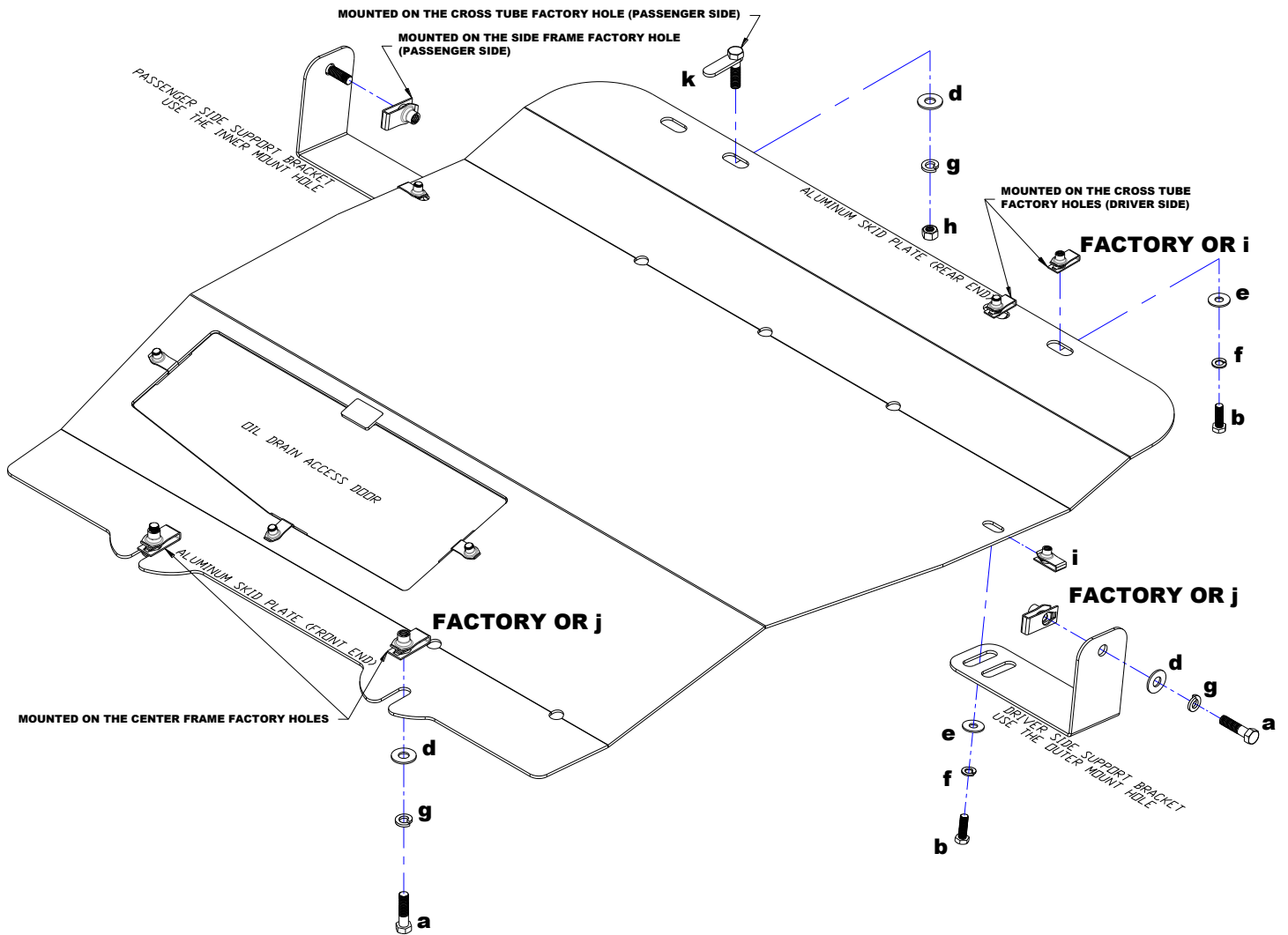


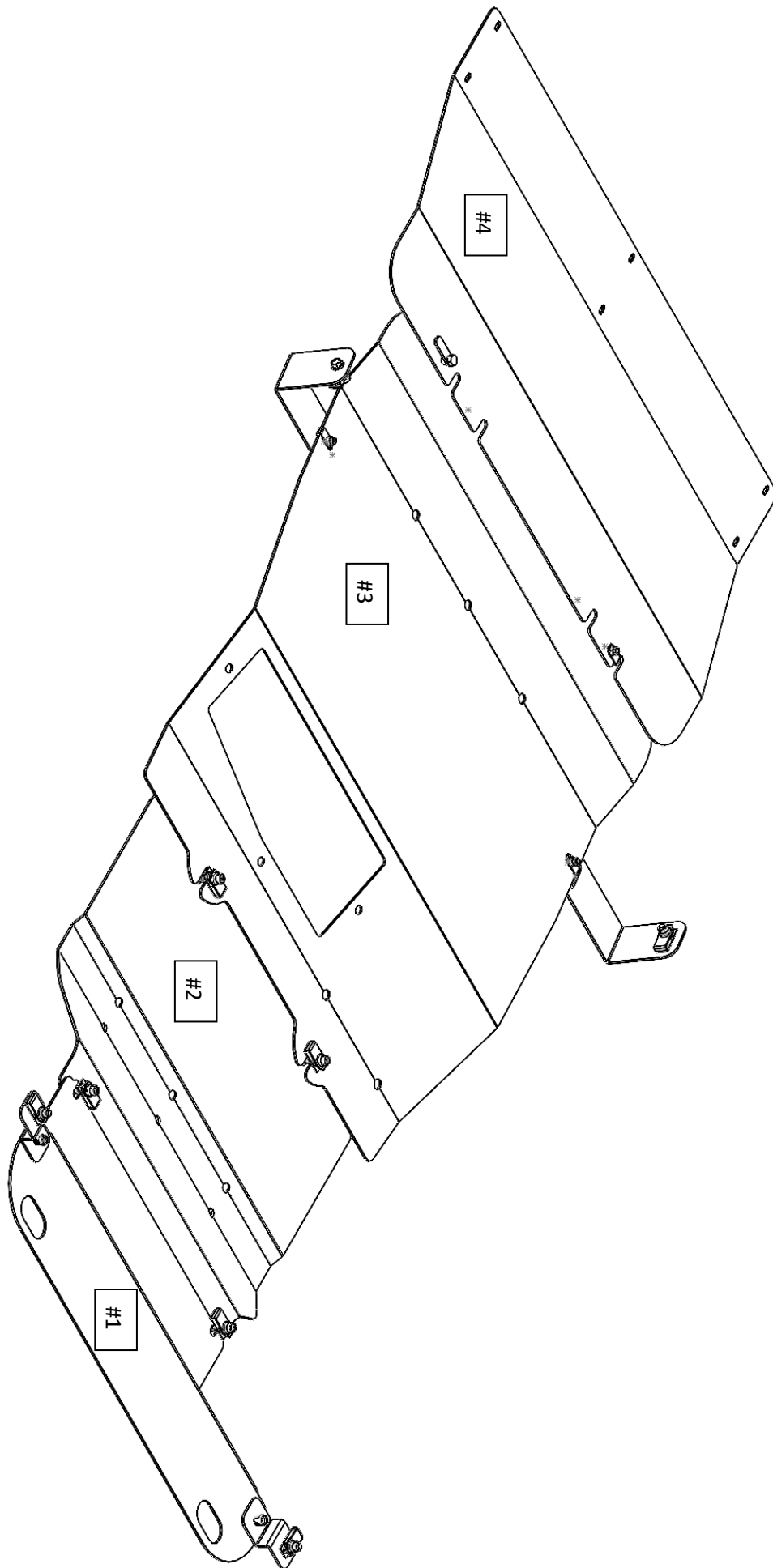


## **2.7L, 3.5L ECOBOOST & 3.3L NATURALLY ASPIRATED:**

1. Before you install your ford f-150 three pieces skid plate, see the diagram and parts list for all necessary parts. Start on the middle skid plate.
2. Remove the factory skid plates: by removing all 3/8" factory bolts, two on the front cross member (bolts #3 & 4 in picture 1A), two on the middle cross member (bolts #6 & 7 in picture 3) and two on the side support brackets in pictures 1B. Save all the fasteners for later use.
3. Loosely install the middle skid plate to the front and middle cross members with the factory 3/8" spring nuts and 3/8" bolts. Make sure you allow enough room for the front and rear skid plates to slide in between the cross members and the middle skid plate, see diagram #1.
4. Remove two factory bolts #1 & #2 in picture 1A.
5. Install the two z brackets with the previously removed factory bolts in step #4 back to the factory 3/8" spring nuts, see diagram #2 for the orientation of the z brackets.
6. Install the front skid plate: by sliding the rear end of the front skid plate in between the front cross member and the front end of the middle skid plate then fasten the other end of the skid plate on the previously installed z brackets in step #5 with two 3/8" flat washers, two 3/8" lock washers & two 3/8" x 1" capscrews, see diagram #1 & 2.
7. Install the t-bolt in the slotted hole #9 on the passenger side of the rear cross member and the 5/16" spring nut in the square hole on #8 the driver side of the rear cross member, see picture 3 & diagram #1 & 2.
8. Install the rear skid plate: by sliding the front end of the rear skid plate in between the middle cross member and the rear end of the middle skid plate then fasten the other end of the skid plate to the previously installed t-bolt and 5/16" spring nut in step #7 with 3/8" flat washer, 3/8" lock washer and 3/8" hex nut on the t-bolt and 5/16" flat washer, 5/16" lock washer and 5/16" x 1" capscrew on the 5/16" spring nut, see diagram #1 & 2.
9. Install a 5/16" spring nut in the slotted hole of the rear skid plate (one on the driver side & one on the passenger side), see diagram #2.
10. Install the side support bracket, on the round hole side with the factory bolt and spring nut, see picture 1B and the other end of the bracket with 5/16" flat washer, 5/16" lock washer & 5/16" x 1" capscrew to the previously installed 5/16" spring nut in step #9. Repeat the same procedure on the opposite end, see diagram #2.
11. All the loose fasteners in step #3 can now be tightened.







THREE PIECE SKID PLATE SYSTEM WITH OPTIONAL TRANSFER CASE SKID PLATE