



2012-2018 Focus ST Aluminum Skid Plate

Installation Instructions

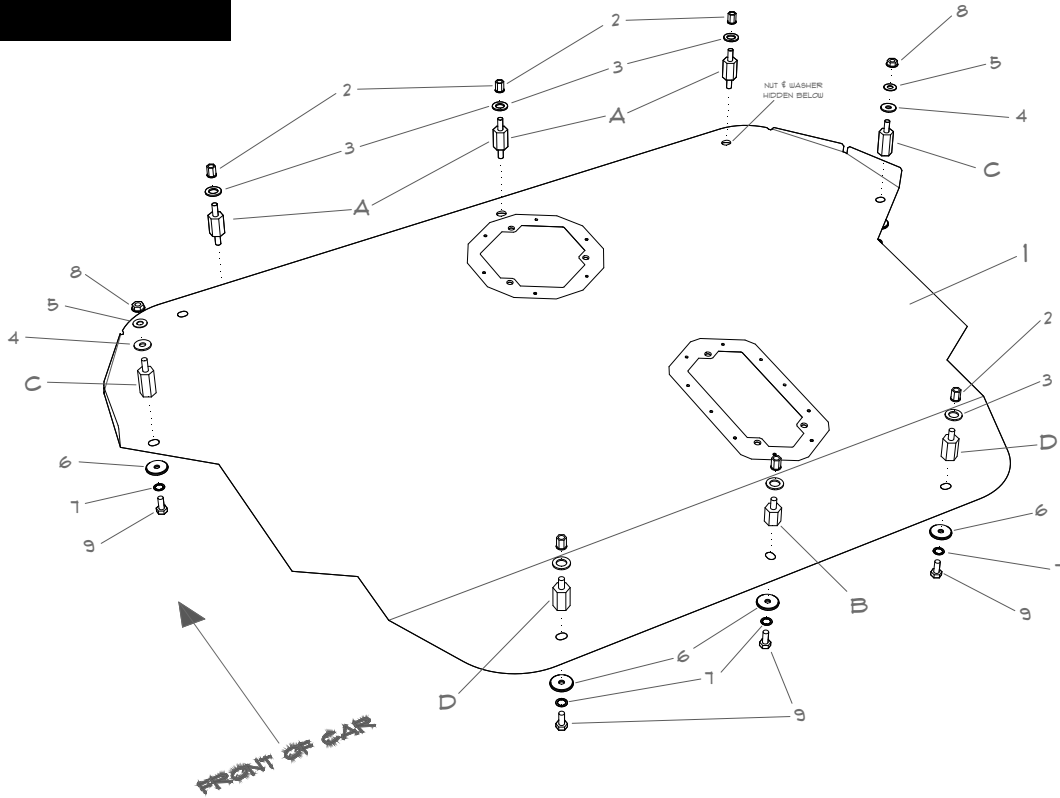


FIGURE 1 - SKID PLATE INSTALLATION PARTS DIAGRAM

Part	Description	Quantity
1	FoST Skid Plate Assembly	1
2	1/4-20 Rivet Nut	8 (2 extra provided)
A	1" Male-Male Standoff (Fastener A)	3
B	.75" Male-Female Standoff (Fastener B)	1
C	1.25" Male-Female Standoff (Fastener C)	2
D	1" Male-Female Standoff (Fastener D)	2
3	Wide Rivet Nut Washer (7/16" I.D., 3/4" O.D.)	6
4	Fender Washer (5/16 I.D., 3/4" O.D.)	2
5	Flat Washer (5/16" I.D., 5/8" O.D.)	2
6	Neoprene Bonded Washer	8
7	Lock Washer	5
8	Flanged Nylon Lock Nut	3
9	5/8" Hex Bolt	5

TOOLS NEEDED

Required Tools	Suggested Tools
T30 Torx driver	Ratchet wrench with 7/16" socket
Rivet-nut installation tool with 1/4" mandrel	*Low-strength thread locker
Small flathead screwdriver	
7/16" wrench	
5/8" wrench	
*We suggest using a small amount of low strength thread locker on all threads that attach to the rivet nuts (optional).	

INSTALLATION PROCEDURE

Please read entire installation procedure before you begin.

Always wear safety glasses and appropriate protective equipment when performing these tasks

1. **Remove the OEM engine splash guard/belly pan** using T30 Torx driver. Then, using a small flathead screwdriver, **remove the OEM fasteners** from the subframe and the radiator support. It is only necessary to remove the OEM fasteners from the locations specified in Figure 2.

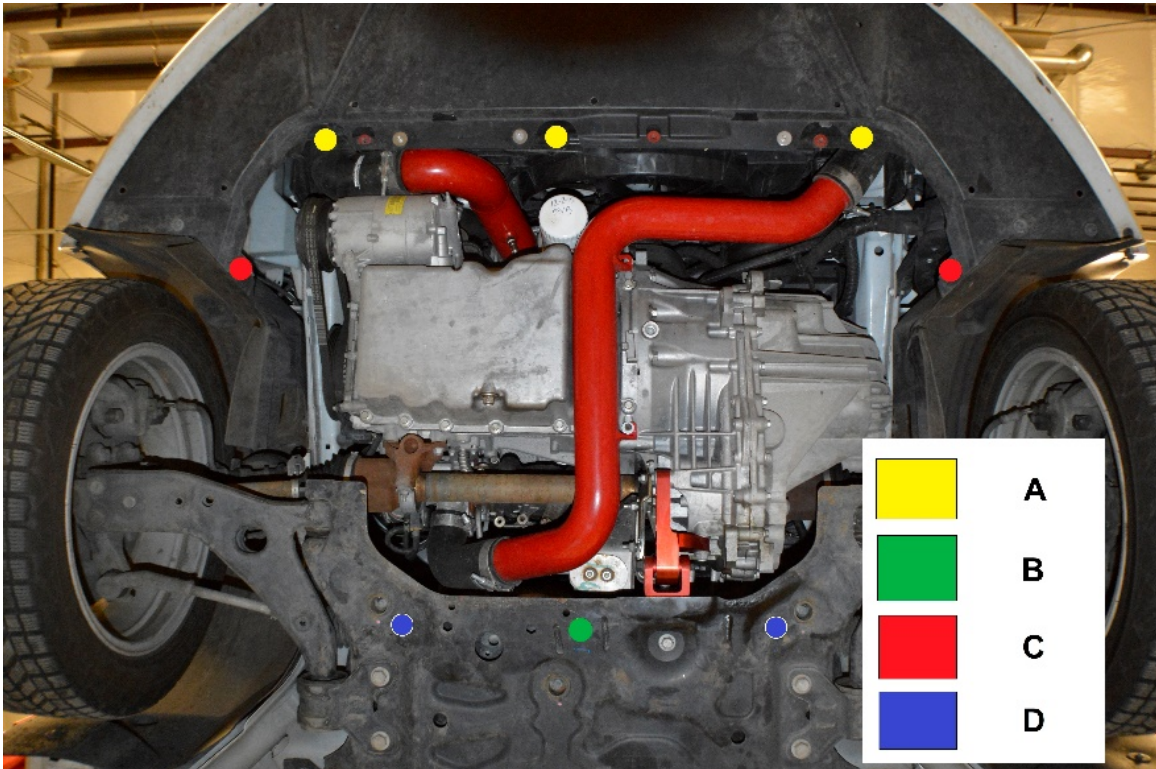


FIGURE 2 - FASTENER LOCATIONS

2. **Install provided rivet nuts** into the holes marked **A, B, & D** in Figure 1. Try to keep them centered in the rectangular holes. This can be done with any rivet nut install tool capable of setting rivet nuts with 1/4-20 threads.
3. **Install Fastener A standoffs-** Using the wide rivet nut washer, center it over a rivet nut in position **A** (yellow) from Figure 2. Thread one end of **Fastener A** into the rivet nut, ensuring the washer doesn't rest on the rivet nut. See Figure 3 for example. Repeat this for all rivet nuts in position A.
4. **Install Fastener B standoff-** Thread the **Fastener B** into the rivet nut in the center of the subframe, position B (green) from Figure 2, using the same wide rivet nut washer as in Figure 3.
5. **Install Fastener D standoffs-** Thread the two **Fastener D** standoffs into the two outside rivet nuts in the subframe, position **C** (blue) in Figure 2, using the same wide rivet nut washer in Figure 3.
6. **Install Fastener C standoffs-** Slide a large fender washer (3/4" O.D.) onto the male end of **Fastener C**, then insert into the now-empty hole on the fender liner, position C (red). Place a small washer (5/8" O.D) and a lock nut on top. Tighten the lock nut with a 7/16" wrench while holding the standoff with a 5/8" wrench. Repeat for opposite side.
7. **Tighten all standoffs** with a 5/8" wrench.
8. **Install Skid Plate-** Place skid plate over the front 3 studs. Slide bonded washers over the studs (this should hold the plate up on its own to make installation easier), followed by the flanged nylon lock nuts. Use the 5/8" bolts with the supplied bonded washers and lock washers on the back 3 standoffs. Then, install the two 5/8" bolts into the Fastener C locations (the fender liners may need to move slightly to line up perfectly).
9. When all of the fasteners are in place, **tighten the nuts and bolts** with a 7/16" wrench or socket, ensuring not to over-torque. The rubber on the bonded washers will slightly bulge out.
10. **Enjoy your new skid plate and the added protection!!**



FIGURE 3 - WASHER POSITIONING FOR LOCATION A, B & D

Thank you for choosing ADF Customs! We appreciate your business. Should you have any questions, issues or feedback, please email us at: info@adfcustoms.com

If you are happy with your ADF Customs product and customer experience, please leave a review or share online via your favorite forum, Facebook or Instagram.