



## 2016-2018 Focus RS Front Bumper Skidplate

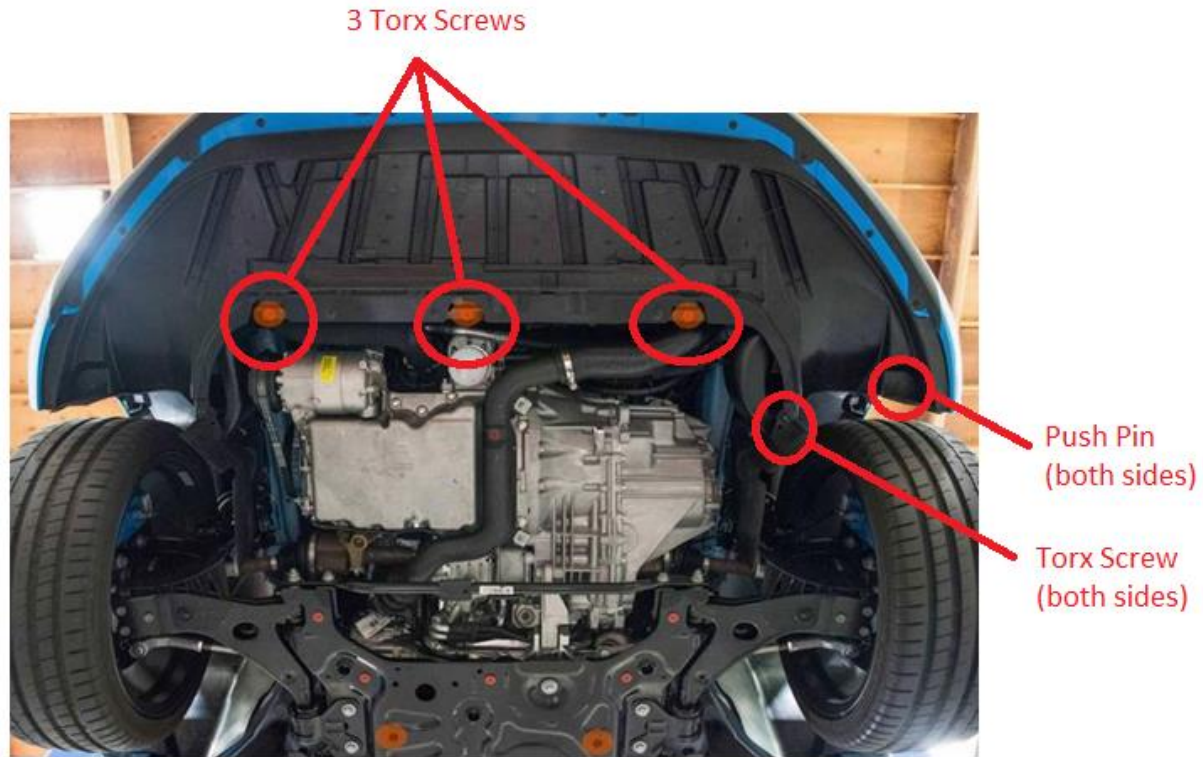
### Contents:

- Center plate
- Left and Right outer plates with welded on flange
- Spacer plates for the chassis mount to outside plates
- Rally Lip if ordered as removeable
- Chassis mount plate with dimpled holes
- Left and right chassis mount to crash beam supports (J shape with slotted holes)
- Left and Right outer plate to fender mount supports (long bent pieces)
- 27 bolts (1/4"-20 thread)
- 33 flat washers 1/4"
- 6 lock washers 1/4"
- 6 nuts (1/4"-20 thread)
- 21 extruded u-nuts (1/4"-20 thread)
- 4 bolts nuts and washers (3/8" standard)

### If Bumper side protectors are ordered:

- Left and right, side protectors

After removing the contents of the package, it is best to put together the main sections of the skid plate with the 3/8" bolts that are included. Line the outside plate holes up with the holes in the center section, use the provided 3/8" bolts to connect the plates making sure the center plate is on top of the outsides. Line up the front edge and use a 9/16" wrench to get them tight. Attach the Chassis mount to the skid plate next through the 5 holes along the bottom side of the skid plate, use one flat washer with a 1/4" bolt, use a 3/8" wrench or socket to tighten these bolts (the spacer plates will be in between the chassis mount and the outside plates like in the pictures below). At this point the chassis mount and skid plate should be tight together, you can attach the bumper uprights loosely using four 1/4" bolts with two washers, lock washer and nut to the chassis mount until the bumper is removed.



Remove the bumper using the following tools, T30 torx bit, body clip puller or flat head screwdriver, small flat head for electrical clips. Check guides on how to remove the bumper as there are many small parts and clips you may not want to lose.



#### Tips:

- Make sure you don't forget to remove the pushpins that join the bumper cover and fenders where they meet each other inside the wheel well.
- Also don't forget the torx screw that's hidden a few inches below that pushpin.
- There is only one connector to disconnect, located on the LH side near the foglight connection. It disconnects the whole bumper harness. Don't pull the bumper cover too far if you haven't disconnected the harness yet. I thought I only needed to disconnect the fogs and that last connector surprised me.
- Cover your fender near the bumper joint with masking tape to avoid damage. You might be putting the bumper back in position temporarily a few times during skidplate height adjustment step and this should help protect the fender from any damage.

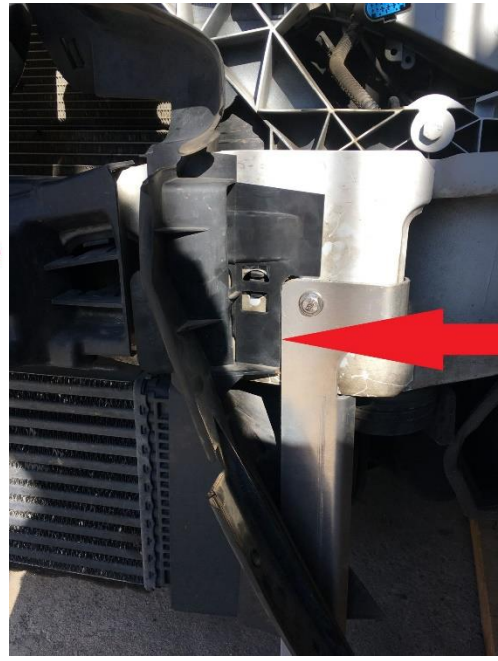
Once you have removed the bumper, there are some shrouds that are in the way of the mounting points on the bumper. The outer shroud will need to be unclipped then trimmed to fit around the mounting bracket (refer to pictures 3 and 4). Once the shroud is out of the way, you can put the mounting brackets up to the bumper, feed a ¼" bolt with washer through the mounting hole and through the crash beam hole to the outside (Picture 4). You can reach through to get another washer, lock washer and nut to the back side. Once both sides are on you can tighten up the bolts using a 3/8" wrench on the head of the bolt and a 7/16" wrench on the nut. If the mount isn't sitting flush you may need to tap it on with a hammer as they are a tight fit. Finish cutting your shroud and move to the back of the skid plate to get the three mounts on the rad support in place. Place three extruded u-nuts in place of the stock mounts and thread in a ¼" bolt with washer into the three mounting locations (refer to picture 1 - 3 torx screws). The next two mounts are located at the lower fender bolt to the outer plate slot. Use a 10mm bolt to remove the fender bolt and place the long support so that the bent section at the bottom is facing inwards (refer to picture 5 and 6). There is a left and right for these. The lower mount will have a bolt go through both the fender liner and the skid plate into an extruded u-nut on the support. Next attach two extruded u-nuts to the outer flanges of the skid plate so the bolt can be installed from inside the wheel well. Now you can put your bumper back on to verify the height of the skid plate is proper. Use a jack stand, jack or something sturdy to hold the skid plate in place while you tighten up the chassis mount bolts, once that is done you can reattach the bumper. Attach the outside flanges with two ¼" bolts and washers to the u-nuts you installed. If you have the removable lip you can attach it to the front three u-nuts that are installed using three ¼" bolts and washers.

To attach the Side protection plates there are two u-nuts on the outside flanges, line up the plates and use one ¼" bolt and washer in each hole.



Torx Screw

Pinch tabs here



Trim deflector  
around front  
support





Bumper mount



Bolt Position and plate position

## Spacer Plate position



Trim guide



Trim outboard gusset flush with splash guard surfaces

Align hole in splash guard with skidplate flange hole before tightening side support lower bolt