



Product Instructions

2017-2022 Ford F250/350 Gas- Engine/Transmission skid plate kit

Product Overview

The skid plate install consists of 3 main pieces- The front mount, rear mount and the large center section. The front and rear sections will stay permanently installed whereas the center section can be easily removed during services and cleaning as needed. The front and rear sections will be loosely installed first and then the center section. After all parts are installed you will align all parts and then fully tighten.

Tool list-

- 7/32 Allen key
- T45H torx key- for tamper proof hardware option only- Included with kit
- Ratchet or bit driver
- 9/16 open end wrench
- Anti-seize compound



Step 1: Lay out hardware as shown

The three large spacers (shown in black here) along with three bolts, nuts, and washers are for the front mount.

The Group of 4 bolts, nuts, washers are for the rear mount

The remaining bolts are used for the center section.



IMPORTANT!

This kit includes stainless steel hardware, an **anti-seize compound must be used** to prevent galling of threads upon install. If this is not used the nuts and bolts will seize together and will then need to be cut off!

This compound will be a common item in an install shop, If you are

installing yourself, anti-seize can be purchased from and auto parts or hardware store.



Step 2: Install front mount

Install bolts through the front mount and slide spacers over the bolts as shown.



As an assembly install the front mount onto the engine crossmember by sliding the bolts through the factory holes. Install washers and nuts and snug up but do not fully tighten, you will come back at the end and fully tighten everything once it is totally assembled- This allows the skid plate to align itself.



Step 3: Install rear mount

The rear mount installs to the transmission crossmember.

Your truck may or may not have a factory transfer case skid plate. This will be located on the driver side of this crossmember. (The truck show does not have a factory transfer case skid so you will need to use

the provided hardware)

If this factory skid plate is present, start by loosening the two bolt and slide the rear mount **UNDER** the factory transfer case skid and snug the bolts up to hold the rear mount in place.

Install The remaining hardware- Bolts go from the bottom up and nuts and washers will be inside the crossmember. It can be tricky to get the washers and nuts in on the outside holes of the crossmember. I have found that taping the nut and washer to the open end of a wrench works fairly well.





Step 4: Install Center section

Set the Main skid in position, install all bolts and snug up.

The center section sits on top of the front mount and on the bottom side of the rear mount as shown.

Step 5: Fully tighten all hardware and adjustment

Now that all the pieces are installed it's time to go back and fully tighten everything in the same order you installed it. Start with the front mount, then move to the rear mount. The rear mount has quite a bit of adjustment built in and may need to be squared up to the center section before fully tightening, the bolts in the center section should be able to thread in and out freely during removal for service etc, if not more adjustment may be necessary. finally go back and fully tighten the center section bolts.

That's it, the install is done! For removal to service the truck you only need to remove the 7 bolts on the center section and drop the skid down for complete access.

Thank you for purchasing our products, please contact us with any questions!

