

ROUGH COUNTRY

SUSPENSION SYSTEMS®

FORD F-150 2018 Front Bumper

Thank you for choosing Rough Country for all your vehicle needs.

Please read instructions before beginning installation. Check the kit hardware against the kit contents shown below. Be sure you have all needed parts and know where they go.

If question exist, please call us @1-800-222-7023. We will be happy to answer any questions concerning this product.

Check all fasteners for proper torque. Check to ensure for adequate clearance between all components.

Periodically check all hardware for tightness.

KIT CONTENTS:

Front Bumper x1
 2" LED Cubes x4
 Dual Row 20" LED x1
 2 Into 1 Wiring Harnesses x2
 Radar Relocation Bracket x1

HARDWARE INCLUDED:

2-8mm x 25mm Bolt
 2-8mm x 16mm Bolt
 4-8mm Lock Washer
 2-8mm Lock Nut
 6-8mm Flat Washer
 6-10mm x 35mm Bolt
 6-10mm Lock Washer
 12-10mm Flat Washer
 6-10mm Nut
 3-6mm x 20mm Bolt
 6-6mm Flat Washer
 3-6mm Lock Nut
 2-12mm x 35mm Bolt
 2-12mm Lock Nut
 4-12mm Flat Washer

TOOLS NEEDED:

21mm Socket / Wrench



Torque Specs:

Size	Grade 5	Grade 8	Size	Class 8.8	Class 10.9
5/16"	15 ft/lbs	20ft/lbs	6MM	5ft/lbs	9ft/lbs
3/8"	30 ft/lbs	35ft/lbs	8MM	18ft/lbs	23ft/lbs
7/16"	45 ft/lbs	60ft/lbs	10MM	32ft/lbs	45ft/lbs
1/2"	65 ft/lbs	90ft/lbs	12MM	55ft/lbs	75ft/lbs
9/16"	95 ft/lbs	130ft/lbs	14MM	85ft/lbs	120ft/lbs
5/8"	135ft/lbs	175ft/lbs	16MM	130ft/lbs	165ft/lbs
3/4"	185ft/lbs	280ft/lbs	18MM	170ft/lbs	240ft/lbs

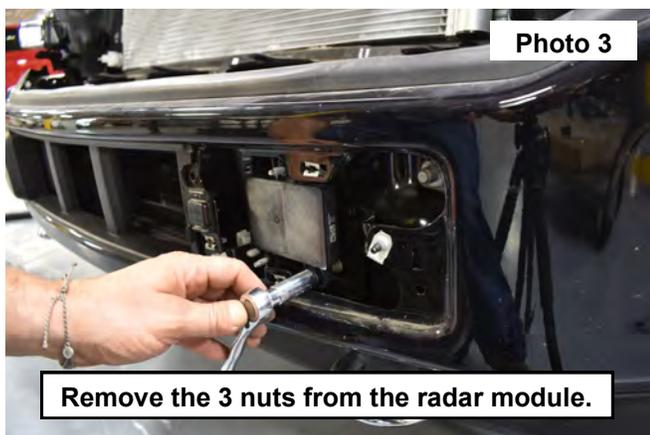


INSTALLATION INSTRUCTIONS

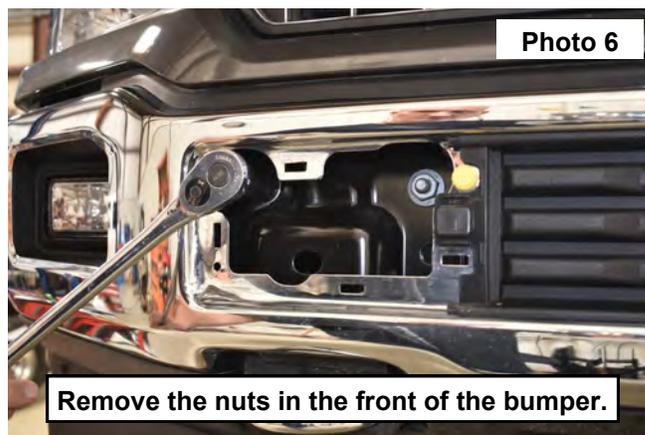
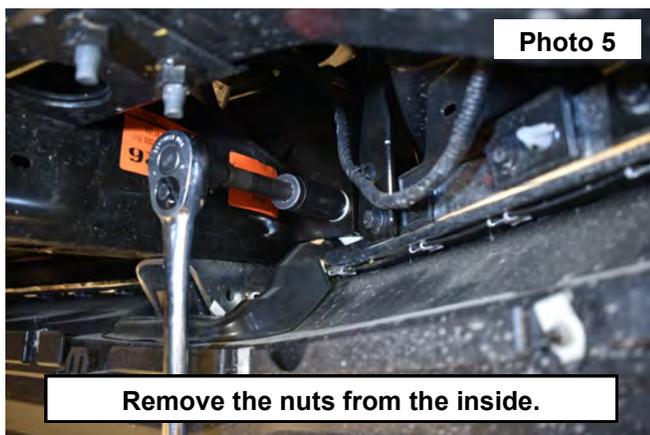
1. Place the vehicle in park.
2. Disconnect fog lights from each fog light and unplug the harness as shown. **See Photo 1.**
3. Remove the plastic covers from the bumper to access the mounting bolts. **See Photo 2.**



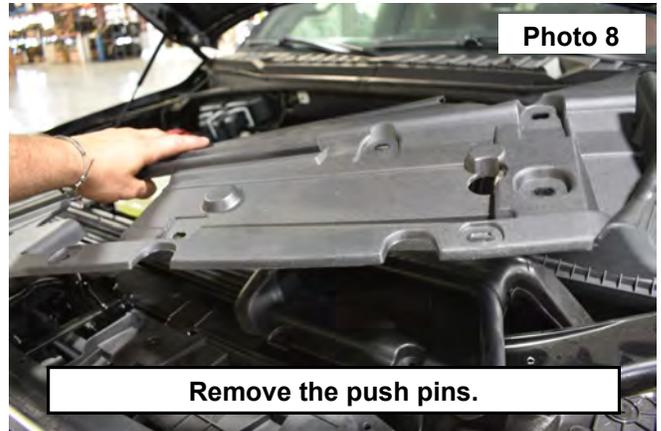
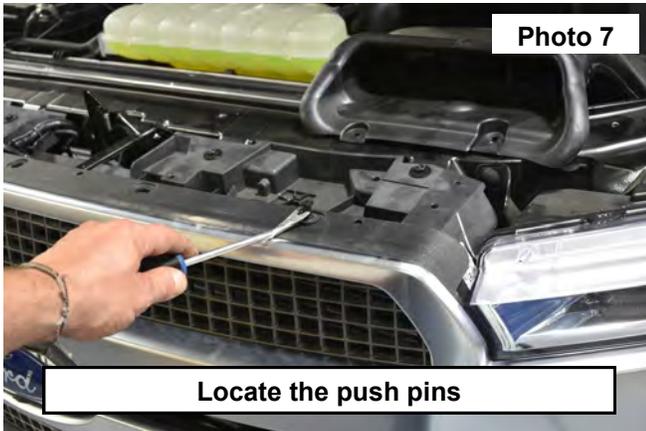
4. Remove the 3 nuts from the radar bumper mount using a 10mm socket. **See Photo 3.**
5. Remove the radar module from the 3 studs and disconnect the wiring plug. Set a side in a safe place for later use. **See Photo 4.**



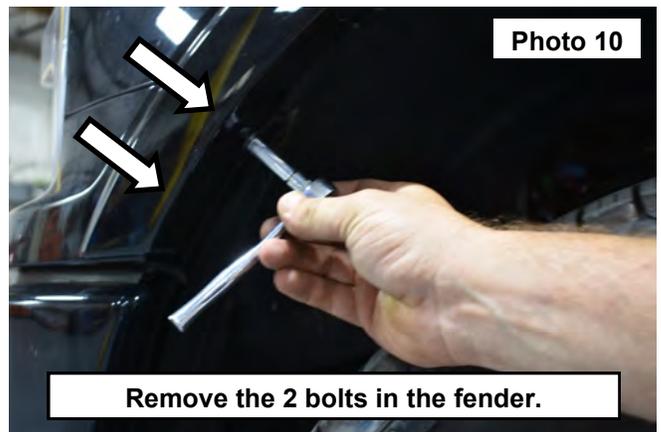
4. Remove the nut using a 18mm wrench as shown on both sides behind the bumper. **See Photo 5.**
5. Support the bumper. Then remove the nuts in the front of the bumper as shown using a 15mm wrench. **See Photo 6.**
6. Support the bumper do not get under the bumper with out support. Remove the bumper and set aside.



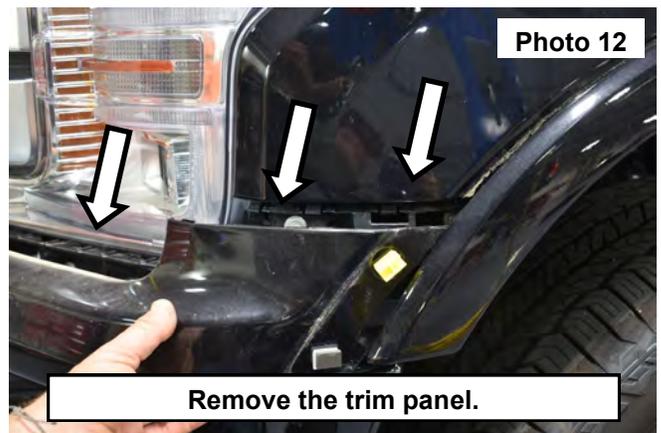
- Using a pry tool remove the push pins at the top of the grill cover. **See Photo 7.**
- Remove the grille cover. **See Photo 8.**



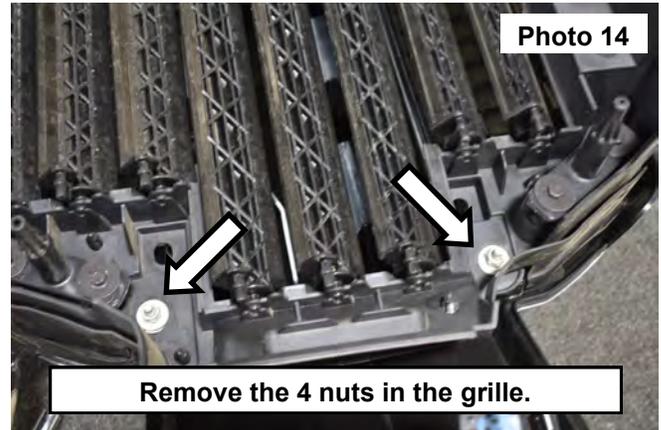
- Disconnect the wiring harnesses and the washer hose at the top of the grille. **See Photo 9.**
- Remove the (2) bolts in the edge of the fender trim using an 8mm socket. Carefully dislodge the front of the fender flair from the trim panel. Retain hardware. **See Photo 10.**



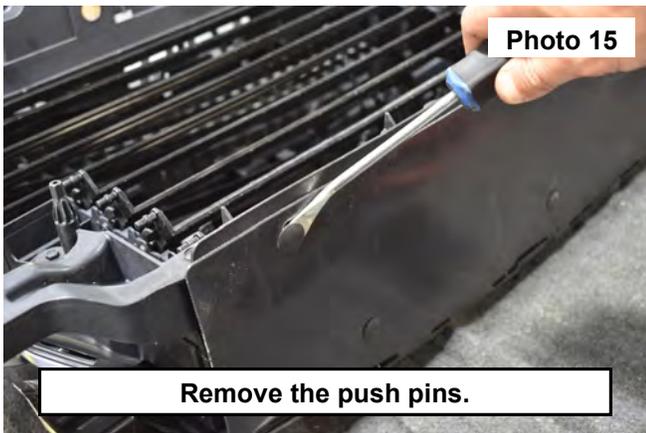
- Using a pry tool remove the push pin from the trim panel. **See Photo 11.**
- Using care not to damage the cover. Remove the trim panel, pulling out and down to release the clips from under the head light and the grille. **See Photo 12.**



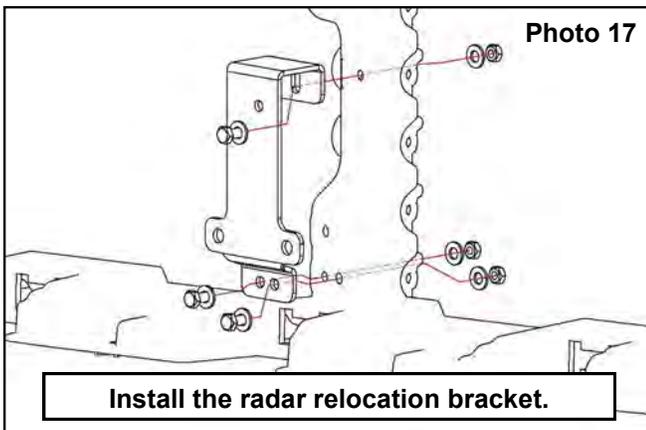
13. Remove the (4) bolts in the top of the grille. Retain hardware and remove the grille from the vehicle. **See Photo 13.**
14. Set the grille in a location to be worked on.
15. Remove the (2) nuts on each side of the grille securing the shutter system to the grille. **See Photo 14.** Retain hardware.



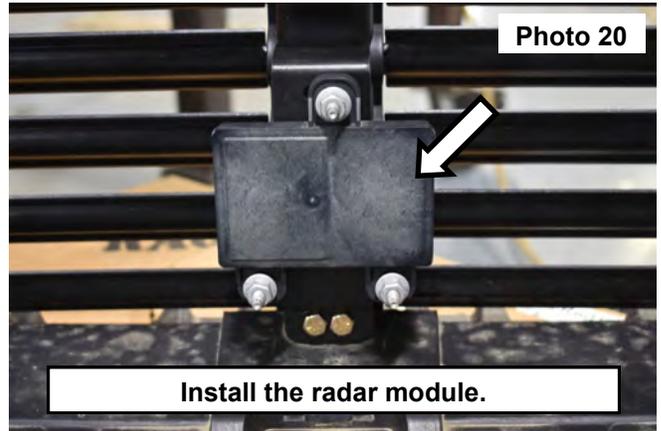
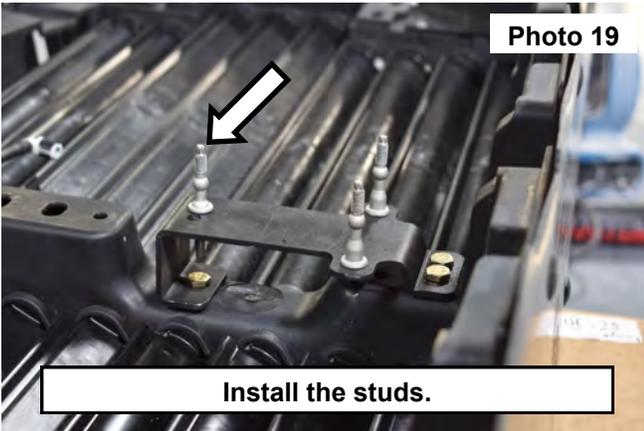
16. Remove the push pins securing the splash guard to the grille and the shutter system. **See Photo 15.**
17. Compress the clips behind the splash guard and release the shutter system from the grille. **See Photo 16.**



18. Locate and install the Radar Relocation bracket onto the shutter system. Use the (3) existing holes in the bottom of the system. Secure using (3) of the supplied 6mm-1 x 20mm hex head bolts, (6) 6mm flat washers and (3) 6mm-1 Nylock Nut. **See Photo 17.**
19. Remove the (3) studs in the front drivers side radar bracket using a torx bit. Retain studs. **See Photo 18.**



20. Install the studs into the into the relocation bracket using the torx bit. Do not fully tighten the top stud, this will be to set the angle of the radar module. **See Photo 19.**
21. Install the radar module onto the studs and secure using the (3) retained nuts. **See Photo 20.**
22. **NOTICE:** To insure proper function of the radar module, recalibration from your local dealership is required.



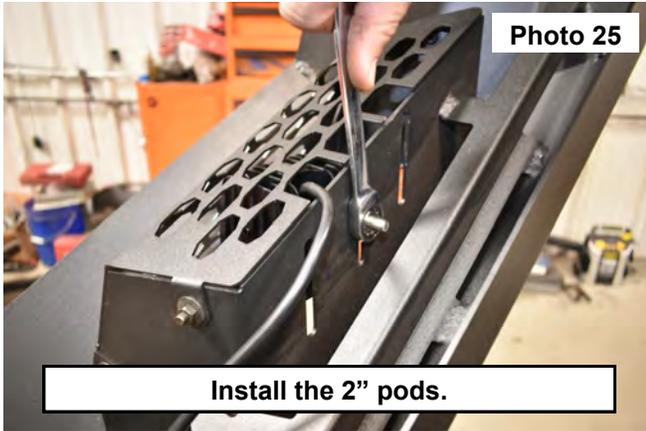
23. Connect the radar module to the vehicles wiring harness and then re-install the outer grille shell and install into the vehicle. **See Photos 21 and 22.**



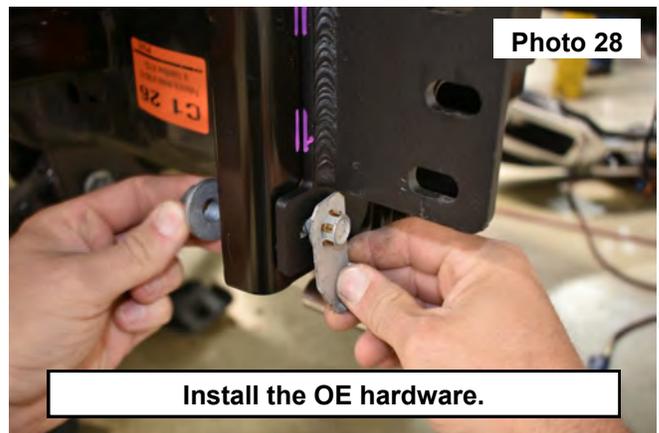
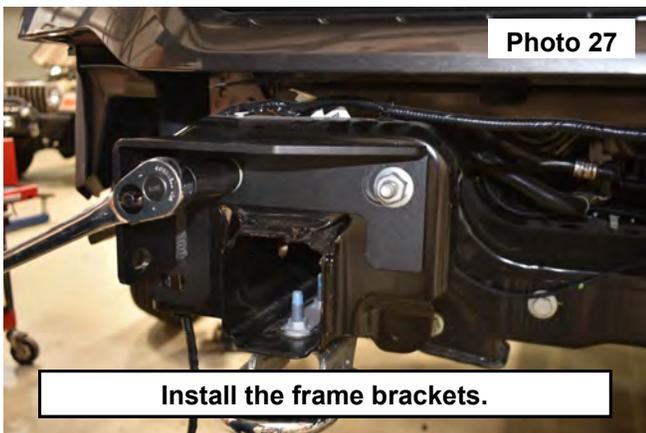
24. Install the grille cover and secure using the retained push pins. **See Photo 23.**
25. Install the LED light bar in the bumper with the supplied light brackets and 8mm bolts and hardware. **See Photo 24.**



26. Install the 2" pods as shown and tighten using a wrench. **See Photo 25.**
27. Cut the retainer washer from the stock bumper bolts as the stock bolts will be used for the new bumper. **See Photo 26.**



28. Install the frame brackets as shown in **Photo 27** with the factory hardware. Passenger side shown. Tighten with a 15mm wrench.
29. Install the stock bolt in the bracket as shown in **Photo 28**. Tighten using a 21mm wrench.



30. Install the supplied 10mm x 35mm bolts as shown to secure the bumper to the bumper brackets. Adjust bumper to center and tighten using a 16mm wrench. **See Photo 29.**
31. Connect the lights using the instructions in the light kits.
32. **NOTICE:** To insure proper function of the radar module, recalibration from your local dealership is required.



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