

# HOW TO INSTALL:

2019+

FORD RANGER  
RADAR RELOCATION BRACKET



CALI RAISED  
LED



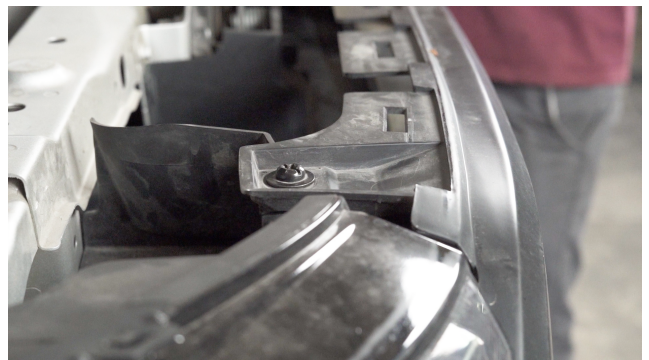
Make sure the truck is safe to work on  
Remove the 5 body clips that hold the front trim piece in place. Using a body panel removal tool or flat head screwdriver.



Remove the two 8mm bolts that hold the intake scoop in place.



Remove the 2 screws that hold the grill to the body.



Remove the 4 torques screws that hold the inner air deflector in place.

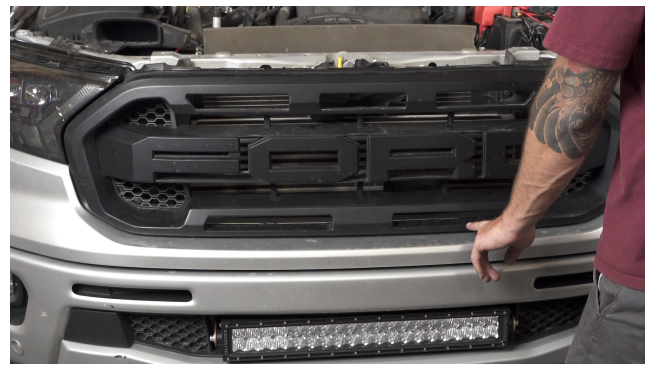




Remove the air deflector, push down on the front and lift the back while pulling it forward, it will slide down and then be able to be removed through the top.



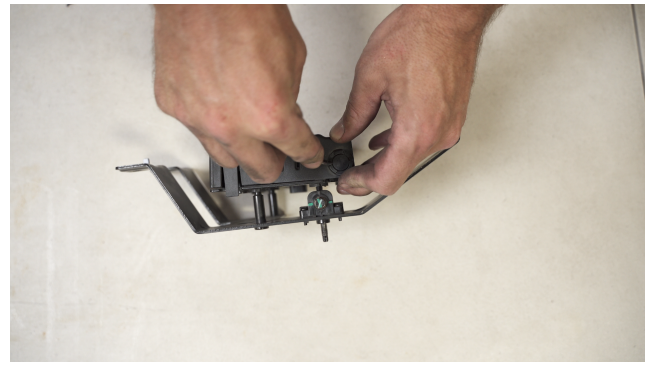
There are 5 clips that hold the bottom of the grill in place. Using a small screwdriver or tool, press the top of the clip down to get it to release. Start on one side of the grill and apply pressure forward away from the truck, then push in the clips one at a time to get them to release and eventually remove the grill. Be careful not to break the grill clips.



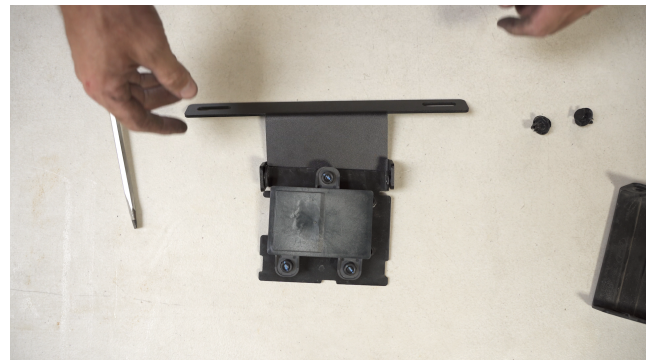
Remove the radar bracket. There is a bolt on the top and bottom, use an 8mm sockets. Then pull the bracket through the opening and remove the connected wire.



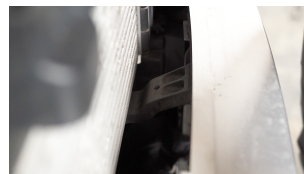
With the radar bracket on a table or work bench, put on its side and remove the black plastic clip holding the cover in place, do on both sides. Remove the cover  
Remove the radar from the factory mount. It is connected with 3 snap on balls, just pull away and the bracket will come loose one at a time.



Get your relocation bracket. Attach the radar to the bracket so the that the brackets on the radar and the relocation bracket are both pointed the same forward direction. Put a washer on your bolt, install the bolt, then put on a washer and nut. Tighten and repeat for both sides.



Grab a sharpie or marker. Put your radar and relocation bracket in place. It sets on top of the black support mounts for the front bumper. There are three mounts, this bracket attaches to the tow of them on the center and drivers side. Put the bracket in place, and mark the holes. Then with a pilot drill bit, drill the center. Then with a 5/16" drill bit, drill the hole. Do in both mounts.





Now you need to free up your radar wires. Then are connected to your bumper skin in a few places. Remove those clips so the wire can stretch to the new location.



Now install your radar to the truck. Grab an included bolt and install a washer. Then put a washer on the bottom, and finally the lock nut. Get the bolts on both sides, adjust your radar to the desired position and tighten the bolts.



Plug in the connector in the back, then follow Ford's radar leveling and locating procedures.

Once the radar is calibrated, install the air deflector, then grill and plastic cover by following the removal instructions backwards.

