

# Heavy Duty Rear Bumper

2017-2021 FORD RAPTOR (W/Wo Rear Parking Sensors)

# AL-RBM17FDN-KC

09/19/17

## Hardware Kit Includes:

- (1) 6 – Hex head nuts (M12-1.75) Grade 8.8
- (2) 6 – Lock washers (M12) Grade 8.8
- (3) 6 – Flat washers (M12) Grade 8.8
- (4) 6 – M12 Plastic push nuts

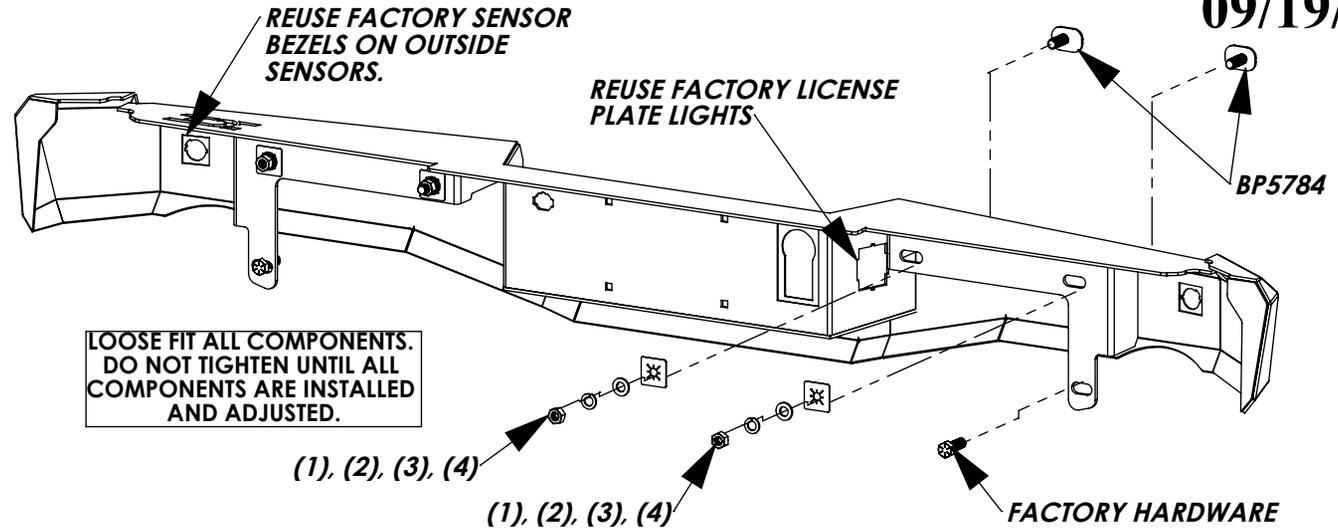
## Components List:

- 1 – Heavy Duty Bumper (RBM17FDN)
- 4 – Mounting T-Bolt (BP5784)
- 1 – Backup Sensor Plugs

## Not Included:

IF YOUR BUMPER HAS BACKUP SENSORS YOU WILL NEED TO GET THE FOLLOWING PARTS FROM A FORD PARTS DEALER:

- 1 – Right OE Sensor Bracket (FL3Z15K861AA)
- 1 – Left OE Sensor Bracket (FL3Z15K861AB)



## Step-by-Step Installation Instructions

1. Start by removing the license plate, spare tire lock, license plate lights, trailer plug, reverse sensors, sensor bezels and sensor harness from the OE bumper.
2. Remove the plastic top cover from the bumper by gently lifting up on one side and working your way towards the middle of the bumper. Do the same on the other side until the whole cover can be removed from the bumper.
3. Unbolt each bumper side panel by removing the 10 Torx bolts (5 per side) that hold each panel to the hitch/frame. Set side panels aside.
4. Before installing the Alumilite Rear Bumper you will need to cut off the trailer plug mounting plate from the receiver hitch. This part is no longer necessary as the trailer plug mounts directly to the Alumilite bumper. Cover the tailgate with a nonflammable protective blanket and use a cut off wheel to remove the OE trailer plug mount. Seal any bare metal surface left from the cut with paint.
5. Install the trailer plug into the Alumilite bumper, it may be necessary to pry the metal clips out on the backside of the bumper once the trailer plug is inserted into the bumper to prevent it from falling out.
6. Before installing Alumilite Bumper ensure T-Bolts (BP5784) fit properly into mounting holes. If holes on frame are too small drill them out to ½” and lightly spray paint area to prevent rusting.
7. With help, install the Alumilite bumper by setting it onto the truck and attaching it with the provided T-Bolts (BP5784) and 2 of the factory Torx bolts removed from the OE bumper.
8. If installing the reverse sensors into the Alumilite bumper, route the harness so it will not get pinched or fall down. The bezels are tapered and need to be installed into the bumper so the sensor is aimed more towards the ground, if a bezel is loose in the panel it may be necessary to use clear silicone to secure the bezel into the panel.
9. Install the license plate and license plate lights using the OE license plate lights.
10. Install the spare tire lock. Sometimes the spare tire lock will not install due to powder coat thickness. To remedy this, gently file the two tabs on the spare tire lock until it will easily install and lock into the bumper.
11. Enjoy your new Alumilite Bumper.

