

INSTALLATION INSTRUCTIONS

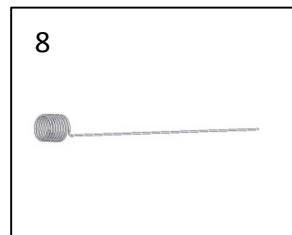
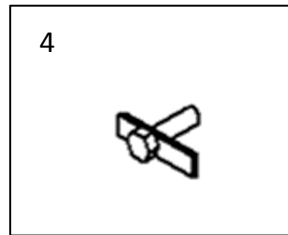
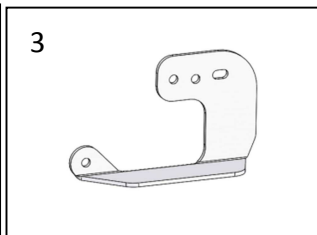
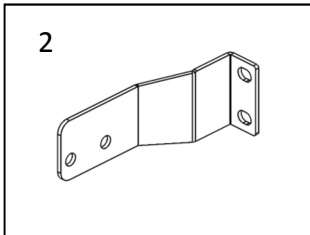
Ford Super Duty F-250, F-350, F-450

Euroguard

504395

PARTS LIST

Item	Qty.	Code	Description	Torque
1	1		Euroguard	
2	1 set	504394AA	Upper bracket	
3	1 set	504394BA	Lower bracket	
4	2 pcs		½" bolt tab	
5	6 pzas		½ x 1 ½" Hex head bolt	55 Lb./Ft.
6	12 pzas		1/2" Flat washer	
7	8 pzas		1/2" Lock washer	
8	8 pzas		1/2" Hex nut	55 Lb./Ft.
9	1 pc		½" Bolt guide	
10	4 pc		Vinyl gasket	



Tools required:

- A. 3/4" Socket / Wrench
- B. 18mm Socket / Wrench
- C. Ratchet
- D. Ratchet extension

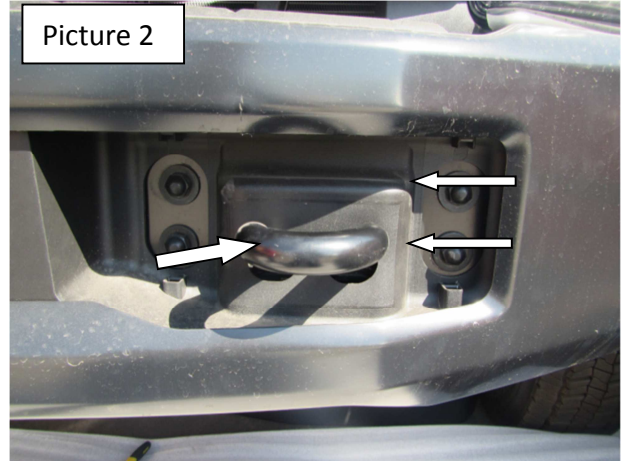
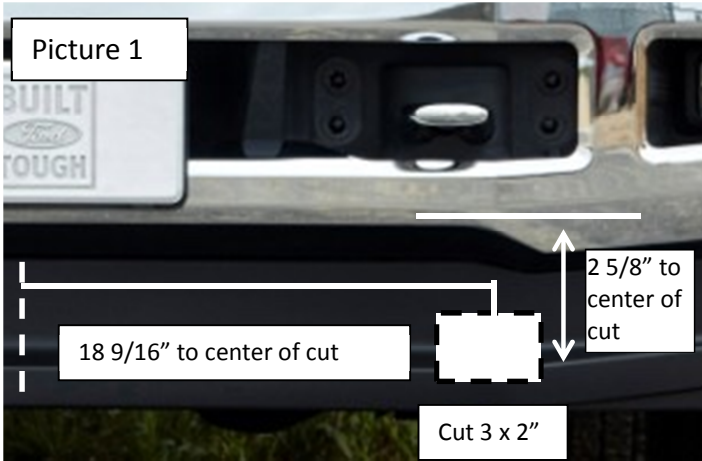
Before beginning the installation, please read all directions carefully and verify that all necessary hardware is accounted for. If any parts are missing, stop the installation and contact your distributor immediately.

To maintain and care this product keep it clean and do not use abrasive cleaners or polish waxes. We recommend to use only non-abrasive automotive wax such as pure carnauba to avoid scratches and rust. The approximate installation time is 90 min.

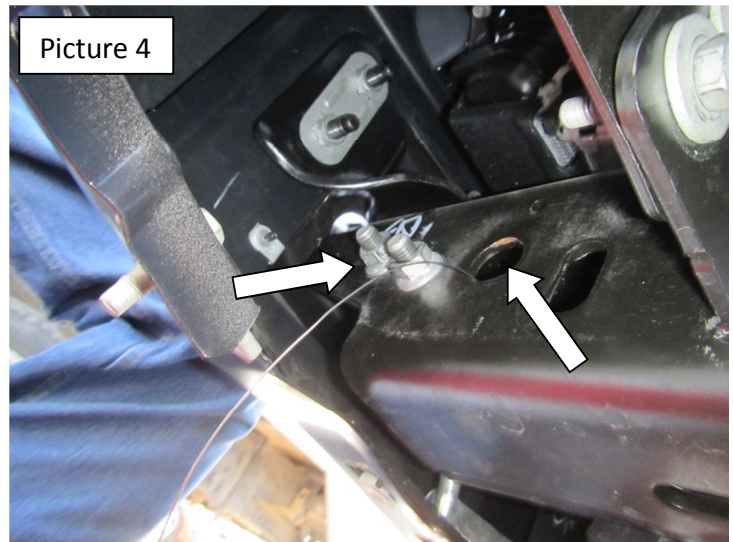
NOTE: This installation requires cut or removal the air dam.

1. Beginning with the driver side, measure from the center of the air dam 18 9/16" and down from the upper edge 2 5/8" and mark the center of the opening to be cut out. Use a utility knife and carefully cut out a 3" wide by 2" high section from the air dam. Picture 1. Repeat for the passenger side.

2. Remove the (2) outer bolts that attach the bumper to the front to the frame. Picture 2. Place the upper bracket using the existing bolts. Picture 3. Repeat for passenger side. Do not tighten yet.

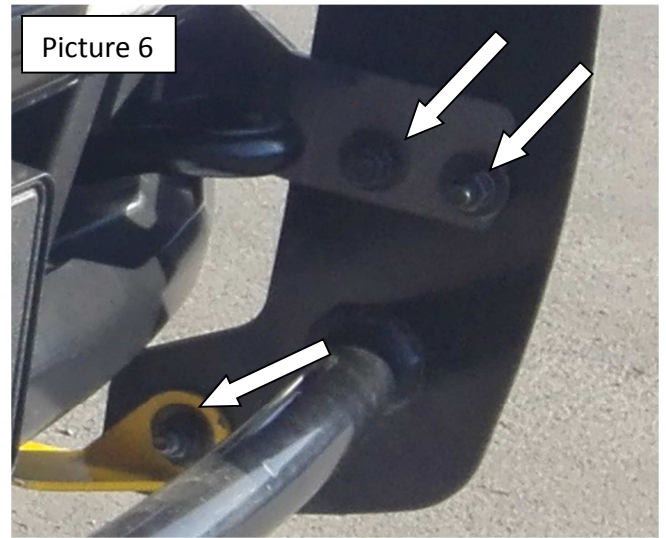
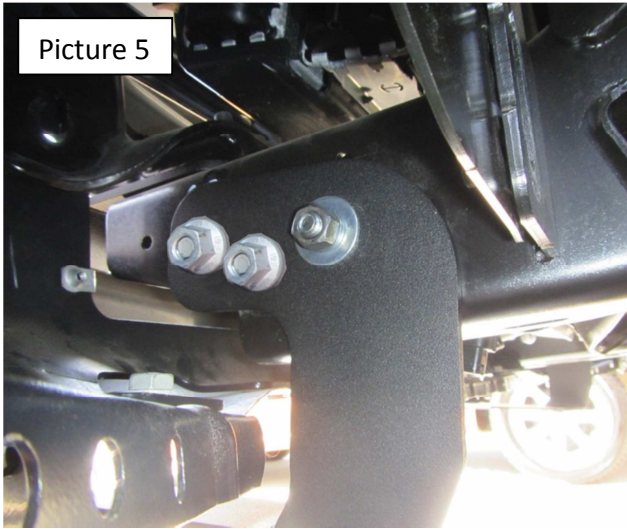


3. Locate the nuts in the outer side of the frame rail. Remove them. Picture 4. **NOTE:** It is important to place (1) vinyl gaskets to one of the bolts to prevent the bolt plate from falling into the frame rail. Position one of the 1/2" bolt plates inside the frame, threading it to the guide bolt. Introduce the tip of the guide into the frame rail. Pull out the guide bolt until the threads of the bolt extends out through the round hole. **NOTE:** It is important to place vinyl gaskets to the bolt plate to prevent the bolt plate from falling into the frame rail.



4. Attach the lower bracket to the side of the frame at bolt plate using 1/2" flat & lock washers and 1/2" hex nut, do not tighten. Attach to the existing bolts using the nuts removed. Picture 5. Repeat to install passenger side lower bracket. **NOTE:** The lower brackets must extend through the cut out opening made in the air dam.

5. Attach the Euroguard to the main brackets using (2) 1/2" X 2" hex bolts Black P., (4) 1/2" flat washers, (2) 1/2" lock washers and (2) 1/2" hex nut for each side. Do not tighten. Picture 6.



6. Attach the Euroguard to the lower brackets using (1) 1/2" X 1 1/2" hex bolts, (1) 1/2" flat and lock washers and (1) 1/2" hex nut by each side. Do not tighten. Picture 6.

7. Align the Euroguard with the front of vehicle and tighten all nuts and bolts.

