



BIG FRONT GRILL™

Installation Instructions

PETERBILT 579

BFG SKU

BFG-04



Important

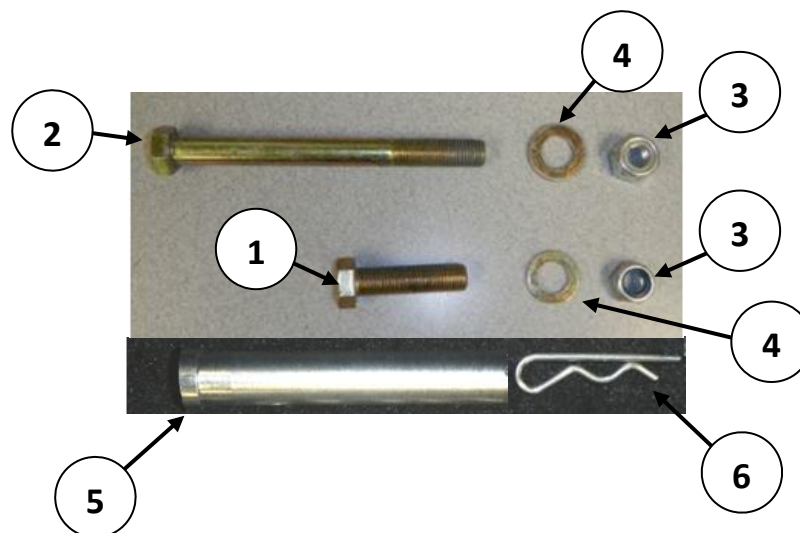
- A BFG Grille Guards are vehicle "Make & Model" specific. Use of a BFG on a vehicle other than on the model it was designed for will constitute improper use of the product and may void warranty.
- B Unless otherwise specified, Class 10.9 or Grade 8 hardware is to be used. For the purposes of these instructions, OE hardware means the truck's original factory hardware.
- C To help maintain the factory finish, avoid acid wash.
- D Ensure bolts of the BFG assembly are fully tightened to the value specified in the installation instruction.
- E At all times exercise safe work shop practices, wear steel toe boots and safety glasses during installation. Parts and components of the BFG assemblies can be heavy, handle with care to avoid injuries. Respect power tools and use them as advertized.

Tools Required

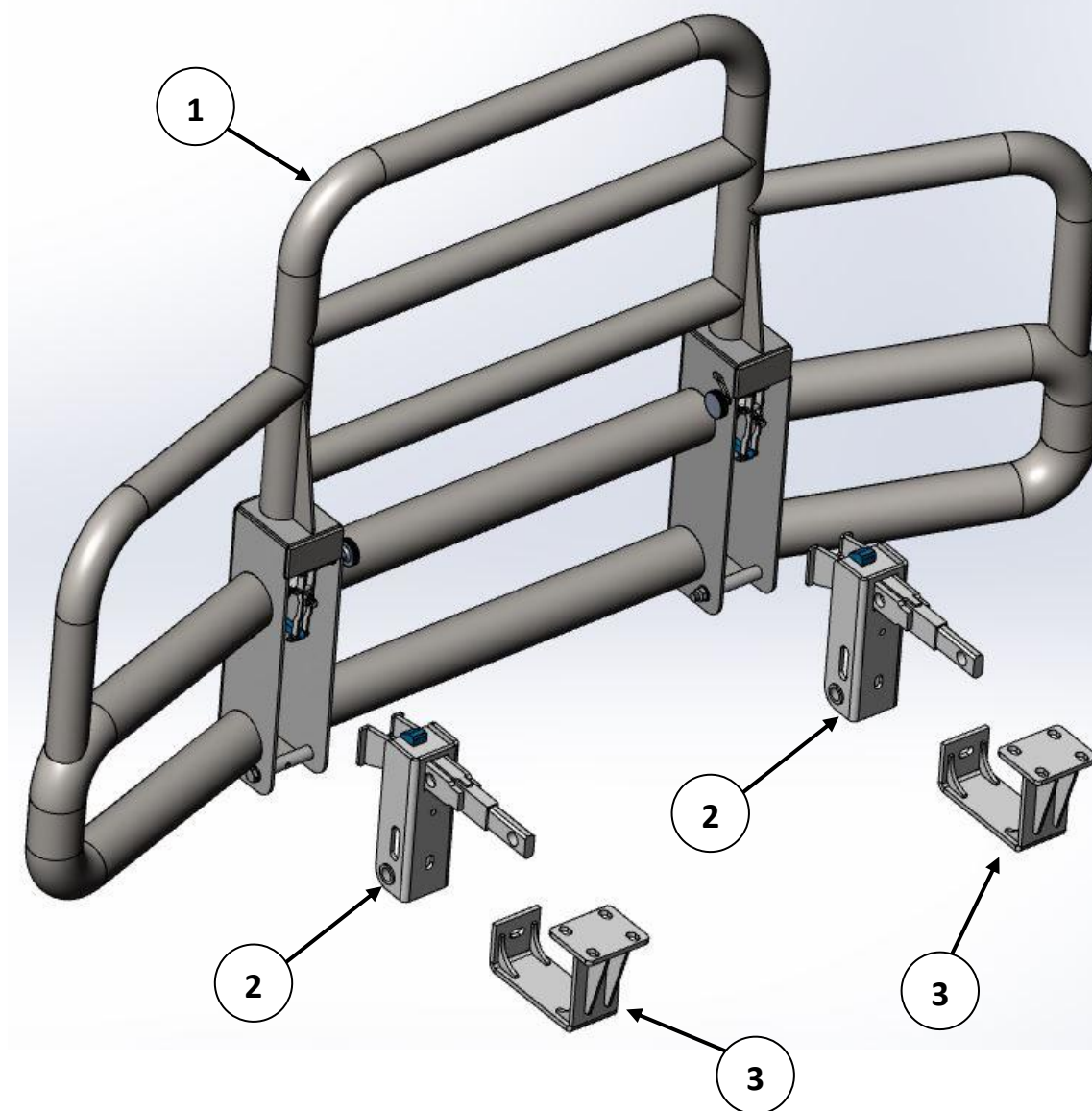
Tool	Spec
Ratchet	Impact gun recommended
Socket	18 mm, 24 mm
Wrench	18 mm, 24 mm
Reciprocating power saw / cutting tool	

Loose Hardware Included

Item	Description	QTY	Class	Length
1	HEXBOLT, M16X2X50	2	10.9	50 mm
2	HEXBOLT, M16X2X170	4	10.9	170 mm
3	HEXNUT, M16X2	2	NA	NA
4	FLATWASHER, M16	4	NA	NA
5	CLEVIS PIN - 25 X 70	2	NA	NA
6	HAIRPIN COTTER PIN - 3/16" DIA	2	NA	NA



Parts Referenced in this instruction



Item	Part # / Description	QTY
1	BFG-GR04 / GRILL	1
2	BFG-HN-04 / BFG HINGE BRACKET	2
3	MTK-02-01 / BFG SUBMOUNT	2

Installation Instructions

1. Remove factory bumper (Figure 1)
 - a. Open hood
 - b. Disconnect fog lights (if necessary)
 - c. Remove four bolts holding factory bumper (18 mm socket)
 - d. Close hood and pull factory bumper off the truck

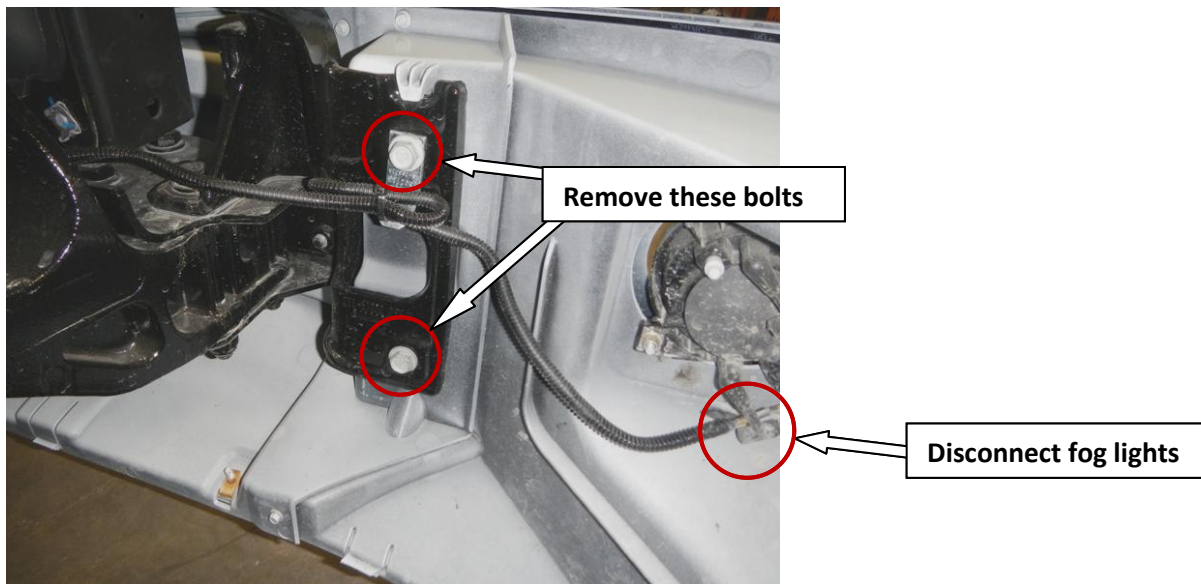


Figure 1 – Passenger side shown

2. To allow for the installation of the BFG submounts, cut two notches in the factory bumper as shown in Figure 2.

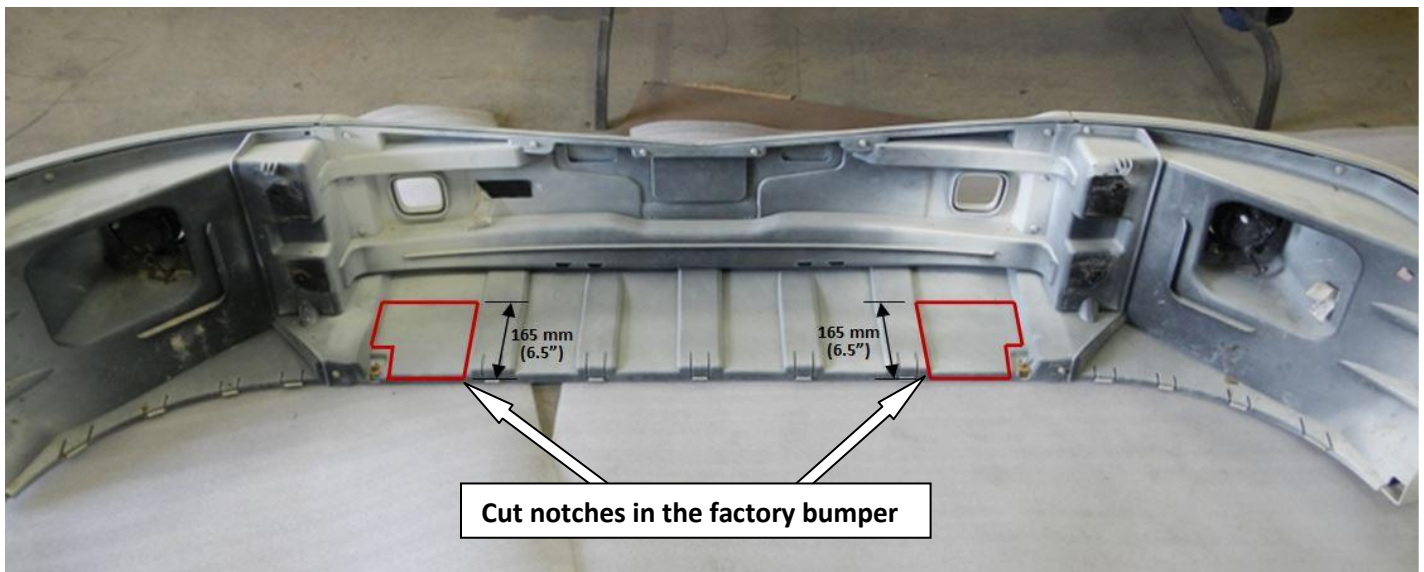


Figure 2

3. Remove 2 outside tow box bolts (24 mm socket and wrench) from both the passenger and the driver side (Figure 3 and 4) and replace the bolts with provided M16x2x170 bolts. Retain the OEM nuts and washers, OEM bolts will not be used again. Do not install nuts at this point.

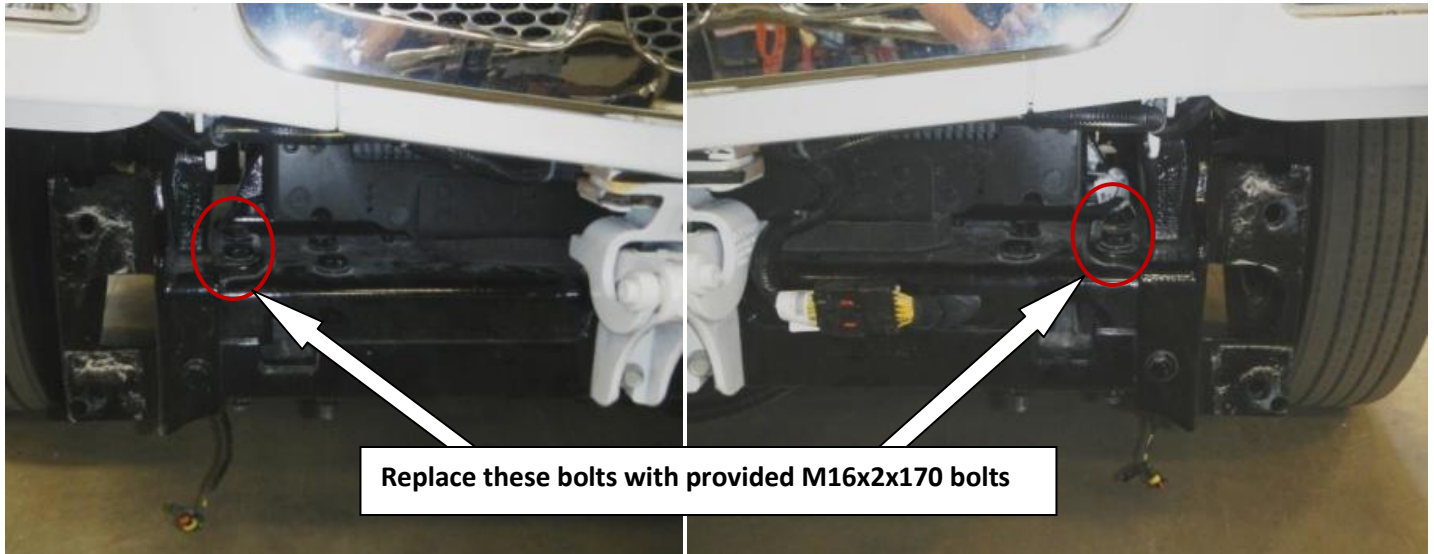


Figure 3 – Passenger side

Figure 4 – Driver side

4. Install the factory bumper back in place, use factory OEM hardware removed in step 1. Insert the BFG into factory tow receivers (Figure 5). Open the hood and lock BFG in place using factory provided tow pins as seen in Figure 6 (twist lock the tow pins as specified in the truck's manual).

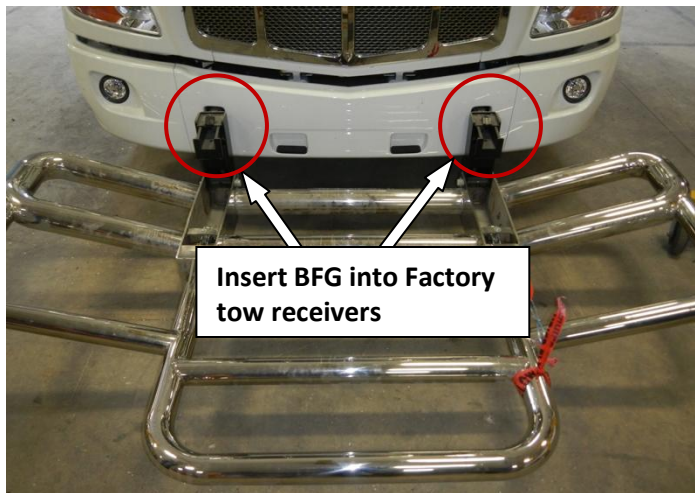


Figure 5 – Grill installation

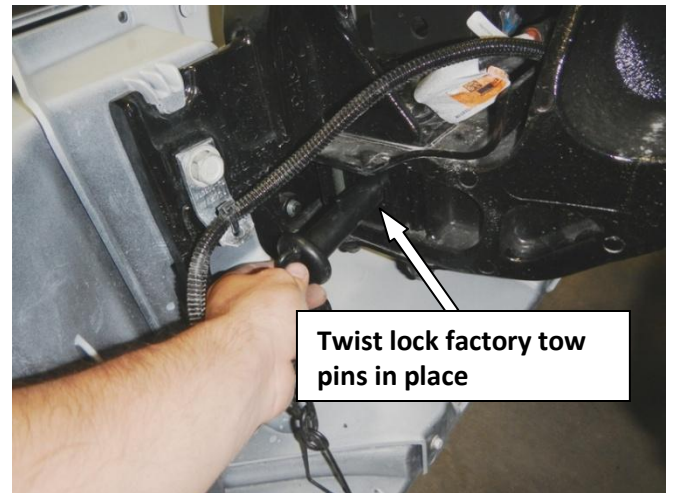


Figure 6

5. Install driver's side BFG submount (Figure 7)

- a. Remove remaining 2 tow box nuts (24 mm socket and wrench) from the driver's side. **Do not remove the nuts from the passenger's side.**
- b. From under the truck install the BFG submount, use OEM nuts and washers (24 mm wrench and socket).

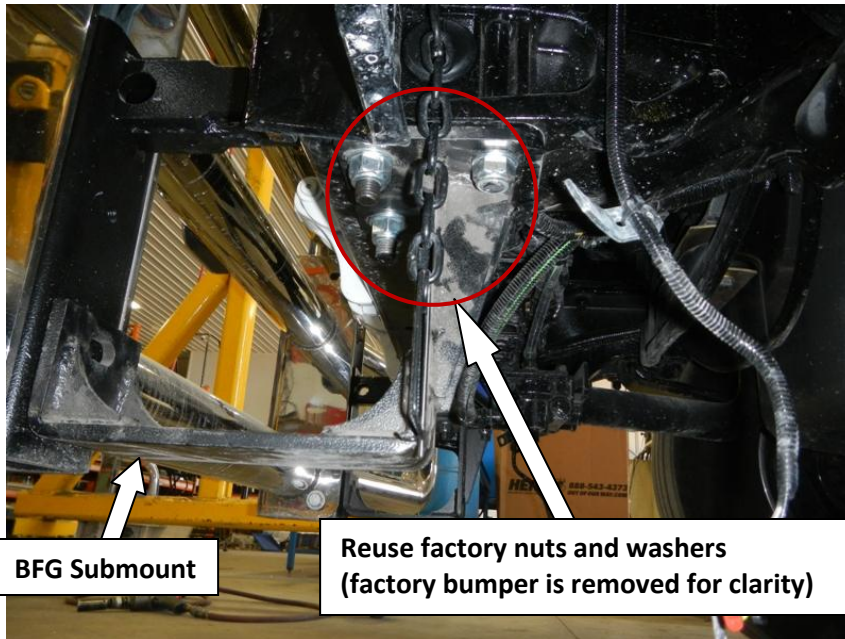


Figure 7 – BFG submount installation (Driver side)

6. Open the BFG by pulling the knobs up and attach BFG submount to the BFG hinge bracket using provided M16x2x50 bolt, nut and washers (Figure 8 and 9).

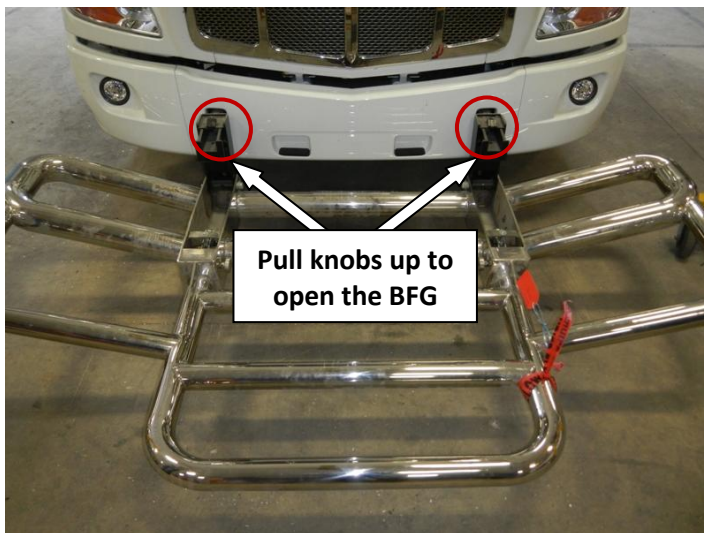


Figure 8



Figure 9

7. Repeat steps 5 and 6 for the Passenger side BFG submount.
8. Tighten all bolts to 200 ft-lb. Release the knobs and close the BFG. The latch mechanism has been adjusted and is ready for use. If adjustment is needed in the future, please follow the latch adjustment instruction.