


INSTALLATION INSTRUCTIONS – BFG		
<b>Freightliner</b> <b>Freightliner Cascadia 08+</b>		
<b>Part #</b>	BFG-06	

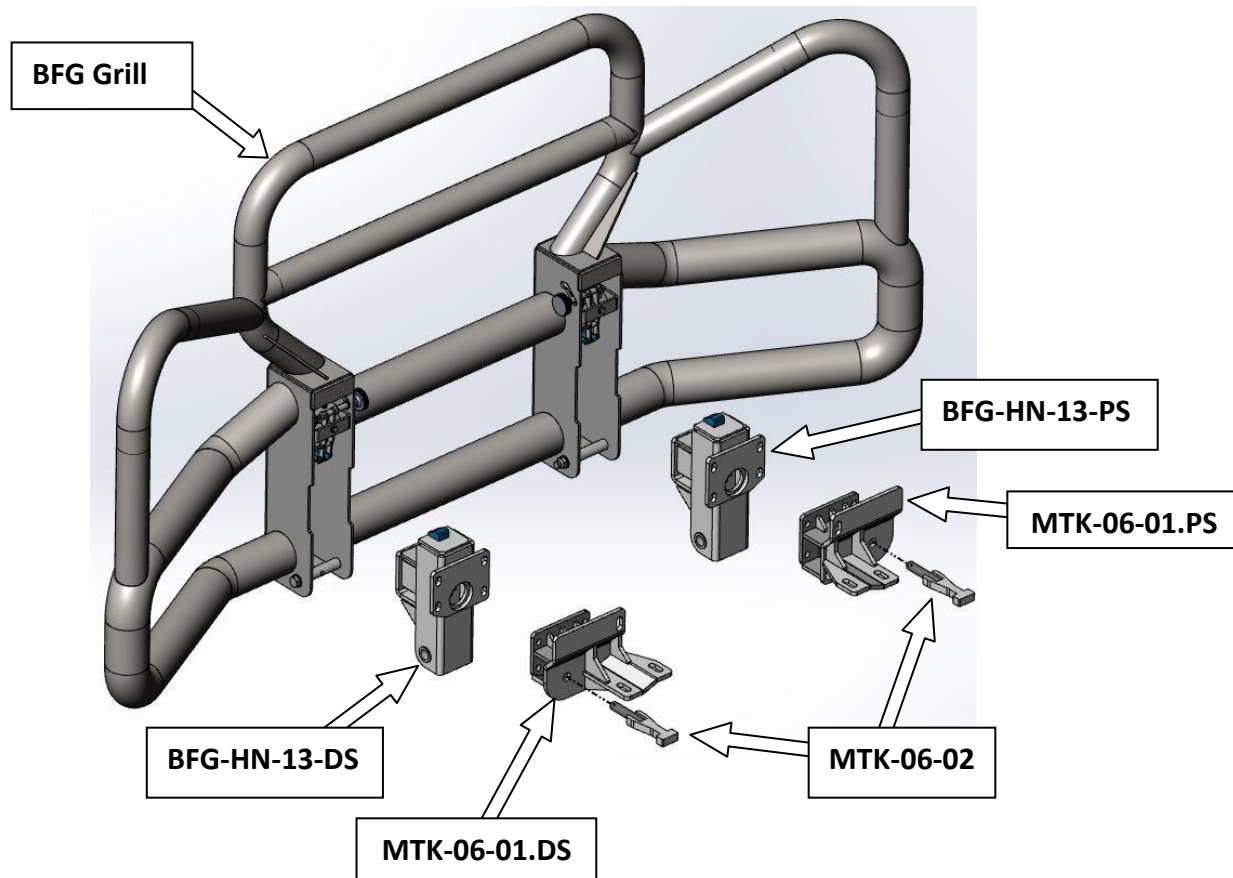
## **IMPORTANT**

- 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 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.

## **TOOLS REQUIRED**

10mm Socket & Ratchet	10mm Wrench	30mm Wrench
19mm Socket & Ratchet	19mm Wrench	24mm Socket & Ratchet
24mm Wrench		

## PARTS REFERENCED IN THESE INSTRUCTIONS



## LOOSE HARDWARE INCLUDED

QTY	DESCRIPTION
8	HEXBOLT M12 x 1.75 x 50 CLASS 10.9
8	HEX LOCKNUT M12 x 1.75 CLASS 10.9
16	FLAT WASHER M12 CLASS 10.9
4	HEXBOLT M16 x 2.0 x 80 CLASS 10.9
4	HEX LOCKNUT M12 x 2.0 CLASS 10.9
8	FLAT WASHER M16 CLASS 10.9
2	HEX LOCKNUT M20 x 2.50 CLASS 10.9
2	FLAT WASHER M20 CLASS 10.9
2	HEXBOLT M6 x 1.00 x 25, CLASS 8.8
1	HEX LOCKNUT M6 x 1.00 CLASS 8.8
1	FLAT WASHER M6 CLASS 8.8

# INSTRUCTIONS

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1. Open hood and remove factory bumper by removing 4 bolts on each side (the bumper mounting plate should not be removed). Before removing bumper from its brackets, disconnect driving lights and cables, which are fixed to the bumper (Figure 1).

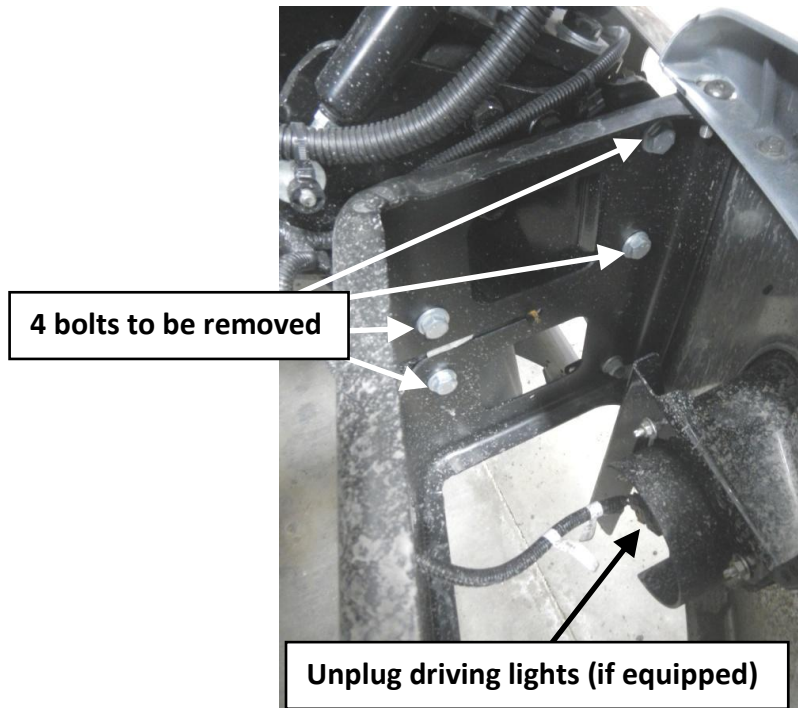


Figure 1

2. Remove nuts from three places on truck cast tow-hook mount as shown in Figure 2.

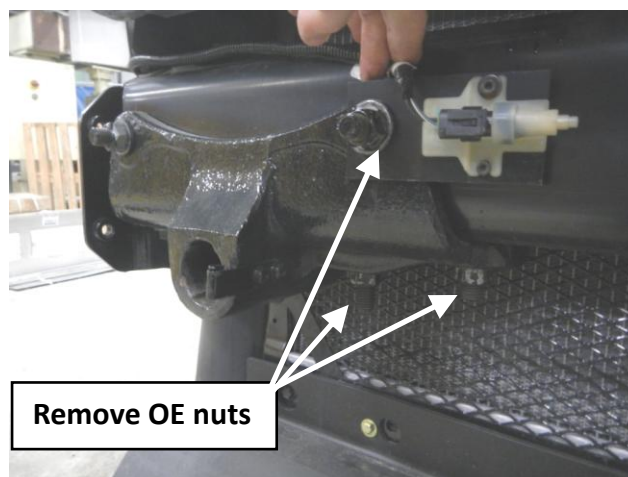


Figure 2

3. Leave factory sensor on front plate in location shown.

**NOTE:** Place sensor bracket between factory casting and BFG mounting brackets.

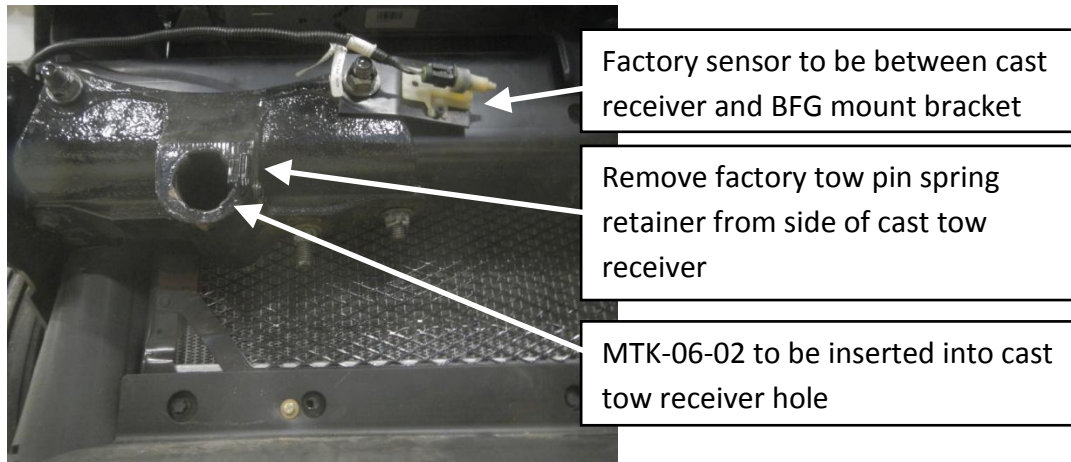


Figure 3

4. Install one MTK-06-02 on passenger's side through factory cast tow receiver hole.

**NOTE:** Rotate the sub threaded rod so that it locks into the factory tow receiver hole.

5. Install tow receiver spring clip using M6 bolt, flatwasher and locknut provided in hardware package as shown in Figure 4.

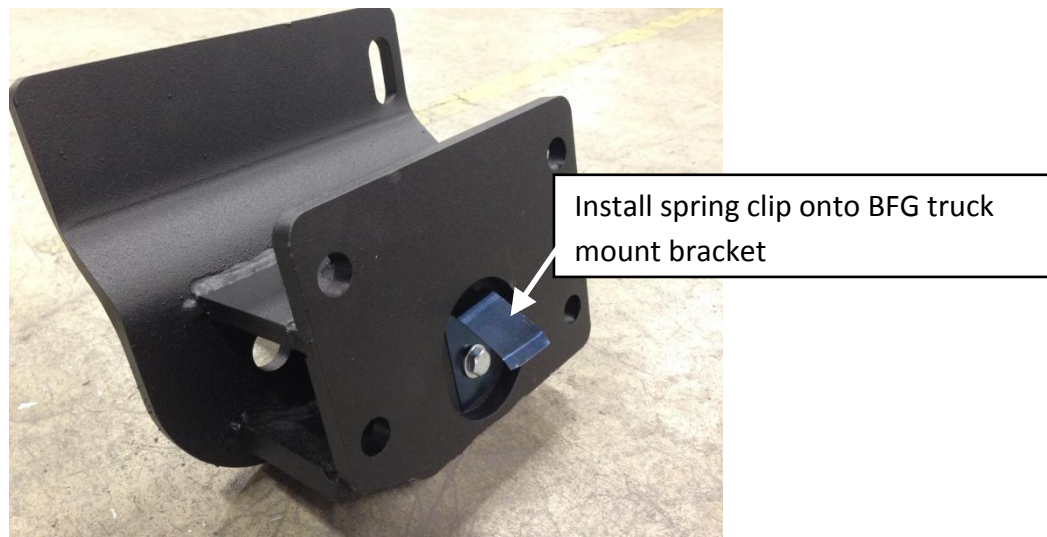


Figure 4

6. Using two M16 x 80 hexbolts, flatwashers and lock nuts supplied along with M20 flatwasher and locknut, install MTK-06-01.PS as shown in Figure 5 and tighten hardware.  
**NOTE:** Reuse longer factory M16 hardware in the one position shown.  
**NOTE:** When tightening the M20 hardware (torque to 200ft-lbs) to the MTK-06-02 ensure to place a hand around the backside of the tow receiver to ensure it stays in the locked position and does not get forced into contact with the radiator.

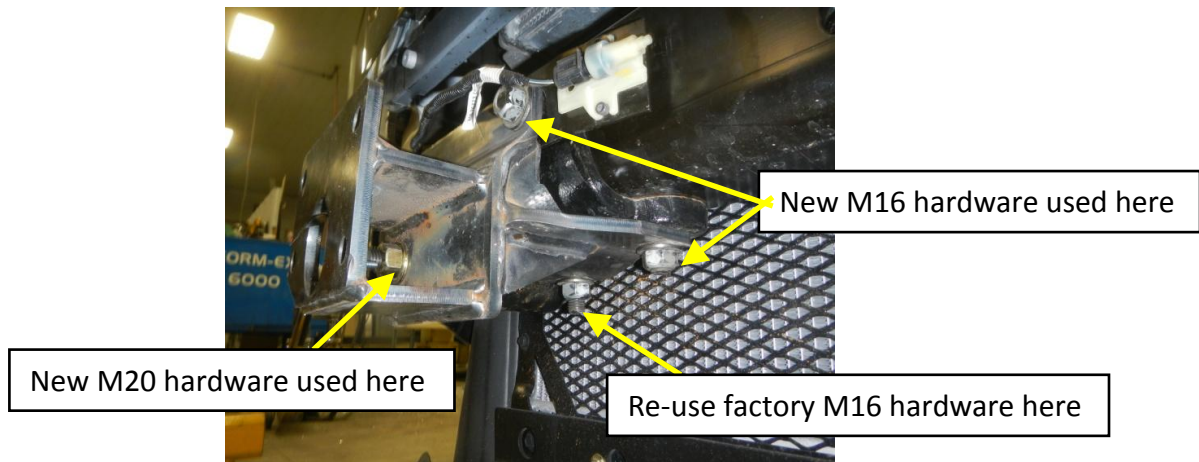


Figure 5

7. Repeat steps 2 through 6 for drivers side of truck.  
**NOTE:** There is no sensor and sensor bracket on drivers side.
8. Install factory bumper (cut airflow holes if necessary) reference step 1 for bolt positions. Reconnect driving lights (if equipped).  
**NOTE:** Bumper may need to be pivoted during install so mounting brackets slide through the airflow holes (Figure 6a and 6b).

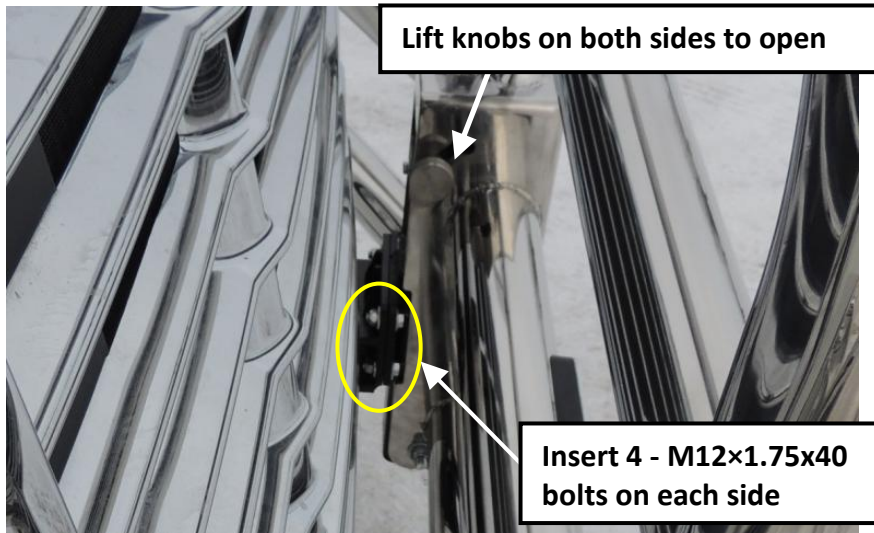


Figure 6a



Figure 6b

9. Lift BFG grille assembly, aligning hinge mounting holes with holes in MTK-06-01.PS and MTK-06-01.DS. Secure assembly, then open bar (by lifting knobs on both sides) and insert M12×1.75x40 bolts into holes (Figure 7). Bolts and nuts must be fully engaged, but not tightened down, in order to support the BFG bar when opened later in the installation process.



**Figure 7**

10. Open bar, adjust height, level grill and securely fasten the M12 bolts (Torque to 80ft-lbs) on each side (Figure 8).



**Figure 8**

11. Release knobs on each side, and close bar. Latch mechanism has been adjusted from the factory and is ready for use. If future adjustment is required, please follow latch adjustment instructions.