

2015-2017 FORD F-150 WITHOUT ADAPTIVE CRUISE CONTROL

FRONT BUMPER INSTALLATION INSTRUCTIONS



SAFETY

Know safety, no injury. Know injury, no safety. ~Author Unknown

If there are any questions, call 1-855-HHTOUGH

- **READ ALL SAFETY INSTRUCTIONS BEFORE INSTALLATION**
 - FOLLOW ALL INSTRUCTIONS FOR PROPER ASSEMBLY
 - WEAR APPROPRIATE EYE PROTECTION
 - EXERCISE CARE WHEN LIFTING COMPONENTS
 - USE APPROPRIATE TORQUE FOR BOLTS

SUGGESTED TORQUE VALUES FOR STEEL GRADE SAE 5 BOLTS

BOLT DIAMETER (INCH)	TREADS PER INCH	TORQUE (POUND-FEET)
1/4	20	7
5/16	18	14
3/8	16	25
7/16	14	40
1/2	13	60
9/16	12	88
5/8	11	120
3/4	10	200
7/8	9	302
1	8	466



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I. PARTS LIST

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>CHECKOFF</u>
1	600-56-0326, 0327,0328	FRONT BUMPER	
1	60K-56-0017	HARDWARE KIT #17	
1	601-56-2642	RIGHT FRAME MOUNT WELDMENT	
1	601-56-2643	LEFT FRAME MOUNT WELDMENT	

II. TOOL LIST

1. Standard tool kit
2. 3/4" wrench
3. 3/4" socket
4. 21mm socket
5. Extension
6. Flat head screwdriver
7. Pliers
8. 15mm socket

III. REMOVAL OF OEM BUMPER

1. Remove all components from box and compare to parts list above
2. Unplug OEM fog lights and remove plastic clips from OEM bumper. (both sides)
3. Using 21mm socket, remove one nut from OEM bumper flange on outside of frame. (both sides)





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- Using flat head screwdriver, remove plastic piece on center of OEM bumper.



- Using 21mm socket and extension, remove four nuts attaching OEM bumper to frame. Remove OEM bumper and set aside.



- Remove OEM tow hook shroud by pulling away from the truck. (both sides)



- Using a 15mm socket, remove two bolts attaching OEM tow hook to frame. Set tow hook aside. (both sides)





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IV. INSTALLATION OF HAMMERHEAD BUMPER

1. Layout Hammerhead frame mounts and OEM hardware as shown.



2. Using OEM bolt strips and bolts for top holes in front flange and bottom of frame, install Hammerhead frame mounts. (Do not fully tighten.)



3. In this step you will use hardware from kit #17 and a $\frac{3}{4}$ " socket. Using two $\frac{1}{2}$ "-13 carriage head bolts, two $\frac{1}{2}$ " flat washers, two $\frac{1}{2}$ " lock washers and two $\frac{1}{2}$ "-13 hex nuts, install bolts in remaining hole in front flange of Hammerhead frame mounts.





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4. In this step you will use hardware from kit #17 and a $\frac{3}{4}$ " socket. Using six $\frac{1}{2}$ "-13 carriage head bolts, six $\frac{1}{2}$ " flat washers, six $\frac{1}{2}$ " lock washers and six $\frac{1}{2}$ "-13 hex nuts, install Hammerhead bumper on frame mounts.
NOTE: Install bolts with threads facing out.



5. Align bumper a minimum of $\frac{1}{4}$ " below truck. When truck flexes off-road, this distance allows your bumper and body to have clearance. Tighten all hardware.

NOTE: EcoBoost engines - Depending on the winch you use, you may need to trim the air shroud on the front of the air louvers. Mark a line one inch from the base of the shroud and trim with your tool of choice.