

2007-2017 JEEP JK

HAMMERHEAD FRONT ARMOR FENDER 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	60P-56-0506	LEFT FENDER	
1	60P-56-0507	RIGHT FENDER	
4	307-13-0509	ZILLA 0.75" ACCENT AMBER LENS	
2	601-56-3429	COWL MOUNT	
2	443-02-3631	PUSH IN BUMPER ½ IN HOLE SIZE	
2	601-56-3654	INNER FENDER BRACKET 1 WELDMENT	
2	601-56-3656	INNER FENDER BRACKET 2 WELDMENT	
1	60K-56-0081	HARDWARE KIT #81	

II. HARDWARE KIT #81

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>CHECKOFF</u>
16	319-12-0018	M6 BLACK TORX 30 BOLT	
16	320-03-0370	.75X.28X.06 BLACK WASHER	
2	302-01-0033	.25 CARRIGE BOLT	
2	314-03-0050	.25 NYLOCK NUT	
2	320-03-0079	.75X.28X.06 WASHER	
8	319-12-0017	M8 BLACK TORX 40 BOLT	
8	320-10-0011	.74X.34X.06 NYLON WASHER	
2	601-56-3655	.505X1X.05 NYLON SPACER	
4	320-10-0007	1X.406X.06 NYLON WASHER	
4	320-10-0012	1.75X.656X.1 NYLON WASHER	



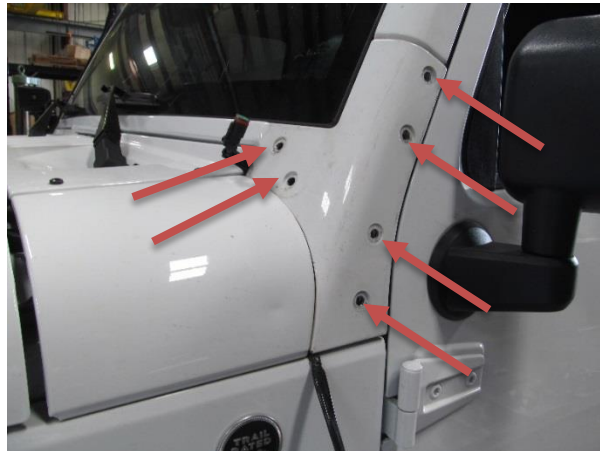
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III. TOOLS

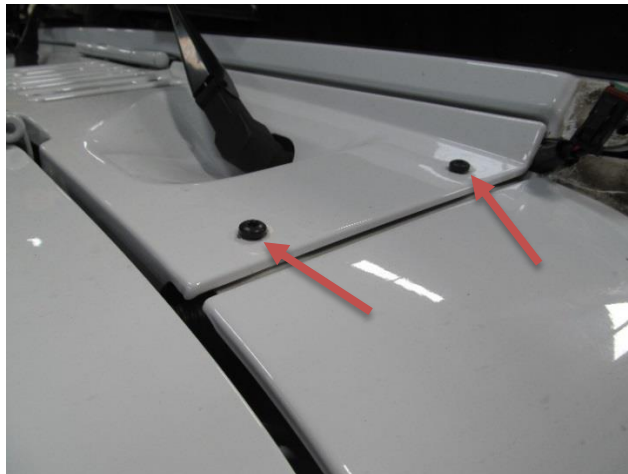
1. Basic tool set
2. Torx 40 socket
3. Torx 30 socket
4. 8mm socket
5. 10mm socket
6. ½ in socket
7. ½ in wrench
8. 7/16 in wrench
9. 13mm wrench
10. Drill
11. 3/8 in drill bit
12. Tin snips
13. Flat head screw driver
14. Phillips head screw driver

IV. REMOVAL OF OE FENDER

1. Start by removing the 6 bolts holding on the A-pillar bracket with the Torx 40 socket



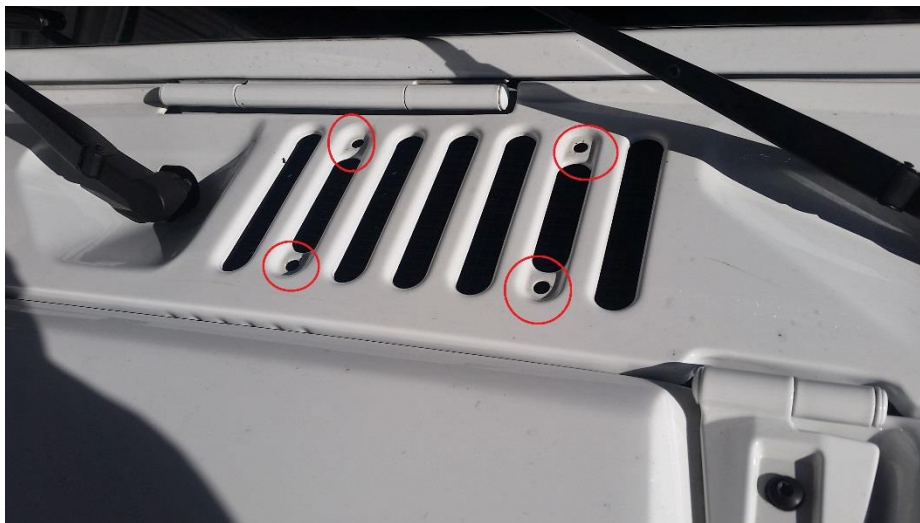
2. Remove the 2 bolts on each side of the middle cowl using the Torx 30 socket



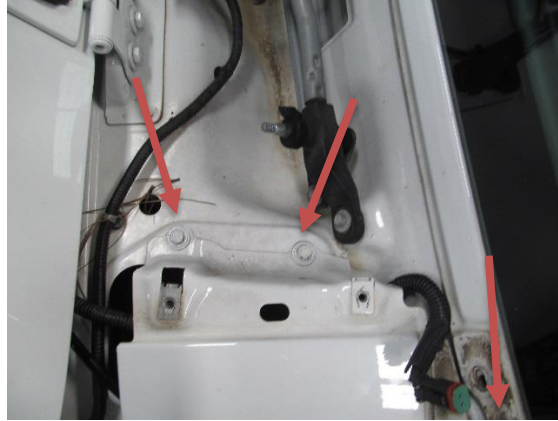
3. Flip up the plastic cover on the windshield wipers and remove the nut with the 1/2 in socket. Remove the windshield wipers



4. Use a flathead screwdriver to carefully pry up the 4 plastic Christmas trees holding on the center cowl. Remove the center cowl



5. Using the 10mm socket remove the 3 bolts in the driver's side cowl.

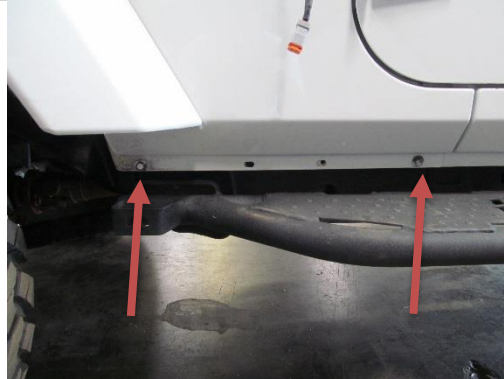
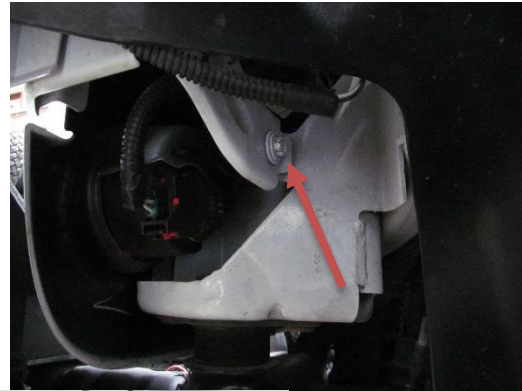
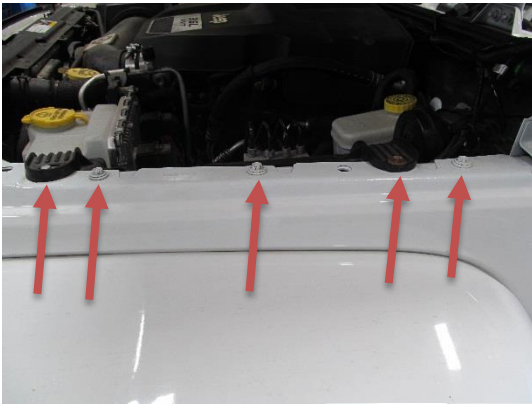


6. Using the 10mm socket remove the 5 bolts holding in the OE inner fender

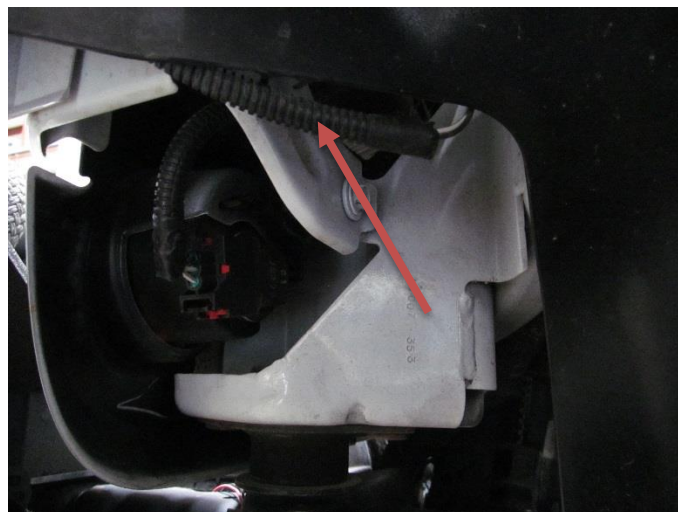


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7. Remove the OE Jeep door. Using the 10mm socket remove the 5 bolts on the top of the fender, the 1 bolt on the brace at the front of the fender, the 2 bolts on the bottom of the fender, and the 2 bolts on the inside of the door on the fender on the drivers side.



8. Undo the light clip that leads to the side marker on the driver side fender flare. It is located directly above the brace on the front of the fender that you removed the 1 bolt from.



9. You are now ready to pull the driver side fender off. These 2 plastic mounts will need to be pulled up slightly as you remove the fender.



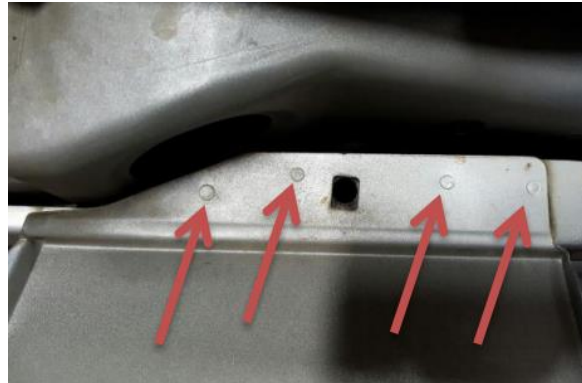
10. Move to the passenger side and unscrew the antenna. Then pop the antenna cover off. Use the 8mm socket to remove the 3 bolts and pull off the antenna bracket.



11. Repeat steps 5-8 for the passenger side fender

V. REMOVAL OF THE COWL FROM THE OE FENDER

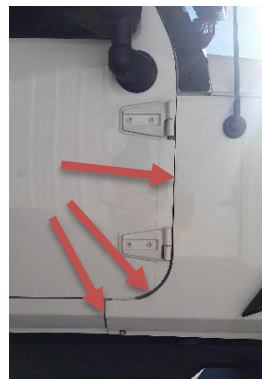
1. On the cowl are 4 spot welds that hold the cowl to the OE fender. Using the drill and the 3/8 drill bit drill out all four spot welds to release the cowl from the OE fender



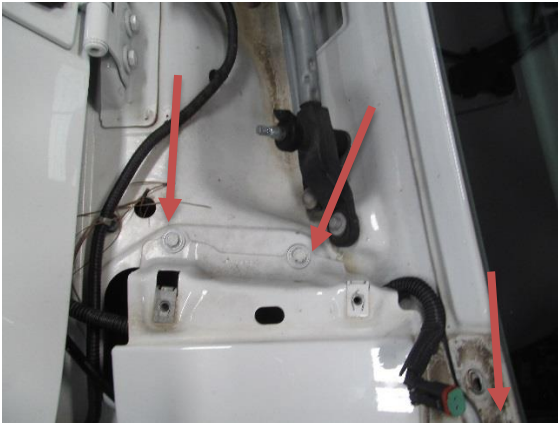
2. Do this for both sides

VI. INSTALLATION OF THE HAMMERHEAD FRONT ARMOR FENDERS

1. Place the OE cowl on the new fender using the carriage bolt (302-03-0370), the washer (320-03-0079), the nylock nut (314-03-0050), and the supplied cowl mount. The slots in the fender and the mount allow you to adjust the position of the cowl after placing the fender on the jeep
2. Use the OE hardware to install the hood latch on the new fender.
3. Place the Armor Fender on the jeep. Using the new Torx 30 bolts (319-12-0018), and the black washers (320-03-0370) secure the fender to the Jeep. Do not fully tighten the bolts
4. Adjust the fender until it fits correctly.



5. **Tighten down the fender bolts using the Torx 30 socket**
6. **To install the marker lights put the led through the rubber grommet, then through the hole in the fender. After the led is through the hole in the fender install the rubber grommet in the hole. Pull the led into the rubber grommet.**
7. **Wire the led markers to the running lights that you unplugged from the flare. On the replacement led white is the negative and the black is the positive.**
8. **Position the cowl in the correct location and put the 3 OE 10mm bolts back in place. Use the 7/16 wrench to tighten the nut on the cowl mount. Access the nut as shown below.**



9. **Install the hood bumper (443-02-3631) in the top of the fender as shown below.**



10. Repeat this process for the other side
11. Reinstall the A-pillar bracket, the center cowl, and the windshield wipers with the OE hardware

VII. TRIMMING THE OE INNER FENDER

1. Using a flat head screwdriver pop loose the OE inner fender from the OE flare

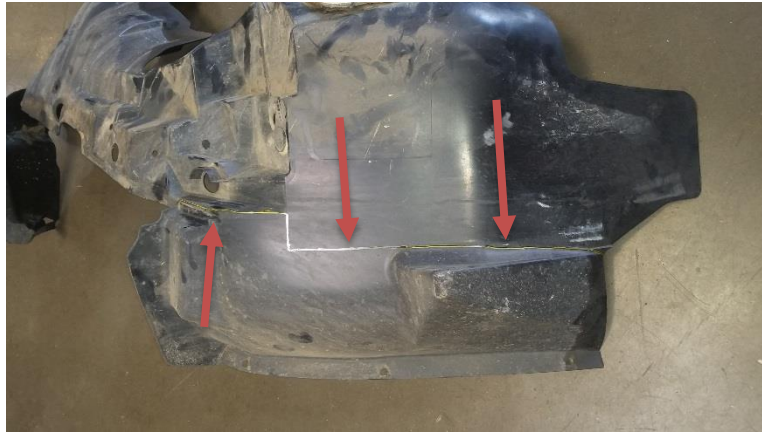


2. Remove the Christmas trees holding the support piece and the inner fender together.



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3. Using tin snips or your tool of choice cut the inner fender along the line as shown below.



4. Use 2 of the OE inner fender bolts, 2 Nylon washers (320-10-0007), and 2 Nylon washers (320-10-0012) to bolt the inner fender in place as shown.



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5. Add nylon spacer (601-56-3655) to the threaded shaft (shown). Use OE threaded shaft in the same location on the inner fender it came from to secure the inner fender.



6. Bolt (inner fender bracket 1 weldment) to the flare bolt hole second from the bottom as shown. (if you are installing a flare skip this step until the flare is installed) Use the bolt (319-12-0017) and washer (320-10-0011)



7. Hold OE inner fender up to the inner fender bracket 1 weldment and mark for drilling. Using the drill and the 3/8 drill bit drill a hole in your marked location.

8. Use the bolt (319-12-0017) and washer (320-10-0011) to secure the inner fender to the inner fender bracket 1. As shown



9. Mark the inner fender for any additional trimming needed. As shown by the line in the picture above.
10. Bolt on (inner fender bracket 2) at the front flare bolt hole (if installing a flare skip this step until flare is installed) using bolt (319-12-0017) and washer (320-10-0011). Location shown below.



11. Use the existing hole in the OE inner fender to bolt the inner fender to the inner fender bracket 2 using bolt (319-12-0017) and washer (320-10-0011). Location shown above
12. Repeat this process for the other side.



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Congratulations! Your Hammerhead Front Armor Fender installation is now complete.

Thank you for your purchase.