

2007-20XX TOYOTA TUNDRA

REAR BUMPER INSTALLATION INSTRUCTIONS



SAFETY

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

- **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
 - BLUE THREAD LOCKING COMPOUND IS RECOMMENDED ON ALL BOLT
- SUGGESTED TORQUE VALUES FOR STEEL GRADE SAE 5 BOLT

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>
1	X00-56-0114	2007-20XX TOYOTA TUNDRA REAR BUMPER
1	601-56-3490	DRIVER FRAME MOUNT WELDMENT
1	601-56-3491	PASSENGER FRAME MOUNT WELDMENT
1	60K-56-0001	HARDWARE PACKAGE #1
2	307-13-0148	GROMMET FOR 4" RD SEALED LIGHT
2	307-13-0115	4" ROUND BACK UP LIGHT
1	443-01-0086	LICENSE PLATE MOUNTING KIT
4	601-56-2316	OUTSIDE PLUG

II. TOOL LIST

1. Flathead screw driver
2. Phillips head screw driver
3. 12 mm socket/wrench
4. 19mm socket/wrench
5. ¾" socket/wrench.



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III. REMOVAL OF OEM BUMPER

1. Disconnect wire harness of park assist sensors and disconnect each individual sensor from bumper. (take care to leave nothing attached to OEM bumper before removal of bumper)
2. With Phillips head screw driver, remove OEM tag lights and secure out of the way. See Figure 1.



Figure 1

3. Remove fasteners from license plate from OEM bumper.



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4. Behind license plate remove a quarter turn fastener with a Phillips head screw driver. See Figure 2.



Figure 2



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5. Remove plastic corner piece that is on top of the chrome bumper on each side. Do this by depressing tabs underneath of bumper and pressing upward. See Figure 3, and Figure 4.



Figure 3: Passenger side plastic cover for bumper



Figure 4: Passenger side Plastic cover removed from OEM bumper



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6. Disconnect rear parking assist sensor wire from OEM bumper, located behind license plate area. (If applicable) See Figure 5.



Figure 5

7. Remove plastic center piece that is cover chrome OEM bumper. Do this by depressing tabs underneath of bumper and pressing upward. See Figure 6 and Figure 7.



Figure 6



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Figure 7

8. Using 12mm socket/wrench remove six bolts located on top of chrome OEM bumper top surface. See Figure 8, and Figure 9



Figure 8



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Figure 9: Location of Passenger side bolts to remove with 12mm socket/wrench



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9. Use 12mm socket/wrench to remove two bolts located underneath of bumper (one on each side). See Figure 10.



Figure 10

10. Using a 19mm socket remove three bolts from receiver hitch. See Figure 11.(Both sides)

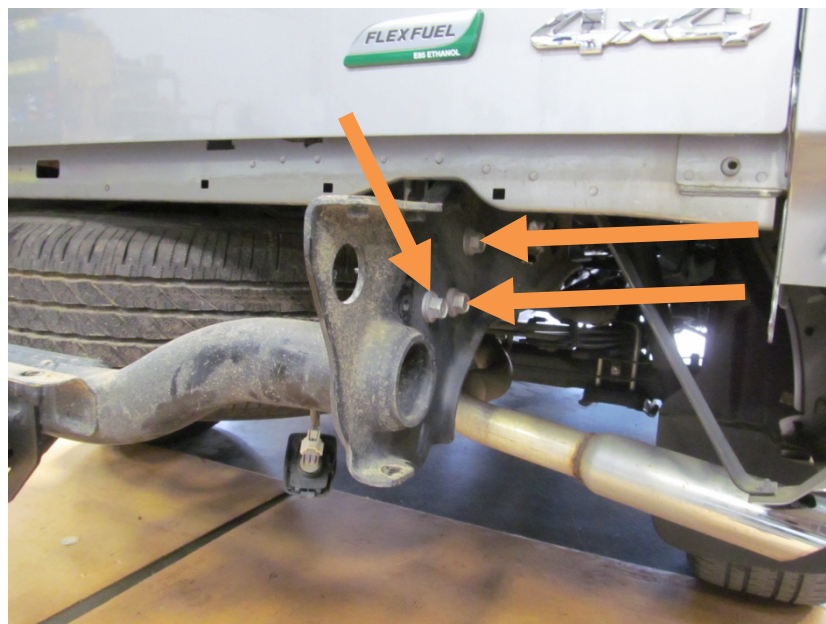


Figure 11



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IV. INSTALLATION OF HAMMERHEAD BUMPER

1. Using OEM bolts and 19mm socket, position Frame mounts as shown in Figure 12, and Figure 13.



Figure 12: Front view

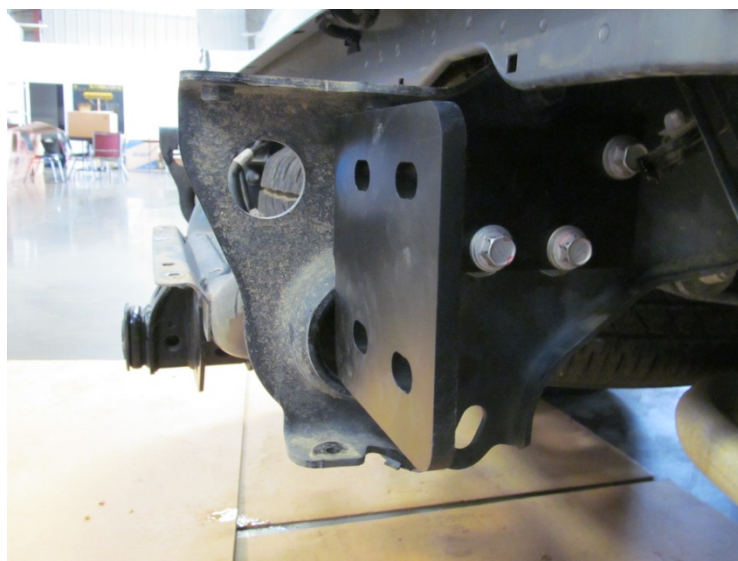


Figure 13: Side view



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2. Align Hammerhead bumper to frame mounts.
3. Using hardware kit 1 secure bumper to frame mounts loosely.
4. Align bumper to center of vehicle.
5. Tighten 8 bolts from hardware kit one using $\frac{3}{4}$ "socket and wrench to specification.
6. Install OEM tag lights into Hammerhead Bumper.
7. Install license plate mounting kit and reattach license plate.
8. Using supplied fasteners carefully install all sensors into Hammerhead bumper.



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CONGRATULATIONS!!

