

2004-20XX NISSAN TITAN

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	600-56-0094	FRONT BUMPER	
1	601-56-1657	PASS FRAME MOUNT WELDMENT	
1	601-56-1658	DRIVER FRAME MOUNT WELDMENT	
2	601-56-9999	ORL MOUNT (SMALL 90 DEGREE BRACKET)	
1	60K-56-0013	HARDWARE KIT #13	
1	60K-56-0001	HARDWARE KIT #1	
1	60K-56-0003	HARDWARE KIT #3	

II. TOOL LIST

1. Basic tool kit
2. ¾" wrench
3. ¾" socket
4. 12mm socket
5. 12mm wrench (box end ratcheting wrench will be worth the investment)
6. 14mm socket

III. REMOVAL OF OEM BUMPER

1. Using a 12mm socket, remove two bolts holding side brace to frame. (both sides)





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- Using a 12mm socket, remove two bolts holding side brace to bumper. Set brace and hardware aside. (both sides)



- Using a 17mm socket, remove two bolts holding the bumper brackets to the frame. (both sides)



- Unplug OEM fog light. (both sides)



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5. (A) 2004-2013 YEAR RANGE

Using a 14mm socket with an extension, remove the bolt to the outside of the tow hook. (both sides)



(B) 2014-20XX YEAR RANGE

Using a 12mm socket, remove the nut and carriage bolt to the outside of the tow hook. (both sides)





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6. Rotate top of bumper away from truck. Using a 12mm wrench (or ratcheting wrench) remove two bolts holding bumper to frame mount. (both sides) Remove bumper and mounts.



7. Using a 17mm socket, remove two bolts holding tow hooks to frame. Remove tow hook and set aside. (both sides)





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IV. INSTALLATION OF HAMMERHEAD BUMPER 2004-2013 YEAR RANGE

1. Layout frame mounts as shown.



2. In this step you will use hardware from kit #13. Using 10mm-1.25mm x 25mm bolts (qty-4), lock washers (qty-4) and flat washers (qty-4), install frame mounts as shown. The bolts will thread in bosses in the frame. Do not fully tighten. (both sides)



3. In this step you will use hardware from kit #1. Install bumper on frame mounts. Each mount will use 1/2"-13x2" bolts (qty-3), 1/2" flat washers (qty-6), 1/2" lock washers (qty-3), and 1/2"-13 nuts (qty-3). Align bumper and tighten all hardware.

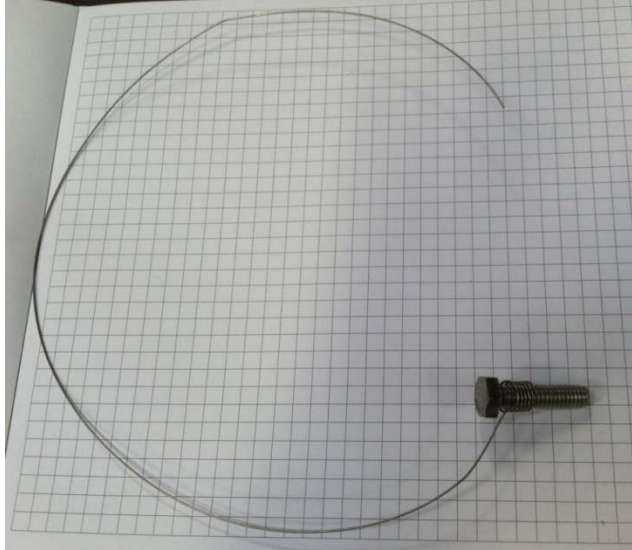


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V. INSTALLATION OF HAMMERHEAD BUMPER 2014-20XX YEAR RANGE

(In 2014, Nissan removed the eight threaded bosses in the frame. You will need to place bolts where the bosses were.)

1. In this step you will use hardware from kit #13. Thread bolt install wires on 10mm-1.25mm x 25mm bolts as shown. (qty-4)



2. This step will take some patience.
(A) Using the wire, fish bolt through center hole in frame.





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(B) Insert bolt through hole. Place push nut over threads on bolt half way up the threads.



(C) Thread 10mm-1.25mm nut on bolt. While holding nut, slowly pull wire to remove it from bolt and engage push nut fully on threads.
NOTE: Bolt may try to back out of nut while pulling wire.



(D) Remove nut.

(E) Repeat for the seven remaining bolts.



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3. Layout frame mounts as shown.



4. Install frame mounts on bolts. Use 10mm flat washers, 10mm lock washers and nuts to secure frame mounts. Hand tighten nuts.

5. In this step you will use hardware from kit #1. Install bumper on frame mounts. Each mount will use 1/2"-13x2" bolts (qty-3), 1/2" flat washers (qty-6), 1/2" lock washers (qty-3), and 1/2"-13 nuts (qty-3). Align bumper and tighten all hardware. NOTE: An impact gun may be necessary to tighten the frame mount bolts in the frame.



CONGRATULATIONS!!!