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# INSTALLATION INSTRUCTIONS

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**Part Number**  
**Item Description**  
**Vehicle**

DO-TUN-WB-0713  
**TUNDRA WINCH PLATE**  
**2007-2013 Tundra**

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## DEMELLO-OFFROAD

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### Kit contents

1 – tundra front bumper	1 – installation guide
4 – 3/8in bolts	2 bumper winch supports L-R
4 -- 3/8in nuts	
8 – 3/8in washers	
4 – 1/4in bolts	
4 – 1/4in nuts	
8 – 1/4in washers	

### Tools recommended for installation

3/8" ratchet	Flat screw drivers
Torque wrench (0-80 lbf-ft)	Phillips screw driver
Wrench	10mm, 14mm, 17mm, 19mm socket and wrenches
3in-6in 3/8in extension	
Grinder and cut off wheel or small metal saw	

Hint: A few friends or a engine hoist is ideal for getting the bumper in place while installing.

### Winch plate torque specs

80lbs lbf-ft	30 N-m
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### Pre-installation procedure

Clean the front end of your tundra of any dirt, mud and debris, also tape off any area's that may get scratched while removing and installing bumpers.

## Installation procedure



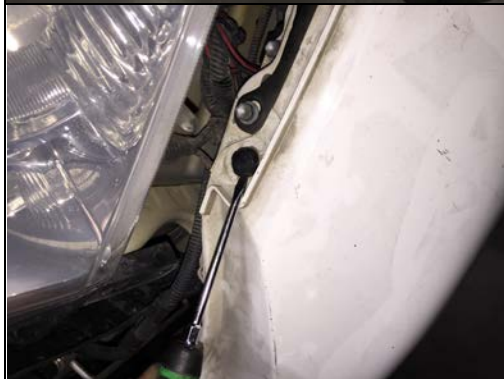
Step 1.) Park Tundra onto level ground. Open hood release and pull up hood. (see owner's manual for detail operations)



Step 2.) Remove the two black clips on either side on the fill piece under the head lights. Carefully use a small flat head screw driver to pop the rivets out. (DO NOT DISGUARD) You will re-use these clips.



Step 3.) Now that the plastic clips are removed you can gently pull on the light valance piece "straight out". NOTE Pulling it sideways may result in broken fasteners.



Step 4.) Now you have access to the top plastic bumper valance and assorted plastic clips remove the four plastic clips you now have access to, under the head lights.



Step 5.) Remove the bolt in the inner fender wheel well. This is a 10mm bolt and can be removed with a ratchet and socket.



Step 6.) You can use a Philips screw driver or 10mm socket to remove the other bolt in the fender well.



Step 7.) There are also 4 bolts on each side underneath the headlights, these need to be removed and saved for re-installation.



Step 7 .)Note that the second set of bolts are kind of hidden behind the front ones.

Step 8.) Once all the bolts and clips are removed, you should now be able to remove the top piece. Note some vehicles may have extra clips or bolts. Be sure to check to make sure they are all removed before pulling on top piece.



Step 9.) Now that the top piece is removed, you will find 4 bolts on each side on the metal part of the bumper with a total of 4 bolts on top and then an additional 4 on the bottom of the bumper.



Step 10.) Make sure to twist and remove the fog light plug if your tundra is equipped with fog lights. Also remove the

sensor plugs before removing the bumper if you truck has parking sensors. (see owners manual for location of sensors)



Step 11.) Remove the clip that supports the fog light housing. You can access it from behind the wheel well.



Step 12.) Double check that all hardware and plastic clips are removed, remember some models may have more or less of each. Also be sure to check your wire connection for fog lamps and or parking sensors are free and clear of the bumper. Once you are sure the bumper is free you can now remove the stock bumper.



13.) you are now ready to remove the aluminum bash bar found behind the stock bumper. This bash bar is held on with 3 nuts per side 6 total nuts. Remove all the nuts and remove the bash bar. A 17mm socket with a short extension and 3/8in ratchet is ideal.



Step 14.) you will also need to remove the steel frame horn from the frame. It has 4 bolts for each one with a total of 8 for both sides. The bolts are 14mm as well and you can use a socket and ratchet or box end wrench.




Step 15.) Now that the bash bar and frame horns are removed you have an exposed set of frame rails. Your next step will include a hammer and careful inspection of the frame and all exposed parts. This is also a good time to touch up a rusty frame with spray paint or under coating.

Step 16.) Using a hammer hit the two outer studs that come off the frame on both sides. Leave the inner frame stud, this will be your guide point for the bumper. If the studs are hit perfectly at an angle they will pop right out.

Step 17.) you are now ready to pick your bumper and slide it onto the two factory frame studs that remain on the frame horns. We highly recommend several friends helping with this step and or a engine hoist. Please be aware of any potential scratching and or damage you can cause at this point from a bumper.

Step18.) THE MOST IMPORTANT STEP! Now that the bumper is on you can put two factory nuts onto those inner studs securing the bumper temporarily to the frame. You want to take plenty of time and inspect everything inside the bumper and behind the bumper. Make sure "NOTHING" is making contact, any contact can result in noise or premature wear of items. Special attention to the AC line and the cooler bolted to the frame as possible contact points. Make sure to move these parts away from the bumper with carefully bending them out of the way. Be careful not to damage these items.

	<p>Step19.) With the bumper in place, you can now place your side brackets over the bumper clamping the bumper to the frame with the brackets. Use the supplied 3/8in bolts and washers along with the nuts to secure the bracket and the frame together. There is also a 1/2in bolt that will go through the frame and a washer and nut on the side that secures the bumper in place. Once all bolts are in place, use a floor jack or friends to help hold the bumper level and tighten all the bolts on the bumper till the bumper is secure to the front of your truck.</p>
	<p>Step 20.) you are now ready to enjoy your tundra front bumper!</p>

**Thank you for your business.**

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