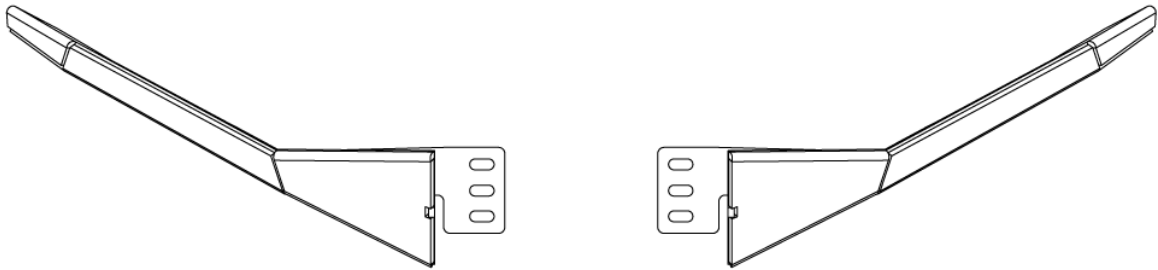




4RUNNER STUMP WINGS INSTALLATION INSTRUCTIONS

APPLICATION: 2014+ TOYOTA 4RUNNER



PARTS LIST	
4RUNNER STUMP WINGS	2
4RUNNER STUMP WINGS BRACE PLATES	2
5/16-18 BOLTS	8
5/16-18 NUTS	8
5/16 WASHERS	16
EDGE SEAL	2
DRILL TEMPLATE	1

TOOLS REQUIRED
CENTER PUNCH
DRILL BITS
MASKING TAPE
ZIP DISK OR BODY SAW FOR BUMPER TRIMMING
SANDER/SAND PAPER
1/2" WRENCH AND SOCKET
ANTI-SEIZE/GREASE FOR HARDWARE

GENERAL TORQUE SPECS		
THREAD SIZE	BOLT HEAD SIZE	TORQUE
6mm	10mm	8 ft/lb
8mm	12 or 13 mm	18 ft/lb
10mm	17mm	23 ft/lb
12mm	19mm	50 ft/lb
14mm	22mm	90 ft/lb
1/4 in	7/16 in	12 ft/lb
5/16 in	1/2 in	19 ft/lb
3/8 in	9/16 in	23 ft/lb
1/2 in	3/4 in	90 ft/lb

Installation Instructions

1. Apply anti-seize to each of the bolts supplied with the stump bumper wings.
2. Apply masking tape to the plastic bumper cover to protect the paint while cutting.



3. Trim the portion next to the bumper to expose the sides of the bumper – Do not cut higher than the corner point of the bumper yet.



4. If there are 3 holes per side already drilled in the side of the stump bumper, proceed to step 8.
5. Cut out the paper drill template supplied with the wings or printed from greenlaneoffroad.com.
6. Tape the template to the side of the bumper with the rear and bottom edge flush.



7. Use a center punch to mark the center of the holes. Use a smaller 1/8" drill bit to start and gradually work your way up to a 3/8" drill bit.



8. Mark your cut line with a sharpie on the masking tape. The final cut measures 7.5" from the corner of the bumper, as shown. We recommend cutting around 1" below the final cut line to start.



9. Hold up the wing and mark the areas where more cutting is required. Repeat this step until you have an even line with roughly 1/4" gap between the wing and the bumper – Take your time and work up to the final cut line, you can always cut more but you can't add material back on!



10. Install the supplied edge seal and trim to length.



11. Loosely bolt the support bracket to the stump wing.



12. Remove the 3 factory bolts (per side) holding the stump bumper in place these will be replaced with the longer supplied bolts.



13. Loosely install the three 5/16" bolts holding the wing to the stump bumper with a washer on both sides.
14. Snug up the 3 bolts holding the wings to the bumper, the 3 bolts holding the support bracket and stump bumper to the frame and the 1 bolt holding the wing to the support bracket. There is adjustability built in to be able to position the wings precisely.
15. Once happy with the position of the wing, tighten all bolts.



16. Repeat the same process for the opposite side.



INSTALL COMPLETE