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2011-2014 JK WRANGLER HOODLIFT TAILGATE PROP KIT



NOTE: The 11-14 JK Wrangler HoodLift Tailgate Prop Kit functions in tandem with the factory tailgate detent and allows for hands-free assisted opening of the tailgate. **This kit will not fit models with the factory subwoofer enclosure.**

KIT CONTENTS:

Description	Quantity Provided	Description	Quantity Provided
Instruction Sheet	1	#10 Self-tapping Screws	5
Gas Spring	1	Internal Lock Washers	5
Large Bracket	1	Ball Studs	2
Small Bracket	1	Nylock Nut	2

TOOLS NEEDED:

1. Cordless Drill
2. Sharp Knife or Dremel Tool w/ Disc
3. Marking Pen & Light-colored Pencil
4. Measuring Tape
5. 5/16" Socket & Ratchet or Drill Attachment
6. 1/2" Socket
7. 1/2" Combo End Wrench
8. T30 Torx Socket

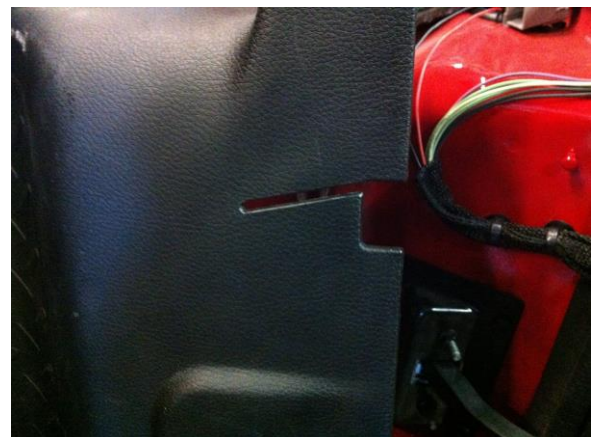
1. Begin by temporarily removing the rear carpet pad and floor compartment lid.
2. Looking at the passenger side plastic interior cargo panel, utilize a light-colored pencil and draw a $1\frac{1}{2}$ " horizontal line from the top corner of the tailgate wiring access hole. At the $1\frac{1}{2}$ " measurement mark, measure down $\frac{3}{8}$ " and make another hash mark. From that last mark, draw a line back up to the top corner of the tailgate wiring access hole. Draw another line $\frac{1}{8}$ " offset down from the angled line. This will be the width of plastic material that will need to be removed for clearance of the body-mounted bracket.



3. Remove the plastic panel by unscrewing the two T30 Torx screws that affix the cargo tie-down loops to the floor. Next, take a pry tool such as a flat-bladed screw driver and lift up on the trim piece surrounding the seatbelt. Carefully work around it and it should pop right off. Now use the pry tool and separate the plastic paneling from around the roll bar base. Again, work gently and the halves should separate with no issues. Once the halves are disconnected, look down in front of the roll bar base and there will be a 10mm nut anchoring the inner plastic piece to the tub. Just loosen this nut enough to where you can slip the panel away. Finally, there are two snap anchor points inside the inner panel. Gently pull on the panel until the two points give away and allow the panel to be lifted free of the Jeep.



4. With the inner panel detached from the Jeep, find a flat work surface where you can lay the panel down and then cut along the angled pencil lines with the sharp knife or Dremel with cut-off disc. Go slow and take great care not to cut yourself. Clean up any remaining sharp edges with some sandpaper.



5. Next, take the long bracket and set it against the side of the tub just above the tailgate wiring and within 1/8" of the tailgate rubber trim. Orient it so that the mounting tab is pointing up. You'll notice that the mounting tab is fairly close to the plastic panel mounting post. The bracket tab must be slightly modified so that the plastic panel may be reinstalled correctly.
6. Once the bracket has been modified, hold it up against the tub and set the plastic panel back against the body with the bracket sticking out through the slot in the plastic panel. Now hold the bracket into place and carefully remove the plastic panel so that the bracket is still located correctly in relation to where the slot in the plastic was. A small piece of double-sided tape can greatly aid in this process.
7. While still holding the bracket in the correct position, use a marking pen or scribe and mark the four holes for the bracket. Use a center punch to aid in the next step.
8. Place an internal lock washer over the self-tapping screws and attach the bracket to the tub.
Use the hand drill with driver attachment on a light-clutch setting so the self-tapping screws don't strip out when completely seated.
9. Re-install the inner cargo plastic panel and associated pieces. Tighten the ball stud onto the end of the bracket with the 1/2" wrench and socket. Position it so the ball is pointing down.
10. Attach the gas spring to the tub mounted bracket with the cartridge section on the tailgate. Tighten the ball stud onto the small tailgate bracket and then snap the small bracket to the other end of the gas spring.





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If you need to remove the ball studs from the spring ends, slip a small flat-bladed screwdriver between the small metal clips and pry up until the end piece releases from the ball.

11. Swing the tailgate all the way open till it stops and then hold the small bracket at the end of the gas spring up to the tailgate. With the ball stud pointing up, position the bracket so the outer hole is 2 ¼" down from the top of the tailgate. The other hole for the bracket should be marked 3/8" lower. Drive in both screws using the supplied internal lock washers.
12. If you removed the gas spring for the mounting of the tailgate bracket, go ahead and re-attach the spring and check the operation of the tailgate. The tailgate should open unassisted to a dampened stop. Be certain that the cartridge part of the gas spring is attached to the tailgate and pointing down towards the tub mounted bracket. This is required because the gas spring has a small amount of oil inside that lubricates the seal and assists with the dampening functionality.

Your installation is now complete.



If you need further assistance installing your product, please contact us by email at techsupport@warriorproducts.com or call us at (888) 220-6861.

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