



Manual Rev.
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PN: 21-27010

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2005-2015 Toyota Tacoma QuickLIFT Installation Guide

Step 1 - Unpack QuickLIFT system and verify contents.

Remove all items from the packing tube. You should have the following before beginning:

- | | |
|--|------------------------|
| (2) Gas springs | QL-200-5A |
| (4) #2 multi-grip rivets - for hood brackets | 55-00021 |
| (4) Self tapping high strength screws | part of 55-00021 above |
| (2) Fender brackets | 32-00002-R |
| (2) Hood brackets | 32-00001 |
| Full-color printed instructions | |



Optional Rivet Gun:
38-00042

Step 2 - Gather the required tools.

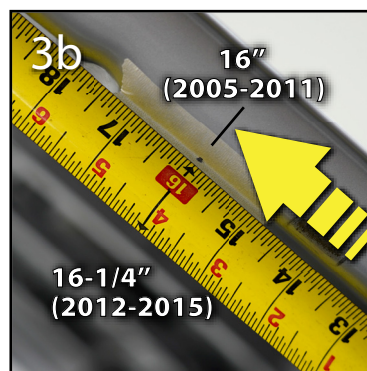
Please gather the following tools before you begin the installation:

- * Power Drill
 - * 3/16" & 5/32" drill bits
 - * Fine permanent marker or felt tip pen
 - * Masking tape
 - * Tape Measure
 - * Hammer & center punch
 - * Masking tape
 - * Rivet gun, capable of 3/16" rivets (most brands can handle this size)
- Note: Only use the rivets supplied in the QuickLIFT system.

Step 3 - Mark driver's side hood bracket location.

A. Open hood (driver's side first). Place the end of the tape measure up against top of hood hinge and mark at exactly **16"** for **2005-2011** or for **2012-2015** model years mark at **16-1/4"**. The bracket will span the hood frame's crush rib shown in image 3d (2012-2015) & will sit below the crush rib for (2005-2011) model years.

B. Align the bottom edge of the bracket with the mark you made - the ball-stud should be pointing inward or toward the vehicle. The back side of the bracket should be approximately **2-3/8"** from the hood's edge shown in images 3c & 3d. Mark the center of the lower hole using a permanent marker - double check measurements and use photos in following steps for clarification if needed.



Step 4 - Center punch lower hole mark

A. Using a center punch and a hammer, tap the center of the dot you just made (the indentation will help guide the drill bit and keep it from wandering). Place bracket back in place to be sure it is still centered where it should be before moving to Step 5. Set bracket aside.



Toyota has made many changes to this hood during the 10 year span of production - photos may not represent your application - use measurements.

Step 5 - Drill a 3/16" hole.

A. Carefully drill the lower bracket hole as shown to the right using a **3/16" drill bit**. Wrap a piece of electrical tape 1/4" down from the tip - this will keep bit from passing through and hitting the hood skin. Test fit the rivet - it should be a snug but should fit through hole.



B. Optional: Use touch up paint on bare metal after drilling.

Step 6 - Rivet 1st side of bracket to hood.

A. With the bracket in place, insert a rivet through the bracket and hole with the long stem sticking outward. The rivet may require a few twists while firmly pushing it in.

B. Check to be sure your rivet gun has the 3/16" rivet head installed, then slide rivet into gun. While applying force to the rivet and bracket, firmly squeeze riveter handle multiple times until rivet gun pops and snaps off the rivet stem. **Be careful when rivet stem snaps off not to scratch paint.**



Step 7 - Drill 2nd hole & rivet.

A. Align bracket parallel to hood's edge. Use center punch to indent center of upper hole before drilling. Carefully drill & rivet the second hole with the bracket in place. **Be careful not to drill up through top of the hood.**



Step 8 - Repeat steps 3-7 and install the passenger side hood bracket.

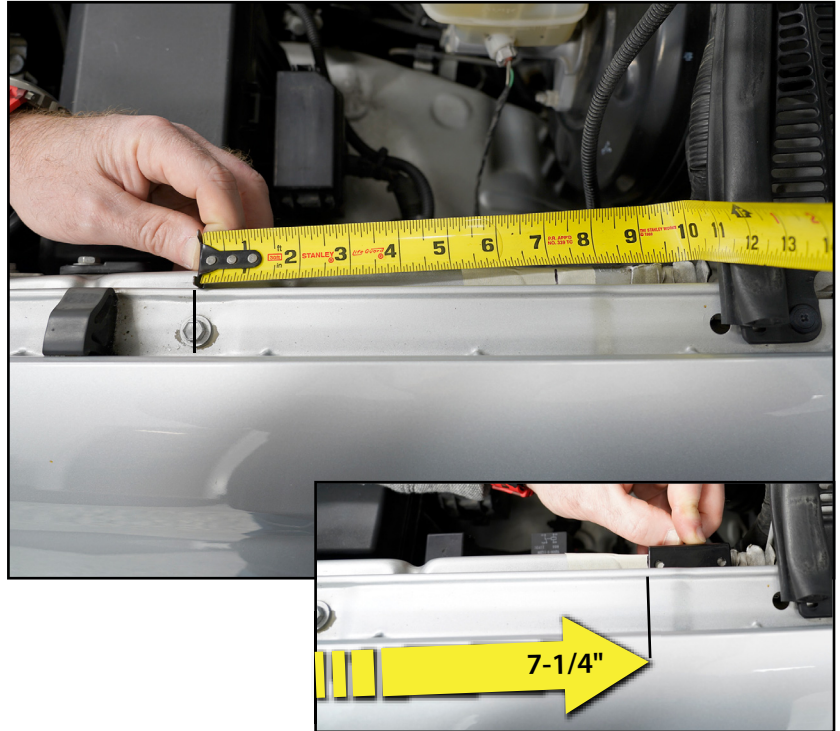
A. Your hood has a symmetrical under structure. Repeat Steps 3-7 to install the upper passenger side hood bracket. Take your time and verify the measurements using the bracket you just installed.

Step 9 - Position and mark first hole for driver's side fender bracket.

A. Fender bracket will be mounted to the area just below the fender as shown - Measure **7-1/4"** from the **center** of the fender bolt to the right along inner fender. Position is near fire-wall.

B. Place bracket so that it over-hangs inner fender and starts with the mark you just made. The ball-stud should be pointing inward toward engine and lower than the mounting point.

Use the photos to the right and in the following steps for bracket alignment clarification.



Step 10 - Mark hole center and then drill 5/32" hole.

A. Mark hole with bracket in place as shown. Using a center punch and a hammer, tap the center of the marked hole.

B. Drill the hole at the marked position using a **5/32" drill bit**. You will be using a self-taping high-strength screw in the next step to attach the bracket.



Step 11 - Screw the right end of the bracket to fender.

A. Using a 5/16" socket and wrench (or nut driver - recommended), carefully screw the right screw into the fender. Apply adequate pressure while screwing the sheet metal screw in.



Step 12 - Mark center with marker and indent with center punch.

- A. Using a permanent marker, mark the 2nd hole of the fender bracket. **Be sure that the bracket is parallel and up against steel wall.**
- B. Using a center punch and hammer, tap the center of the marked hole. This will help guide the drill bit and keep it from wandering.

Step 13 - Drill second hole and screw bracket to fender.

- A. Drill the second hole through the bracket hole using a 5/32" drill bit. Do not ream or over drill the hole.
- B. Screw the bracket firmly to the vehicle.



Step 14 - Repeat steps 9-13 to attach the passenger fender bracket.

- A. Repeat Steps 9-14 to attach the passenger side fender bracket. The vehicle is symmetrical so the same locators can be used. Feel free to measure off of key areas to ensure a symmetrical installation.

Step 15 - Install gas springs - rod down, gas spring tube up.



- A. Have a friend hold the hood up. Remove the stock prop rod assembly at this time.
- B. Install the driver's side gas spring with the tube at the top (large end up and connected to the hood's ball stud). Be sure that the gas spring sockets snap securely onto the ball studs.

2013 Tacoma shown above .