



Part #21-39002
Manual Rev.
1.01
5/11

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Suzuki Foreza 2004-08 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 - Part No. **RT-QL-200-4A** with **Swivel end-fitting**
- * (2) hood mounting brackets
- * (6) #2 Multi-grip rivets - for hood brackets
- * (2) Jacknut assemblies - (1) special wrench, (2) ball-studs, (2) washers & (2) jack-nuts
- * Printed Color Instructions

Step 2 - Gather the required tools.

Please gather the following tools before you begin the installation:

- * Power Drill
- * 3/16" or indexed #11 drill bits
- * 7/16" drill bit
- * 1/2" socket and socket wrench
- * Fine permanent marker or felt tip pen
- * Hammer & center punch
- * Rivet gun, capable of 3/16" rivets (most brands can handle this size)

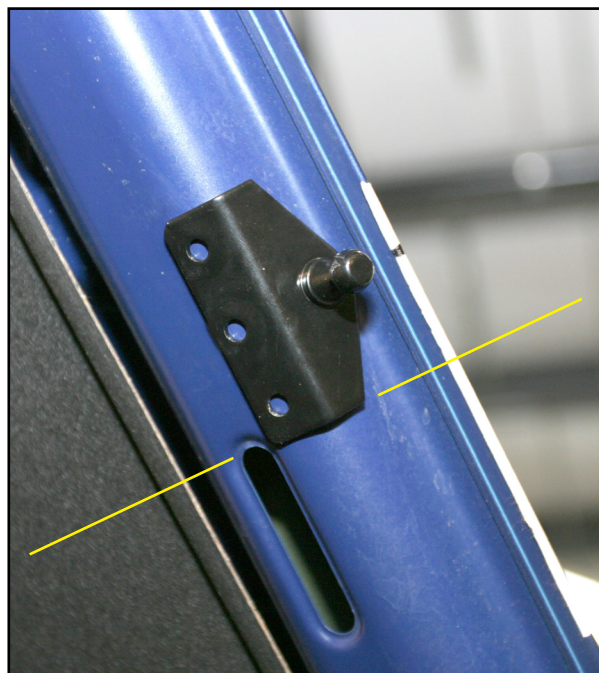
Note: Only use the rivets supplied in the QuickLIFT kit.



Recommended: Craftsman standard or Swivel Riveter (shown - 974749) - \$9.99 to \$17.99

Step 3 - Mark hood bracket location.

- A. Raise hood and prop it using prop rod for the last time.
- B. Place hood bracket approximately half-way up the hood frame as shown to the right starting on the driver's side.
- C. Align the bottom edge of the bracket with the top edge of the slot shown to the right. You must view the location from the side of the hood, perpendicular to the hood frame - you should notice the bottom edge of the bracket to be in line with the top edge of the slot.



Step 4 - Mark center hole for drilling.

A. Holding bracket in place with the ball-stud pointing outward, mark the center of the middle hole using a permanent felt tip marker. Be sure the bracket is straight and sitting flat against the hood's frame.

C Set bracket aside. Using a center punch and a hammer, tap the center of the mark you just made.



Step 5 - Drill #11 indexed bit hole, or 3/16" hole.

A. Carefully drill the lower bracket hole as shown to the right using a **(#11 indexed bit)** or **(use 3/16" bit if #11 bit is not available)**.

If you do not have a #11 indexed bit, you can use the 3/16" bit, however you may have to test fit the rivet and slightly ream hole until rivet fits tightly through bracket and hole - 3/16" is slightly smaller than the #11 bit. Do not use any other drill bit sizes!

Wrap a piece of electrical tape around the drill bit about 1/4" from the tip (or drill stop) to prevent the bit from denting the hood skin. Use new and sharp bits!



Step 6 - Rivet center of bracket to hood.

A. Hold the bracket in position.

B. With the bracket lined up again, place the rivet through the bracket and hole with the long stem sticking outward - shown to the right. The rivet may require a few twists while pushing it in.

C. Check to be sure your rivet gun has the **3/16"** rivet head installed, then slide rivet gun onto rivet. While applying downward force on rivet and bracket, firmly squeeze riveter handle multiple times until rivet gun pops and snaps off the rivet stem.



Step 7 - Drill and rivet upper and lower holes

A. Reposition or rotate bracket into the proper position parallel to the frame. Tap center of the hole. Carefully drill both remaining holes and rivet bracket to hood.



Step 8 - Remove rubber seal from hole in fender

A. Pry the rubber seal from the hole in the fender, where it overlaps onto the fender lip.

B. Trim the rubber seal back to the edge of the fender lip as shown. This hole will be used to insert the jack-nut assembly to mount the gas springs.



Step 9 - Enlarge fender hole for jack-nut assembly.

A. Using a **7/16"** drill bit, carefully enlarge the steel hole (Figure 1). Start with a smaller drill bit and work your way up to the 7/16" size. **Do not drill any larger than 7/16".**

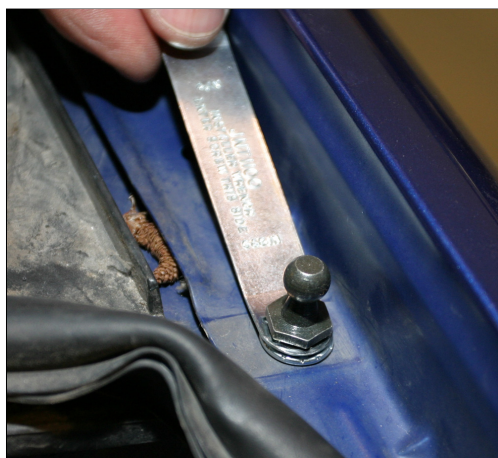


Step 10 - Insert jack-nut assembly and tighten

A. Insert the jacknut assembly into the hole with the ball-stud on top. The only portion that should go into the hole will be the jack-nut itself. The wrench should have the small ripples on the bottom to bind to jack-nut when tightening. *This device will expand and flare the legs when tightening, creating a blind nut to complete the installation.*



B. Using a **1/2" or 13mm** wrench, tighten the ball-stud while holding the included wrench. This will flare the jack-nut legs on the back side and secure it in place. **DO NOT OVERTIGHTEN. STOP WHEN IT BEGINS TO FIRM UP.**



Step 11 - Remove wrench & reinstall trim.

- A. Check to be sure that the ball-stud feels secure. If not, tighten the ball-stud slightly until it feels secure. **Overtightening will cause the jack-nut to loosen and not work properly.**
- B. Remove the ball-stud, washer and wrench....
- C. Reinstall the ball-stud and washer then securely tighten.

DO NOT OVERTIGHTEN

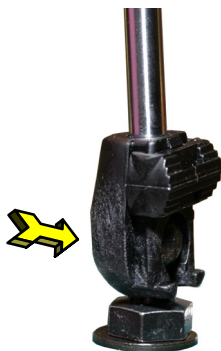
Step 12 - Cycle gas spring - then install

- A. **CYCLE GAS SPRING BEFORE INSTALLING** - firmly hold a gas spring with both hands by the thick cylindrical end - firmly press down on the floor or carpet and compress the spring. Have a friend hold the hood up. Remove the stock prop rod assembly at this time. If you cannot compress the gas springs, do not worry - once installed they will self-lubricate upon first use.



Step 13 - Install gas spring onto fender ball-stud (plastic end-fitting attaches to fender).

- A. Firmly press the open end of the socket onto the ball-stud.
- B. Lower gas spring down such that the locking mechanism is on top.
- C. Slide the locking mechanism over the ball-stud to secure the gas spring. **Be sure that the locking clip slides all the way over the ball-stud - this will ensure that this end of the gas spring will not free itself.**

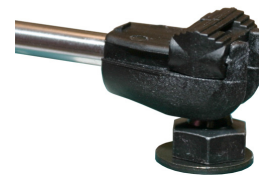


A. Snap on socket

*** SLIDING LOCK IS ON TOP WHEN HOOD IS LOWERED**



B. Lower gas spring



C. Slide clip over ball-stud to lock end-fitting



- D. Snap gas springs to upper hood mount. Secure both sides to be sure that the socket is snapped onto the ball-stud.