



2010+ Kia Soul 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:

- * (1) Gas spring (RT-QL-200-7A) - Be sure to cycle a few times before installing.
- * (4) 3/16" multi-grip #2 rivets
- * (1) hood mounting bracket
- * (1) fender mounting bracket - taller bracket
- * Printed Color Instructions

Step 2 - Gather the required tools.

Please gather the following tools before you begin the installation:

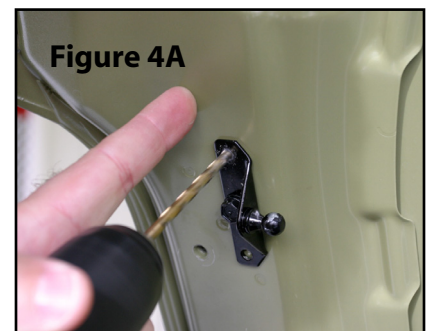
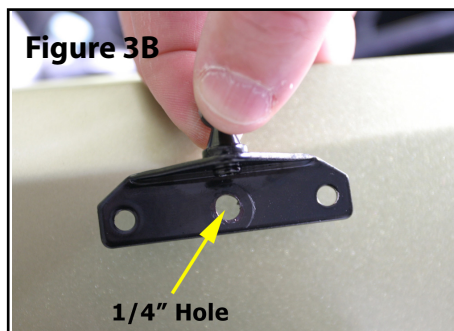
- * Power Drill
- * 3/16" or #11 indexed drill bits
- * Fine permanent marker or felt tip pen
- * Hammer & center punch
- * Rivet gun, capable of 3/16" rivets (most brands can handle this size)

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



Step 3 - Remove prop and mount bracket

- Open your hood, and remove prop rod using a 10mm socket or wrench.
- Enlarge the center hole of the supplied ball-stud bracket to 1/4".
- Mount the ball-stud bracket with the same bolt that held in the hood prop as shown. Center hole of the bracket is to be used, ball-stud aiming inward. Be sure to mount bracket to the upper prop-mounting hole closest to the inside hood frame lip as shown.
- Using a center punch and a hammer, tap the center of the upper hole - (this indentation will help guide the drill bit and keep it from wandering).



Step 4 - Drill #11 indexed bit hole, or 3/16" hole.

A. Carefully drill the hole as shown in Step 3 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.

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



Step 5 - Rivet bracket to hood.

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

B. 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.

C. Attach opposite end of bracket to hood.

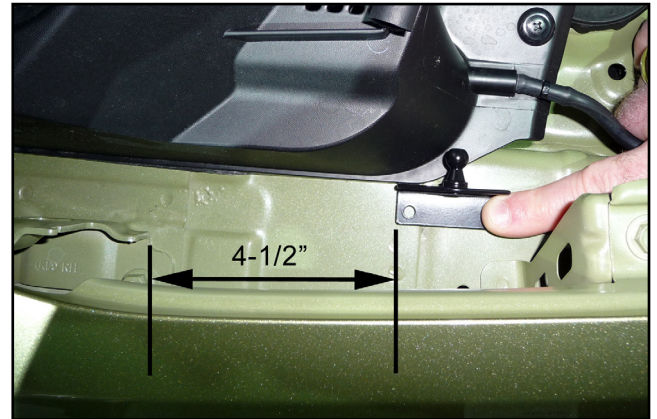


Step 6 - Located and install lower bracket as shown

A. Measure 4-1/2" from hinge (raised vertical edge) to edge of bracket as shown. Ball-stud should be aiming inward toward the vehicle and the inside edge of the bracket should touch the plastic cover.

B. Mark center of hole, then drill and rivet as described in Steps 4 & 5.

C. Align bracket after first hole is riveted into place, then repeat the drilling and riveting.



Step 7 - Install gas spring onto fender ball-stud.

A. Snap the gas spring onto the ball-studs. The large end of the gas spring attaches to the hood ball-stud, the extension to the fender ball-stud. Be sure both ends are firmly snapped into place.

REMOVING GAS SPRING: If you ever need to remove the gas spring, first slide a small flat head screw driver under the metal clip on the back of the socket. While prying the clip up a few millimeters, carefully rock the socket while pulling the socket from the ball-stud.

