



Manual Rev.
1.01
1/10/07



1994-2004 Chevy S-10 Truck, 1995-2004 Chevy S-10 Blazer
1994-2004 GMC Sonoma Truck, 1994-2004 GMC Jimmy
1999-2001 GMC Envoy, 1995-2001 Oldsmobile Bravada
1996-2000 Isuzu Hombre

QuickLIFT Installation Guide

Step 1 - Unpack QuickLIFT kit and verify contents.

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

- * (2) Gas Charged Springs (RT-QL-170-A4A)
- * (8) 3/16" multi-grip rivets - for brackets
- * (4) Fender & Hood Steel brackets
- * Full-color printed instructions
- * Gas Spring locking clips (already installed on the gas spring ball ends - Remove before assembly - **DO NOT LOSE, these are very small and disappear if dropped.**)



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
- * 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)

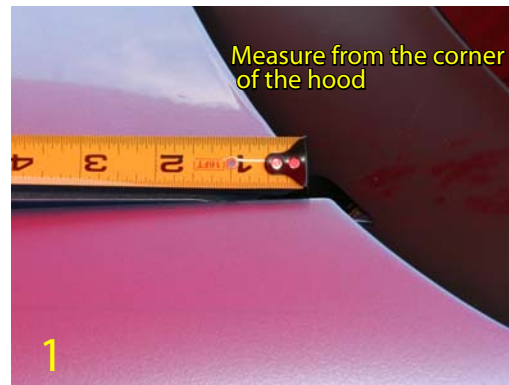
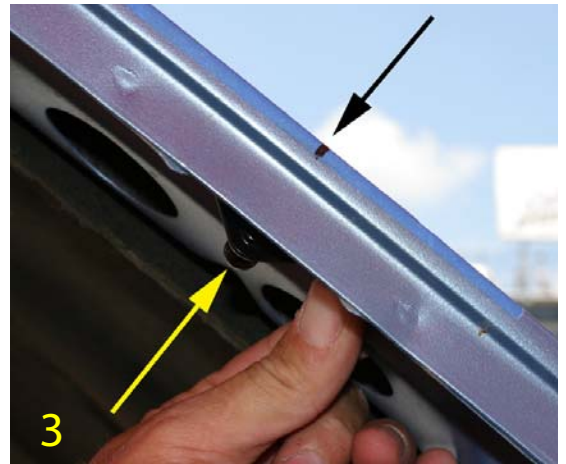
Note: Only use the rivets supplied in the QuickLIFT kit.



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

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

A. Leaving the hood closed, place a piece of masking tape on the edge of the hood at or around the 21" mark. When viewed from the side of the vehicle, place the end of the tape measure over the hood's corner and mark at exactly **21"** on the masking tape. This mark will be used to align the centerline of the hood bracket as shown in Figure 3.



Step 4 - Remove vacuum canister from hood.

A. Remove the vacuum canister from the hood. Place canister down near fender and firewall as shown. Canister can be remounted to a new location if you desire.



Step 5 - Align driver's side hood bracket and mark the 1st hole.

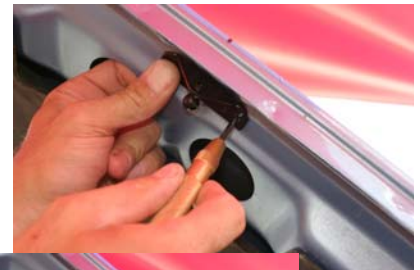
A. Hold the small hood bracket such that the ball-stud faces inward. The small bracket will lay flat on the hood's frame as shown with the center of the bracket aligned to the mark you made. The inside edge of the bracket should be aligned with the inside edge of the hood frame as shown in Figure 2 (where the metal round begins). Mark the center of the lower hole using a permanent marker.



B. 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 6. Set bracket aside.

Step 6 - Drill a indexed #11 or 3/16" hole.

A. Carefully drill the lower bracket hole as shown to the right using an **#11 indexed bit** or 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. Since the #11 bit is slightly larger than the 3/16" drill bit, it may require slight reaming to fit the rivet if you do not have access to the #11 drill bit.



Step 7 - 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. Hold bracket in place using a piece of tape at the other end of the bracket.

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 8 - Drill 2nd hole of hood bracket and rivet bracket into place.

A. Use center punch to indent center of upper hole before drilling. Carefully drill the second hole leaving the bracket in place.

Be careful not to drill up through top of the hood. Heed the warnings mentioned earlier.

B. Rivet the upper hole as described in the previous step.



Step 9 - Repeat steps 3-8 and install the passenger side hood bracket.

A. Your hood has a symmetrical under structure. Repeat Steps 3-8 to install the upper passenger side hood bracket. Take your time and verify the measurements using the bracket you just installed.

Step 10 - Position and mark first hole for driver's side fender bracket.

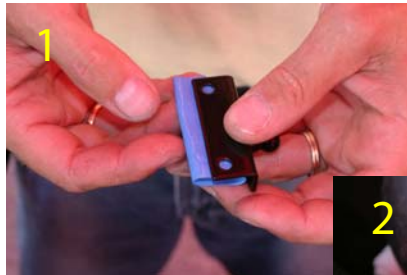
A. Place a piece of masking tape under the bracket as shown in Figure 1.

B. Align the fender as shown in Figures 2 & 3. Measure **1-3/4"** from the start of the fender lip to the the edge of the bracket.

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

D. Mark the center of the right hole using a permanent marker.

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



Step 11 - Drill a indexed #11 or 3/16" hole.

A. Carefully drill the hole as shown to the right using an **#11 indexed bit** or 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. Since the #11 bit is slightly larger than the 3/16" drill bit, it may require slight reaming to fit the rivet if you do not have access to the #11 drill bit.

B. Rivet one side of bracket to fender lip.



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

- Using a permanent marker, mark the second hole of the fender bracket. **Be sure that the bracket is parallel to the fender. Twist to align if necessary.**
- 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 rivet to fender.

- Drill the second hole through the bracket hole.
- Rivet bracket to fender.



Step 14 - Repeat steps 10-13 to attach the passenger fender bracket.

- Repeat Steps 10-13 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 - Cycle gas-springs, then install.

- Have a friend hold the hood up. Remove the stock prop rod assembly at this time.

Cycle each gas-spring before installing. Hold with both hands and firmly press against carpet or something that won't move. (Compress each spring a few times)

- Install the driver's side gas spring with the cylinder 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. Continue holding the hood until Step 16 is completed. **This procedure is most easily completed if the upper ends are snapped onto the ball-studs first and the lower ends are snapped on last.**



Step 16 - Install the gas spring locking clips.

- Insert clip through holes at each end of ball-stud, starting from the inside of the gas spring.
- Slide clip down till it stops with the clip's end sticking out of the end of the ball-stud.
- Rotate clip until it snaps onto shaft.