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1983-88 Ford Ranger Hood QuickLIFT 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
 - * (6) 3/16" multi-grip #2 rivets
 - * (2) ball-studs and washers
 - * (2) hood brackets
 - * Printed Color Instructions
- RT-QL-200-4A with AVM**
PN: 55-00002-B6
PN: 50-00001 & 38-0023-B
PN: 32-00003

Step 2 - Gather the required tools.

Please gather the following tools before you begin the installation:

- * Power Drill
- * 3/16" drill bit
- * 10mm socket and 13mm deep-well socket with wrench
- * Fine permanent marker or felt tip pen
- * Tape measure or ruler
- * Masking tape
- * Hammer & center punch
- * Rivet gun, capable of 3/16" rivets (most brands can handle this size)

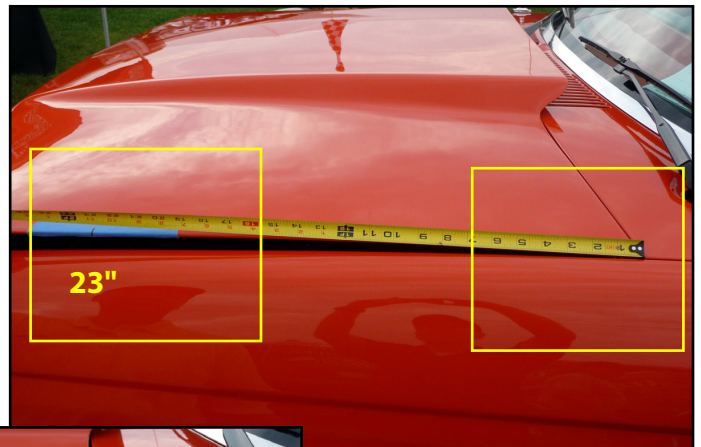
Note: Only use the rivets supplied in the QuickLIFT system.

Step 3 - Mark center of hood bracket location.

A. Lower your hood as shown.

B. Using a piece of masking tape and a permanent marker, carefully measure from the hood's front corner as shown and along edge. Measure a distance of **23"** and put a mark on tape at this distance.

This mark will be used to align the center of the bracket in the next step.

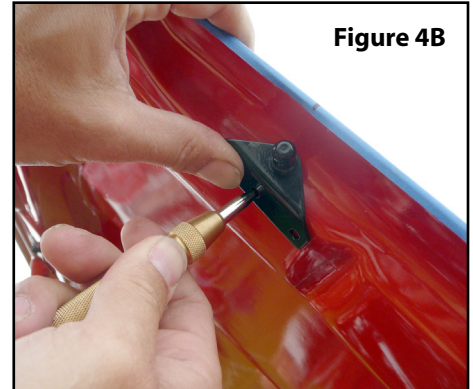
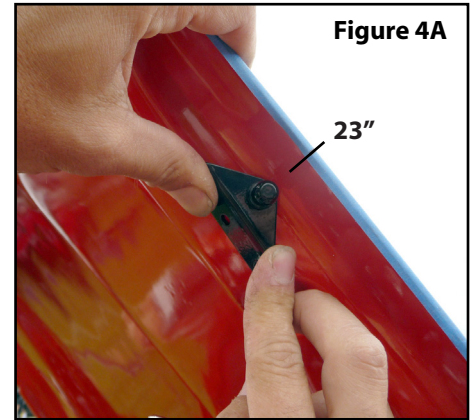


Step 4 - Align bracket and mark center hole for drilling.

A. Align the center of the bracket with the mark you just made on the hood. You will need to view the hood directly from the side as shown in **Figure 4A**. The bracket should sit on the flat hood frame with the ball-stud wrapping up and around the frame aiming outward.

B. Holding bracket in place, 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 (this indentation will help guide the drill bit and keep it from wandering).



Step 5 - Drill a 3/16" hole where marked.

A. Carefully drill the hole as shown to the right using a **3/16"** drill bit.

Rivet should fit very tightly into the hole - wiggle while pushing it into hole.

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 6 - Rivet center of bracket to hood frame.

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 - 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 & lower holes

A. Reposition or rotate bracket into the proper position against hood lip. Carefully drill and rivet both upper and lower holes through bracket hole and hood frame. Rivet first before moving onto last.

Wrap end of drill bit 1/4" down from tip with electrical tape to keep drill bit from pulling through and hitting hood skin.

Step 8 - Install passenger side hood bracket

A. Repeat steps 3-7 and install the passenger side hood bracket. Verify both brackets are installed correctly before proceeding to fender.

Step 9 - Install fender ball-stud and remove prop rod.

- A. Remove rear fender bolt as shown using a 10mm socket or wrench.
- B. Using a 13mm or 1/2" socket drive for the ball-stud, install the ball-stud/washer securely to the fender. Repeat for passenger side.



Step 10 - Install gas springs onto fender ball-studs.

- 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 - aiming toward windshield.
- 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.

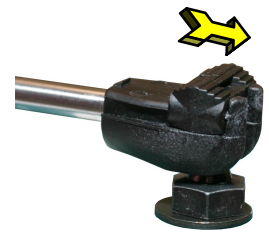


A. Snap on socket

* SLIDING LOCK MUST BE ON TOP WHEN HOOD IS LOWERED



B. Lower gas spring



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

D. Snap on the large end of the gas spring to the hood's ball-stud.



To remove gas springs:

Slide a small flat blade screw driver under the metal c-clip on the back of the end-fitting. Slowly twist and pull the gas spring from the ball-stud while prying c-clip (DO NOT REMOVE C-CLIP). Gas spring will pop off of ball-stud. Press c-clip back into position and the gas spring is ready to reinstall.