



2002-2005 Mitsubishi Lancer Trunk QL 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 springs - Part No. RT-QL-200-4A
- * (4) 3/16" Multi-grip Rivets
- * (6) 3/16" Aluminum rivets (high adhesion - used for trunk brackets)
- * (2) lower Steel brackets - 90 degree angle
- * (2) upper trunk Steel brackets - angled & ball stud pointing outward.
- * Printed Color Instructions
- * Gas Spring clips (these are already installed in the gas spring ball ends - remove before assembly

DO NOT LOSE THE LOCKING CLIPS - they disappear when dropped!



Step 2 - Gather the required tools.

Please gather the following tools before you begin the installation:

- * Power Drill
- * 3/16", indexed #11 drill bits
- * Fine permanent marker or felt tip pen
- * Tape Measure or ruler
- * 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 centerline for the trunk bracket.

A. Place a long piece of masking tape along the trunk gap as shown starting on the passenger side of the vehicle.

B. Using a permanent marker, measure from the trunk's hinge corner and place a mark on the fender tape at exactly **14-7/8"**.

This mark will be used to mark the centerline of the upper trunk bracket - the angled bracket with the ball-stud pointing outward will be used in the next step.



Step 4 - Mark center hole for drilling.

A. Hold the bracket so that the ball-stud is aligned with the hood tape mark. Then mark the center of the middle hole using a permanent felt tip marker. **Be sure the bracket is wrapped around the lip and tucked up as close to the trunk skin as possible.**

B. 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).

Place bracket back in place to be sure it is still centered where it should be.



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

A. Carefully drill the center 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 the 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 to prevent the bit from denting the hood skin. Use new and sharp bits!



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Step 6 - Rivet bracket to trunk.

A. Hold the bracket in position.

B. With the bracket lined up again, place a 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 force on rivet and bracket, firmly squeeze riveter handle multiple times until rivet gun pops and snaps off the rivet stem.



Riveting Tips:
Visit <http://www.redlinetuning.com/QL-tips.html>

Step 7 - Drill and rivet the other two holes.

A. Reposition or rotate bracket into the proper position against the fender lip. Carefully drill the other two holes through bracket hole and hood - then rivet into place.

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 - Repeat steps 3-7 and install the driver's side trunk bracket.

A. The trunk has a symmetrical under structure. Repeat Steps 3-7 to install the bracket on the driver's side of the trunk. Take your time.

Step 9 - Position and mark first hole for passenger side lower trunk bracket.

A. Hold the bracket in position as shown to the right. The bracket should be tucked up under the weather stripping - photo 9B shows just how far under the weather stripping the bracket should sit. The ball-stud should be pointing outward or away from the vehicle.
Use the photos to right for exact placement.

B. Then tap the center of the upper hole using a center punch - this will help guide the drill bit when drilling the hole in the next step.



PHOTO 9A



PHOTO 9B



PHOTO 9C

Step 10 - Drill upper or right hole using #11 indexed or 3/16" drill bit.

A. Drill the upper or right hole at the marked position using a sharp **#11 indexed** or **3/16"** drill bit. **Test fit rivet through bracket and hole - may require a few twists to get it in, otherwise lightly ream the hole with the drill bit until it fits snugly through the hole.**

B. Set bracket aside and apply silicon sealant to the hole you just drilled - This is required so that water does not seep through the holes and into the trunk.



Step 11 - Attach the bracket to the fender.

A. Rivet the upper side of the bracket to the vehicle using the multi-grip rivets (4 included, they have the gold colored shaft).

B. Rotate the bracket into position as shown in the photo 11C. Leave the gap shown on the lower end - about the width of the rivet stem - this is necessary to give proper clearance for the gas springs.

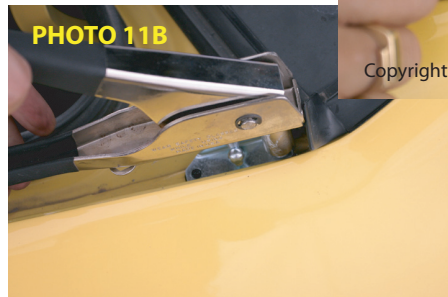


PHOTO 11C

Step 12 - Drill second hole and attach bracket.

- A. Drill the second hole at the marked position using a **#11 indexed** or **3/16"** drill bit.
- B. Rivet the bracket into place using the multi-grip rivets supplied (gold stem shown on page 1).



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Step 13 - Repeat steps 9-12 to attach the driver's side trunk bracket.

- A. Repeat Steps 9-12 to attach the driver's side trunk 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 14 - Cycle both gas springs - then install

- A. **CYCLE EACH 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. Do this to both springs. 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 cylinder at the bottom (large end down as shown). Be sure that the sockets snap securely onto the ball studs. Have a friend remain holding the trunk up until Step 15 is completed.

Step 15 - Install the gas spring locking clips.

- A. Insert the gas spring locking clips as in the opposite fashion they were removed. Slide pin through both holes starting at the inside edge of the ball-stud. Then rotate and snap the round clip onto the ball-stud. Do this for all four ball-studs.

Carefully check over your installation to be sure it was completed properly, then slowly lower your trunk to check for clearance issues. Enjoy your trunk QuickLIFT from Redline Tuning.

