



2000-2004 Mitsubishi Eclipse 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 springs - Part No. RT-QL-120-10A
 - * (4) 5/16" head self-tapping screws
 - * (2) 3/16" steel rivets for fender bracket
 - * (2) lower steel brackets - small bracket
 - * (2) upper trunk steel brackets - 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" drill bit - SHARP and NEW!
 - * 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 - Align bracket and mark hole for the driver's side hood bracket.

A. Raise hood and prop using prop rod.

B. Hold the hood bracket in place as shown. The top edge of the bracket should be aligned to the top edge of the hood's hinge bracket - the ball-stud should be pointing outward or away from vehicle.

C. Using a permanent marker, mark the center of the upper hole - verify that it is in the center of the hole as there will not be any room to slide the bracket once the hole is drilled.



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Step 4 - Mark upper hole for drilling.

A. 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 once the hole is drilled.



Step 5 - Drill 3/16" hole through hinge and lower hood frame.

A. Carefully drill the upper bracket hole as shown to the right using (**3/16" drill bit**). You may need to have a friend hold up the hood higher than the prop rod allows to gain clearance. Use a very sharp 3/16" drill bit. You also may find it easier to drill the holes if you use a right-angle drill.

Step 6 - Screw the upper or right end of bracket to hood.

A. Hold the bracket in position.

B. With the bracket lined up again, insert a self-tapping screw in the hole and attach upper end of bracket. Use a 5/16" socket and wrench to thread the screw. If you have a 5/16" socket made with a drill attachment, you can use your drill to attach the screw - this will speed up the threading process.



Step 7 - Drill and screw the lower end.

A. Reposition or rotate bracket into the proper position against hood lip. Carefully drill the second hole through bracket hole and hood - then screw bracket into place.

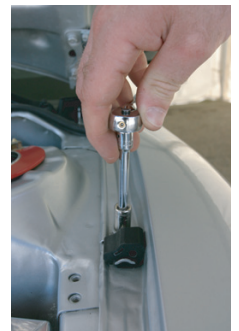


Step 8 - Repeat steps 3-7 and install the passenger side Hood bracket.

A. Your vehicle is symmetrical. Repeat Steps 3-7 to install the passenger hood bracket. Take your time to ensure that both sides are installed in the exact same location.

Step 9 - Remove fender bolt on driver's side.

B. Remove the fender bolt on the driver's side of the vehicle.



Step 10 - Attach left or lower end of fender bracket.

- A. Hold the bracket in position as shown to the right. Screw the fender bolt back into place through the left or lower hole in the bracket. The ball-stud should be facing inward or toward the engine.
- B. Tap the center of the right hole to indent it for drilling.



Step 11 - Drill 3/16" hole then rivet into place.

- A. Realign the bracket so that it is parallel to the fender. Drill a **3/16"** hole through the bracket and fender.
- 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.



Step 12 - Repeat steps 9-11 to attach the passenger fender bracket.

- A. Repeat Steps 9-11 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 13 - Install gas springs.

- A. Have a friend hold the hood up. Remove the stock prop rod assembly at this time.
- B. Install the driver's side gas-springs with the cylinder at the top (large end up and connected to the hood ball stud). Be sure that the spring sockets snap securely onto the ball studs. Continue holding the hood until Step 14 is completed. **This procedure is most easily done if the upper ends are snapped onto the ball-studs first and attach the lower ends last.**



Step 14 - Install the gas spring locking clips.

- A. Insert the gas spring locking clips.

Start with the passenger side. Snap the ball-stud onto the hood bracket and install locking clip. Then install the fender locking clip. On the driver's side, reverse this procedure and install the locking clip on the fender ball stud prior to snapping on the hood end and locking clip.