



Manual Rev.
1.01
1/22/05

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Scion xA 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:

- * (1) Gas springs - Part No. RT-QL-145-6A
- * (2) Threaded ball studs
- * (4) Washers
- * (2) Locking nuts
- * Printed Color Instructions

Step 2 - Gather the required tools.

Please gather the following tools before you begin the installation:

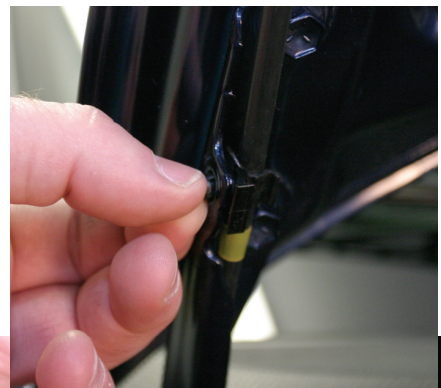
- * Power Drill
- * 5/16" & 3/8" drill bits - SHARP and NEW!
- * 13mm socket and socket wrench
- * 13mm open end wrench

Step 3 - Remove plastic trim and washer hose guide clip on hinge.

A. Raise hood and prop it using prop rod for the last time.

B. Remove plastic beauty trim along the upper passenger fender line. It is clipped in on the top near the hinge and along the bottom front. This piece will not be reinstalled as it would interfere with the tight tolerance of the QuickLIFT - store this item away.

C. Remove washer hose clip from the passenger hinge. This hole will be used to attach the upper ball-stud.



Step 4 - Drill out washer clip hole using 5/16" drill bit, then 3/8" drill bit.

A. Be sure that the washer hose is pushed back out of the way. Using a 5/16" drill bit, carefully drill out the hole where the washer clip was just installed.

B. Once you drill using the 5/16" bit, drill again using a 3/8" drill bit. This will slightly enlarge the hole.



Step 5 - Clean and touch up hole using vehicle touch up paint.

A. Clean the work area around the hole you just drilled. Using touch up paint supplied with your vehicle, touch up the hole you just drilled. Allow to dry before starting the next step.



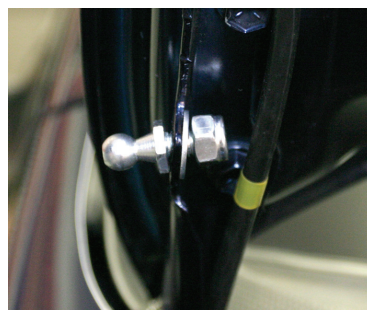
Step 6 - Install the ball-stud onto hood hinge.

A. Gather one ball-stud, one washer and one locking nut.

B. Install the ball-stud through the hole with the stud pointing outward or away from the vehicle with the washer and locking nut on the inside.

C. Be sure to position the ball-stud closest to the hood in the hole - shown to the right.

D. Using the 13mm socket and wrench, tighten down the ball stud.



Step 7 - Tuck washer hose behind locking nut.

A. Tuck the black washer hose back behind the locking nut. This will hold the hose in place. You will not need the washer clip that was originally installed in this hole - please store this item away.



Step 8 - Attach lower fender stud as shown.

- A. Gather the remaining ball stud, washers and locking nut.
- B. Locate the hole in the fender lip just above the headlight mounting screw. There should be two washers on top of the fender lip and one on the bottom, with the nut attaching it all together.



Step 9 - Attach the assembly together using 13mm wrenches.

- A. Attach the ball stud and the locking nut together using the same socket wrench and open ended wrench.



Step 10 - Install gas spring.

- A. Have a friend hold the hood up.
- B. Install the gas spring with the cylinder at the top (large end up and connected to the hood ball stud). Be sure that the gas-spring sockets snap securely onto the ball studs. **This procedure is most easily done if the upper end is snapped onto the ball-stud first and attach the lower ends last.**



Step 11 - Optional

- A. Remove prop rod.
- B. Rotate rod toward center of engine. Pull rod toward center and it will come free from the mount.

