

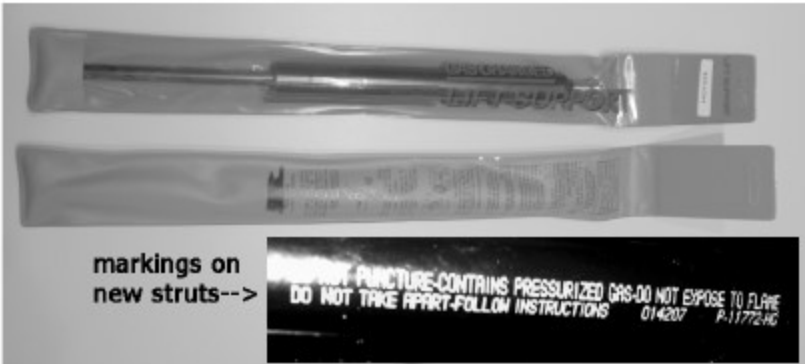
Trunk Strut Replacement Lexus SC430 (2004) November 2007

Disclaimer

These notes were made for my use. If you choose to use them, you do so at your own risk. Using these notes means that you assume all responsibility for safety and property. I am not a professional mechanic.

Parts:

Struts (also called gas springs or lift cylinders) from Lift Supports Depot.com
PN 10745. 2 struts for \$65.50



Retaining Pin



Top Strut Socket



Bottom Strut Socket



Tools:

Small and large standard screwdrivers
Shop light
Second person to support trunk (Do not use a prop)



1. Confirm that the struts match the OEM struts.
2. Remove the retaining pins, 2 per strut. Keep them safe.
3. With the second person supporting the trunk lid, locate the retaining clip on the top of the OEM strut. Use a screwdriver to push the retaining clip up.
4. Pull the strut way from the ball connector. (Caution: the person holding it will support the weight of the trunk lid – be ready.)
5. Repeat steps for the lower part of the strut, and remove the strut.



Bottom Socket

Ball Connector

Trunk Strut Replacement
Lexus SC430 (2004)
November 2007
PAGE 2

6. With the retaining pin removed, push the bottom of the new strut socket onto the ball connector. Make certain the strut is fully seated on the ball. It should move and rotate on the ball with very little friction.
7. If you are very good with long nose pliers, you can try to insert the retaining pin now, but don't drop the pin! Consider waiting until step 11 to put the lower pins in.
8. With the retaining pin removed, push the top strut socket onto the ball connector.
9. Insert the retaining pin into the top strut socket. (Give the person holding the trunk a break)
10. Repeat steps 3 through 9 for the other strut.

Caution: Without the pins in place, and with the struts compressed, there is a chance that the struts could slip off of the ball connectors with dangerous force.

11. To insert the retaining pins, close the trunk, and start the process for opening the convertible top. Stop the process once the truck lid is raised to the vertical position. Turn the car off and remove the key.
12. Put the retaining pins into the lower strut sockets.
13. Close the convertible top.

Large screwdriver
to seat lower
socket



Put pin in



Put lower
pin in



Strut



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