

7929 Lincoln Ave. Riverside, CA 92504
Phone: 951.689.ICON | Fax: 951.689.1016

PART #	DESCRIPTION
56110	LEXUS GX460/GX470 REAR COIL CONVERSION KIT

COMPONENTS INCLUDED	
(2) 157021 GX460/GX470 SPRING BLOCK	(2) 155519 GX460/GX470 COIL ISOLATOR
HARDWARE INCLUDED	
(2) 605321 1/2-13 NYLOCK NUT (2) 605330 1/2 SAE FLAT WASHER	(2) 605344 1/2-13 X 1.75 BOLT
TOOLS REQUIRED	
FLOOR JACK JACK STANDS TORQUE WRENCH LONG WIRE 5/16" ALLEN	12MM SOCKET / WRENCH 17MM SOCKET / WRENCH 19MM SOCKET / WRENCH 3/4" SOCKET / WRENCH
TECH NOTES	
<p>1. (56110) COIL CONVERSION KIT TO BE USED IN CONJUNCTION WITH ICON (52700) 2" COIL SPRING KIT OR ICON (52800) 3" COIL SPRING KIT.</p>	



WARNING!

**** READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!**

**** ICON VEHICLE DYNAMICS RECOMMENDS THAT YOU EXERCISE EXTREME CAUTION WHEN WORKING UNDER A VEHICLE THAT IS SUPPORTED WITH JACK STANDS.**

**** ICON VEHICLE DYNAMICS RECOMMENDS ALL INSTALLATION TO BE PERFORMED BY A PROFESSIONAL SHOP/SERVICE TECHNICIAN. PRODUCT FAILURE CAUSED BY IMPROPER INSTALLATION WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.**

INSTALLATION

- Using a properly rated jack, raise the rear of the vehicle and support the frame rails with jack stands. Ensure the jack stands are secure and set properly before lowering the jack. NEVER WORK UNDER AN UNSUPPORTED VEHICLE. Remove the rear wheels. Disconnect the negative terminal from the battery.
- Using a jack, support the rear axle then disconnect the sway bar links from the axle using a 12mm. Disconnect the shocks from the rear axle using a 17mm. Remove the clips that hold the ABS wires and brake lines to the axle. This is necessary to create enough room to install the new springs.
- Remove the track bar bolt at the axle to allow the rear end to cycle to full extension using a 19mm.
- Disconnect the plastic air hoses from the air tank as shown. [FIGURE 1 & 2]

FIG.1



FIG.2



- Disconnect the air lines from the frame connectors that hold the lines in place between the airbag and the air tank.

6. Using a long straight wire, create a hook on one end. Slide the wire between the frame and body as shown and hook the metal clip holding the airbag to the frame. Pull the clip out to release the airbag. [FIGURE 3 & 4]

FIG.3



FIG.4



7. Carefully remove the airbag from the vehicle.

8. With the coils removed, mount the spring block to the axle using the supplied hardware. Torque to 50 ft-lbs using a 5/16" Allen and a 3/4".

9. Locate fuse panel under dash on driver side and remove cover. [FIGURE 5]

FIG.5



10. Using the schematic on the back of the fuse panel cover, locate the TEMS fuse. [FIGURE 6]

FIG.6



11. Remove the 20A fuse. [FIGURE 7 & 8]

FIG.7



FIG.8



12. Locate the relay box next to the fuse box under the hood. [FIGURE 9]

FIG.9



13. Remove the relay box cover and remove the rear-most relay.

FIG.10



FIG.11



14. Disconnect the shock at the connector as shown.

FIG.12



15. Install coils using supplied coil instructions.

16. Install shocks using supplied shock instructions.

17. Reconnect the negative battery terminal.

VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 100 MILES AND PERIODICALLY THEREAFTER.

ICON VEHICLE DYNAMICS LIMITED LIFETIME WARRANTY

ICON Vehicle Dynamics warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. ICON Vehicle Dynamics does not warrant the product for finish, alterations, modifications and/or installation contrary to ICON Vehicle Dynamics instructions. ICON Vehicle Dynamics products are not designed, nor are they intended to be installed on vehicles used in race applications, for racing purposes or for similar activities. (A "race" is defined as any contest between two or more vehicles, or a contest of one or more vehicles against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America and Canada.

ICON Vehicle Dynamics' obligation under this warranty is limited to the repair or replacement, at ICON Vehicle Dynamics' discretion, of the defective product. Any and all costs of removal, installation or re-installation, freight charges and incidental or consequential damages are expressly excluded from this warranty. Items that are subject to wear are not considered defective when worn and are not covered.

ICON Vehicle Dynamics components must be installed as a complete kit as shown in our current application guide. Any substitutions or exemptions of required components will immediately void the warranty. Some finish damage may happen to parts during shipping and is not covered under warranty.

This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been improperly installed, modified or customized subject to accident, negligence, abuse or misuse.



ICON VEHICLE DYNAMICS®
PERFORMANCE SUSPENSION SYSTEMS AND SHOCK ABSORBERS

7929 Lincoln Ave. Riverside, CA 92504 Phone: 951.689.ICON Fax: 951.689.1016
www.iconvehicledynamics.com



FOLLOW US ON FACEBOOK!

