

ALL PARTS ARE TO BE INSTALLED BY A CERTIFIED ASE TECHNICIAN



2001-2006 Lexus LS430

Air Suspension Coil Spring Conversion Kit

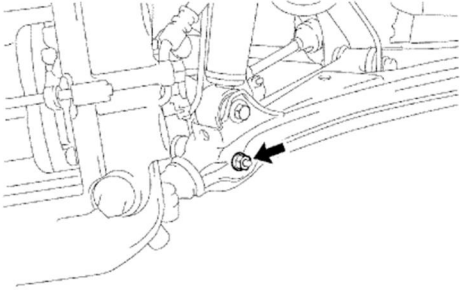
69T-31-4



Before you begin the removal or installation, please read all or the instructions thoroughly!
The warranty will be void if instructions are not followed exactly. Do not work under a vehicle supported by a jack.
Always support the vehicle safety standards.

SHOCK ABSORBER ASSEMBLY FRONT REPLACEMENT

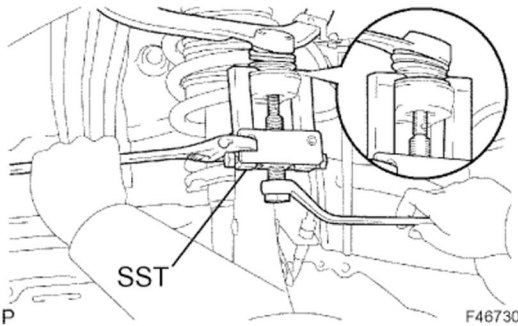
1. Remove front wheels.



2. Separate front stabilizer link assembly.

Support the suspension lower arm with a jack using a wood block to avoid damage.

Remove nut and washer and separate the stabilizer line assembly.

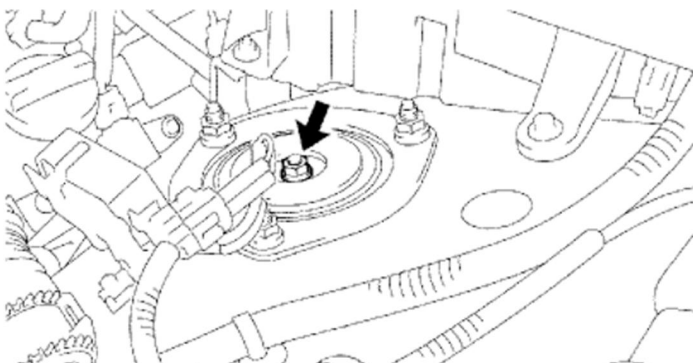


3. Separate steering knuckle.

Remove the clip and castle nut.

Using SST, separate the upper ball joint from the steering knuckle.
SST 09628-62011

Remove front shock absorber with coil spring.

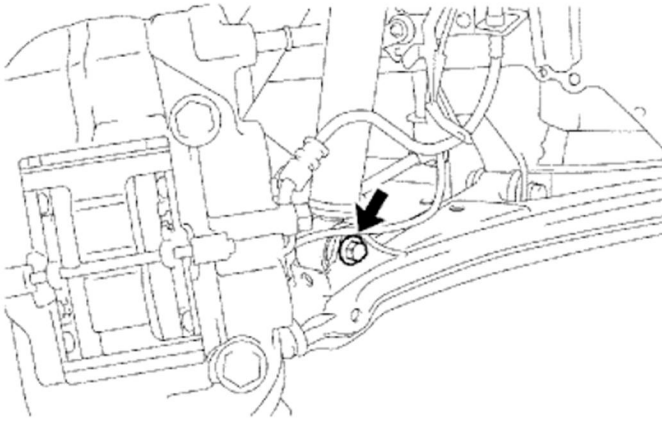


4. Loosen the lock nut.

NOTICE:

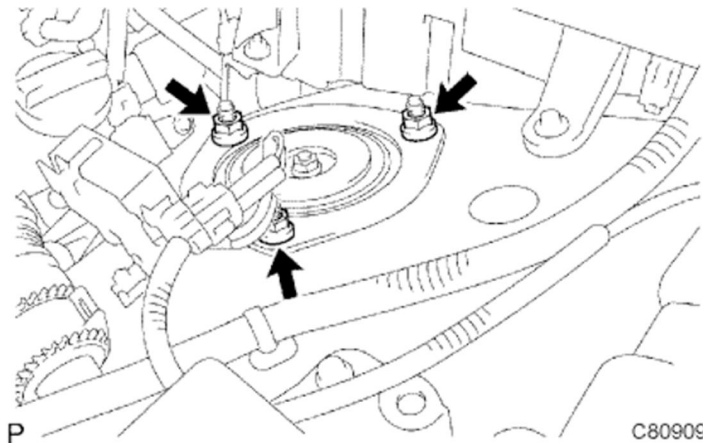
Do not loosen the lock nut except when removing the shock absorber assembly front with coil spring.

Do not remove the lock nut.



Remove the front shock absorber with coil spring lower side nut.

NOTICE: Do not remove the bolt.



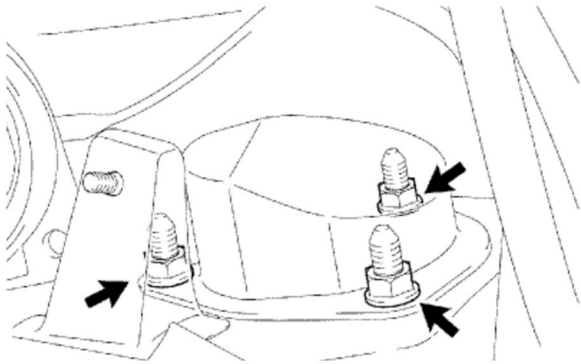
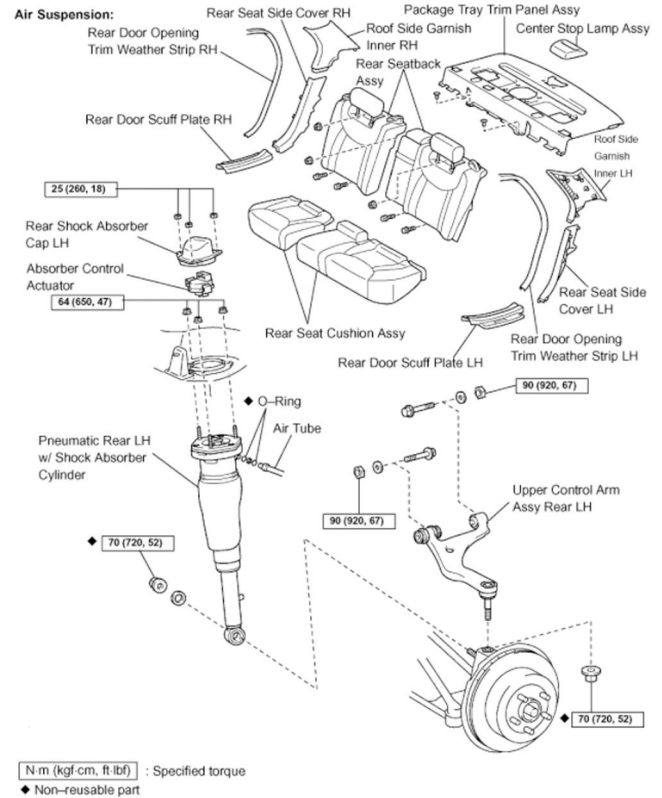
5. Remove the 3 nuts on the upper side of the front shock absorber with coil spring.

6. Let it down slowly to remove the bolt and front shock absorber with coil spring.

7. Install in reverse order.

REAR SHOCK REMOVAL AND INSTALLATION

1. Remove rear seat cushion assembly.
2. Remove rear seatback assembly
3. Remove rear door scuff plate RH & LH
4. Remove rear door opening trim with weatherstrip RH & LH.
5. Remove rear seat side cover RH & LH.
6. Remove roof side garnish inner RJ & LH.
7. Remove center stop light assembly.
8. Remove package tray trim panel assembly.
9. Remove rear wheel.



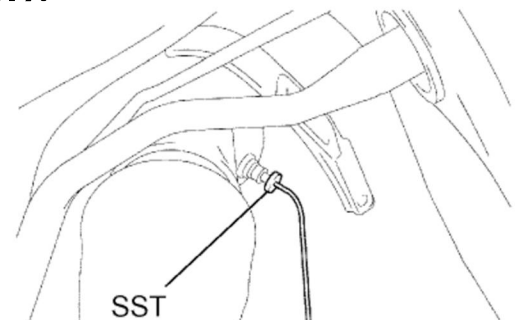
10. Remove rear shock absorber cap retension nuts on RH & LH.
11. Remove shock absorber control actuator by turning the control actuator counter clockwise 40 degrees and removing it.
12. Remove pneumatic rear shock absorber assembly.

Support the rear axle carrier with a jack.

Remove the rear tire house cover.

Disconnect the connector No. 1.

**Using SST, disconnect the air tube.
SST 09730-00010**

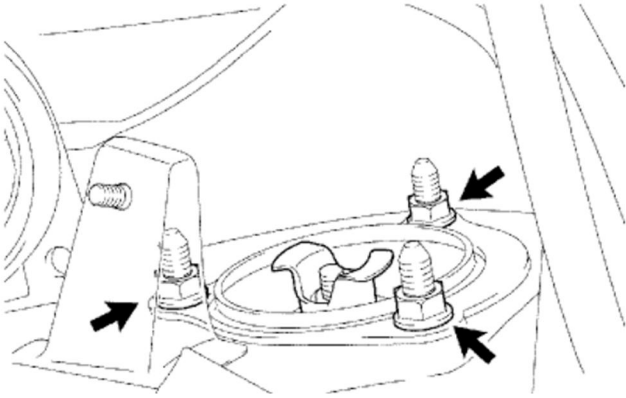




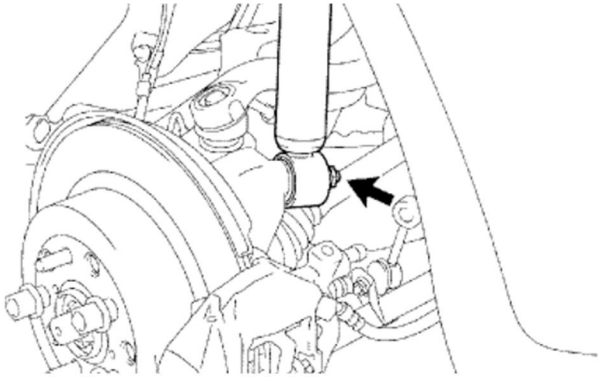
BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, PLEASE READ ALL OF THE INSTRUCTIONS THOROUGHLY!

THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER A VEHICLE SUPPORTED BY A JACK.

ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.



13. Remove the pneumatic rear shock absorber cylinder assembly upper side 3 nuts.



14. Remove the pneumatic rear shock absorber assembly lower side nut. Let it down slowly to remove the pneumatic rear w/ shock absorber cylinder assembly.

15. Install in reverse order.