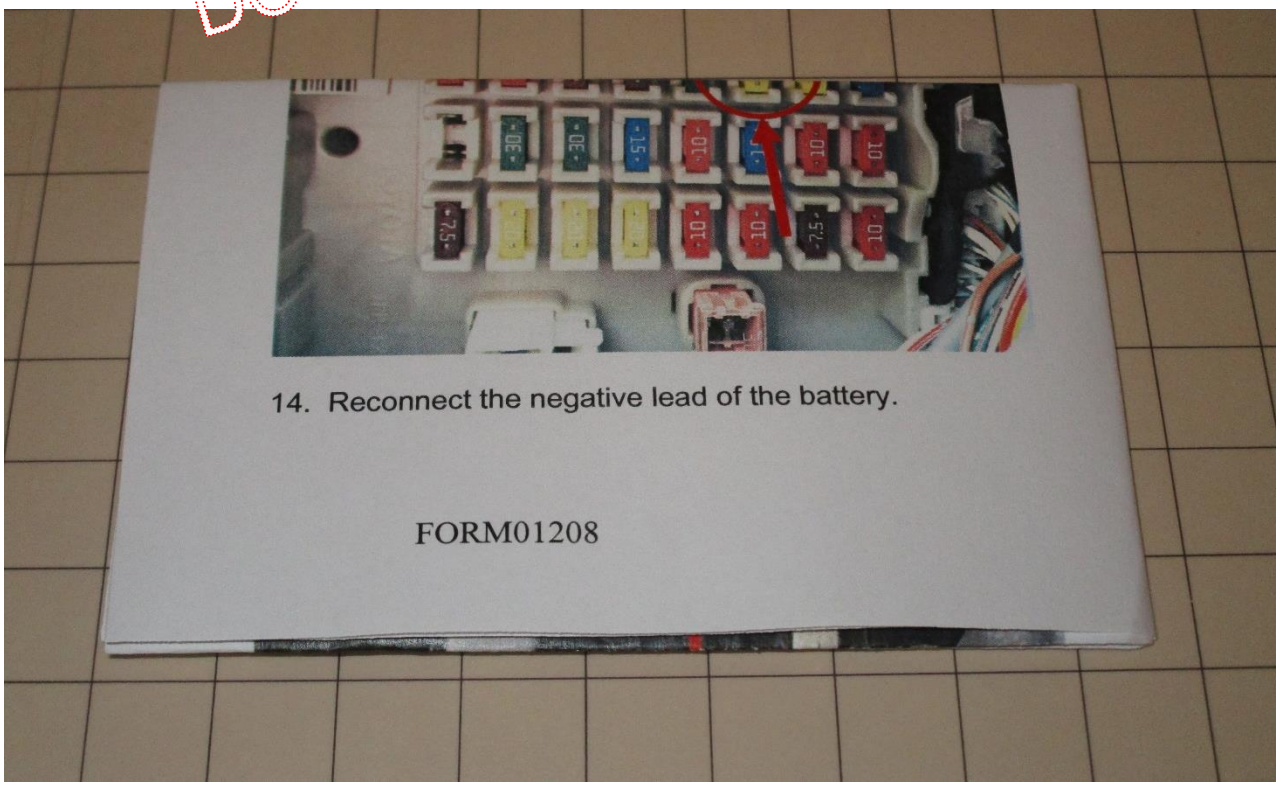
FORM01208

PAPER:	16# WHITE BOND OR BETTER
SIZE:	8 1/2” x 11”
PRINT:	2 SIDED
COPY:	REFERENCE FOLLOWING PAGES FOR COPY
INK COLOR:	BLACK TEXT
	PHOTOS TO BE COLOR
FOLDED SIZE:	2 3/4” X 4 1/4"
FOLDING:	8-PANEL
	ITEM TO BE FOLDED AS SHOWN IN PHOTO BELOW,
	WITH PART NUMBER SHOWING.
MARK CARTON WITH:	FORM NUMBER
	QUANTITY



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CONVERSION KIT INSTRUCTION SHEET – ENGLISH ONLY

Rear Air Spring System on:
2003-2009 Lexus GX 470
2003-2009 Toyota 4Runner

- Read this instruction sheet and any instructions printed on the parts package carefully prior to removing the components from the vehicle.
- Part number on shock or spring may differ from part number on carton. The contents are correct for the vehicle.

W A R N I N G !

- Do not attempt to service or remove the air spring from suspension if still containing air. Release the air from the spring before servicing.
- If the shocks supplied are nitrogen gas pressurized, do not heat or open.
- Always wear safety glasses for eye protection.
- Use safety stands whenever a procedure requires you to be under a vehicle.
- Before servicing any electrical component ensure the key is out of the ignition, ignition is off and the negative lead is disconnected from the battery. Refer to the owner's manual for the correct procedure.

OVERVIEW:
This kit replaces the rear air springs on vehicles listed above. This will abort the air springs, replacing them with conventional coil springs that provide a complete and thorough conversion plus eliminates the pump system. The components in this kit are designed to replace the worn or non operational original equipment components in the vehicle.
Inspect all parts as removed from the cartons for correct quantity and damage. Obtain replacements if necessary. This system does not eliminate the electronic dampers or any warning messages associated with that part of the system.

RIDE HEIGHT:
The original ride heights of these vehicles may vary with age and mileage. Measure and record existing height, this is measured from center of the wheel to the bottom of the fender well opening lip **with height control set at normal mode (N)**. This should be approximately 20.5". The ride height could be considerably higher or lower if the air suspension is not functioning properly. After kit installation, the ride height may be equal or exceed factory measurements, but will settle to factory specification after several days. Keep in mind a coil spring may sit higher than an air spring when unloaded.

	Before	**After**
LH REAR	_____	_____
RH REAR	_____	_____

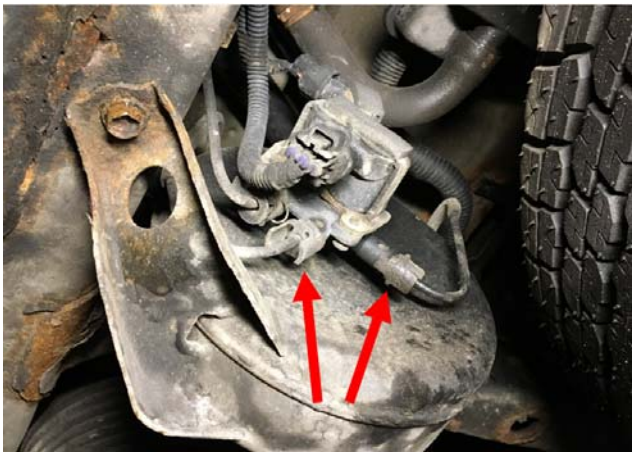
REMOVAL PROCEDURE FOR AIR SPRING and SHOCK ABSORBER:

1. Disable the air suspension system by pressing the off button near the gear selector on the center console (refer to owner's manual)

2. Raise vehicle by frame at proper lift points, (consult owners manual if necessary) and make sure the vehicle is properly supported.

3. Remove the clip on the top side of the air spring.
Note: If the clip is difficult to remove, thread a wire through the hole to pull it, or use a flat file between the body and frame above the tire to force the clip off.

4. Disconnect the air lines from the height control valve near the left rear frame rail and spare tire. Squeeze the tabs on the air line connector and pull out of the way. Then insert Toyota tool SST 09730-00010 to expand the claw in the housing and pull out the air line (or cut the air line). This will deflate the air springs.



5. Remove the air spring assembly along with the air line.

6. If desired seal off air line ports on the height control valve to prevent contaminants from entering the opening.

7. Support the axle with floor jack or adjustable stands. Remove the shock absorber lower mounting bolts and save for reuse.

ASSEMBLY AND INSTALLATION OF COIL SPRING:

8. Lower the rear axle enough to allow the coil springs to be installed. Install new coil springs with the larger diameter coils facing up and the lower end of the pigtail should be parallel to the axle.

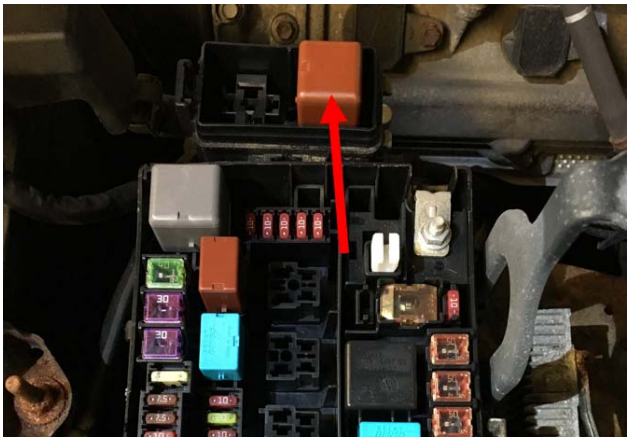
9. Carefully raise the rear axle and reattach the lower shock mounting bolts. Caution: Take care that vehicle weight does not shift off frame supporting points when lifting the axle.

10. Remove rear axle supports.

11. Remove all safety stands and lower vehicle. Torque the lower shock mounting bolts to 72 ft-lbs (98 Nm).

DISABLING AIR SUSPENSION SERVICE MESSAGE:

12. Remove the air compressor relay located in the left side of engine compartment. This will prevent operation of the air compressor.



13. Remove the 20 amp TEMS fuse located in the driver side junction box near the lower left end of dash. This will prevent the height control portion of the instrument panel from illuminating.

14. Reconnect the negative lead of the battery.