



For ALL Your Air Suspension Needs!!!

Lincoln Continental '84-'87

Lincoln Mark 7 '84-'92



36F-30-F

Front Conversion kit

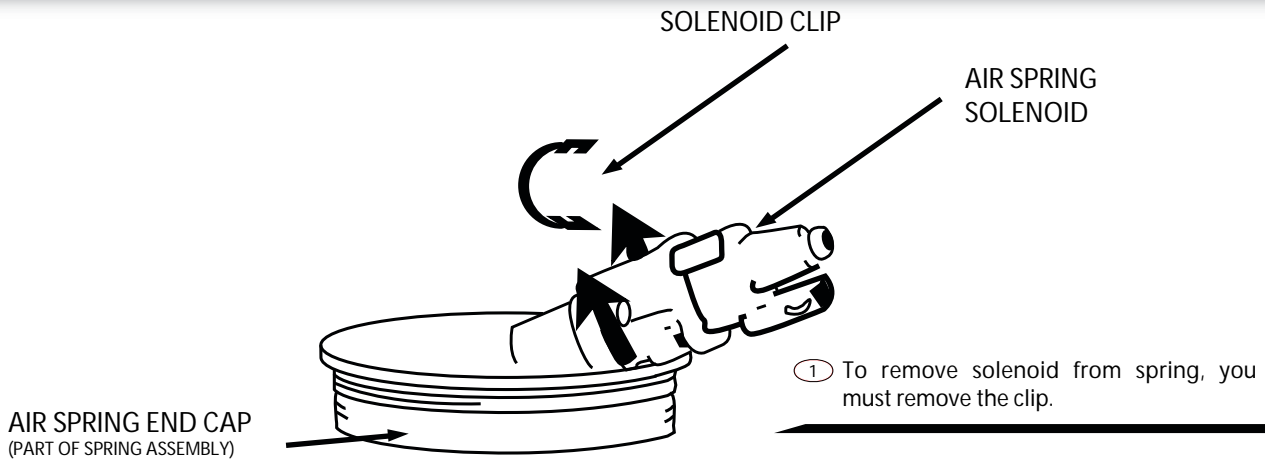


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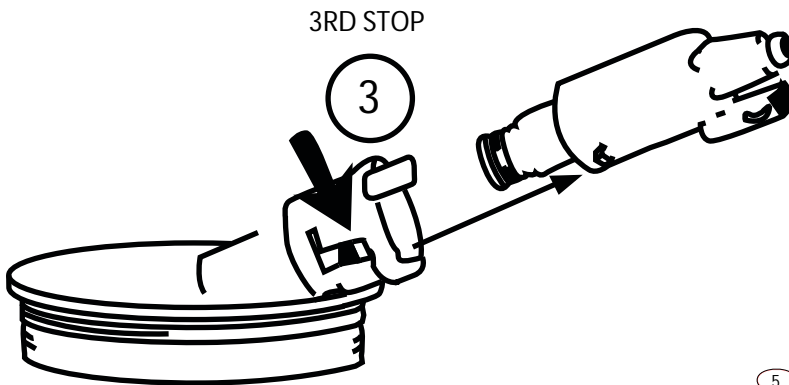
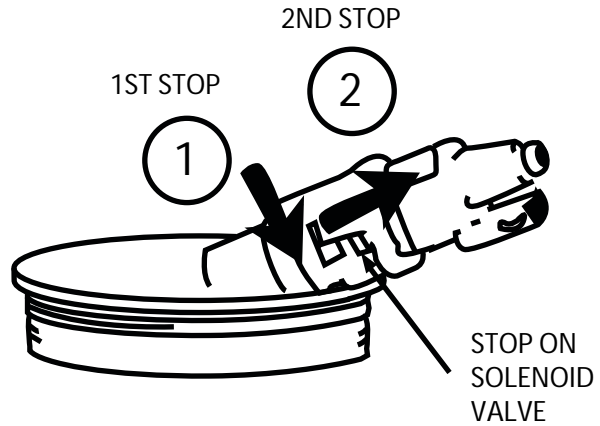
WARNING:

BEFORE YOU BEGIN THE REMOVAL OR INSTALLATION, READ ALL INSTRUCTIONS THOROUGHLY! THE WARRANTY WILL BE VOID IF INSTRUCTIONS ARE NOT FOLLOWED EXACTLY. DO NOT WORK UNDER CAR UNDER A VEHICLE SUPPORTED BY A JACK. ALWAYS SUPPORT THE VEHICLE ON SAFETY STANDS.

- 1** First, turn off air suspension switch in trunk, then remove the negative terminal connection at the battery.
- 2** Remove wheels and drop the lower control arm. (You can do this by removing the stabilizer bar with 2 rubber bushings at end.)
- 3** Take the 3 top nuts that hold strut tower under hood.
- 4** Push down on strut and pull it outwards to the side, and remove airbag.
- 5** Remove the bracket to the brake line, so the line will not be broken by stretching when lowering the control arm. (If you need more room to lower the control arm pull the brake assembly from spindle and set aside.)
- 6** Remove the metal clip at bottom of air spring.
- 7** Push in on red button around the airline at the solenoid, and pull out by hand. (You can tape off the line and tie strap off, so the air system could be returned in the future if desired.)
- 8** Use a screwdriver to release the plastic clip on the top mount, turn and unlock the top of air spring.
- 9** Once the air spring is removed, install the upper and lower mounts as per the diagram on page 3.
- 10** The mounts are delivered taped in the spring to demonstrate placement.
- 11** Set the spring in place and jack the lower control arm and install the nuts and or bolts.
- 12** If you are going to continue using the rear airsprings, turn the switch back on in the trunk once the car is back on the ground and the battery cable reattached. If the ride control light comes on, locate the body. Open and close driver's door and turn on the ignition switch to reset the computer.
- 13** Remove air spring solenoid as outlined on page 2.
- 14** If replacing front spring, remove spring to lower control arm retaining clip. If replacing rear spring, remove retaining clip and /or bolts.
- 15** Push down on air spring collar spring clip, then rotate collar counterclockwise until spring releases from body spring seat.
- 16** Remove spring from vehicle.



- ② Rotate valve counterclockwise to 1st stop.
- ③ Pull solenoid straight out slowly until all air is deflated from air spring.
- ④ Once deflated, rotate counterclockwise to 2nd stop.



DO NOT REMOVE
UNTIL AIR IS EXHAUSTED
FROM SPRING

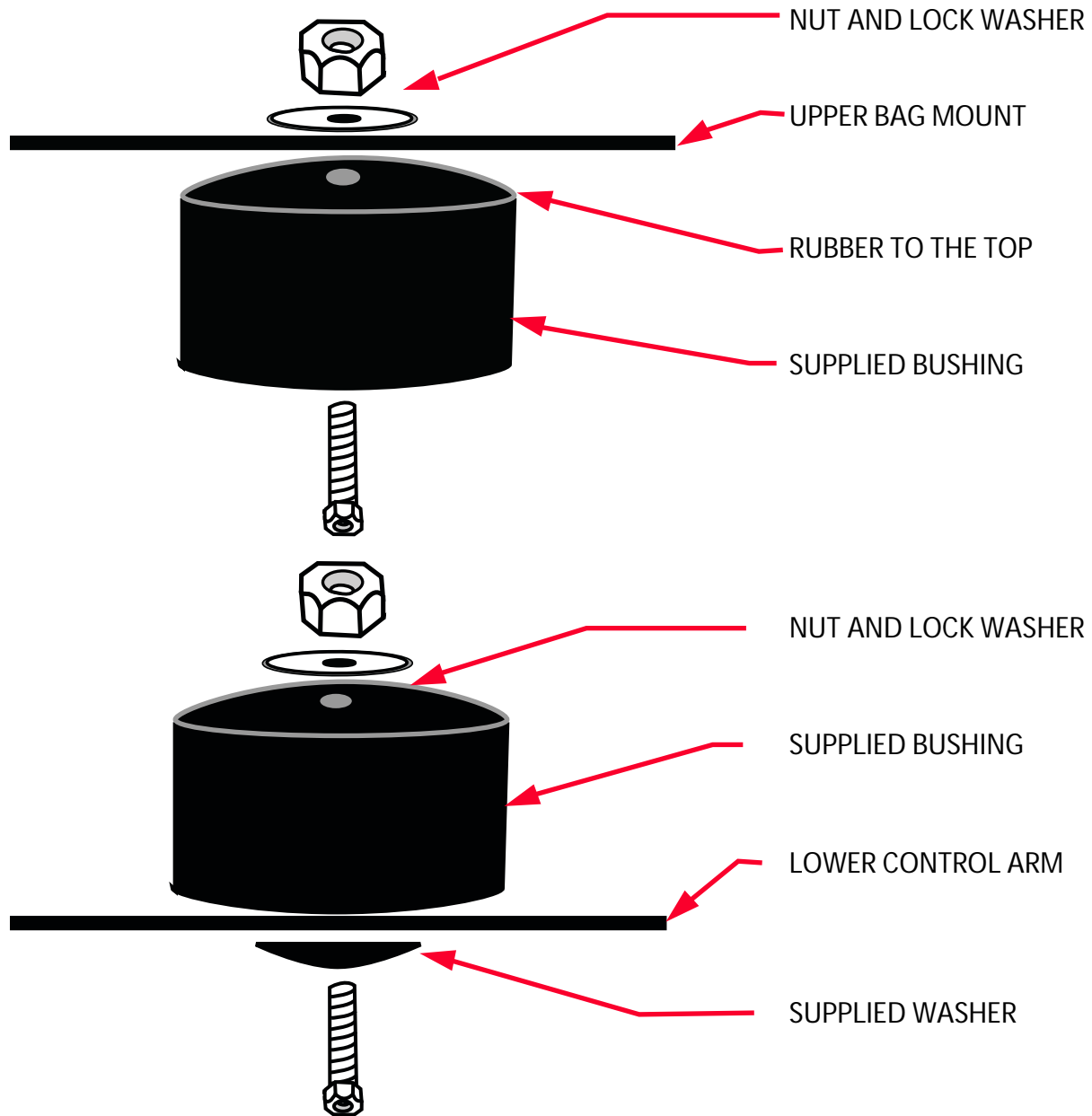
- ⑤ Remove solenoid from air spring.

REMOVAL SHOWN - REVERSE SEQUENCE FOR SOLENOID INSTALLATION



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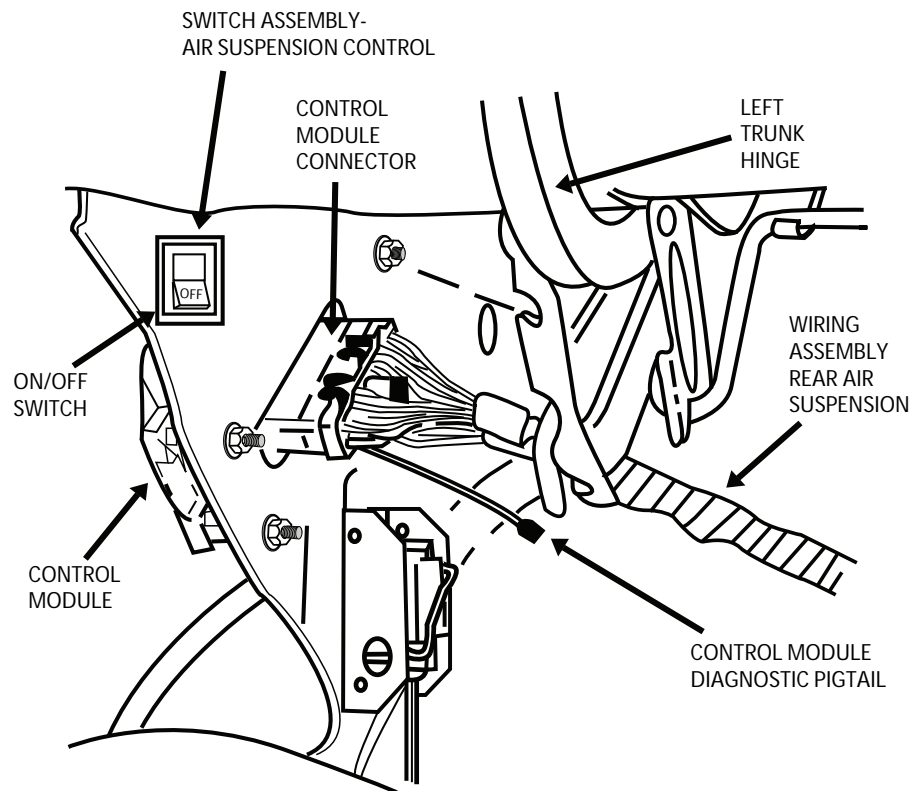
If your front is too low, you probably have weak or bad struts. If the car bounces when you push down on the front, you have bad struts. We carry them at SUNCORE if you need to replace them. If you think that it is too high, the rear may be low. There is a setting on the leveler on the rear to bring it up. Once you drive the car for a few weeks, the front springs may settle some.



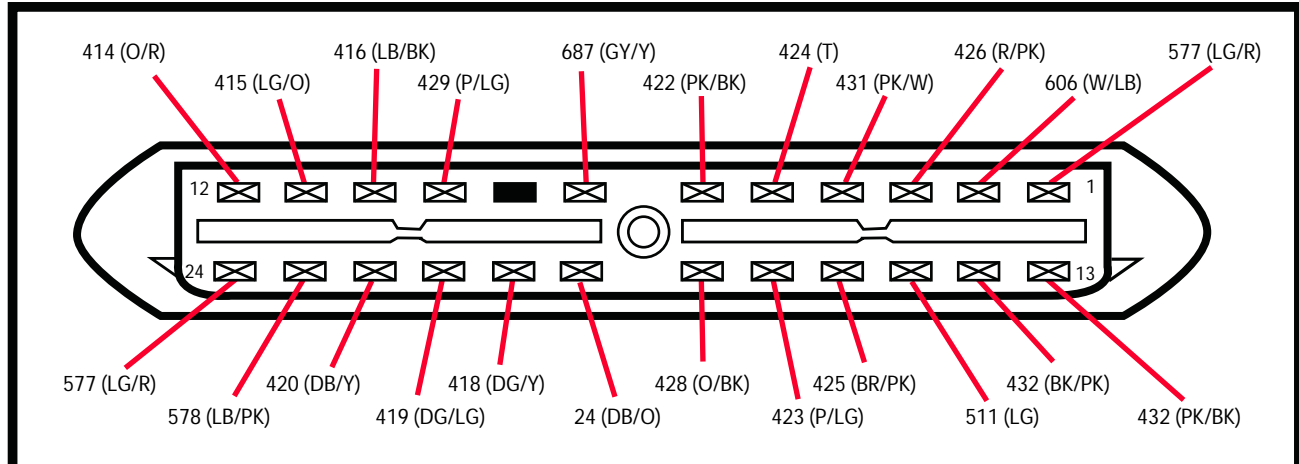


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AIR SUSPENSION LIGHT DISARM INSTRUCTIONS



**C403
AIR SUSPENSION CONTROL MODULE**



PIN NUMBER	CIRCUIT	CIRCUIT FUNCTION
1	577 (LG/R)	Ground
2	506 (W/LB)	Test Connector
3	426 (R/PK)	Rear Height Sensor Feed
4	431 (PK/W)	Left & Right Height Sensors Feed
5	424 (T)	Right Front Height Sensor HI Input
6	422 (PK/BK)	Left Front Height Sensor HI Input
7	687 (GY/Y)	Ignition Sense
8	-	NOT USED
9	429 (P/LG)	Left Rear Solenoid Control
10	416 (LB/BK)	Right Rear Solenoid Control
11	415 (LG/O)	Left Front Solenoid Control
12	414 (O/R)	Right Front Solenoid Control
13	427 (PK/BK)	Rear Height Sensor HI Input
14	432 (BK/PK)	Sensor Ground
15	511 (LG)	Brakes Applied Input
16	425 (BR/PK)	Right Front Height Sensor LO Input
17	423 (P/LG)	Left Front Height Sensor LO Input
18	428 (O/BK)	Rear Height Sensor LO Input
19	24 (DB/O)	Door Open Input
20	418 (DG/Y)	Air Suspension Switch Input
21	419 (DG/LG)	Indicator Control
22	420 (DB/Y)	Air Compressor Relay Control
23	578 (LB/PK)	Air Compressor Vent Solenoid Control
24	577 (LG/R)	Ground