



# AIR DITCHER

AIR TO COIL CONVERSION KIT

1993 - 1998 Lincoln Mark VIII



This product is intended to modify your vehicle and replace the existing air controlled suspension components with a passive coil and shock system. The system has been designed and extensively tested to provide the same ride quality and height as the O.E.M. system.



**This conversion kit requires the removal of the air spring, which may be under pressure. Proper procedure must be followed to minimize risk of personal injury and product damage.**

## General Precautions

When servicing any vehicle be sure to follow all safety procedures.

First, make sure that when lifting the vehicle that you are using the appropriate jack for the weight of the vehicle.

Make sure before going underneath any vehicle that it is properly supported with sturdy jack stands and on level ground so that the vehicle doesn't fall or slide off of the jack and onto you.

As with any automotive repair, make sure you have the appropriate tools to do the job so you don't damage any parts on the vehicle. There is a list of tools needed included in these instructions.

Safety glasses and mechanic gloves should also be worn for your protection.

Be sure to follow the instructions in the order that they are given. The instructions are in a certain order for a reason and improper installation could lead to damage to your vehicle or the parts. Keep in mind that if you damage the parts during installation you will be responsible for the replacement parts

## Included In This Conversion Kit



## Minimum Tools Needed For This Installation



Metric Hand Tools (Sockets/Wrenches)



Jack and Jackstands



Screw Drivers (Phillips and Flat Head)



## WARNING

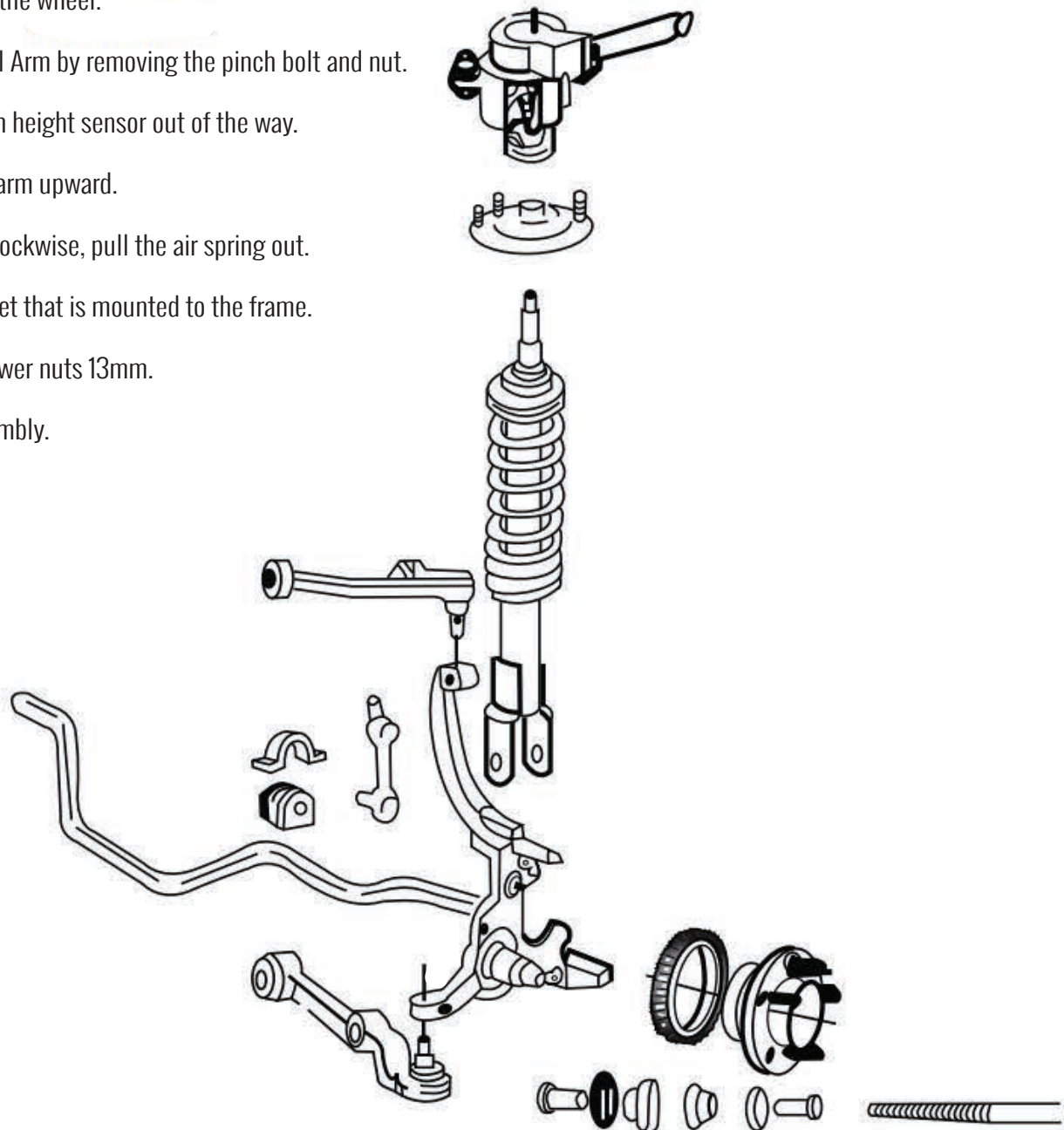
The electrical power to the air suspension system must be shut off prior to hoisting, jacking or towing an air suspension vehicle. This can be accomplished by turning off the air suspension switch located in the LH rear quarter trim panel.

## CAUTION

Do not remove an air spring under any circumstances when there is pressure in the air spring. Do not remove any components supporting an air spring without either exhausting the air or providing support for the air spring.

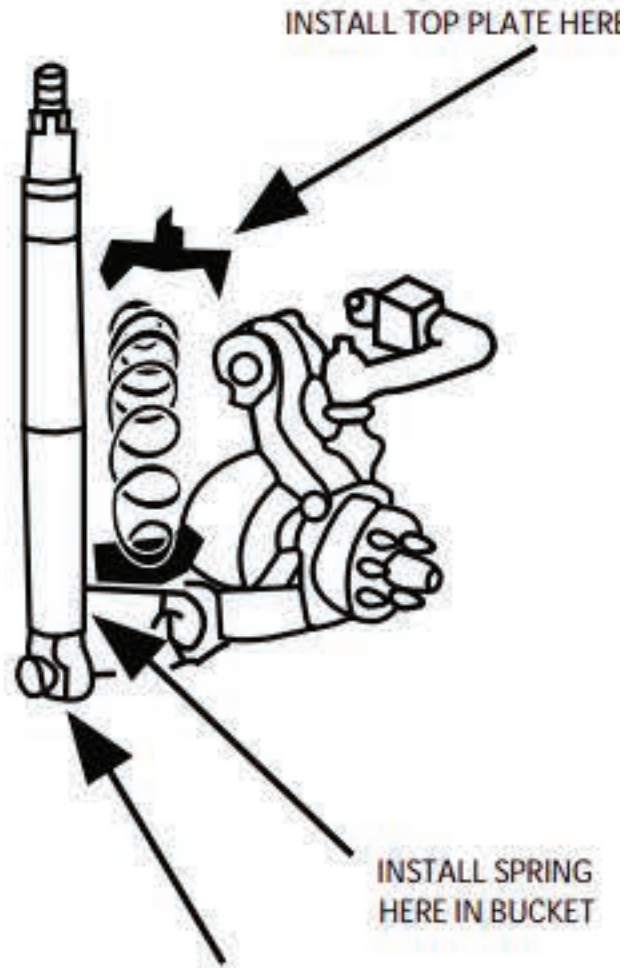
## Front

1. Turn air suspension switch off.
2. Raise vehicle and remove the wheel.
3. Remove the Upper Control Arm by removing the pinch bolt and nut.
4. Position the air suspension height sensor out of the way.
5. Tap the wishbone control arm upward.
6. Twist air spring counter-clockwise, pull the air spring out.
6. Unbolt the brake line bracket that is mounted to the frame.
7. Remove the three shock tower nuts 13mm.
8. Remove the Air Strut Assembly.

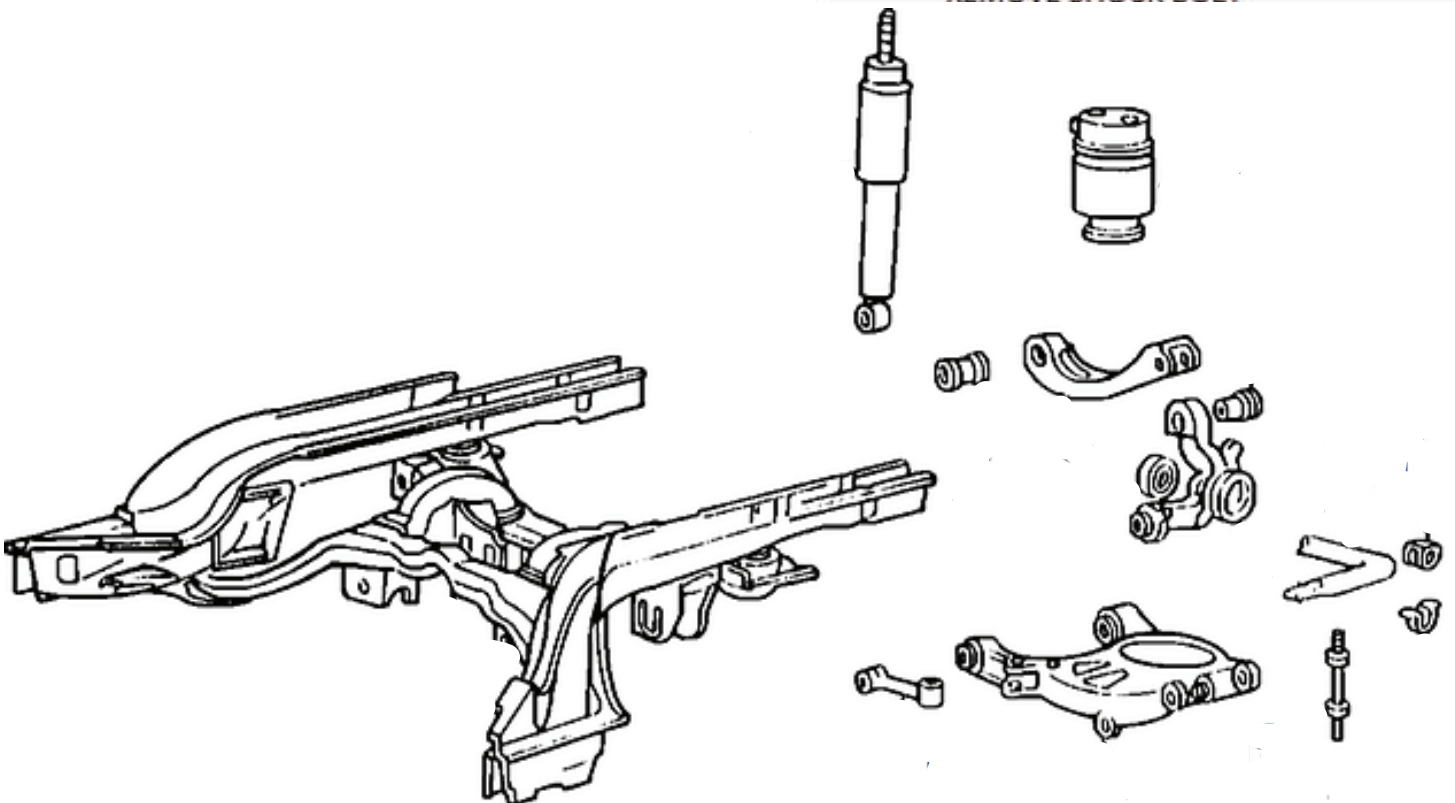


# Rear

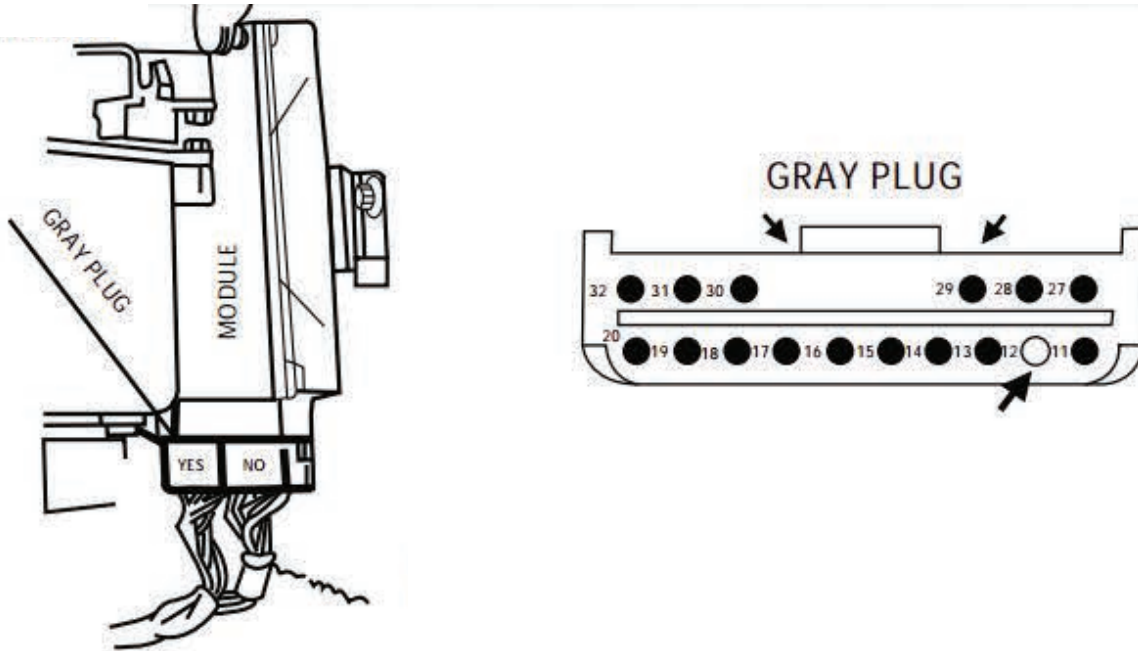
1. Turn air suspension switch off.
2. Raise vehicle and remove the wheel.
3. Release the air pressure by removing the air spring solenoid valve.
4. Release the plastic clips, push up on the air bag; then push down on the metal tab.
5. Twist air spring counter-clockwise, pull the air spring out.
6. Unbolt lower shock and stabilizer rod allowing the rear axle to lower to install the spring kit.
7. With the top plate provided, set the spring in the bucket.
8. Be sure to turn both of the springs in the same direction.
9. Use reverse procedure to install



REMOVE SHOCK BOLT



# Suspension Light Disabling



Behind the glove box you will find the Electronic Suspension control module. Locate the gray plug and cut the #11 pin. Tape and secure both ends to remove the check suspension warning light.