



***For ALL Your Air Suspension Needs!!!***

**2003-2008**

***Hummer H2***



**99G-30-R**

***Rear Suspension Conversion Kit***



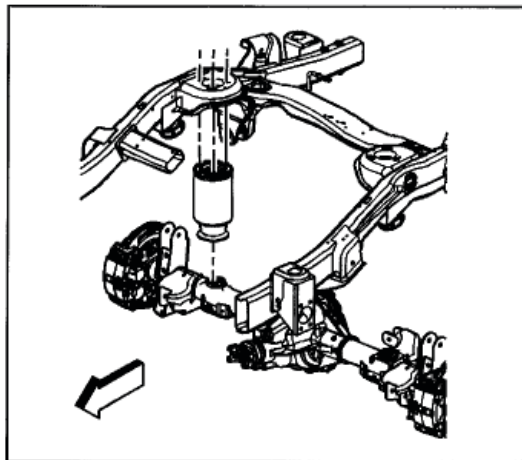
**For ALL Your Air Suspension Needs!!!**

**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.**

## **AIR SPRING REMOVAL PROCEDURE**

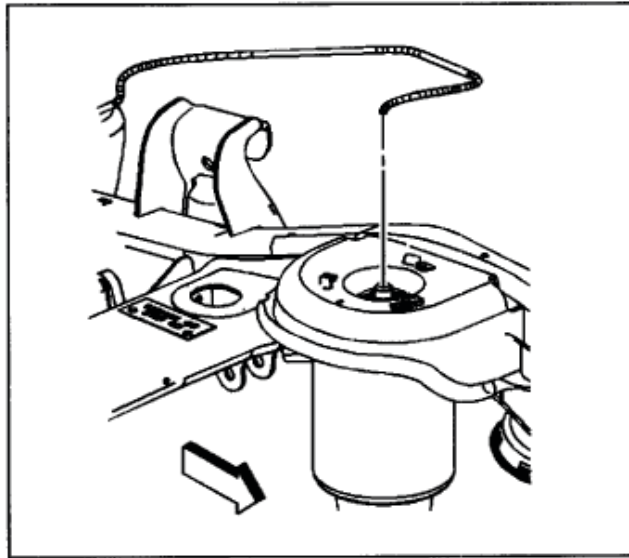
**CAUTION: DO NOT REMOVE AN AIR SUPPLY PIPE IN AN ATTEMPT TO DEPRESSURIZE THE AIR SUSPENSION. ALWAYS FOLLOW THE AIR SUSPENSION DEPRESSURIZATION PROCEDURE IN AIR SUSPENSION. FAILURE TO FOLLOW THIS PROCEDURE MAY CAUSE PERSONAL INJURY OR DAMAGE TO THE VEHICLE.**



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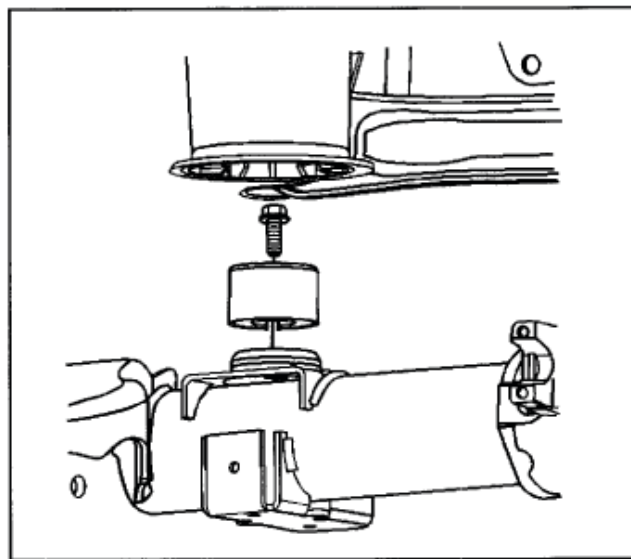
1. **Depressurize the air suspension system.**
2. **Raise and support the vehicle. Refer to Vehicle Lifting.**
3. **Allow the rear axle to hang in the full rebound position. IMPORTANT: There is a raised feature on the outer rim of the air spring top plate that denotes the anti rotation peg position.**
4. **Depress the anti-rotation peg in the air spring top plate located in the upper spring seat.**
5. **With the anti-rotation peg depressed, rotate the air spring counterclockwise and remove the air spring from the upper spring seat.**
6. **Remove the air spring from the vehicle.**

## AIR SPRING REMOVAL PROCEDURE



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7. **Disconnect the air supply line from the air spring.**



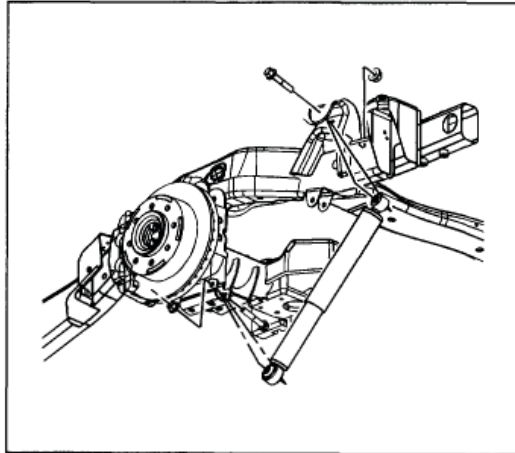
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8. **Remove the air spring support from the axle.**
9. **Disconnect the height sensor from the axle.**



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## **SHOCK ABSORBER REMOVAL PROCEDURE**

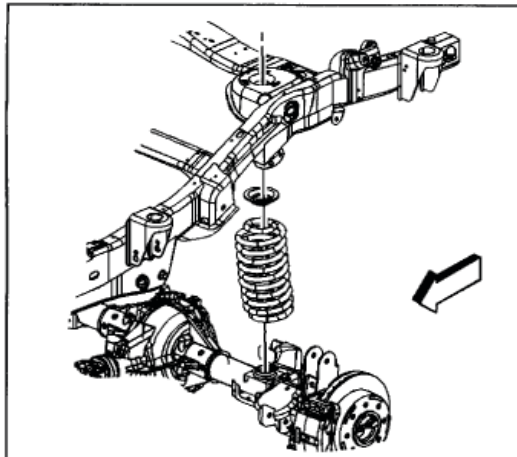


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1. **Raise and support the vehicle.**
2. **Support the rear axle.**
3. **Disconnect the air suspension level sensor.**
4. **Remove the upper shock absorber nut and the bolt.**
5. **Once the coils are installed you will need to reconnect the upper shock absorber nut.**

## **INSTALLATION PROCEDURE**

**IMPORTANT:** Note the position of the coil springs, as the left coil spring and the right coil spring are different.

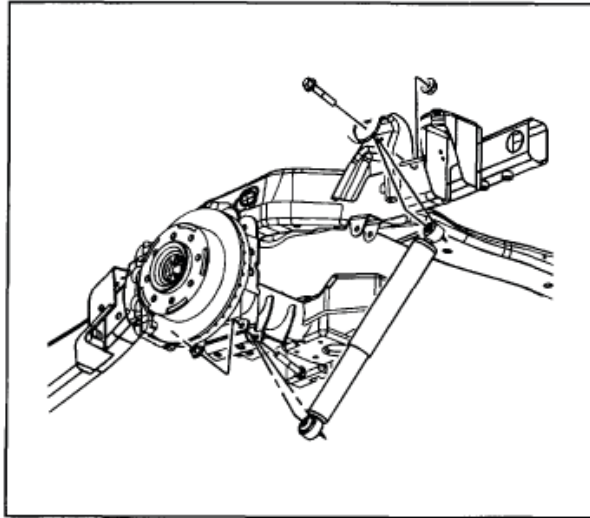


1. **Install the coil spring and the insulators. Coils that are closer together are always the top of the coil.**
2. **Raise the rear axle.**



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## **SHOCK ABSORBER INSTALLATION PROCEDURE**



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- 1. Install the upper shock absorber nut and bolt. .**
- 2. Connect the air suspension level sensor.**
- 3. Remove the rear axle support.**
- 4. Lower the vehicle.**
- 5. Install the stabilizer shaft link to the frame.**
- 6. Install the stabilizer shaft link retaining nut. Tighten Tighten the stabilizer shaft link retaining nut to 72 N.m (53 lb ft) .**
- 7. Remove the rear axle support.**
- 8. Lower the vehicle.**