

Hummer H2 2003 – 2008

Rear



Installation Instructions



INSTALL/REMOVAL INSTRUCTIONS: AIR SUSPENSION CONVERSION KIT

ATTENTION: Refer to the appropriate shop manual for your vehicle to obtain specific service procedures for this part. If you do not have a service manual or lack the skill to install this part, it is recommended that you seek the services of a qualified technician. Pay special attention to all cautions and warnings included in the shop manual. Read and follow all instructions carefully.

Air Suspension Conversion Kit General Installation Instructions

When servicing any vehicle be sure to follow all safety procedures. First, make sure that when lifting the vehicle that you use an appropriate jack with a proper weight rating. Before going underneath any vehicle, make sure 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. Safety glasses and mechanic's gloves should also be worn for your protection.

Take care not to exceed the Gross Vehicle Weight Rating (GVWR), or the maximum load recommended by the manufacturer. It is important that all the vehicle owner manuals recommendations are followed for your own safety and to prevent damage to the vehicle.

Once you are ready to disable the ride light, you will need to disconnect the negative battery cable (-) to prevent electrical shock/malfunction.

Disclaimer:

Even though every attempt is made to ensure this information is complete and accurate, it is impossible to account for all possible circumstances or situations. Please consult with a qualified auto technician before attempting to perform any work you are not qualified to do. Automobiles can be hazardous to work on; be sure to take all necessary safety precautions. Failure to do so may result in property damage or personal injury. Certain motor vehicle standards and performance requirements may apply to your motor vehicle (such as Federal Motor Vehicle Safety Standards by the National Highway Traffic Safety Administration). Be sure that your work is performed in accordance with such standards and that you do not disable any motor vehicle safety feature.

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Parts Included in This Kit

- **(2) #25 Springs**



Tools Needed For Installation

- **Metric Socket Set**
- **Floor Jack**
- **Jack Stands**
- **Metric Wrenches**
- **Screw Drivers (Phillips and Flat Head)**
- **Wire Cutter/Stripper/Crimping Tool**
- **Level Work Surface**
- **Spring Compressor (If Applicable)**
- **Allen Wrenches**

- 1. Read general service precautions**
- 2. Support the vehicle**
- 3. Remove air suspension parts**
- 4. Install conversion**
- 5. Disable the ride control light**

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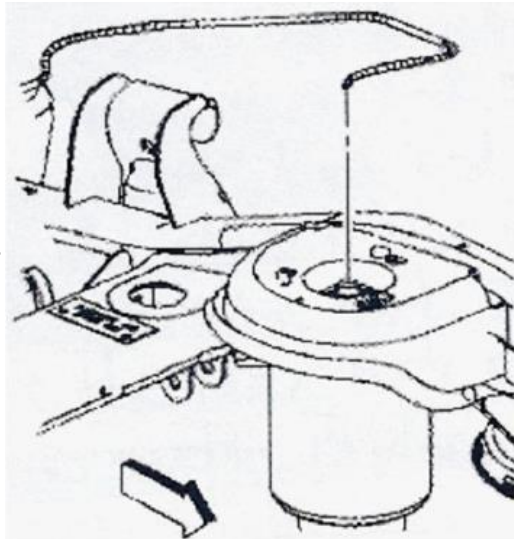
Hummer H2

Rear Kit Installation Instructions

Rear Air Spring Removal Instructions

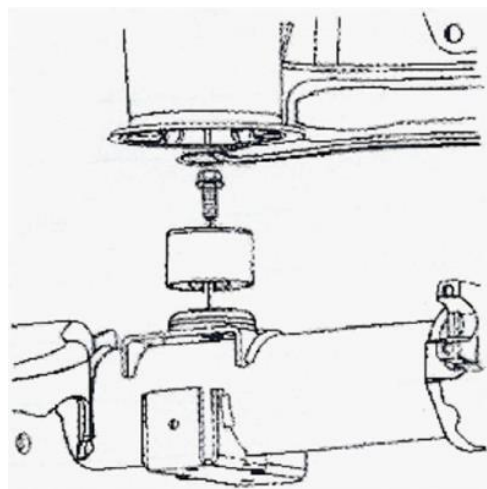
1. Turn off the air suspension switch.
2. Raise and support the vehicle. (Refer to shop manual for lifting instructions).
3. Allow the rear axle to hang in the full rebound position. **Important:** There is a raised feature on the outer rim of the air spring top plate that denotes the anti-rotation peg 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. (See Figure #1)

Fig. 1



7. Disconnect the air supply line from the air spring. (See Figure #2)
8. Plug the air lines using appropriate sized screw with silicone or epoxy.
9. Check air lines for leaks; with no leaks present, secure air lines to chassis away from exhaust or other moving components.

Fig. 2



10. Remove the air spring support from the axle.

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11. Remove the lower shock bolts.

12. Remove the stabilizer shaft link retaining nut from the frame.

Rear Coil Spring Installation Instructions

1. Install the rear coil springs. The part number should be readable.

2. Raise the rear axle and install the lower shock absorber bolt and nut. Tighten to 77ft. lbs.

3. Install the stabilizer shaft link to the frame and install the retaining nut. Tighten to 53ft. lbs.

4. Remove the rear axle support.

Note: The rear springs may settle some during the first couple of weeks of use. You may have to adjust the front height sensors to match the level of your new rear springs.

The rear springs can sit a little low if your rear shocks are bad.

1. Test the rear shocks by pushing down on the rear of the car.

2. If the rear bounces, replace the shocks as well.