

## Adjustable Air Ride BMW X5 Installation

**Make sure the key is out of the ignition and no power is on.**

**Spray a little WD40 or similar lubricant on the factory Link ends before removal.**

### Front:

1. Jack up each corner and locate the stock ride height Links. They are towards the front of the vehicle connected to the lower control arms.
2. Remove the stock Link by using vise grips. Pinch the middle of the link and twist it off. If you feel the sensor arm is going to break stop. Unbolt the bracket that holds the bottom side of the Link using a 10mm socket. The ball side might spin so use a small needle nose vice grips to stop it. Once unbolted, twist the Link off.
3. If you haven't already unbolt the bottom bracket that holds the Link in place and flip it upside down as illustrated in the picture below.
4. Set the new Adjustable Links so that they are equal in length. **Shortening the Link lowers the vehicle.** Each 5mm shorter than stock will lower approx.  $\frac{3}{4}$  - 1 inch. Don't have to lock them tight just snug. With flipping the bracket you can't compare the new Links to the stock 1's so you have to roughly determine what the sensor position was before. Don't worry, it's very easy to adjust after.
5. Install Adjustable Links with long end to top. May need pliers to squeeze on.

### Rear:

1. Jack up each corner and locate the stock ride height sensor Link. They are connected to the lower control arm.
2. Remove it by sliding a 10mm wrench over the link and twisting it off. It is made of soft plastic. You can actually just pull it off with your hands as well. Pull the bracket side not sensor.
3. Set new Adjustable Links to equal lengths. **Shortening the Link from the factory length will lower the vehicle.** Each 5mm shorter than stock will lower approx.  $\frac{3}{4}$  - 1 inch. Don't have to lock them tight just snug.
4. Install with long end up. May need pliers to squeeze on.

Start the vehicle, raise it up and down and move it forward and back to get the suspension active to the new settings. If you are not happy with the height you can easily re-adjust each Link to lower more or less. Just remove 1 side of the Link by using a 10mm wrench and give it a few turns. Usually 2 turns is about a  $\frac{1}{4}$  inch in height

Depending how low you make the vehicle a wheel alignment may be required to reduce tire wear.

Always looking to add more pictures of vehicles to the site. If you would like yours on there they can be uploaded from the site or send them to [john@adjustableairride.com](mailto:john@adjustableairride.com)

Thank you for the purchase. If you have any questions please don't hesitate to ask via phone or Email.

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Front Stock Link removal



Front bracket flip



Front Adjustable Link Installed



Rear Stock Link removal



Rear Adjustable Link Installed