

Adjustable Air Ride
Mercedes Benz 2007 - 2012 S (W221) Class
Without ABC Sport Instructions

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 sensor Link straight inside wheel well above the tire.
2. Remove the stock Links by using a small set of Vice Grips. Lock them on, not too tight, to the stock Link close to the control arm side & twist firmly but gently. Once 1 side is off the other comes off easily by bending it backwards. Still be gentle enough as to not break the sensor arm.
3. Set the new Adjustable Links so that they are equal in length. **Lengthening the Link from the factory length will lower the vehicle.** Each 5mm longer then stock will lower approx. $\frac{3}{4}$ - 1 inch. Don't have to lock them tight just snug.
4. Install Adjustable Links with long end up. May need pliers to squeeze on.

Rear:

1. Jack up the rear of vehicle and support it on stands.
2. Look above the Differential and locate the stock ride height sensor.
3. Remove the 2 10mm bolts that hold the sensor in place. Use the sensor as leverage to remove the stock link.
4. To lower the rear **shortening the Link from the factory length will lower the vehicle.** Same as front, each 5mm shorter then stock will lower approx. $\frac{3}{4}$ - 1".
5. Attach one side of the Link to sensor and bolt it back up to the vehicle.
6. Attach the other end and make sure the sensor arm is pointing up. It's a little tight up there.

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

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

John Vranic

604-780-7734

www.adjustbaleairride.com



Front Stock Link removal



Front Adjustable Link Installed



Rear Stock Link



Sensor removed



Adjustable Link installed