

Airmatic Lowering Links

OR091 - Rolls Royce Ghost, Wraith & Cullinan Original Lowering Kit

Prior to commencing with the installation of the lowering linkages it is imperative that you select jacking mode. Please consult your car's user manual for instructions on how to select this function.

Jacking mode also known as wheel change mode prevents all suspension control processes so that when changing a tyre or wheel or indeed the lowering linkages, for example, work is not impeded by an automatic change in the vehicle height.

****Make sure the key is out of the ignition while installing your linkages. If you are just reaching in through the driver's side window to remove the key make sure to open and close the door!****

Tools Required – 9mm & 10mm spanner and large flat ended screwdriver.

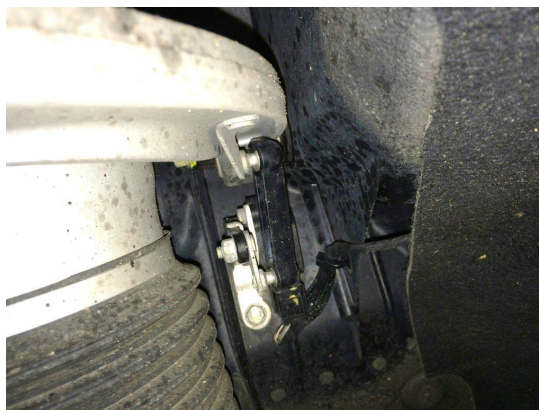
****Please remember to fit all four links at once. Do not install just the front or rears and try to start the vehicle. As this may trigger a fault code and will raise that end to the highest setting****

For Every 5mm shorter / longer you make the linkage the vehicle will lower by approximately 25mm. We recommend making that you make the provided linkages no more than 10mm shorter /longer than OEM Linkages

****We recommend adding a small amount of grease to each ball joint whilst installing the kit****

Front:

1. Select the highest suspension setting and jack the vehicle up by a few inches to locate the ride height sensor which is under the wheel arch as per the picture below.
2. Carefully Remove the standard linkage (****BE GENTLE, DO NOT DAMAGE OR SNAP THE SENSORS ARM!****)
3. Fit a Rubber Grommet to each ball stud to ensure the ball and ball joint are protected from the elements.
4. Install the adjustable linkages by firstly removing the safety retaining clips and then firmly pushing the ball joints of the linkage onto the ball studs on the bracket and sensors arm. The vehicle will lower by approximately 28mm for every 5mm longer you make the adjustable linkages than that of the standard linkages. We suggest making the link no more than 10mm longer than the OEM link.
5. Once you have achieved the desired ride height re-attach the safety clips.
6. Now remove the jack and lower the car.



Rear:

1. Select the highest suspension setting and jack up the rear of the vehicle locate the ride height sensor as per the picture below. They are connected to the Lower Control Arm. It will be easier to do if you remove the wheel but this is not 100% necessary as you can crawl underneath the vehicle.
2. Remove the standard linkages by using an adjustable spanner or a screwdriver closest to the bracket as per the front linkages. Twist it gently so that it pops off the ball. Once one end of the standard linkage is off the other comes off easily by simply bending it backwards. (**BE GENTLE, DO NOT DAMAGE OR SNAP THE SENSORS ARM!**))
3. Fit a Rubber Grommet to each ball to ensure the ball and ball joint are protected from the elements.
4. Install the adjusted linkages by firmly pushing the ball joint on the linkage onto the balls of the bracket and sensors arm. The vehicle will lower by approximately 25mm for every 5mm shorter you make the adjustable linkages than that of the standard linkages. We suggest making the link 10mm shorter than the OEM link.
5. Now remove the jack and lower the car.



Initializing the adjusted suspension:

1. Start the vehicle whilst on a level surface and select the highest suspension setting (Access mode or similar) and leave the engine running to allow the cars suspension computer to settle to the new adjustments and compression to build in the air system.
2. After leaving the car for a few minutes you can now select the sport suspension mode which will lower the vehicle.
3. Check the vehicle is at the desired height in the suspension setting you have selected but ensure that the suspension is not so low that it may cause the wheels to rub on the wheel arches as this may cause damage to your tyre or wheel arch. It may take a couple attempts to get the linkage lengths correct to obtain the exact ride height of your liking.

Thank you for your purchase. If you need any help please do not hesitate to contact us at anytime.