EV072 - Porsche Panamera Gen 1 Evolution Lowering Kit

Make sure your car is on a flat surface whist installing your linkages to help set up the ride height accurately. Lock your vehicle in order to power down all of the vital control units and do not enter the vehicle until the lowering kit is fitted to avoid potential faults.

**Where applicable, 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 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.

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

When you have completed the installation please check that the nuts on each linkage have been sufficiently tightened

Front:

The vehicle will lower by approximately 28mm for every 5mm **LONGER** you make the provided FRONT adjustable linkages than the length at of the standard linkages.

To avoid potential faults we suggest that you do not make the adjustable linkages no more than 9mm LONGER than the OEM linkages.

Make the provided linkages 5mm LONGER than the OEM linkages prior to fitting. To achieve the desired ride height adjust the length of the linkages in systematic order by loosening the nuts and twisting the adjuster remembering not to make them more than 9mm LONGER than the OEM linkages.

After making adjustments to the length of the linkages the car should be started and left to run for a few minutes so that car can settle to the new ride height. A short drive of the vehicle is recommended prior to finalizing the ride height as this will ensure that the car has reaches its new ride height.

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. Now put the safety clips back on.

5. Now remove the jack and lower the car.

Rear:

The vehicle will lower by approximately 28mm for every 5mm **SHORTER** you make the provided FRONT adjustable linkages than the length at of the standard linkages.

To avoid potential faults we suggest that you do not make the adjustable linkages no more than 9mm SHORTER than the OEM linkages.

Please make a note of the position of the rear sensor arms before moving them as the adjustable linkages will need to be fitted with the arms in the same position.

Make the provided linkages 5mm SHORTER than the OEM linkages prior to fitting. To achieve the desired ride height adjust the length of the linkages in systematic order by loosening the nuts and twisting the adjuster remembering not to make them more than 9mm SHORTER than the OEM linkages.

After making adjustments to the length of the linkages the car should be started and left to run for a few minutes so that car can settle to the new ride height. A short drive of the vehicle is recommended prior to finalizing the ride height as this will ensure that the car has reaches its new ride height.

6. 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.

7. Carefully Remove the standard linkage (**BE GENTLE, DO NOT DAMAGE OR SNAP THE SENSORS ARM!**)

8. Fit a Rubber Grommet to each ball stud to ensure the ball and ball joint are protected from the elements.

9. 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. Now put the safety clips back on.

10. 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.

4. **When you have completed the installation please check that the nuts on each linkage have been sufficiently tightened**

Returning the vehicle to standard:

To return the car back to standard simply repeat the steps using the original linkages. As the standard joints harden with age you may find them hard to put back on. If this is the case apply some lubricant (WD40 or similar silicon based product) to the ends and squeeze them on with pliers.

FRONT LINKAGE

REAR LINKAGE