



Lowering Kit for Tesla Model S and X with smart air suspension.

****Before installation set the air suspension to the highest setting, and set the car (under service) to jack mode. This prevents the airsuspension to move while working in the car. ****

****Working on the suspension of a car can be dangerous. This should be done by a trained professional!****

****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:

7. 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.
8. Carefully Remove the standard linkage (**BE GENTLE, DO NOT DAMAGE OR SNAP THE SENSORS ARM!**)
9. Fit a Rubber Grommet to each ball stud to ensure the ball and ball joint are protected from the elements.
10. 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.
11. Once you have achieved the desired ride height re-attach the safety clips.
12. Now remove the jack and lower the car.



“Remember - Longer is Lower”

Initializing the adjusted suspension:

Start the vehicle whilst on a level surface and select the lowest suspension setting and move the vehicle back and forth to assist the cars computer to settle to the new adjustments and compression to build in the air system.

It may take a couple attempts to get the exact height of your liking.

Once you are at a height of your liking you may then raise the vehicle and lock up all of the linkages.

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 them back on. If this is the case apply some lubricant (WD40 or similar silicon based product) to the ends and squeeze on with pliers.

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