



CONTROL IS EVERYTHING

MSS Install Guide

Supplied for the Audi A4-A5 B9 (all variants)





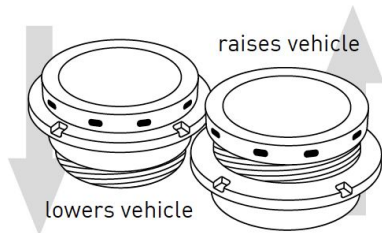
Introduction

This short guide is intended for use with MSS Kit for **Audi A4-A5 (B9) (all variants)**.

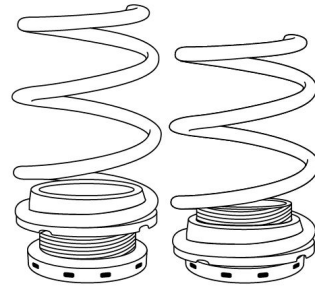
Pre-install steps

Front Axle Install Parts List

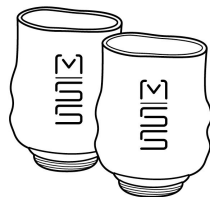
Before you start installing your new MSS Kit, check if all parts listed below have been supplied:



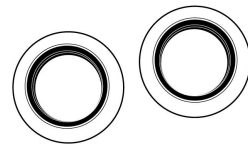
2x Large adjusters - these are the larger of the two sets



2x Large diameter MSS orange springs - these fit the larger adjusters



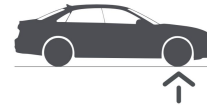
2x OPTIONAL: Large protective sleeves - these fit around the large adjusters



2x MSS supplied OE bearing parts - these must replace the ones removed



2x MSS supplied flat rubber slip mats - to eliminate resonant road noise travelling through the system



FRONT AXLE INSTALL PROCEDURE

This is best done with struts removed from the vehicle. Refer to the manufacturer's workshop manual for steps on how to safely remove the struts from the vehicle, remove and refit the springs and on the correct torque settings.

Difficulty Level: High

Estimated Time: 90 to 120 minutes per side, assuming the bolts are not seized.

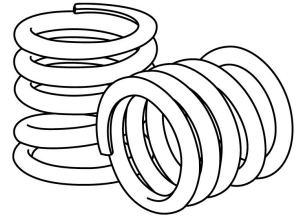
Installing your new MSS Kit is best undertaken by an experienced VAG workshop/engineer.

1. Remove the OE springs. These will be replaced by the MSS front system supplied.
 2. Remove and keep the OE rubber dust boots. These will be re-used.
 3. Keep the OE bump stop to re-use.
 4. Fit the MSS supplied OE bearing parts over the strut to sit at the base on the perch.
 5. Ensure that the steel part is facing upwards to arge adjuster.
 6. Now fit the MSS supplied large rubber matt on top of the bearing and then place the MSS large adjuster to sit on top to the rubber mat & bearing.
 7. Fit the MSS protective sleeves over the adjuster and bearing for protection from dust.
 8. Fit the OE rubber dust boot over the strut shaft to protect it from debris.
 9. Next, fit the large MSS orange spring. Ensure e flat grounded end faces downwards to sit flush against the MSS supplied OE bearing parts.
- NOTE:** The large adjuster sits at the bottom of the strut for easier access to adjustment.
10. Fit the camberplate to the MSS spring and turn the MSS adjuster to take up any free play.
 11. Use a spring compressor to reduce spring height and help secure the arrangement.
 12. Tighten to the correct torque with appropriate tools used to remove the camberplate.
 13. Set the adjuster to the desired position. Later, you can always re-adjust as required.

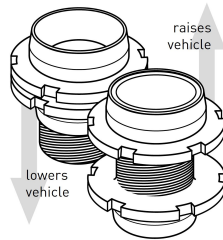


Rear Axle Install Parts List

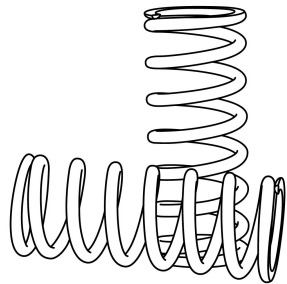
Before you start installing your new MSS Kit, check if all parts listed below have been supplied



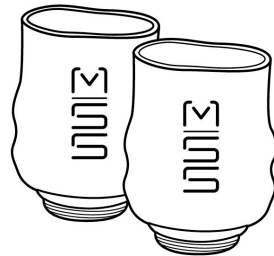
2x Black MSS Springs -
these are common parts used for
almost all our products



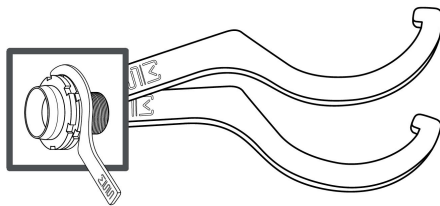
2x Combined Adjusters -
to couple the black and orange springs
together and adjust height



2x Small Diameter MSS Orange Springs



2x OPTIONAL: Small protective sleeves -
these fit around the combined adjusters



2x Adjuster spanners -
for both front and rear adjusters



REAR AXLE INSTALL PROCEDURE

For the rear stacked arrangement, refer to the latest version of the 'MSS INFO for Installer' guide or email support@mss.company for the latest copy.

Difficulty Level: High

Estimated Time: 60 to 90 minutes per side, assuming the bolts are not seized.

Installing your new MSS Kit is best undertaken by an experienced VAG workshop/engineer.

1. Remove the OE springs and keep all rubber and plastic OE parts for re-use.
2. Couple the black and orange spring with the combined adjuster.
3. Fit the MSS protective sleeves over the adjuster for protection from dirt ingress.
4. Fit the MSS stacked arrangement back in place of the OE single form spring. Our stacked springs are a direct replacement for the factory single form springs. Therefore, no other OE parts are replaced during the rear axle install.
5. Tighten the suspension parts that had been removed. Refer to the manufacturer's workshop manual for steps on how to safely remove the struts from the vehicle, remove and refit the springs and on the correct torque settings.
6. Set the ride height to sit 5mm higher than the fronts when measured from fender edge to wheel hub centre.

NOTE: Please be aware that this is a MUST DO

POST INSTALL STEPS

Complete a 1-mile journey before setting the ride height and 4-wheel alignment. Refer to pages 3 and 4 of the latest version of the 'MSS INFO for Installer' guide for assistance on how to measure ride height.

NOTE: The rear axle ride height should be set to at least 5mm higher than the front axle ride height when measured as per page 3 of the latest version of the 'MSS INFO for Installer' guide. This is a KEY step.



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