



CONTROL IS EVERYTHING

MSS Install Guide

Supplied for the Audi Q5/SQ5





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INTRODUCTION

This short guide is intended for use with MSS Kit for the **Audi Q5/SQ5**

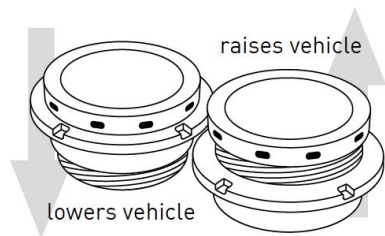
PRE-INSTALL STEPS

Refer to pages 3 and 4 of the latest version of the 'MSS INFO for Installer' or email support@mss.company for the latest copy, to measure the current ride height.

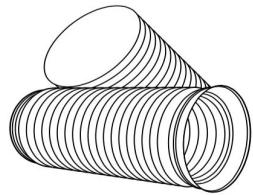
Assembly Video Youtube Link.

FRONT AXLE INSTALL PARTS LIST

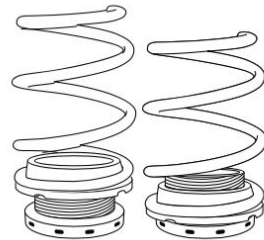
Before you start installing your new MSS Kit, check if all parts listed below have been supplied:



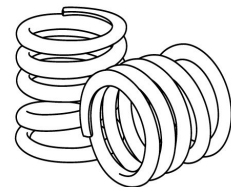
2x Large adjusters - these are the larger of the two sets



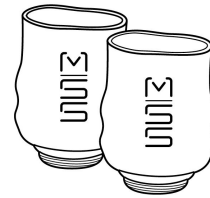
2x MSS supplied replacement rubber dust boots



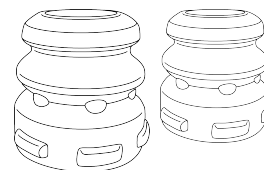
2x Large diameter MSS orange springs - these fit the large adjusters



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



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



2x MSS bump stops



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 Audi workshop/engineer.

1. Remove the OE springs. These will be replaced by the MSS front system supplied.
2. Remove the OE rubber dust boots. These will be replaced with MSS supplied.
3. Remove the OE bump stop. This will be replaced with MSS supplied.
4. Remove the bottom O.E rubber spring mount and replace with MSS slip mat.
5. Now fit the black short spring on the base of the spring seat.
6. Place the MSS large adjuster on top of the black spring. It will sit in the wider diameter part once the weight is applied.
7. Then fit large orange spring on to adjuster.
Place MSS supplied dust cover over the shock absorber for protection and insert MSS supplied bump stop.
8. Fit the camberplate.
9. Use a spring compressor to reduce spring height and help secure the arrangement.
10. Tighten to the correct torque with appropriate tools used to remove the camberplate.
11. Set the adjuster to the desired position; you can always re-adjust as required.
OPTIONAL: Fit the MSS protective sleeves over the adjuster and for dust protect



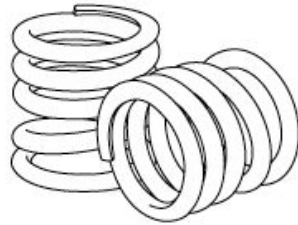
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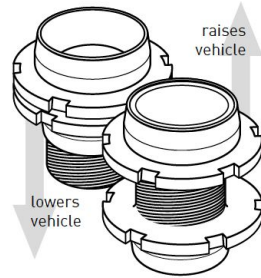
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REAR AXLE INSTALL PARTS LIST

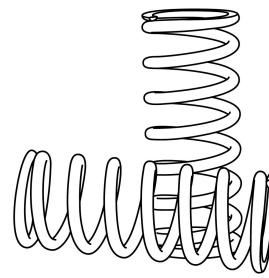
Before you start installing your new MSS Kit, check if all parts listed below have been supplied



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



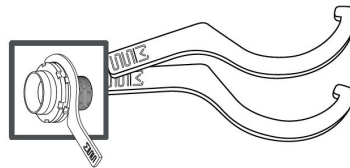
Combined adjusters -
to couple the black and orange
springs together and adjust
height



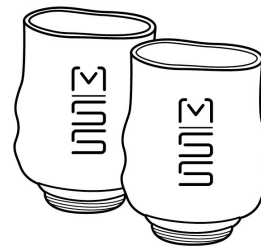
**Small diameter MSS
orange springs**



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



Adjuster spanners -
for both front and rear adjusters



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

Estimated Time: 30 to 45 minutes per side, assuming the bolts are not ceased.

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

1. Retain the upper OE rubber spring seat.
2. Retain the lower OE seats.
3. Couple the black and orange springs with our patent-pending middle located rear adjuster. Ensure the orange spring at the top within the mounting cup is centralised.
4. OPTIONAL: Fit the MSS protective sleeves over the adjuster for dust protection.
5. Fit the MSS stacked arrangement back in place of the OE single form spring.
Our stacked springs are a direct replacement for the factory .
6. 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.
7. Set the ride height to sit 5mm higher than the fronts when measured from fender edge to wheel hub centre.

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.



Triple Engineered Suspension for Ultimate Performance, Comfort & Safety

MSS Support Team

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(select appropriate option when prompted)

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