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EVERYTHING

MSS Install Guide

Supplied for the VW Golf Mk7/7.5 & MK8





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Introduction

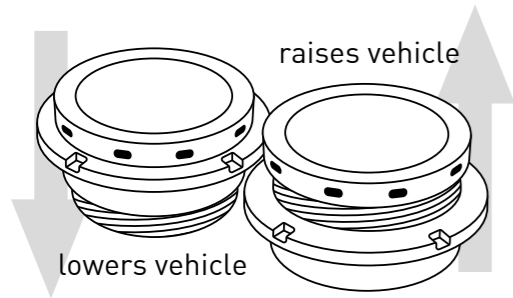
This short guide is intended for use with MSS Kit for the **VW Golf 2012 onwards (all variants)**.

Pre-install steps

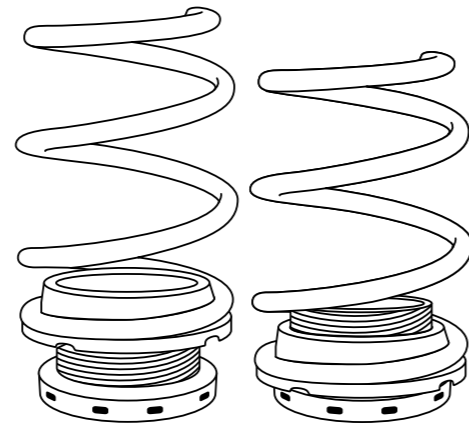
Refer to pages 3 and 4 of the latest version of the 'MSS INFO for Installer' or email support@mss.company for the latest copy, to measure the current ride height.

Front Axle Install Parts List

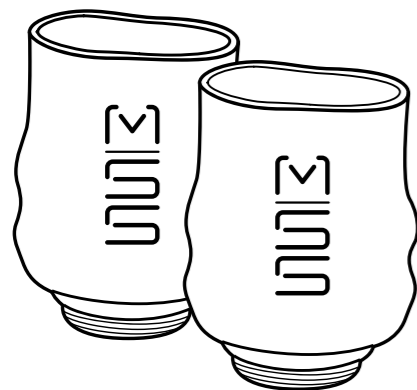
Before you start installing your new MSS Kit, check if all parts listed below have been supplied:



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



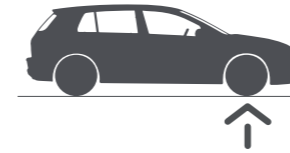
2x Large diameter MSS orange springs - these fit the larger adjusters



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



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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.

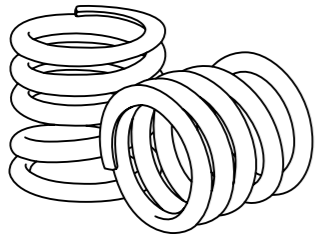
1. Remove the OE springs. These will be replaced by the MSS front system supplied.
2. Remove and keep the OE rubber dust boots. These will be re-used.
3. Keep the OE bump stop to reuse.
4. OPTIONAL: Fit the MSS protective sleeves over the MSS large adjuster and OE bearing for protection from dust.
5. Fit the MSS large adjuster flush to the flat grounded end of the orange spring.
6. Fit the OEM camberplate/strut bearing so that these sit against the open end of the MSS spring, turn the MSS adjuster to take up any free play
7. Use a spring compressor to reduce spring height and help secure the arrangement
8. Tighten to the correct torque using appropriate tools used to remove the camberplate
9. Set the adjuster to the desired position by grab & twist the knurled ring, you can always adjust later as required



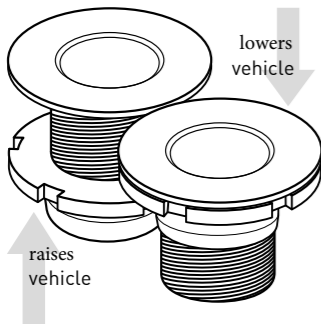
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Rear Axle Install Parts List

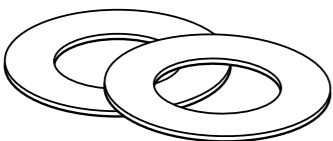
Before you start installing your new MSS Kit, check if all parts listed below have been supplied:



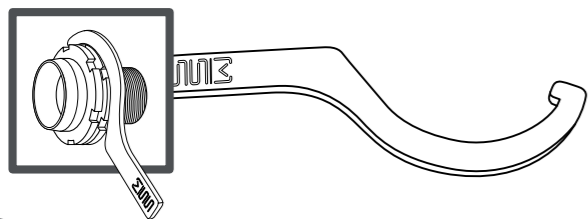
2x Black MSS springs -
 these are common parts used for almost all our products



2x Top located adjusters - to couple the black and orange springs together and adjust height



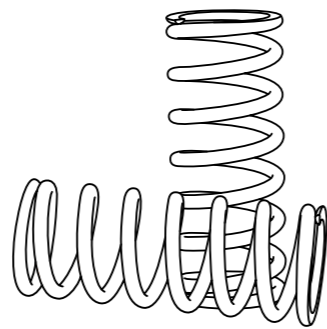
2x MSS supplied flat rubber slip mats -
 to eliminate resonant road noise travelling through the system



2x Adjuster spanner - for both front and rear adjusters



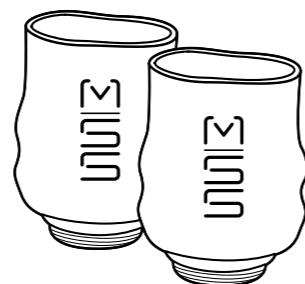
2x MSS bump stops -
 This is to allow suspension to have enough travel if lowered.



2x Small diameter MSS orange springs



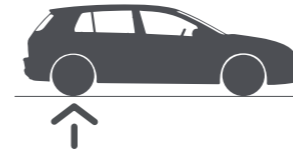
2x Couplers - for the orange and black springs



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



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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 VAG workshop/engineer.

1. Remove the OE spring and top rubber spring seat. Both are replaced with MSS parts.
2. Fit the black spring in the lower arm and place the coupler into it. Ensure that the 60mm sleeve is facing upwards to mate to the MSS slimmer orange springs where appropriate.
3. Fit the orange spring on top of the coupler that is sat on the black spring.
4. OPTIONAL: Fit the MSS protective sleeves over the adjuster for dust protection.
5. Place the rear top located adjuster on the top of the slimmer orange spring.
6. Place the MSS rubber slip mat on top of the adjuster. Ensure it sits flush against the vehicle body to cover the protruding hump. The rubber slip mat prevents metal-to-metal contact.
7. 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.
8. Remove and replace O.E bump stop with MSS supplied. Insure MSS supplied cable/zip ties are used.
9. 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.
 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.

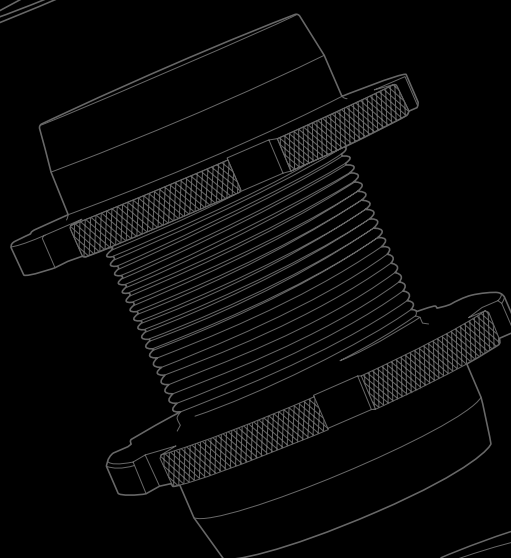


The rear axle ride height should be set to at least 5mm higher than the front axle ride height when measured as per page 3 of the latest version of the 'MSS INFO for Installer' guide. **This is a KEY step.**



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Triple Engineered Suspension for Ultimate Performance, Comfort & Safety



MSS Support Team

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(select appropriate option when prompted)

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