



CONTROL IS
EVERYTHING

MSS Install Guide

Supplied for the Tesla Model 3



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INTRODUCTION

This short guide is intended for use with MSS Kit for the **Tesla Model 3**

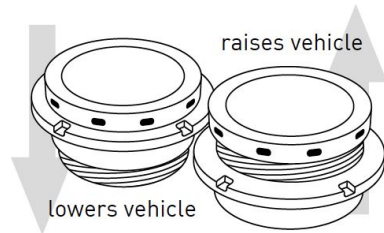
PRE-INSTALL STEPS

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.

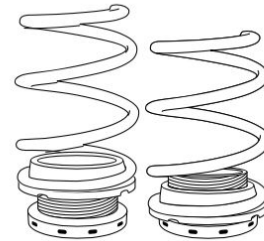
FRONT AXLE INSTALL PARTS LIST

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

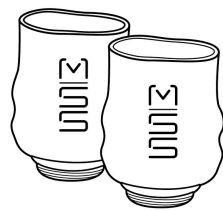


2x Large adjusters -
these are the larger of the 2 sets

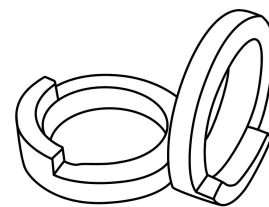
NOTE: These have a bevelled top edge opening where the OE bearing fit securely



2x Large diameter MSS orange springs -260-1
these fit the larger adjusters (Shown)



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



2x Front lower P.U Seats



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

Installing your new MSS Kit is best undertaken by an experienced Tesla 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 PU Seat on the Base/Perch of the Shock Absorber.
5. Now fit the Large MSS Adjuster on top on the PU seat.
6. OPTIONAL: Fit the MSS protective sleeves over the adjuster for protection from dust.
7. Fit the OE rubber dust boots over the strut shaft to protect it from debris.
8. Next, fit the large MSS orange spring. MSS 260-1
9. Fit the camberplate to the MSS spring and turn the MSS adjuster to take up any free play.
10. Secure the arrangement with the nut at the top of the camberplate.
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 require

NOTE: The large adjuster sits at the bottom of the strut for easier access to adjustment.



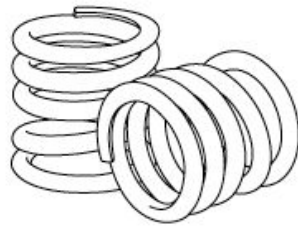
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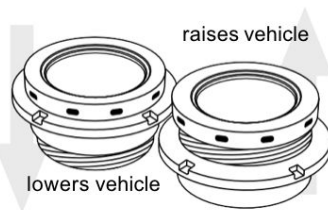
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REAR AXLE INSTALL PARTS LIST

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

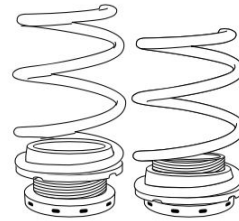


2x Black MSS Springs -
these are common parts used for
almost all our products

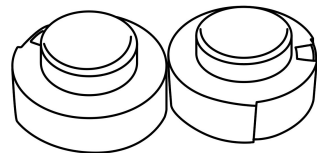


2x Combined adjusters -
used to couple the black and
orange spring

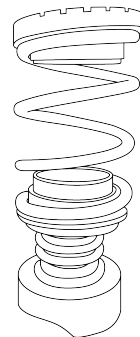
NOTE: These have a ridge inside
the top opening where the MSS
black spring fits in to



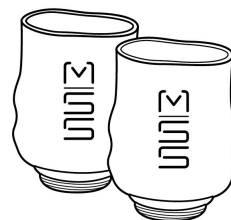
**2x Large diameter MSS
orange springs** -
MSS 205-1 x these fit the
combined adjusters
(Shown)



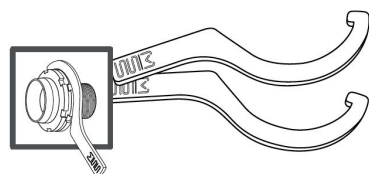
2x MSS supplied PU seats -
to eliminate resonant road noise
traveling through the system



MSS Stacked Arrangement



**2x OPTIONAL large
protective sleeves** -
these fit around the rear adjusters



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: Medium ~ ~ ~

Estimated Time: 120 to 180 minutes per side, assuming the bolts are not ceased.

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

1. Remove the OE springs and remove lower seat keep all other rubber and plastic OE parts for re-use.
2. Place the MSS PU seat in the lower suspension arm.
3. Now fit the black short spring on top of the MSS PU.
4. Place the MSS large adjuster on top of the black spring. It will sit on the inside seat.
5. OPTIONAL: Fit the MSS protective sleeves over the adjuster and for dust protection.
6. Next fit large orange spring on to adjuster MSS 205-1.
7. 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.
8. 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 with the correct torque settings.
9. Set the ride height to sit 5mm higher than the fronts when measured from fender edge to wheel hub centre.

Please set your desired ride height via the MSS Adjuster before installing the Spring arrangement.

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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