



Kit Contents

| | Description | Part No | Pcs |
|----|------------------------------------|----------|-----|
| 1 | Shock absorber front | POS 5N21 | 2 |
| 2 | Sleeve | 24638-01 | 2 |
| 3 | Dust boot | 10216-02 | 2 |
| 4 | Plastic spacer | 25602-01 | 2 |
| 5 | Spring | 48000-19 | 2 |
| 6 | Elastic spacer | 25601-01 | 2 |
| 7 | Upper spring adapter | 06015-02 | 2 |
| 7 | Spring platform M52 | 05018-11 | 2 |
| 8 | Lock nut M52 | 00533-21 | 8 |
| 9 | Anti roll bar bracket | 25616-01 | 2 |
| 10 | M14 lock nut | 24627-04 | 2 |
| 11 | Uniball top mount | 05927-51 | 2 |
| 12 | M6 screw | 01046-06 | 2 |
| 13 | Lubricating paste Molykote 1000 | 25715-01 | 1 |
| 14 | Öhlins sticker kit | 10207-01 | 2 |
| 15 | C-spanner | 00710-02 | 1 |
| 16 | Öhlins owner manual | | |

👁 Note!

Please note that there can be small differences between your product and the images in these instructions.

👁 Note!

Please note that during storage and transport, especially at high ambient temperature, some of the oil and grease used for assembly may leak and stain the packaging. This will not cause damage to the product, wipe off the excessive oil or grease with a cloth.

👁 Note!

Before you install this product, check the kit contents. If anything is missing, please contact an Öhlins dealer.

⚠ Warning!

Before you install this product, read the Öhlins Owner's manual. This product is an important part of the vehicle and the vehicle stability.

Shock absorber for Porsche 911 Carrera 4/ Turbo (996)

POZ MW00 Front

Mounting Instructions



MOUNTING INSTRUCTIONS

⚠ Warning!

We strongly recommend to let an Öhlins dealer install this product.

⚠ Warning!

If you work with a lifted vehicle, make sure that it is safely supported to prevent it from tipping over.

👁 Note!

When you work with this product, see the vehicle service manual for vehicle specific procedures and important data.

👁 Note!

Before you install this product clean the vehicle.

1

Remove the original shock absorbers from the vehicle, see the vehicle service manual for correct procedure.

⚠ Warning!

The spring is preloaded so take precaution when you remove the spring from the shock absorber.

2

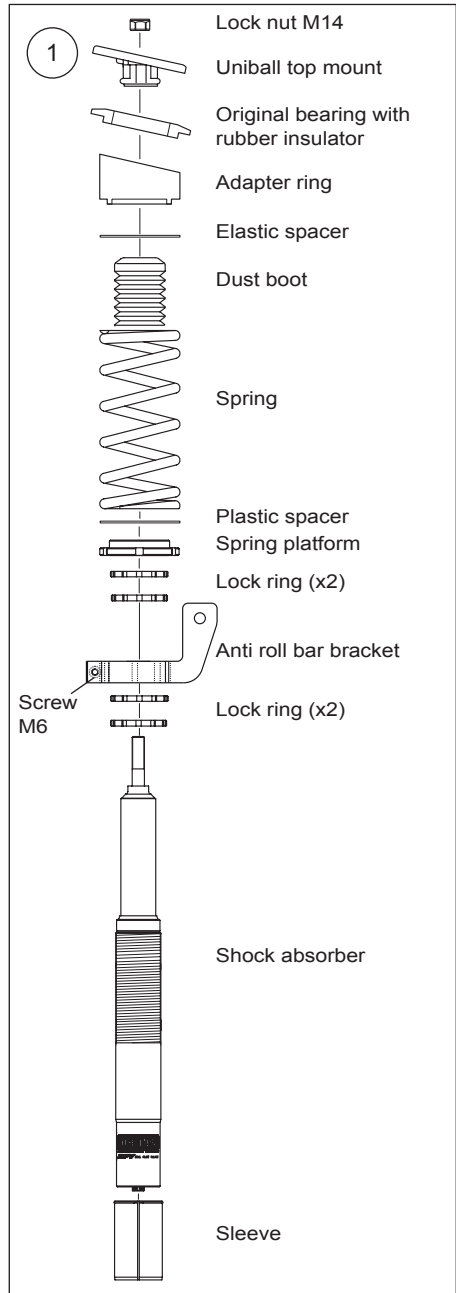
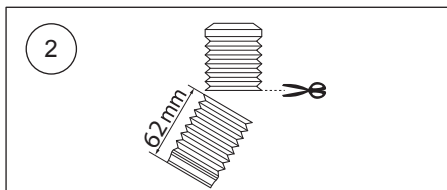
Cut the dust boot: 62 mm from the lower end according to Fig 2.

3

Assemble the strut/shock absorber, see figure 1.

4

Clean the top pin thread and nut with rubbing alcohol or brake cleaner. Apply the supplied grease on the top pin thread with a brush and on the bottom surface on the M14 nut.



MOUNTING INSTRUCTIONS

5

Fit and tighten the M14 lock nut by 60 Nm (44 ftlb) and hold the strut steady with a 6 mm allen key. Make sure you rotate the nut and not the top pin!

⚠ Warning!

This torque is very important, make sure to use a torque wrench. See fig 5 on how to achieve correct torque when using an extension with your torque wrench. Tightening of the M14 lock nut MUST be performed before the strut is fitted on to the vehicle.

6

Set the installation dimensions according to figure 3. You may need to change these to reach the target height.

👁 Note!

After you have installed all shock absorbers/struts you must check and adjust height. See section Adjustments and Setup data.

7

Install the Öhlins strut on the vehicle according to the vehicle service manual. Tighten the 3 top mount nuts to 33Nm (24 ft-lb).

👉 Caution!

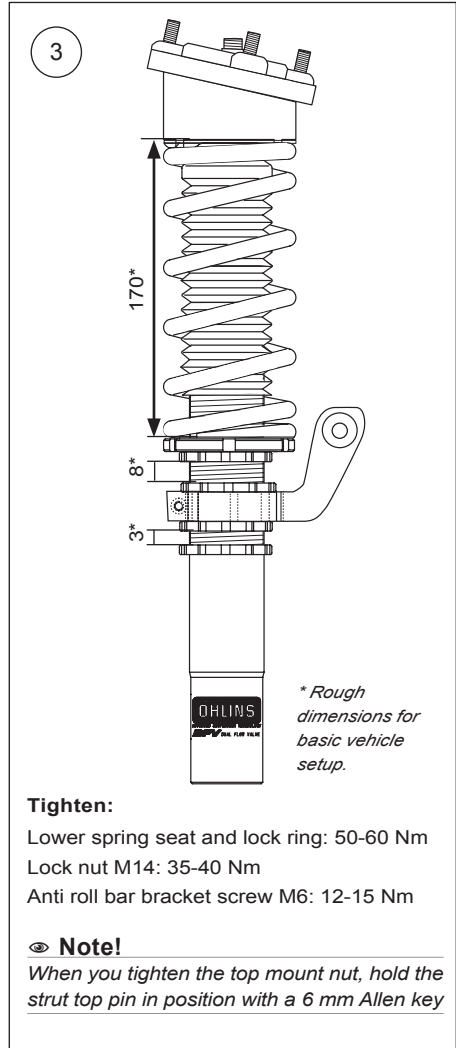
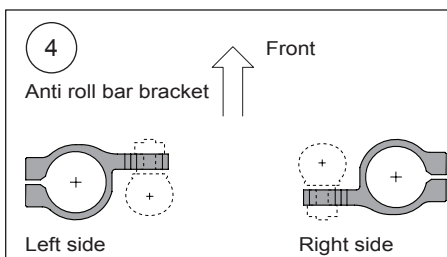
Ensure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the strut/shock absorber when the suspension is fully compressed or extended.

👁 Note!

Make sure that all removed parts, except the replaced parts, are reinstalled in the same positions as they were before the installation of the Öhlins shock absorbers.

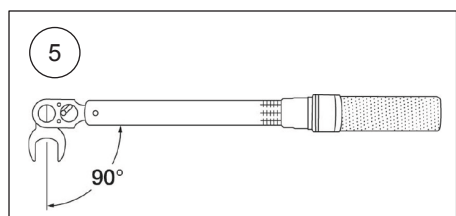
8

Position the anti roll bar bracket, see figure 4.



👁 Note!

When you tighten the top mount nut, hold the strut top pin in position with a 6 mm Allen key



ADJUSTMENTS

⚠ Warning!

Before you drive, always make sure that the setup is according to the recommended setup data. Read about adjustments and setting up in the Öhlins Owner's Manual before you make any adjustments. Contact an Öhlins dealer if you have any questions about setting up.

👁 Note!

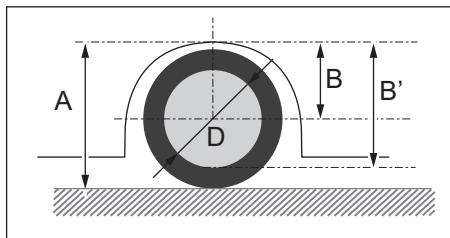
All dimensions are applicable for vehicles with original wheel dimensions.

Set vehicle height

When the Öhlins dampers are setup according to figure 5 and installed on the vehicle we recommend to set the height.

Definitions:

- A; Highest point on fender to ground.
- B; Highest point on fender to center of wheel.
- B'; Highest point of fender to lower edge of rim.
- D; Diameter of rim (measured)



Actual vehicle height:

The target height (B) for your vehicle with the Öhlins dampers installed is:

- front: 338 mm
- rear: 345 mm

To calculate target height (B):

1. Measure the rim (D).
2. Measure from the lowest point of the fender to the lowest edge of the rim and subtract half the diameter of the rim (D).

$$B = B' - D/2$$

If the height needs to be adjusted to reach the target height, change the length of the damper with the lower lock ring on the front damper and by moving the golden cup on the rear damper.

👁 Note!

Do not adjust outside the recommended range. Tighten to the specified torque after you have adjusted.

SETUP DATA

| Adjuster settings | | |
|--------------------------|-------|--------|
| Track | 0-7 | clicks |
| Winding road | 5-10 | clicks |
| Street | 10-20 | clicks |
| Spring | | |
| Free length | 180 | mm |
| Spring rate | 70 | N/mm |
| Spring preload | 10 | mm |

Vehicle height

The height of the vehicle is set with the dampers on the car according to the instructions in the Owners Manual. The length of the front strut can be adjusted in the range between +10 mm (to raise) and -10 mm (to lower) from the reference length. +10 mm should be close to the original height of the front of the vehicle and -8 a lowering of approx 20 mm compared to the original car. The length of the rear shock absorber can be adjusted in the range between +10 mm (raise) and -10 mm (lowering) from the reference length. +10 mm should be close to the original height of rear of the vehicle and -10 a lowering of approx 25 mm compared to the original car.

Öhlins products are subject to continuous improvement and development, therefore, although these instructions include the most up-to-date information available at the time of printing, minor updates may occur.

To find the latest information contact an Öhlins distributor. Please contact Öhlins if you have any questions regarding the contents in this document.

Part no. MI_POZMW00_0 front
Issued 2021-10-05

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| Kit Contents | | | |
|--------------|------------------------------|----------|-----|
| | Description | Part No | Pcs |
| 1 | Shock absorber rear | POS 6N00 | 2 |
| 2 | Bushing spacer sleeve | 24629-10 | 2 |
| 3 | Anti roll bar bracket, left | 10217-01 | 1 |
| 4 | Anti roll bar bracket, right | 10217-02 | 1 |
| 5 | Spring platform M52 | 05018-11 | 2 |
| 6 | Lock nut M52 | 00533-21 | 2 |
| 7 | Elastic spacer | 25601-01 | 2 |
| 8 | Dust boot | 10216-03 | 2 |
| 9 | Spring | 48010-39 | 2 |
| 10 | Plastic spacer | 25602-01 | 2 |
| 11 | Upper spring seat adapter | 25618-01 | 2 |
| 12 | Lock nut M12 | 24627-02 | 2 |
| 13 | 12 mm Washer | 24619-03 | 2 |
| 14 | Click adjuster | 24631-02 | 2 |
| 15 | M6 screw | 01046-06 | 4 |
| 16 | Öhlins owner manual | | 1 |

Note!

Please note that there can be small differences between your product and the images in these instructions.

Note!

Please note that during storage and transport, especially at high ambient temperature, some of the oil and grease used for assembly may leak and stain the packaging. This will not cause damage to the product, wipe off the excessive oil or grease with a cloth.

Note!

Before you install this product, check the kit contents. If anything is missing, please contact an Öhlins dealer.

Warning!

Before you install this product, read the Öhlins Owner's manual. This product is an important part of the vehicle and the vehicle stability.

Shock absorber for Porsche 911 Carrera 4/ Turbo (996)

POZ MW00 Rear

Mounting Instructions



MOUNTING INSTRUCTIONS

⚠ Warning!

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⚠ Warning!

If you work with a lifted vehicle, make sure that it is safely supported to prevent it from tipping over.

👁 Note!

When you work with this product, see the vehicle service manual for vehicle specific procedures and important data.

👁 Note!

Before you install this product clean the vehicle.

1

Remove the original shock absorbers from the vehicle, see the vehicle service manual for correct procedure.

2

Remove the:

- top washer
- top mount
- lower washer

from the original shock absorber. Note that you will need these parts to install the Öhlins shock absorber.

⚠ Warning!

The spring is preloaded so take precaution when you remove the spring from the shock absorber.

3

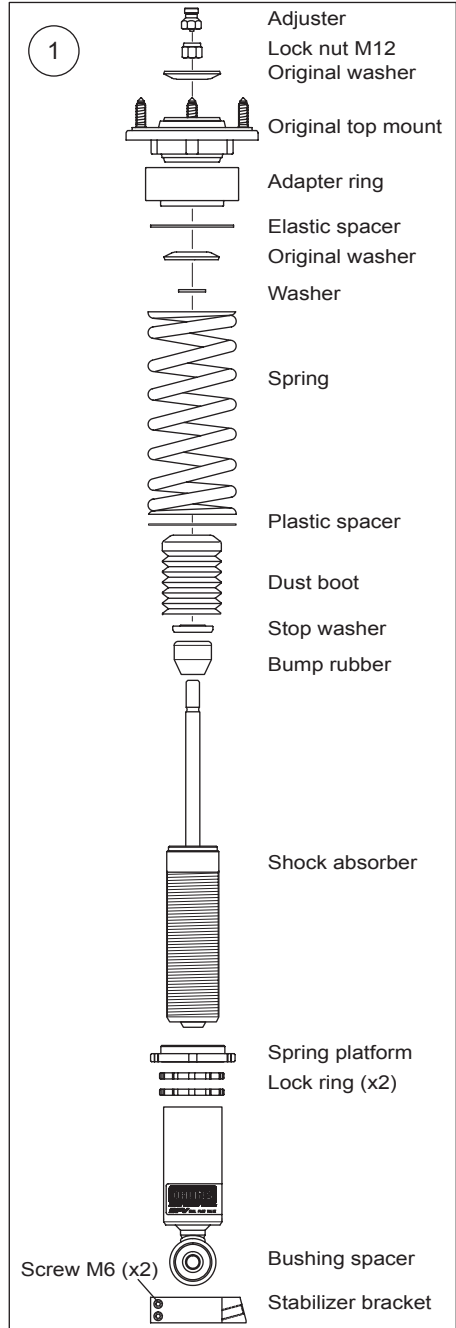
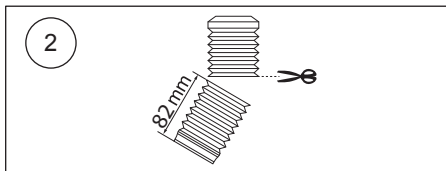
Cut the dust boot: 82 mm from the lower end.

4

Assemble the strut/shock absorber, see figure 1.

👁 Note!

Remove the golden colored cup before you install the spring seat and the lock nuts on the shock absorber.



MOUNTING INSTRUCTIONS

5

Set the installation dimensions according to figure 3. You may need to change these to reach the target height.

Note!

After you have installed all shock absorbers/struts you must check and adjust height. See section Adjustments and Setup data.

6

Install the Öhlins shock absorber on the vehicle according to the vehicle service manual. Use bushing spacer for the lower attachment of the rear shock absorbers.

Caution!

Ensure that all screws are tightened to the correct torque and that nothing fouls or restricts movement of the strut/shock absorber when the suspension is fully compressed or extended.

Note!

Make sure that all removed parts, except the replaced parts, are reinstalled in the same positions as they were before the installation of the Öhlins shock absorbers.

7

Position the anti roll bar bracket, see figure 4.

Note!

Parts for step 8 need to be ordered separately.

8

If the car is equipped with the BOSE loud speaker system you will need a wire adjuster.

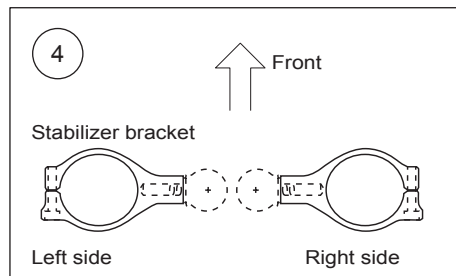
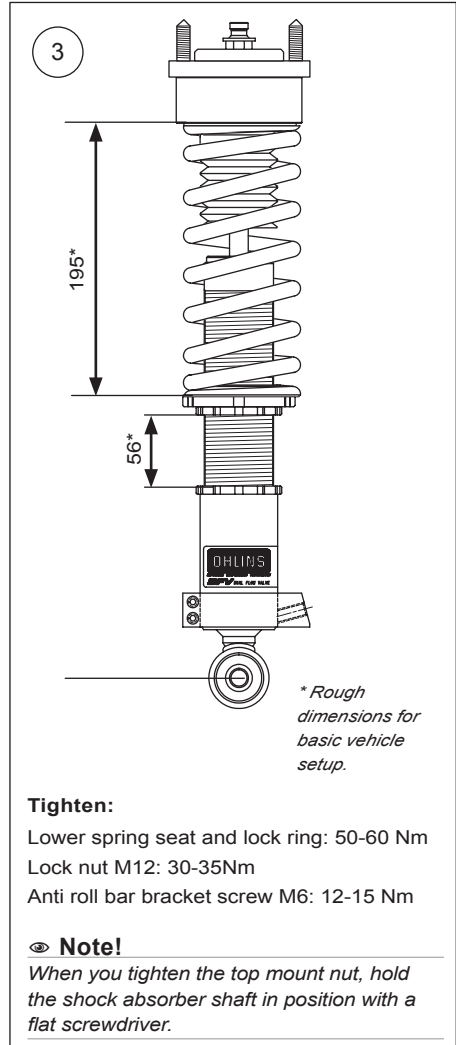
Part numbers:

24631-01 (1 pc/side)

24632-02 (1 pc/side)

24633-01 (1 pc/side)

24633-02 (1 pc/side)



ADJUSTMENTS

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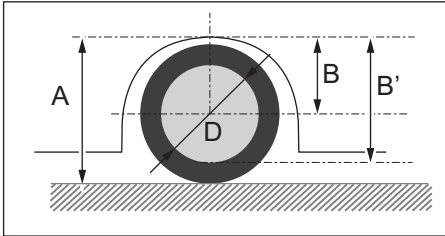
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$$B = B' - D/2$$

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👁 Note!

Do not adjust outside the recommended range. Tighten to the specified torque after you have adjusted.

SETUP DATA

| Adjuster settings | | |
|--------------------------|---------|--------|
| Track | 0-7 | clicks |
| Winding road | 5-10 | clicks |
| Street | 10-20 | clicks |
| Spring | | |
| Free length | 197-203 | mm |
| Spring rate | 120 | N/mm |
| Spring preload | 5 | mm |

Vehicle height

The height of the vehicle is set with the dampers on the car according to the instructions in the Owners Manual.

The length of the front strut can be adjusted in the range between +10 mm (to raise) and -10 mm (to lower) from the reference length. +10 mm should be close to the original height of the front of the vehicle and -8 a lowering of approx 20 mm compared to the original car.

The length of the rear shock absorber can be adjusted in the range between +10 mm (raise) and -10 mm (lowering) from the reference length.

+10 mm should be close to the original height of rear of the vehicle and -10 a lowering of approx 25 mm compared to the original car.

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Part no. MI_POZMW00_0 rear
Issued 2021-10-05

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