

# E4-WM5-Y302A00 MOUNTING INSTRUCTION



1. BILSTEIN shock absorber with original spring
2. BILSTEIN shock absorber with BILSTEIN spring
3. Original shock absorber with BILSTEIN spring

## Removal

Place vehicle on a chassis hoist, lift it and remove wheels.



***The lower control arm must be supported by suitable means!***

Remove bottom mount.

If necessary release brake hose/ brake hose holder/ stabilizer/ ABS- hose and/ or swing- support at strut. At support suspension arm, screw on top, inside must be released a little.

Remove top fixing nuts from support bearing.

**Do not remove centre nut at this time!**

Remove complete strut and clamp it in an appropriate strut vice.

Using a suitable spring compressor, compress suspension spring until tension on support bearing is released.

Fit original/ BILSTEIN mounting parts on strut in reverse sequence to removal, except for dust cover and bump stop, since BILSTEIN- strut has built in bump stop. If there is no dust cover delivered by BILSTEIN, the original one is to be reused.

Please refer to diagram to identify which parts will be replaced with BILSTEIN- supplied components.

ATTENTION: Some models are equipped with plastic- dustcover cap also. This cap **do not** reuse!

## Install

Assemble BILSTEIN and/ or original mounting parts, on the BILSTEIN strut in reverse sequence of removal.

The cable for the electronic force adjustment must be fixed by stick- cable clip (1x) at pos. **A**. With small cable clips (10x) the electronic cable can be fixed along the ABS- cable to connect with original plug adapter.



***Before releasing the spring, care is to be taken to ensure that the spring rest in the cut outs of top and bottom spring plate!***

The correct mounting position of the suspension springs can be determined by the printing on the springs; install them with the print upright.

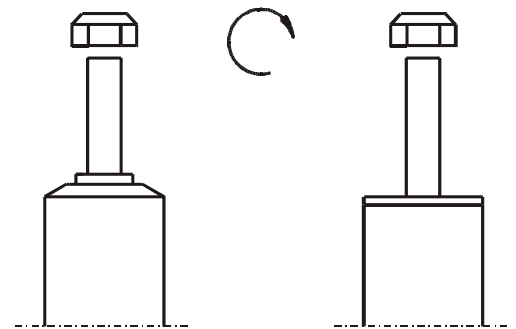
Fit assembled BILSTEIN strut to the vehicle in reverse sequence of removal.

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## - list of torques

	M 8	M 10	M 12	M 14	M 16	Thread
	13	25	45	72	110	Torque Nm
	10	19	34	54	83	Torque ft lb



**Do not use impact tools for loosening or tightening fasteners, because this may destroy the threads. Self- locking nuts must only be used once!**

All rubber- mounted strut/ damper attachments must not be fully tightened until AFTER the suspension system is loaded (wheels on the ground). Other mounting fasteners (for example brackets) must be securely tightened BEFORE load is placed on the suspension system.

**ALL DIAGRAMS ARE GENERALIZED AND NOT TO SCALE!  
BRACKETS, ETC. SPECIFIC TO STRUT ARE NOT SHOWN!**

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**B** = BILSTEIN Lieferumfang  
Delivered by BILSTEIN

**OE** = Original Anbauteile  
Original Equipment

