

E4-WM5-Y303A00

MOUNTING INSTRUCTION



Remove

Place vehicle on a chassis hoist,
lift it and remove wheel



The lower control arm must be supported by suitable means!

Remove bottom mount.

Remove top fixing nuts from support bearing.
Do not remove centre nut at this time!

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

Compress suspension spring until tension on support bearing is released.

Release centre nut and remove original mounting parts. Please refer to diagram to identify which parts will be replaced with BILSTEIN- supplied components.

Install

Assemble BILSTEIN and/ or original mounting parts on BILSTEIN shock absorber in reverse sequence of removal.

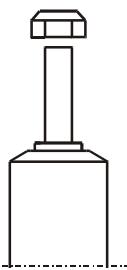
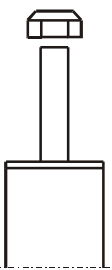


Before releasing the spring, care is to be taken to ensure that the ends of the spring rest in the cut outs of the top and bottom spring pads.

Fit assembled shock absorber to the vehicle in reverse sequence of removal.

**All Drawings are generalized!
brackets, etc. specific
to strut are not shown!**

**Do not use an impact tool to loosen
or tighten fasteners due to possible
damage to the product.
Self- locking nuts must only be
used once!**

List					Thread	Torque Nm	Torque ft lb			
M8	M 10	M 12	M 14	M 16						
13	25	45	72	110						
10	19	34	54	83						

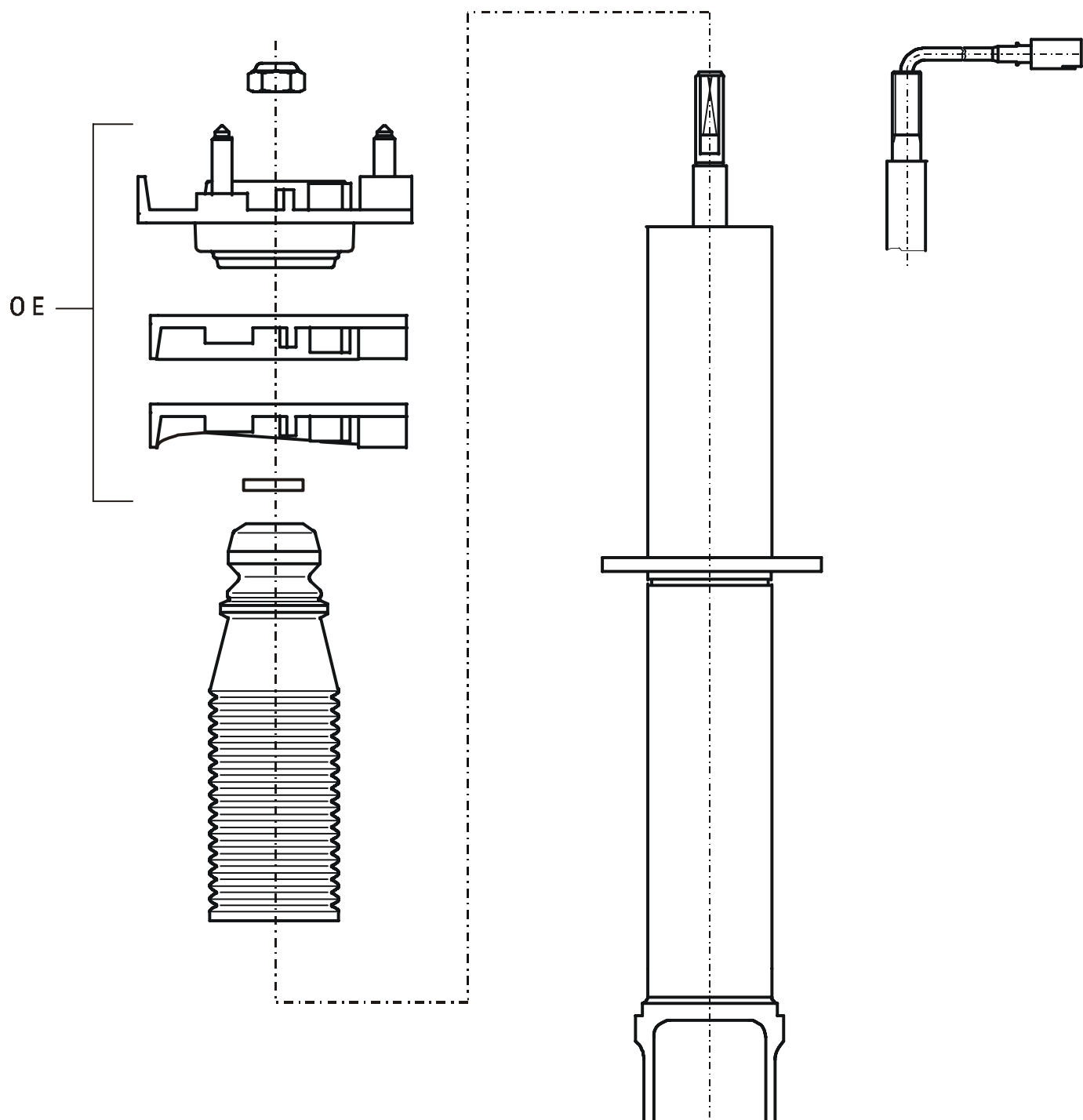
E4-WM5-Y303A00

MOUNTING INSTRUCTION



ohne/ without PASM

mit/ with PASM



OE = Original Anbauteile
Original Equipment

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.

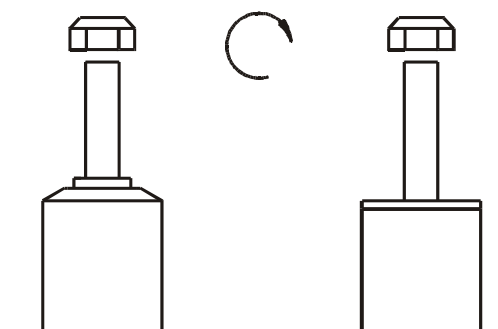
Fit assembled BILSTEIN strut to
the vehicle in reverse sequence of removal.

E4-WM5-Y302A00 MOUNTING INSTRUCTION



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!

E4-WM5-Y302A00 MOUNTING INSTRUCTION



B = BILSTEIN Lieferumfang
Delivered by BILSTEIN

OE = Original Anbauteile
Original Equipment

