

E4-WM5-Y295A00

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 dome.
Do not remove center nut at this time!

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

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

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

Installation

Fit original/ BILSTEIN mounting parts on strut in reverse sequence to removal. The top cap, delivered by BILSTEIN, must be fitted after positioning of spring, using appropriate tool, through unloaded spring coil (**see. Fig. A**). The original dust cover is to be reused. **ATTENTION:** The original plastic- dustcover cap **DO NOT** reuse!



Before releasing the spring, care is to be taken to ensure that the spring rest in the cutouts 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.

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.

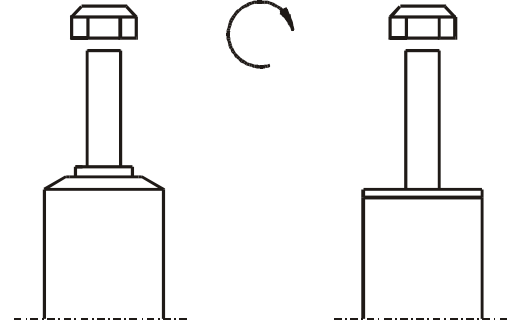
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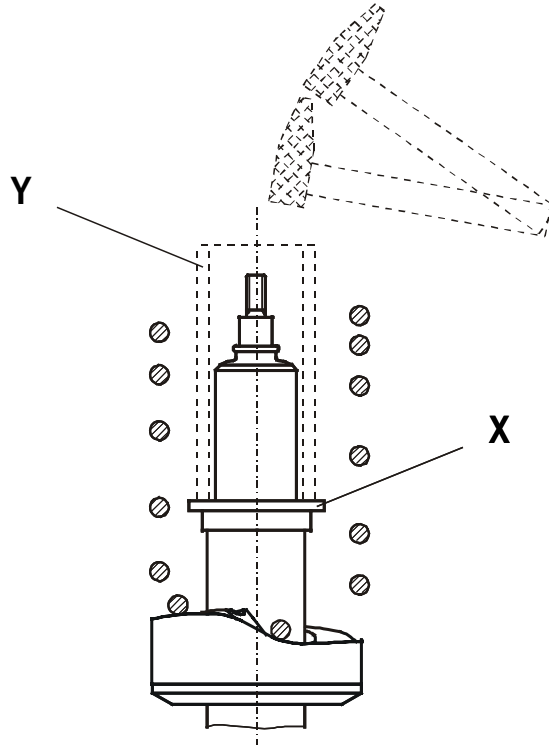


- list of torques

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



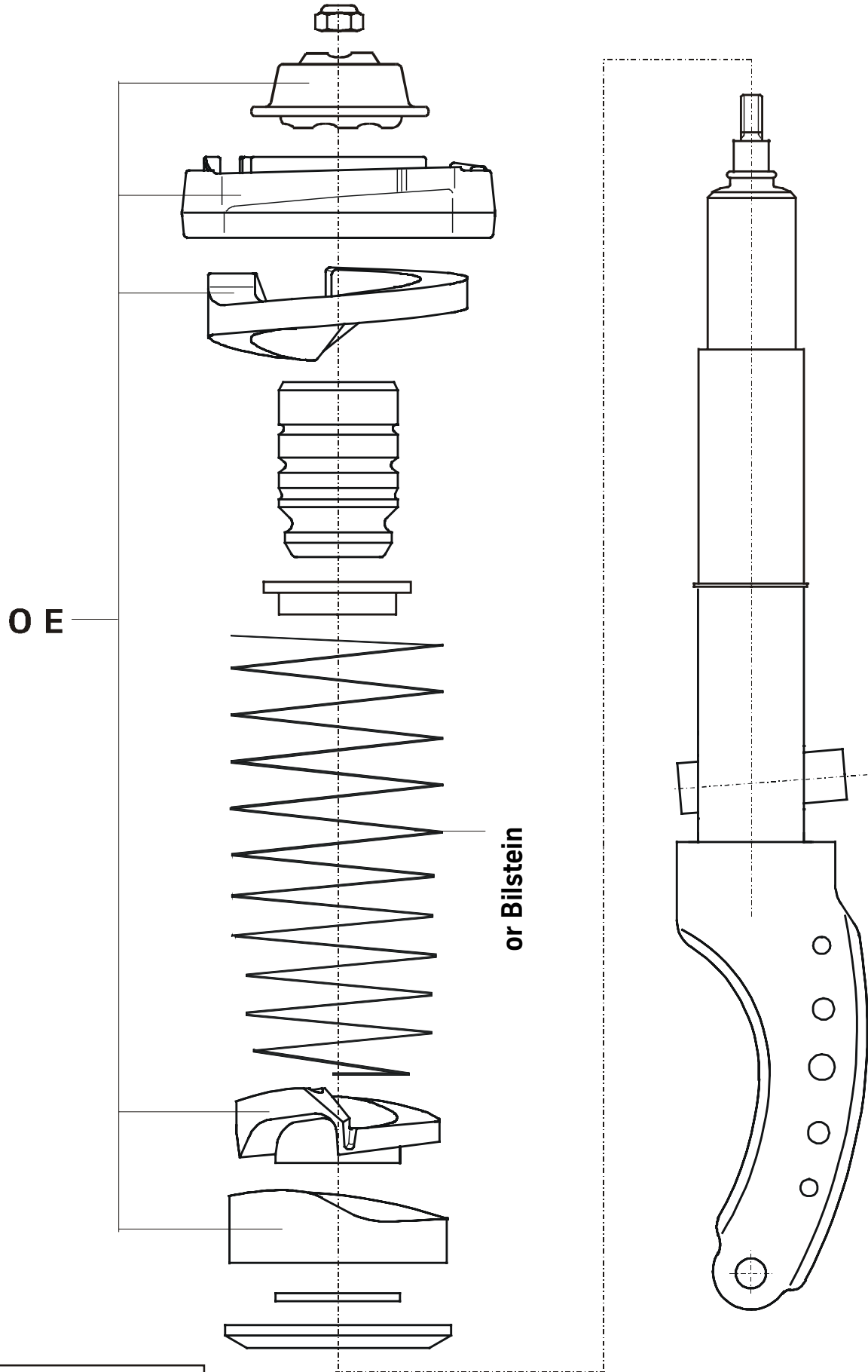
Do not damage the chromed tube when knocking the top cap (X)! Use of an appropriate auxiliary tool (Y) is been requested.



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

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OE = Original Equipment