

# E4-WM5-Y062A00

## MOUNTING INSTRUCTION



### **Before installation please observe the following points:**

- Read all information in this manual carefully.  
All suspension components are fitted and removed acc. to the manufacturer's specifications for fitting and removing, if not otherwise required in these instructions.
- Check the product for all components before starting installation!
- Check that dimensions and fastening points are comparable between the original and Bilstein shock absorbers.
- Directional references (left, right, front, rear) are always with reference to the driving direction.  
Remove the negative battery pole.
- The test vehicles are left- hand drive cars.

### **After installation please observe the following points:**

- After installing the suspension system, caster and camber must be checked and adjusted according to manufacturer's specifications.  
Check and reset load- dependent brake compensator and ABS system according to manufacturer's specifications.  
Check and adjust headlight aim.
- Connect the negative battery pole.
- Because the vehicle has been lowered, freedom of movement for all wheel-/ tire- combinations must be checked.
- 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 tight-ened BEFORE load is placed on the suspension system.

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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.

Vehicles equipped with xenon headlight the sensor for the headlamp levelling controller must removed bevoor.



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

Remove bottom mount.

Remove top fixing nuts from support bearing.  
**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.

### Installing

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



***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 to removal.

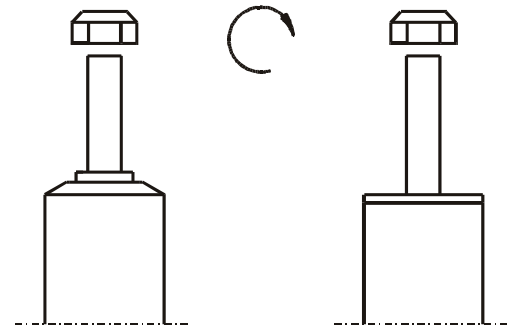
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- **list of torques**

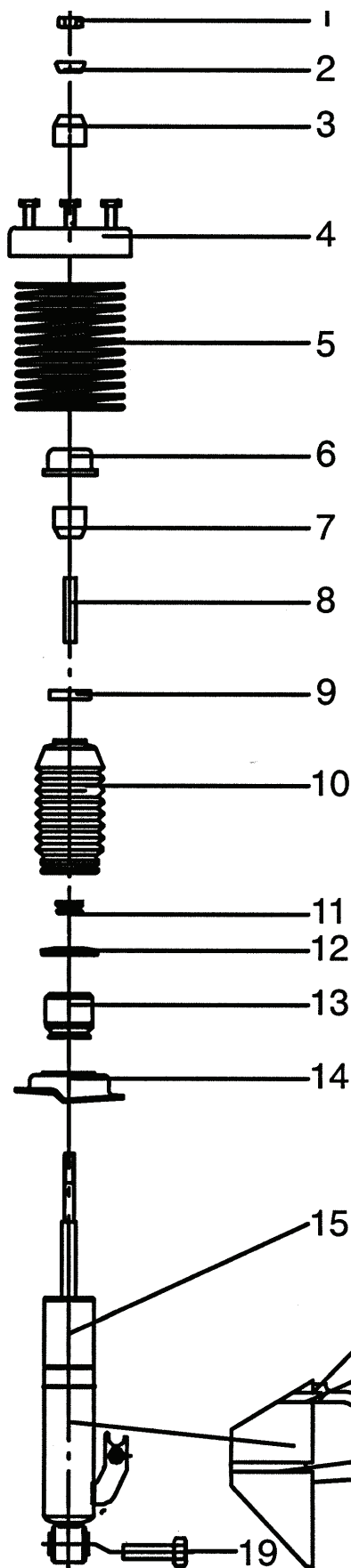
	M 8	M 10	M 12	M 14	M 16	Thread
	13	25	45	72	110	Torque Nm
	10	19	34	54	83	Torque ft lb



**Do not use an impact tool to loosen or tighten fasteners due to possible damage to the product. 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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1. Kolbenstangenmutter  
Anzugsmoment 15–20 Nm
2. Teller
3. Puffer
4. Stützlager  
Anzugsmoment 20–25 Nm
5. Schraubenfeder
6. Teller
7. Puffer
8. Buchse
9. Scheibe
10. Faltenbalg
11. Schutzrohraufnahme
12. Teller
13. Anschlagpuffer
14. Federteller
15. BILSTEIN–Stoßdämpfer
16. Sprengring
17. Sprengringsitz bei  
Serienhöhe
18. Sprengringsitz bei Tieferle-  
gung gemäß TÜV–Gutachten
19. Untere Sechskantschraube  
Anzugsmoment 80 Nm

(Bei der Montage des Federtellers  
(14) ist auf korrekten Sitz des  
Sprengringes (16) zu achten.)