

# E4-WM5-Y333A00 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-tened 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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1. BILSTEIN shock absorber with original spring
2. BILSTEIN shock absorber with BILSTEIN spring
3. Original shock absorber with BILSTEIN spring

## 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 center nut at this time!**

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

Compress suspension spring until ten-  
sion on support bearing is released.

Release center 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 cutouts of the top and bottom springpads.***

Remove original rubber protectiv cover ( X ) and  
replace it on BILSTEIN shock absorber

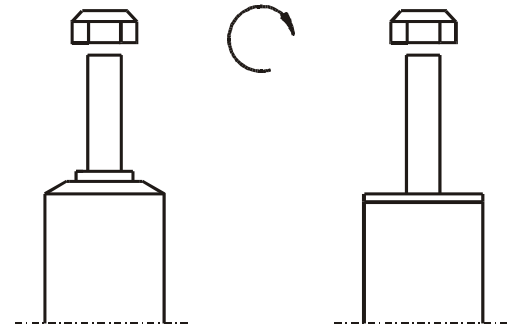
Fit assembled shock absorber to the  
vehicle in reverse sequence of removal.

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## list of torques

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



**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!**

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