

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-ened 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

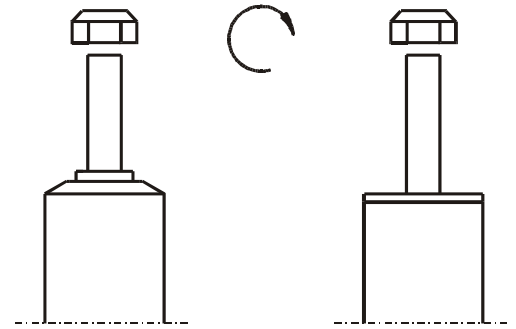
Fit assembled shock absorber to the
vehicle in reverse sequence of removal.

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- list of torques

| | M 8 | M 10 | M 12 | M 14 | M 16 | Thread |
|--|-----|------|------|------|------|-----------------|
| | 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!

