

E4-WM5-Y226A01

MOUNTING INSTRUCTION



SPRING CARRIED SHOCK ABSORBER

(FSA*, FAA*, FSS*, FSX*, FSG*)

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 wheels.



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 and coil spring. Please check, which original mounting parts will be renewed with mounting parts supplied by BILSTEIN.

Install

Assemble BILSTEIN and/ or original mounting parts, as well as the new BILSTEIN spring on the 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 plates.

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 shock absorber to the vehicle in reverse sequence of removal. For to guarantee correct fitting of mounting parts, it is necessary to compare the Type- No, printed on damper-label with the charts on the following pages.

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MOUNTING INSTRUCTION



B

STANDARD SHOCK-ABSORBER

(SA*, AA*, SS*, SX*, SG*)

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 wheels.



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

Remove bottom mount.

Remove top fixing mount.

Remove shock absorber from vehicle.

Remove original mounting parts.

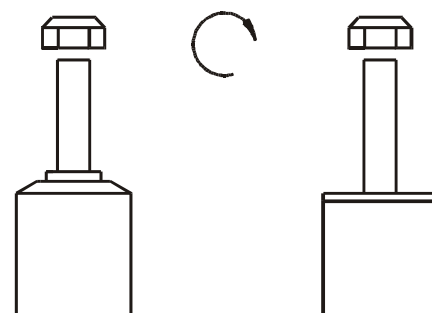
Install

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

Fit assembled shock absorber to the vehicle
in reverse sequence of removal. For to guarantee
correct fitting of mounting parts, it is necessary to
compare the Type- No, printed on damper- label
with the charts on the following pages.

All self- locking nuts must be replaced.
Tightening torques see list below.

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 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 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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MOUNTING INSTRUCTION

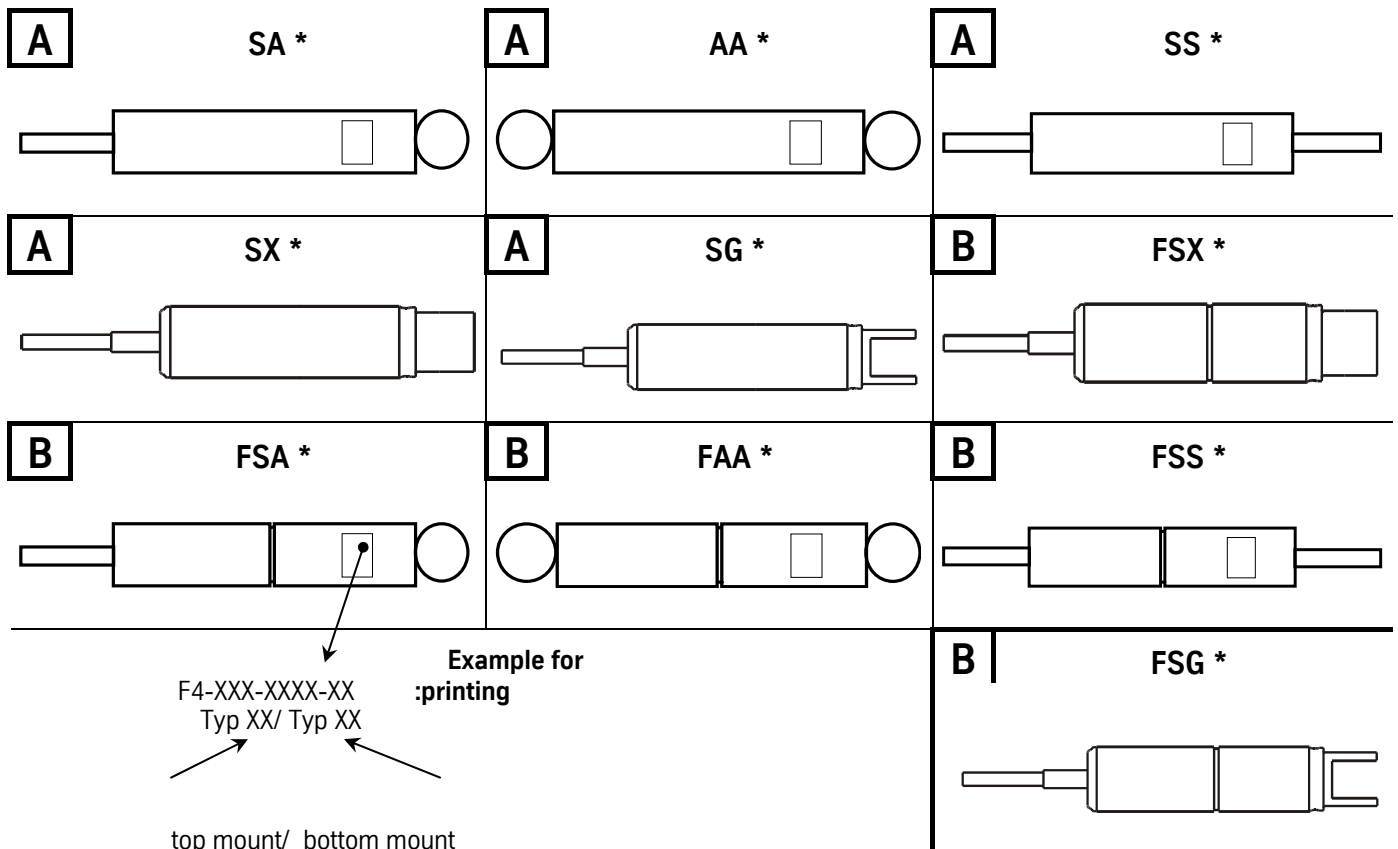


ALLE DARSTELLUNGEN SIND SCHEMATISCH!

ALL DRAWINGS ARE GENERALIZED!
BRACKETS, ETC. SPECIFIC TO
STRUT ARE NOT SHOWN!

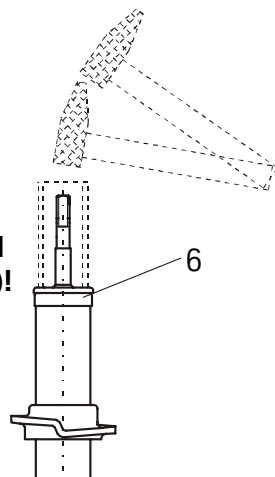
TYPES OF SHOCK ABSORBER

* see application guide side M54

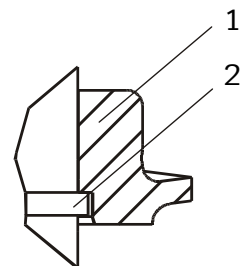


If no dust cover is delivered by BILSTEIN,
original dust cover must be reused
or replaced.

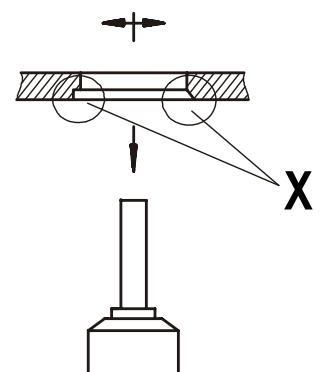
Do not damage the piston rod
when knocking a top cap (6)!



When fitting the spring plate (1)
care must be taken to ensure that
the circlip ring (2) is seated
correctly!



X = Fitting of plates with
chamfer (if exist)



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Typ1 	Typ2 	Typ3 	Typ4 	Typ5
Typ6 	Typ7 	Typ8 	Typ9 	Typ10
Typ11 	Typ12 	Typ13 	Typ14 	Typ15
Typ16 	Typ17 	Typ18 	Typ19 	Typ20
Typ21 	Typ22 	Typ23 	Typ24 	OE = Original Anbauteile Original Equipment