



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

TYPES OF SHOCK ABSORBER

• siehe Typenliste S. 1/ see application guide side 1

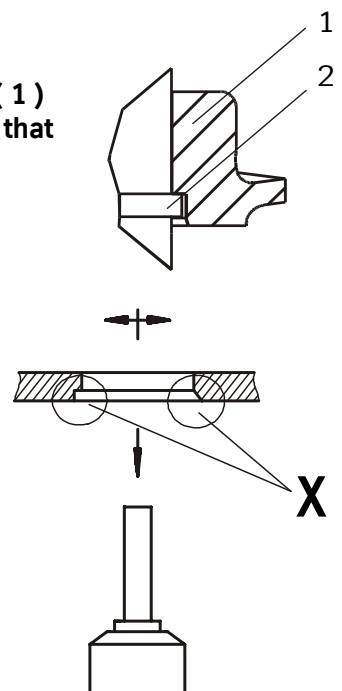


If no dust cover is delivered by BILSTEIN,
original dust cover must be reused
or replaced.

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)



A **SPRING CARRIED SHOCK ABSORBER**

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

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 nut and remove original (mounting parts) just as original spring. Please check, which original mounting parts will be renewed with mounting parts supplied by BILSTEIN.

Fitting

Fit BILSTEIN and/ or original mounting parts just as the new BILSTEIN spring on the strut 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 mounting position of the suspension springs can be read by the imprint- have them installed just the way you read the imprint.

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.

E4-WM5-Y217A00 MOUNTING INSTRUCTION



B

STANDARD SHOCK-ABSORBER

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

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.

Remove bottom mount.



The lower control arm must be supported by suitable means!

Remove top fixing mount.

Remove shock absorber from vehicle.

Remove original mounting parts.

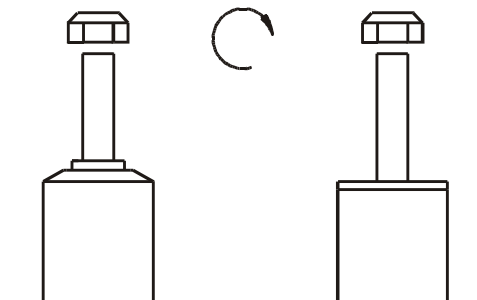
Installing

Fit BILSTEIN and/ or original mounting parts on 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						
	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

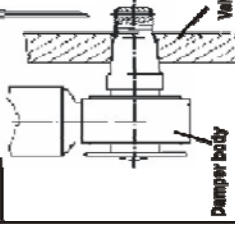


E4-WM5-Y217A00 MOUNTING INSTRUCTION



Typ1	 Original Equipment - Original Equipment Original mounting parts	Typ56		Typ31		Typ38	
Typ2		Typ7		Typ32		Typ37	
Typ3		Typ8		Typ33		Typ36	
Typ4		Typ9		Typ34		Typ39	
Typ5		Typ10		Typ35		Typ40	
Typ6		Typ11		Typ36		Typ41	
Typ7		Typ12		Typ37		Typ42	
Typ8		Typ13		Typ38		Typ43	
Typ9		Typ14		Typ39		Typ44	
Typ10		Typ15		Typ40		Typ45	
Typ11		Typ16		Typ41		Typ46	
Typ12		Typ17		Typ42		Typ47	
Typ13		Typ18		Typ43		Typ48	
Typ14		Typ19		Typ44		Typ49	

Shotted neck
torque to min.
40 Nm (29 lb/ft)
and insert cotter pin



DC "G"- Typ
Bei Fahrzeugen mit
Kurzchassis entfallen die
beiden Scheiben ø 22/ 5 dick

