



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.

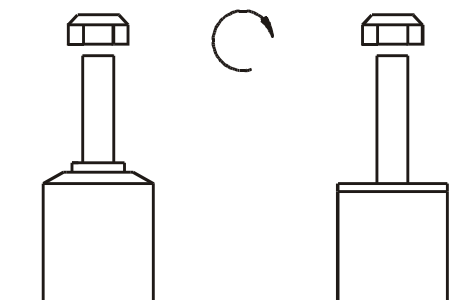
Installing

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

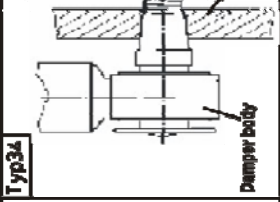


E4-WM5-Y217A00
MOUNTING INSTRUCTION

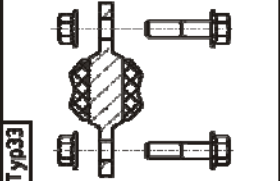
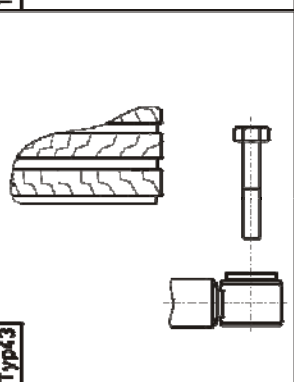


Typ1	<p>OE Original Anbauteile - Original Equipment Original mounting parts</p>	Typ2		Typ3		Typ4		Typ5		Typ6	
Typ7		Typ8		Typ9		Typ10		Typ11		Typ12	
Typ13		Typ14		Typ15		Typ16		Typ17		Typ18	
Typ19		Typ20		Typ21		Typ22		Typ23		Typ24	
Typ25		Typ26		Typ27		Typ28		Typ29		Typ30	
Typ31		Typ32		Typ33		Typ34		Typ35		Typ36	
Typ37		Typ38		Typ39		Typ40		Typ41		Typ42	
Typ43		Typ44		Typ45		Typ46		Typ47		Typ48	
Typ49		Typ50		Typ51		Typ52		Typ53		Typ54	
Typ55		Typ56		Typ57		Typ58		Typ59		Typ60	
Typ61		Typ62		Typ63		Typ64		Typ65		Typ66	
Typ67		Typ68		Typ69		Typ70		Typ71		Typ72	

Shotted neck
Torque to min.
45 Nm (33 lb/ft)
and insert cotter pin



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



22
ø
5
dick

oder
or