



Service-Information BMW Automobile

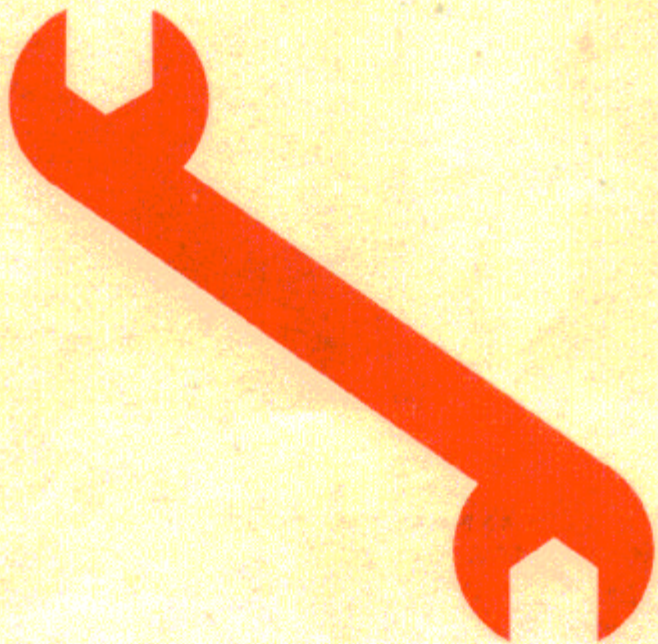





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All Service Informations are saved in german language, please find them in the german manual.








change to	 ECE (A)  US Models  Japanese Models	Year	79 - 87	75 - 79	75 - 81	77 - 89	83 - 89
		Version	ECE - Models with Mechanical transmission				
		Model	628 CS i	630 CS	633 CS i	635 CS i	M 6
Technical Data - Front Axle		Unit					
31 10 ... Front Axle and Suspension							
Track width with car in normal position	- 2 x 68 kg on front seats - 14 kg in luggage compartment - full fuel tank						
	- with rim offset of 22 mm	mm	1420		1422	-	
	> model 5.82	mm	1429	-	1429	1431	
	- with rim offset of 15 mm	mm	-			1445	
Height with car in normal position (lower edge of wheel house to rim flange at center of wheel)							
- 14" wheel rims		mm	564 ± 8			-	
	> model ' 80	mm	567 ± 10			-	
	> model 5.82		579 ± 10			-	
	- vehicle with M - Technic		554 ± 10			-	
- 165 TR 390 wheel rims							
	> model ' 80	mm	581 ± 10			-	
	> model 5.82		593 ± 10			584 ± 10	
	- vehicle with M - Technic		568 ± 10			-	
- 210 TR 415 wheel rims		mm	-			593 ± 10	
Difference of deviation from nominal value for all wheels to each other	- max.	mm	10				
31 12 ... Control Arms and Struts							
Max. axial spring travel of ball pin with max. wear		mm	1,4				
31 20 ... Wheel Bearings							
Axial wheel bearing play			0 ... 0,5				
Lubricant			see BMW - Service Information				
Volume of Lubricant							
	- Wheel hub	g	50				
	- Grease cap	g	20				
	> model 5.82		bearing unit lubricated for service life and cannot be disassembled				
31 21 ... Wheel hub							
Axial runout of wheel hub	- max.	mm	0,05				
	> model ' 80 - max.	mm	0,1				
31 31 ... Spring Struts							
Oil filling between spring strut and shock absorber cartridge (all approved engine oils) -excluding gas pressure absorbers		cm³	50				


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	 US Models	Version	ECE - Models with Mechanical transmission				
	 Japanese Models	Model	628 CS i	630 CS	633 CS i	635 CS i	M 6
Technical Data - Front Axle		Unit					
31 32 ... Shock absorbers							
Only install shock absorbers with same code on one axle!							
Shock absorber cartridge "Standard"							
- BMW - No.			1 112 018.2		1 122 000.2		-
- code on upper hexagon			N		W		-
> model ' 80			1 117 216		1 222 000		-
- code on upper hexagon			n		u		-
> model 5.82			1 126 559	-	1 126 643		2 225 016
- code on upper hexagon			x	-	y		c
Shock absorber cartridge "Sport suspension"							
> model ' 80			1 222 000	-	1 222 000		-
- code on upper hexagon			u	-	u		-
> model 5.82			1 126 643	-	1 126 643		-
- code on upper hexagon			y	-	y		-
Shock absorber test values			see BMW - Service Information				


change to	 ECE  US Models  Japanese Models	Year	79 - 87	75 - 79	75 - 81	77 - 89	83 - 89
		Version	ECE - Models with Automatic transmission				
		Model	628 CS i A	630 CS A	633 CS i A	633 CS i A 	635 CS i A
Technical Data - Front Axle		Unit					
31 10 ... Front Axle and Suspension							
Track width with car in normal position	- 2 x 68 kg on front seats - 14 kg in luggage compartment - full fuel tank						
	- with rim offset of 22 mm	mm	1420		1422		
	> model 5.82	mm	1429	-	1429		
	- with rim offset of 15 mm	mm	-				
Height with car in normal position (lower edge of wheel house to rim flange at center of wheel)							
- 14" wheel rims		mm	564 ± 8				
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	- vehicle with M - Technic		554 ± 10				
- 165 TR 390 wheel rims							
	> model ' 80	mm	581 ± 10				
	> model 5.82		593 ± 10				
	- vehicle with M - Technic		568 ± 10				
- 210 TR 415 wheel rims		mm	-				
Difference of deviation from nominal value for all wheels to each other	- max.	mm	10				
31 12 ... Control Arms and Struts							
Max. axial spring travel of ball pin with max. wear		mm	1,4				
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Shock absorber cartridge "Standard"							
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- BMW - No.			1 117 216		1 222 000		
- code on upper hexagon			n		u		
> model 5.82							
- BMW - No.			1 126 559	-		1 126 643	
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Shock absorber cartridge "Sport suspension"							
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change to	 ECE ECE (A)  Japanese Models	Year	76 - 77	77 - 84	77 - 84	84 - 89	84 - 89	86 - 88
		Version	US Models					
		Model	630 CS i	633 CS i	633 CS i A	635 CS i	635 CS i A	M 6
Technical Data - Front Axle		Unit						
31 10 ... Front Axle and Suspension								
Track width with car in normal position	- 2 x 68 kg on front seats - 14 kg in luggage compartment - full fuel tank							
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Shock absorber cartridge "Sport suspension"									
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