















change to	 ECE (A)	Year	79 - 87	75 - 79	75 - 81	77 - 89	83 - 89
	 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 - General Electrical System		Unit					
61 20...Battery							
Nominal voltage		V	12				
Capacity		Ah	66				90
61 31...Switches							
Oil pressure switch	Switching in pressure	bar	0,2 ... 0,5				
Temperature switch 91°C	Switching-in point	°C	91 ± 2				
	Switching-out point	°C	84 ± 2				
Temperature switch 96°C	Switching-in point	°C	96 ± 2				
	Switching-out point	°C	91 ± 2				
Temperature switch 99°C	Switching-in point	°C	99 ± 2				
	Switching-out point	°C	92 ± 2				
Double temperature switch							
	Switch - on Stage 1	°C	94 ± 3				
	Switch - on Stage 2	°C	103 ± 3				
	Switch - off Stage 1	°C	89 ± 3				
	Switch - off Stage 2	°C	98 ± 3				
Door lock heating control unit							
	Heating time at -15°C ambient temperature	sec.	27 ... 35				
	Heating time at 0°C ambient temperature	sec.	13 ... 20				
	Heating time at +25°C ambient temperature	sec.	5 ... 7				
Brake pad wear sensor							
Warning position with residual pad thickness							
		at least mm	1,5				
		max. mm	3,5				
Door lock heating ring	- Power	A	3 ... 6				
61 66...Windshield Washer Pump							
Delivery pressure		at least bar	1,5				

change to	 ECE	Year	79 - 87	75 - 79	75 - 81	77 - 89	83 - 89
	 US Models	Version	ECE - Models with Automatic transmission				
	 Japanese Models	Model	628 CS i A	630 CS A	633 CS i A	633 CS i A 	635 CS i A
Technical Data - General Electrical System		Unit					
61 20...Battery							
Nominal voltage		V	12				
Capacity		Ah	66				
61 31...Switches							
Oil pressure switch	Switching in pressure	bar	0,2 ... 0,5				
Temperature switch 91°C	Switching-in point	°C	91 ± 2				
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	Switching-out point	°C	91 ± 2				
Temperature switch 99°C	Switching-in point	°C	99 ± 2				
	Switching-out point	°C	92 ± 2				
Double temperature switch							
	Switch - on Stage 1	°C	94 ± 3				
	Switch - on Stage 2	°C	103 ± 3				
	Switch - off Stage 1	°C	89 ± 3				
	Switch - off Stage 2	°C	98 ± 3				
Door lock heating control unit							
	Heating time at -15°C ambient temperature	sec.	27 ... 35				
	Heating time at 0°C ambient temperature	sec.	13 ... 20				
	Heating time at +25°C ambient temperature	sec.	5 ... 7				
Brake pad wear sensor							
Warning position with residual pad thickness							
		at least mm	1,5				
		max. mm	3,5				
Door lock heating ring	- Power	A	3 ... 6				
61 66...Windshield Washer Pump							
Delivery pressure		at least bar	1,5				

change to	 	ECE	Year	76 - 77	77 - 84	77 - 84	84 - 89	84 - 89	86 - 88
		ECE (A)	Version	US Models					
		Japanese Models	Model	630 CS i	633 CS i	633 CS i A	635 CS i	635 CS i A	M 6
Technical Data - General Electrical System		Unit							
61 20...Battery									
Nominal voltage		V	12						
Capacity		Ah	66					90	
61 31...Switches									
Oil pressure switch	Switching in pressure	bar	0,2 ... 0,5						
Temperature switch 91°C	Switching-in point	°C	91 ± 2						
	Switching-out point	°C	84 ± 2						
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	Switch - on Stage 1	°C	94 ± 3						
	Switch - on Stage 2	°C	103 ± 3						
	Switch - off Stage 1	°C	89 ± 3						
	Switch - off Stage 2	°C	98 ± 3						
Door lock heating control unit									
	Heating time at -15°C ambient temperature	sec.	27 ... 35						
	Heating time at 0°C ambient temperature	sec.	13 ... 20						
	Heating time at +25°C ambient temperature	sec.	5 ... 7						
Brake pad wear sensor									
Warning position with residual pad thickness									
		at least mm	1,5						
		max. mm	3,5						
Door lock heating ring	- Power	A	3 ... 6						
61 66...Windshield Washer Pump									
Delivery pressure		at least bar	1,5						

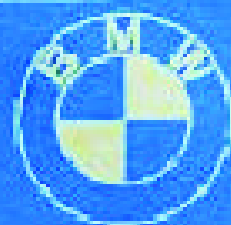
change to	 ECE  ECE (A)  US Models	Year	78 - 84	78 - 84	84 - 88	84 - 88	86 - 88
		Version	Japanese Models				
		Model	633 CS i	633 CS i A	635 CS i	635 CS i A	M 6
Technical Data - General Electrical System		Unit					
61 20...Battery							
Nominal voltage		V	12				
Capacity		Ah	66				90
61 31...Switches							
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Double temperature switch							
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	Switch - on Stage 2	°C	103 ± 3				
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61 66...Windshield Washer Pump							
Delivery pressure		at least bar	1,5				



Service-Information BMW Automobile



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