




















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 - Instruments		Unit					
62 11 ... Instrument cluster							
Temperature gauge							
Display range	°C	+ 40 ... + 120					
Displayed value / comparative resistance	°C / O	40 / 287,4		40 / 287,4			
	°C / O	62 / 125		61,5 / 127,2			
	°C / O	96 / 43,1		88,5 / 53,8			
	°C / O	116,5 / 24,8		103 / 35,5			
	°C / O	120 / 22,5		115 / 25,8			
Operating voltage	V	12 ± 3					
Testing voltage	V	13 ± 0,26					
Fuel gauge							
Display range	l	R					-
		20					-
		30					-
		50					-
		70					-
		- RHD					-
Displayed value / comparative resistance	I / O	Res. / 73,9				-	
	I / O	20 / 52,7				-	
	I / O	30 / 37,6				-	
	I / O	50 / 10				-	
	I / O	70 / 3,2				-	
	- RHD					-	
Operating voltage	V	12 ± 3					
		13 ± 0,26					
Testing voltage	V	13 ± 0,26					



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	- Instruments	Unit					
62 12 ... Speedometer (mechanical)							
Kilometer display	- display range	km/h	20 ... 240			10 ... 260	-
	- Constant W	Wz	0,716			0,638	-
Mile Display	- display range	mph	10 ... 150			10 ... 160	-
	- Constant W	Wz	1,152			1,02	-
Drive Shaft	- Length (length of cover)	mm	-	1520 ± 3		1690 ± 3	-
	- Color Code		-	gold - blue		grey - red	-
Drive Shaft RHD	- Length (length of cover)	mm	-	1520 ± 3		1910 ± 3	-
	- Color Code		-	gold - blue		white - blue	-
62 12 ... Speedometer (electric)							
Display range		km/h	240			260	280
Constant K		Imp / km	4545				4641
Gauge value / frequency		km/h / Hz	40 / 51		40 / 52		
			80 / 101		80 / 103		
			120 / 152		120 / 155		
			160 / 202		160 / 207		
			200 / 253		200 / 258		
			240 / 303		240 / 310		
62 13 ... Revmeter							
Display range		1 / min	0 ÷ 7.000				




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 - Instruments		Unit					
62 11 ... Instrument cluster							
Temperature gauge							
Display range	°C	+ 40 ... + 120					
Displayed value / comparative resistance	°C / O	40	/	287,4			-
	°C / O	62	/	125			-
	°C / O	96	/	43,1			-
	°C / O	116,5	/	24,8			-
	°C / O	120	/	22,5			-
Operating voltage	V	12 ± 3					
Testing voltage	V	13 ± 0,26					
Fuel gauge							
Display range	l	R					
		20					
		30					
		50					
		70					
- RHD	l						
Displayed value / comparative resistance	I / O	Res.	/	73,9			
	I / O	20	/	52,7			
	I / O	30	/	37,6			
	I / O	50	/	10			
	I / O	70	/	3,2			
- RHD	I / O						
	I / O						
	I / O						
	I / O						
Operating voltage	V	12 ± 3					
Testing voltage	V	13 ± 0,26					

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 (S)	635 CS i A
Technical Data - Instruments		Unit					
62 12 ... Speedometer (mechanical)							
Kilometer display	- display range	km/h	20 ... 240				-
	- Constant W	Wz	0,716				-
Mile Display	- display range	mph	10 ... 150				-
	- Constant W	Wz	1,152				-
Drive Shaft	- Length (length of cover)	mm	1690 ± 3				-
	- Color Code		grey - red				-
Drive Shaft RHD	- Length (length of cover)	mm	1910 ± 3				-
	- Color Code		gold - blue				-
62 12 ... Speedometer (electric)							
Display range		km/h	240				260
Constant K		Imp / km	4545				
Gauge value / frequency		km/h / Hz	40 /		51		
			80 /		101		
			120 /		152		
			160 /		202		
			200 /		253		
			240 /		303		
62 13 ... Revmeter							
Display range		1 / min	0 ÷ 7.000				

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	- Instruments	Unit							
62 11 ... Instrument cluster									
Temperature gauge									
Display range	°C	+ 40 ... + 120							
Displayed value / comparative resistance	°C / O	40 / 287,4		40 / 287,4					
	°C / O	62 / 125		61,5 / 127,2					
	°C / O	96 / 43,1		88,5 / 53,8					
	°C / O	116,5 / 24,8		103 / 35,5					
	°C / O	120 / 22,5		115 / 25,8					
Operating voltage	V	12 ± 3							
Testing voltage	V	13 ± 0,26							
Fuel gauge									
Display range	l	R							-
		20							-
		30							-
		50							-
		70							-
Displayed value / comparative resistance	I / O	Res. / 73,9							
	I / O	20 / 52,7							
	I / O	30 / 37,6							
	I / O	50 / 10							
	I / O	70 / 3,2							
Operating voltage	V	12 ± 3							
Testing voltage	V	13 ± 0,26							
62 12 ... Speedometer (mechanical)									
- display range	mph	10 ... 150							
- Constant W	Wz	1,152							
Drive Shaft									
- Length (length of cover)	mm	1520 ± 3		1690					
- Color Code		gold - blue		grey - red					

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 - Instruments		Unit							
62 12 ... Speedometer (electric)									
Display range	km/h	240			260		280		
Constant K	Imp / km	4545					4641		
Gauge value / frequency	km/h / Hz	40 / 51			80 / 101			40 / 52	
		80 / 101			120 / 152			80 / 103	
		120 / 152			160 / 202			120 / 155	
		160 / 202			200 / 253			160 / 207	
		200 / 253			240 / 303			200 / 258	
		240 / 303						240 / 310	
62 13 ... Revmeter									
Display range	1 / min	0 ÷ 7.000							

change to	 	ECE	Year	78 - 84	78 - 84	84 - 88	84 - 88	86 - 88
		ECE (A)	Version	Japanese Models				
		US Models	Model	633 CS i	633 CS i A	635 CS i	635 CS i A	M 6
Technical Data - Instruments		Unit						
62 11 ... Instrument cluster								
Temperature gauge								
Display range	°C	+ 40 ... + 120						
Displayed value / comparative resistance	°C / O	40	/	287,4				-
	°C / O	62	/	125				-
	°C / O	96	/	43,1				-
	°C / O	116,5	/	24,8				-
	°C / O	120	/	22,5				-
Operating voltage	V	12 ± 3						
Testing voltage	V	13 ± 0,26						
Fuel gauge								
Display range	l	R						-
		20						-
		30						-
		50						-
		70						-
Displayed value / comparative resistance	l / O	Res.	/	73,9				-
	l / O	20	/	52,7				-
	l / O	30	/	37,6				-
	l / O	50	/	10				-
	l / O	70	/	3,2				-
Operating voltage	V	12 ± 3						
Testing voltage	V	13 ± 0,26						
62 12 ... Speedometer (mechanical)								
- display range	km/h	20 ... 240						-
- Constant W	Wz	0,716						-
Drive Shaft								
- Length (length of cover)	mm	1520 ± 3		1690 ± 3				-
- Color Code		gold - blue		grey - red				-

change to	 ECE	Year	78 - 84	78 - 84	84 - 88	84 - 88	86 - 88	
	 ECE (A)	Version	Japanese Models					
	 US Models	Model	633 CS i	633 CS i A	635 CS i	635 CS i A	M 6	
Technical Data - Instruments		Unit						
62 12 ... Speedometer (electric)								
Display range	km/h	240	260	280				
Constant K	Imp / km	4545				4641		
Gauge value / frequency	km/h / Hz	40 / 51	80 / 101	120 / 152	160 / 202	200 / 253	240 / 303	
62 13 ... Revmeter								
Display range	1 / min	0 ÷ 7.000						



Service-Information BMW Automobile



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