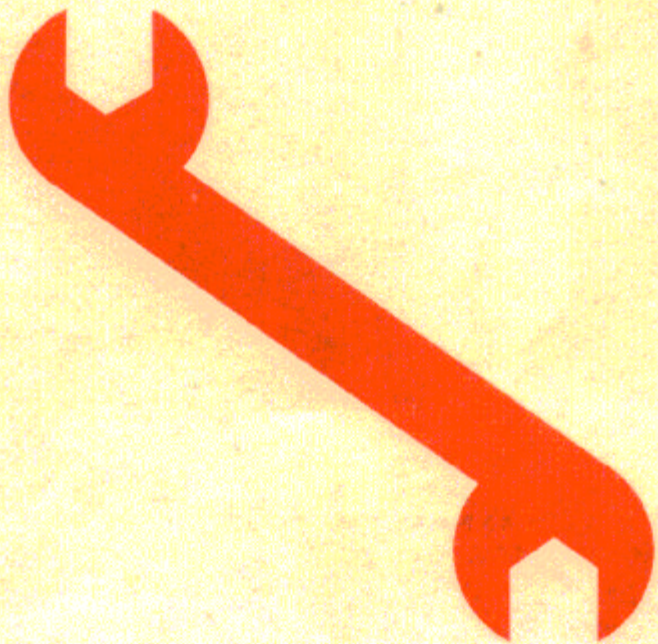


Technical Data - Electrical System		Year	88 - 91
		Model	Z 1
		Unit	
<b>12 11 ... High Voltage Distributor for DME</b>			
Coil resistance	kΩ		1,1 + 10%
Clearance between stator and rotor teeth			0,3 ... 0,7
<b>12 11 ... Resistors in Secondary Circuit</b>			
Shielded plug/ Angled plug	kΩ		1 ± 20%
Spark plug connector	kΩ		5 ± 20%
Distributor rotor	kΩ		1 + 30% - 10 %
<b>12 12 ... Spark Plugs</b>			
Bosch Type			W8 LCR
Electrode gap	mm		0,7 + 0,1
Resistance	kΩ		1 ... 2
Model			see Service-Information
Firing order			1,5,3,6,2,4
Transmitter for cylinder identification			
Coil resistance at 20° C			
	Pin 1 and 2 Ω		< 1
	Pin 2 and Pin 3 MΩ		> 10
<b>12 13 ...Ignition Coil</b>			
Primary coil resistance	Ω		0,82
Sekundary coil resistance	kΩ		8,25
Primary inductance	mH		5,6
Secondary inductance	H		31
<b>12 14 ... Control Unit for TCI - R</b>			
Code No.			DME see maingroup 13
<b>12 14 ... Pulse Transmitters (DME)</b>			
Resistance of coil at 20° C	Ω		540 ± 10 %
Distance: Inductive pulse transmitter/ gearwheel	mm		1,0 ± 0,3
<b>12 31 ... Alternator</b>			
Voltage	V		14
Max. Current/ Max. Power	A/ W		65/910
			80/1120
			90/1260
			105/1470
			115/1610
			140/1960
<b>12 31 ... Shielded Capacitor</b>			
Capacitance	μF		2,2 ± 20%
<b>12 32 ... Voltage Regulator</b>			

<b>Technical Data - Electrical System</b>		<b>Year</b>	<b>88 - 91</b>
		<b>Model</b>	<b>Z 1</b>
		<b>Unit</b>	
Regulating Voltage at 1500 rpm engine speed		V	13,5 ... 14,2 (at 30°C - 60°C at regulator)
<b>12 41 ... Starter</b>			
Nominal rating		kW	1,4
Armature axial play		mm	0,1 ... 0,2
Carbon brush length min.		mm	13
Testing voltage		V	12,5 ± 0,3
<b>12 41 ... Solenoid Switch</b>			
Power consumption on term. 50 (with rated voltage)			
At nominal rating 1,1 ... 1,7 KW			
Activating coil		A	40
Holding coil		A	7,5
At nominal rating 2,27 KW			
Activating coil		A	60
Holding coil		A	10
<b>12 61 ... Oil Pressure Switch</b>			
Switching-on pressure		bar	0,2 ... 0,5
<b>12 61 ... Dynamic Oil Level Switch</b>			
Resistance (measured on disconnected plug against ground)			
Static on conn. 1			
Level correct		kO	1 ± 1%
Level too low		O	0 ... 0,2
Dynamic on conn. 2			
Level correct		O	0 ... 0,2
Level too low		O	8

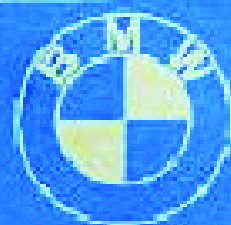




Service-Information BMW Automobile



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