

BMW K100, K75, K1, K1100 Instrument Cluster Wiring

Pin 1 - Top left (from behind)

K75/K100			K100RS4V, K1, 92-93 K1100			94+ K1100			Notes
Pin	Wire Color	Description	Pin	Wire Color	Description	Pin	Wire Color	Description	
1	RED/WHT	Clock 12V - unswitched Fuse 3	1	RED/WHT	Clock 12V - unswitched Fuse 3	1	RED/WHT	Clock 12V - unswitched Fuse 3	Unswitched 12V
2	YEL/WHT	Gear Position Indicator switch	2	YEL/WHT	Gear Position Indicator switch	2	YEL/WHT	Gear Position Switch	Ground from GPI
3	YEL/BLK	Gear Position Indicator switch	3	YEL/BLK	Gear Position Indicator switch	3	YEL/BLK	Gear Position Switch	Ground from GPI
4	YEL/BLU	Gear Position Indicator switch	4	YEL/BLU	Gear Position Indicator switch	4	YEL/BLU	Gear Position Switch	Ground from GPI
5	BLK/GRN	12V out to start switch when Gear=0	5	BLK/GRN	12V out to start switch when Gear=0	5	BLK/GRN	12V out to start switch when Gear=0	
6	GRN/BLK	Power in - switched 12V Fuse 1	6	GRN	Power in - switched 12V Fuse 1	6	GRN	Power in - switched 12V Fuse 1	
7	WHT	Low fuel lamp (from fuel level sender)	7	WHT	Low fuel lamp (from fuel level sender)	7	WHT	Low fuel lamp (from fuel level sender)	Ω to ground (3=F, 110=E)
8	GRN/YEL	ABS Warning Relay	8	GRN/YEL	ABS Warning Relay	8	GRN/YEL	ABS Warning Relay	12V to illuminate
9	BLU	Alternator	9	BLU	Alternator	9	BLU	Alternator	12V to turn off lamp
10	VIO/BLK	Temp warning lamp (from temp relay)	10	BRN/BLK	Temp warning light (from Motronic)	10	BRN/BLK	Temp warning light (from Motronic)	Ground to illuminate
11	BRN/GRN	Low oil warning lamp	11	BRN/GRN	Low oil warning lamp	11	BRN/GRN	Low oil warning lamp	Ground from oil switch
12	VIO/WHT	Choke lamp (ground from TB switch)	12			12	WHT/BLK	ABS lamp (ground from ABS control unit)	
13	BRN	Ground	13	BRN	Ground	13	BRN	Ground	
14	WHT/BLU	Bulb monitor & ABS relay	14	WHT/BLU	Bulb monitor & ABS relay	14	WHT/BLU	Bulb monitor	Ground from BMU
15	WHT	High beam (from left combo switch)	15	WHT	High beam (from left combo switch)	15	WHT	High beam (from left combo switch)	12V to illuminate
16	BLK/BLU	Tachometer RPM (from coil 1)	16	BLK/BLU	Tachometer RPM (from Motronic)	16	GRN	Tachometer RPM (from Motronic)	
17	BLU/BLK	Right turn indicator lamp	17	BLU/BLK	Right turn indicator lamp	17	BLU/BLK	Right turn indicator lamp	12V from flasher relay
18	BRN	Ground	18	BRN	Ground	18	BRN	Ground	
19	BLU/RED	Left turn inicator lamp	19	BLU/RED	Left turn inicator lamp	19	BLU/RED	Left turn inicator lamp	12V from flasher relay
20			20			20			
21	BLU/GRN	Flasher relay - turn signal cancel	21	BLU/GRN	Flasher relay - turn signal cancel	21	BLU/GRN	Flasher relay - turn signal cancel	Ground out to flasher relay
22	YEL	Speed sensor	22	YEL	Speed sensor	22	YEL	Speed sensor	
23	BRN	Speed sensor ground	23	BRN	Speed sensor ground	23	BRN	Speed sensor ground	
24	GRA/BLU	Backlight power	24	GRA/BLU	Backlight power	24	GRA/BLU	Backlight power	12V from left combo switch

1985 and earlier K100			Common/Unique		
7	BRN/WHT	4L fuel warning lamp (Grounds)	Speedo	Unique to 2V/4V bikes	
8	BRN/BLK	7L fuel warning lamp (Grounds)	Tach	Unique to 2V/4V bikes	
			Gear Indicator	Common	
			Odometer	Common	

12V(Clock)	RED/WHT	13	BRN	Ground
GPI	YEL/WHT	14	WHT/BLU	BMU & ABS
GPI	YEL/BLK	15	WHT	High Beam
GPI	YEL/BLU	16	BLK/BLU	Tach RPM
Neutral 12V	BLK/GRN	17	BLU/BLK	Right Turn
12V(Power)	GRN/BLK	18	BRN	Ground
Low Fuel	WHT	19	BLU/RED	Left Turn
ABS Lamp	GRN/YEL	20		
Charge Lamp	BLU	21	BLU/GRN	Turn Cancel
Temp Lamp	VIO/BLK	22	YEL	Speed +
Oil Lamp	BRN/GRN	23	BRN	Speed -
Choke or ABS	VIO/WHT	24	GRA/BLU	12V(Backlights)



87 and earlier - rectangular pins
88 and later - round pins