

BMW K100, K75, K1, K1100 Instrument Cluster Wiring

K75/K100 Instrument Cluster Pinout			K100RS4V, K1, 92-93 K1100 Instrument Cluster Pinout			94+ K1100 Instrument_Cluster_Pinout			Notes
Pin	Wire Color	Description	Pin	Wire Color	Description	Pin	Wire Color	Description	
1	Red/White	Clock Power - unswitched Fuse 3	1	Red/White	Clock Power - unswitched Fuse 3	1	Red/White	Clock Power - unswitched Fuse 3	Unswitched 12V
2	Yellow/White	Gear Position Indicator switch	2	Yellow/White	Gear Position Indicator switch	2	Yellow/White	Gear Position Switch	Ground from GPI
3	Yellow/Black	Gear Position Indicator switch	3	Yellow/Black	Gear Position Indicator switch	3	Yellow/Black	Gear Position Switch	Ground from GPI
4	Yellow/Blue	Gear Position Indicator switch	4	Yellow/Blue	Gear Position Indicator switch	4	Yellow/Blue	Gear Position Switch	Ground from GPI
5	Black/Green	12V to starter switch (Gear=0)	5	Black/Green	12V to starter switch (Gear=0)	5	Black/Green	12V to starter switch (Gear=0)	12V out when in gear 0
6	Green/Black	Power in - switched 12V	6	Green	Power in - switched 12V	6	Green	Power in - switched 12V	
7	White	Low fuel lamp (from fuel level sender)	7	White	Low fuel lamp (from fuel level sender)	7	White	Low fuel lamp (from fuel level sender)	Ground from FLS
8	Green/Yellow	ABS Warning Relay	8	Green/Yellow	ABS Warning Relay	8	Green/Yellow	ABS Warning Relay	12V to illuminate
9	Blue	Alternator	9	Blue	Alternator	9	Blue	Alternator	12V to turn off lamp
10	Violet/black	Temp warning lamp (from temp relay)	10	Brown/Black	Temp warning light (from Motronic)	10	Brown/Black	Temp warning light (from Motronic)	Ground to illuminate
11	Brown/Green	Low oil warning lamp	11	Brown/Green	Low oil warning lamp	11	Brown/Green	Low oil warning lamp	Ground from oil switch
12	Violet/White	Choke indicator	12			12	White/Black	ABS indicator lamp	Ground from TB switch
13	Brown	Ground	13	Brown	Ground	13	Brown	Ground	
14	White/Blue	Bulb monitor	14	White/Blue	Bulb monitor & ABS relay	14	White/Blue	Bulb monitor	Ground from BMU
15	White	High beam (from left combo switch)	15	White	High beam (from left combo switch)	15	White	High beam (from left combo switch)	12V to illuminate
16	Black/Blue	Tachometer RPM (from coil 1)	16	Black/Blue	Tachometer RPM (from Motronic)	16	Green	Tachometer RPM (from Motronic)	
17	Blue/Black	Right turn indicator lamp	17	Blue/Black	Right turn indicator lamp	17	Blue/Black	Right turn indicator lamp	12V from flasher relay
18	Brown	Ground	18	Brown	Ground	18	Brown	Ground	
19	Blue/Red	Left turn indicator lamp	19	Blue/Red	Left turn indicator lamp	19	Blue/Red	Left turn indicator lamp	12V from flasher relay
20			20			20			
21	Blue/Green	Flasher relay - turn signal cancel	21	Blue/Green	Flasher relay - turn signal cancel	21	Blue/Green	Flasher relay - turn signal cancel	Ground out to flasher relay
22	Yellow	Speed sensor	22	Yellow	Speed sensor	22	Yellow	Speed sensor	
23	Brown	Speed sensor ground	23	Brown	Speed sensor ground	23	Brown	Speed sensor ground	
24	Gray/Blue	Backlight power	24	Gray/Blue	Backlight power	24	Gray/Blue	Backlight power	12V from left combo switch

1985 and earlier K100s

7	Brown/White	4L fuel warning lamp (Ground)
8	Brown/Black	7L fuel warning lamp (Ground)

Speedo Unique to 2V/4V bikes
 Odometer Common
 Tach Unique to 2V/4V bikes
 Gear Indicator Common

Pin 1 - Top left (from behind)