

DirectWire

2003 BMW 5 Series (E60/E61) EU - International - Requested by ampire.de

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/green (50A)	+	Car Access System under driver dash, 41 pin plug, pin 21
Starter Kill	black	+	Car Access System under driver dash, 41 pin plug, pin 22
Starter	black	+	Car Access System under driver dash, 41 pin plug, pin 22
Ignition	green/gray	+	Car Access System under driver dash, 41 pin plug, pin 8
Ignition Sense	green/gray	+	Car Access System under driver dash, 41 pin plug, pin 8
Ignition Immobilization	green/white	+	Car Access System under driver dash, 41 pin plug, pin 7
CAN Bus High	black (K CAN)	data	Car Access System under driver dash, 41 pin plug, pin 35
CAN Bus Low	yellow (K CAN)	data	Car Access System under driver dash, 41 pin plug, pin 26
Power Lock	yellow/red (center dash switch)	-	Car Access System under driver dash, 41 pin plug, pin 29
Lock Motor	white/brown or black/yellow	5 wire	Driver Door Module, plug (X10667), pin 1 or 10
Driver Unlock Motor	blue/yellow	5 wire	Driver Door Module, plug (X10667), pin 12
Passenger Unlock Motor	blue/yellow	5 wire	Passenger Door Module, plug (X10668), pin 12
Factory Alarm Arm	blue/red (driver door key lock)	-	Driver Door Module, plug (X10667), pin 14

Item	Wire Color	Polarity	Wire Location
Factory Alarm Disarm	white/green (driver door key unlock)	double -	Driver Door Module, plug (X10667), pin 13
Parking Lights	gray/green (LF); gray/blue (RF)	+	Light Module above driver kick, 76 pin plug, pins 25, 40
Parking Lights 2	black/red (LR); black/brown or black/gray (RR)	+	Light Module above driver kick, 76 pin plug, pins 64, 10
Parking Lights -	black (interrupt to turn on parking lights)	-	Light Module above driver kick, 76 pin plug, pin 36
Hazards	brown/blue	-	Light Module above driver kick, 76 pin plug, pin 52
Turn Signal (Left)	blue/green (LF), blue/brown/yellow (LR)	+	Light Module above driver kick, 76 pin plug, pins 68, 4
Turn Signal (Right)	blue/brown (RF), blue/brown (RR)	+	Light Module above driver kick, 76 pin plug, pins 24, 61
Headlight	yellow/green (L), yellow/blue (R)	+	Light Module above driver kick, 76 pin plug, pins 53, 15
Reverse Light	white/yellow	+	Light Module above driver kick, 76 pin plug, pin 41
Left Front Door Trigger	yellow/blue	-	Driver Door Module, plug (X10667), pin 4
Right Front Door Trigger	yellow/blue	-	Passenger Door Module, plug (X10668), pin 4
Left Rear Door Trigger	yellow/black	-	Body Basic Module behind glove box, 54 pin plug, pin 12
Right Rear Door Trigger	yellow/brown	-	Body Basic Module behind glove box, 54 pin plug, pin 28
Dome Light	red/blue	+	Body Basic Module behind glove box, 54 pin plug, pin 52
Trunk/Hatch Pin	gray/brown	- N.C.	Body Basic Module behind glove box, 54 pin plug, pin 16
Rear Glass Pin	white/red (wagon)	- N.C.	Body Basic Module behind glove box, 54 pin plug, pin 4

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Hood Pin	violet/green	-	Car Access System under driver dash, 41 pin plug, pin 38
Trunk/Hatch Release	gray/brown	-	Car Access System under driver dash, 41 pin plug, pin 39
Trunk-Hatch Release2	brown/blue (glass, wagon)	-	Body Basic Module behind glove box, 54 pin plug, pin 8
Trunk Release Motor	black/yellow or yellow	5 wire	Body Basic Module behind glove box, 13 pin plug, pin 3
Trunk Release Motor 2	brown/red (glass, wagon)	5 wire	Body Basic Module behind glove box, 54 pin plug, pin 24
Tachometer	black	ac	data link connector, 16 pin plug, pin 9
Clutch Pedal	blue/brown	cut	clutch switch, 4 pin plug, pin 2
Clutch Pedal 2	violet/yellow	+	clutch switch, 4 pin plug, pin 3
Clutch Pedal 3	blue/black	-	clutch switch, 4 pin plug, pin 4
Fuel Pump	white/blue	+	fuel pump relay behind glove box
Rear Defroster	gray/black	+ latched	Heating/Air Conditioning System in center dash, 26 pin plug, pin 19 or 18 pin plug, pin 14
Speed Sense	brown/red	ac	Car Access System under driver dash, 41 pin plug, pin 31; radio, 12 pin plug, pin 12
Brake Wire	brown/gray	cut	brake switch, 4 pin plug, pin 3
Brake Wire 2	blue/red	cut	brake switch, 4 pin plug, pin 4
Parking Brake	blue/brown/yellow	-	parking brake switch, 1 pin plug, pin 1
Horn Trigger	violet/blue (L), violet/gray (H)	+	steering column switch cluster, plug (X1880), pin 4, 3
Wipers	brown/blue	-	Body Basic Module behind glove box, 54 pin plug, pin 18
Radio 12V	red/brown	+	radio, 16 pin plug, pin 15

Item	Wire Color	Polarity	Wire Location
Radio Ground	brown	-	radio, 16 pin plug, pin 12
Radio Illumination	gray/red (dimmer)	+	radio, 16 pin plug, pin 14
Power Antenna	white/violet	+	radio, 16 pin plug, pin 13
Left Front Speaker (+/-)	red/white - brown/yellow or yellow/green - yel/brn	+,-	radio, 16 pin plug, pins 3 - 7
Right Front Speaker (+/-)	red/blue - brown/white or blue/red - blue/brown	+,-	radio, 16 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	black/red - black/violet	+,-	radio, 16 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	yellow/black - yellow/brown	+,-	radio, 16 pin plug, pins 1 - 5
Center Channel (+/-)	black/white - black/brown	+,-	amplifier in left side of trunk, 20 pin plug, pins 5 - 15
Aux. Audio Input Left (+/-)	black - (shield)	+,-	radio, 12 pin plug, pins 2 - 8
Aux. Audio Input Right (+/-)	yellow - (shield)	+,-	radio, 12 pin plug, pins 7 - 8
RSE Video (+/-)	black - (shield)	+,-	radio, 12 pin plug, pins 4 - 2
Satellite Radio 12 Volts	red/blue	+	Sat Radio in left side of trunk, 5 pin plug, pin 1
Satellite Radio Ground	brown	-	Sat Radio in left side of trunk, 5 pin plug, pin 5

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Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are yellow/green - yellow/brown at the amplifier in left side of trunk, 20 pin plug, pins 19 - 9 (Top HIFI).
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are blue/red - blue/brown at the amplifier in left side of trunk, 20 pin plug, pins 17 - 7 (Top HIFI).
Left Rear Speaker (+/-)	On models with amplifier, the door midrange wires are yellow/black - yellow/brown at the amplifier in left side of trunk, 20 pin plug, pins 1 - 11. The deck speaker wires are black/red - black/purple at the amplifier, 20 pin plug, pins 14 - 4 (Top HIFI).
Right Rear Speaker (+/-)	On models with amplifier, the door midrange wires are blue/green - blue/brown at the amplifier in left side of trunk, 20 pin plug, pins 12 - 2. The deck speaker wires are black/white - black/brown at the amplifier, 20 pin plug, pins 13 - 3 (Top HIFI).