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### Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/blue	+	ignition harness
Second 12 Volts	red/green	+	ignition harness
Ground	(chassis ground)		
Starter	black/blue	+	ignition harness
Ignition	green	+	ignition harness
Second Ignition	violet	+	ignition harness
Power Lock	blue/red	-	General Module behind glove box, middle 54 pin plug, pin 22
Power Unlock	white/black	double -	General Module behind glove box, middle 54 pin plug, pin 20
Lock Motor	white (any one of 5)	5 wire	General Module behind glove box, middle 54 pin plug
Driver Unlock Motor	blue	5 wire	General Module behind glove box, middle 54 pin plug, pin 35
Passenger Unlock Motor	(chassis ground)		
Factory Alarm Arm	arms with lock		
Factory Alarm Disarm	disarms with unlock		
Parking Lights -	see Tech Doc 1055		
Hazards	brown/blue	-	hazard switch or Light Switch Module, 54 pin plug, pin 24
Left Front Door Trigger	red/blue	+	General Module behind glove box, middle 54 pin plug, pin 18
Dome Light	comes on with unlock		
Trunk/Hatch Pin	white/brown	-	driver kick panel
Hood Pin	violet/green	-	General Module behind glove box, left 26 pin plug, pin 7
Trunk/Hatch Release	gray/green	+	General Module behind glove box, middle 54 pin plug, pin 17
Tachometer	black	ac	diagnostic plug in passenger rear of engine compartment or data link connector under driver dash
Speed Sense	yellow/green	ac	instrument cluster, black plug

## 2001 BMW 3Series(E46) - Requested by: ampire.de



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Item	Wire Color	Polarity	Wire Location
Brake Wire	brown/gray or brown/white (functions with ignition on only)	+	brake pedal switch
Horn Trigger	violet/blue	+	horn relay above General Module, green relay to right of orange relay
Left Front Window (Up/Down)	use power lock/unlock		
Sun Roof (Open/Close)	use power lock/unlock		
Radio 12V	red/green	+	radio
Radio Ground	brown	-	radio
Radio Ignition	violet/white	+	radio
Radio Illumination	gray/red (dimmer)	+	radio
Factory Amp Turn-on	same as power antenna		
Power Antenna	white	+	radio
Left Front Speaker (+/-)	blue/white - blue/brown	+,-	radio or amplifier in passenger side of trunk
Right Front Speaker (+/-)	blue/red - blue/brown	+,-	radio or amplifier in passenger side of trunk
Left Rear Speaker (+/-)	yellow - brown	+,-	radio or amplifier in passenger side of trunk
Right Rear Speaker (+/-)	blue - brown	+,-	radio or amplifier in passenger side of trunk

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***What Fits***

Item	Size	Depth	Location
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### ***Additional Wiring Notes***

Item	Note
Left Front Speaker (+/-)	On models with amplifier, the tweeter wires are yellow/red - yellow/brown and the mid-range wires are white - blue/white.
Left Rear Speaker (+/-)	On models with amplifier, the tweeter wires are yellow/black - yellow/brown.
Parking Lights -	Need to remove the light switch module from the dash and pop off the front cover. A ribbon cable which connects the switch to the module will be exposed. With the switch facing towards you, you need to interrupt the fourth wire from the left with a relay. When interrupted the parking lights will come on.
Right Front Speaker (+/-)	On models with amplifier, the tweeter wires are blue/black - blue/brown and the mid-range wires are green - blue/green.
Right Rear Speaker (+/-)	On models with amplifier, the tweeter wires are yellow - blue/yellow.