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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
Reverse Light	lt. blue/yellow	+	driver kick, harness to rear
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

2004 BMW 3Series(E46) - Requested by: ampire.de


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Item	Wire Color	Polarity	Wire Location
Speed Sense	yellow/green	ac	instrument cluster, 26 pin plug, pin 19
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		

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***What Fits***

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

Item	Note
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.
Speed Sense	It has to be a single wire. If twisted pair, do not use, it is a CAN wire.