

1999 BMW 3 Series



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/green and red/blue	+	ignition harness
Second 12 Volts			
Starter	black/blue	+	ignition harness
Second Starter			
Ignition	green	+	ignition harness
Second Ignition	purple	+	ignition harness
Third Ignition			
Accessory			
Second Accessory			
Third Accessory			
Key Sense			
Data Bus			
Can Bus High			
Can Bus Low			
Can Bus Sw			
Power Lock	blue/red	-	54 pin plug, pin 22 at general mod
Power Unlock	white/black	-	54 pin plug, pin 20 at general mod
Lock Motor	white (any one of 5)	5wi	54 pin plug at general module
Unlock Motor	blue	5wi	54 pin plug, pin 35 at general mod
Disarm Defeat	(chassis ground)		
Parking Lights (+)			
Parking Lights (-)	see Tech Doc 1055		
Hazards			
Turn Signal (Left)			
Turn Signal (Right)			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight			
AutoLights			
Reverse Light			
Left Front Door Trigger	red/blue	+	54 pin plug, pin 18 at general mod
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	comes on with unlock		
Trunk/Hatch Pin	white/brown	-	driver kick panel
Rear Glass Pin			
Hood Pin	purple/green	-	26 pin plug, pin 7 at general mod
Trunk Hatch/Release	gray/green	+	54 pin plug, pin 17 at general mod
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)			
Power Sliding Door (Right)			
Factory Alarm Arm	arms with lock		
Factory Alarm Disarm	disarms with unlock		
Disarm No Unlock			
Trunk Alarm Shunt			
Tachometer	black	ac	diagnostic plug
Wait to Start			
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	black/white		radio harness, pin 10
Brake Wire	brown/white	+	brake pedal switch
Parking Brake			
Horn Trigger	purple/blue	+	horn relay
Wipers			
Left Front Window (Up/Down)	see notes		
Right Front Window (Up/Down)			
Left Rear Window (Up/Down)			
Right Rear Window (Up/Down)			
Sun Roof (Open/Close)	see notes		
Sun Roof (Limit/Close)			
Memory Seat 1			
Memory Seat 2			
Memory Seat 3			
Radio 12V			
Radio Ground			
Radio Ignition			
Radio Illumination			
Factory Amp Turn-on			
Power Antenna			
Left Front Speaker (+/-)			
Right Front Speaker (+/-)			
Left Rear Speaker (+/-)			
Right Rear Speaker (+/-)			
Center Channel (+/-)			
Subwoofer (+/-)			
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts			
Satellite Radio Ground			
Satellite Radio Ignition			
Satellite Radio Antenna			
Satellite Audio Left (+/-)			
Satellite Audio Right (+/-)			

What Fits

Item	Size	Depth	Location
Headunit			
Left Front Speaker			
Left Front Tweeter			
Right Front Speaker			
Right Front Tweeter			
Left Rear Speaker			
Left Rear Tweeter			
Right Rear Speaker			
Right Rear Tweeter			
Center Channel			
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

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.
Left Front Window (Up/Down)	Extended triggers on the door lock wires will roll the windows up/down and open/close the sunroof. Use validity channels to control.
12 Volts	For the 1999 3 Series 2 door models, refer to the 1998 3 Series wiring information.
Left Front Door Trigger	The general module is a white box located behind the glove box. The 54 pin plug is the center plug, and the 26 pin plug is the one on the left.
Driver Unlock Motor	The general module is a white box located behind the glove box. The 54 pin plug is the center plug, and the 26 pin plug is the one on the left.
Hood Pin	The general module is a white box located behind the glove box. The 54 pin plug is the center plug, and the 26 pin plug is the one on the left.
Horn Trigger	The horn relay is above the general module. It is the green relay to the right of an orange relay.
Left Front Window (Up/Down)	Extended triggers on the door lock wires will roll the windows up/down and open/close the sunroof. Use validity channels to control.
Lock Motor	The general module is a white box located behind the glove box. The 54 pin plug is the center plug, and the 26 pin plug is the one on the left.
Power Lock	The general module is a white box located behind the glove box. The 54 pin plug is the center plug, and the 26 pin plug is the one on the left.
Power Unlock	On some models, unlock may require a double pulse. The general module is a white box located behind the glove box. The 54 pin plug is the center plug, and the 26 pin plug is the one on the left.
Sun Roof (Open/Close)	Extended triggers on the door lock wires will roll the windows up/down and open/close the sunroof. Use validity channels to control.
Tachometer	The diagnostic plug is on the passengers side of the engine compartment.
Trunk Hatch/Release	The general module is a white box located behind the glove box. The 54 pin plug is the center plug, and the 26 pin plug is the one on the left.