

## 2005 Porsche 911 Carrera 997



## Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red/blue (80A)	+	ignition relay above driver kick
<b>Second 12 Volts</b>	red/gray (150A)	+	driver dash fuse holder A
<b>Starter</b>	red/gray (for starter kill only)	+	starter relay above driver kick
<b>Second Starter</b>	N/A		
<b>Ignition</b>	black (for ignition sense only)	+	ignition relay above driver kick
<b>Second Ignition</b>			
<b>Third Ignition</b>			
<b>Accessory</b>	black/gray (for accessory sense only)	+	heater relay above driver kick
<b>Second Accessory</b>			
<b>Third Accessory</b>			
<b>Key Sense</b>	N/A		
<b>Data Bus</b>			
<b>Can Bus High</b>	yellow	data	VEBCM, 42 pin plug (A), pin 37
<b>Can Bus Low</b>	black	data	VEBCM, 42 pin plug (A), pin 38
<b>Can Bus Sw</b>	N/A		
<b>Power Lock</b>	black/white	-	central lock switch or Rear Control Unit, 23 pin plug (A), 12
<b>Power Unlock</b>	same as power lock	-	
<b>Lock Motor</b>	brown/red	5 wire	Driver Door Control Unit, 20 pin plug, pin 2
<b>Unlock Motor</b>	black/red	5 wire	Driver Door Control Unit, 20 pin plug, pin 1
<b>Disarm Defeat</b>	black/red	5 wire	Passenger Door Control Unit, 20 pin plug, pin 1
<b>Parking Lights (+)</b>	gray	+	headlight sw or Front End Control Unit, 42 pin plug (A), pin 29
<b>Parking Lights (-)</b>	N/A		
<b>Hazards</b>	black/orange	-	hazard switch or Front End Control Unit, 42 pin plug (A), pin 28
<b>Turn Signal (Left)</b>	black/white (F); black/white (R)	+	Front End Control Unit, 42 pin plg (B), pin 34; 42 pin plg (A), pin 11
<b>Turn Signal (Right)</b>	black/green (F); black/green (R)	+	Front End Control Unit, 42 pin plg (B), pin 21; 42 pin plg (A), pin 42

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	red	+	headlight sw or Front End Control Unit, 42 pin plug (A), pin 38
<b>AutoLights</b>	yellow/red (interrupt to turn off autolights)	+	headlight switch or VESCM, 42 pin plug (A), pin 33
<b>Reverse Light</b>	black/blue	+	Rear Control Unit, 23 pin plug (A), pin 22
<b>Left Front Door Trigger</b>	green/black	-	Driver Door Control Unit, 20 pin plug, pin 13
<b>Right Front Door Trigger</b>	green/black	-	Passenger Door Control Unit, 20 pin plug, pin 13
<b>Left Rear Door Trigger</b>	N/A		
<b>Right Rear Door Trigger</b>	N/A		
<b>Dome Supervision</b>	brown/purple	-	VESCM, 42 pin plug (A), pin 35
<b>Trunk/Hatch Pin</b>	brown/white	-	Rear Control Unit, 23 pin plug (A), pin 5
<b>Rear Glass Pin</b>	N/A		
<b>Hood Pin</b>	yellow/white	-	Front End Control Unit, 42 pin plug (B), pin 19
<b>Trunk Hatch/Release</b>	white/red (front), red/black (rear)	-	release switch or VESCM, 42 pin plug (A), pins 12 and 13
<b>Trunk Release Motor</b>	blue (rear)	5 wire	Rear Control Unit, 23 pin plug (A), pin 19
<b>Fuel Door Release</b>	blue	5 wire	VESCM, 42 pin plug (A), pin 25
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>	N/A		
<b>Factory Alarm Arm</b>	brown/black	-	Driver Door Control Unit, 20 pin plug, pin 15
<b>Factory Alarm Disarm</b>	same as factory alarm arm	- 250 ohms	
<b>Disarm No Unlock</b>	Transponder and ignition		
<b>Trunk Alarm Shunt</b>	N/A		
<b>Tachometer</b>	brown/striped	ac	any fuel injector or ECM, 52 pin plug (C), pins 2, 15, 27, 28, 40, 41
<b>Wait to Start</b>	N/A		
<b>Neutral Safety</b>	N/A		
<b>Clutch Pedal</b>	brown (in), yellow/purple (out)	- N.O.	clutch switch, 2 pin plug, pins B and A
<b>Fuel Pump</b>	green/black	+	fuel pump relay above driver kick
<b>Rear Defroster</b>	brown/red	+ latched	VESCM, 42 pin plug (B), pin 10
<b>Mirror Defroster</b>	white/green	5 wire	Driver and Passenger Door Control Unit, 12 pin plug, pin 7
<b>Left Front Heated Seat</b>	red/brown	5 wire	VESCM, 42 pin plug (B), pin 25
<b>Right Front Heated Seat</b>	red/brown	5 wire	VESCM, 42 pin plug (A), pin 1

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
<b>Speed Sense</b>	white/brown	ac	Front End Control Unit, 42 pin plug (A), pin 37
<b>Brake Wire</b>	black/yellow (functions with ignition on only)	+	brake switch or Rear Control Unit, 23 pin plug (A), pin 6
<b>Parking Brake</b>	yellow	-	parking brake switch, 2 pin plug, pin 1
<b>Horn Trigger</b>	black/yellow (L), black/orange (H)	+	Front End Control Unit, 42 pin plug (B), pins 22 and 1
<b>Wipers</b>	black/orange (L), black (H)	+	VEBCM, 42 pin plug (B), pins 1 and 4
<b>Left Front Window (Up/Down)</b>	use factory alarm arm/disarm		
<b>Right Front Window (Up/Down)</b>	see left front window		
<b>Left Rear Window (Up/Down)</b>	N/A		
<b>Right Rear Window (Up/Down)</b>	N/A		
<b>Sun Roof (Open/Close)</b>	gray/brown (functions with ignition on only)	- resistor	convertible top/glass roof switch
<b>Sun Roof (Limit/Close)</b>	N/A		
<b>Memory Seat 1</b>	blue/black	- resistor	Driver Door Control Unit, 28 pin plug, pin 27
<b>Memory Seat 2</b>	same as memory seat 1	- resistor	
<b>Memory Seat 3</b>	N/A		
<b>Radio 12V</b>	red/green	+	radio, 8 pin plug (A), pin 4
<b>Radio Ground</b>	brown	-	radio, 8 pin plug (A), pin 8
<b>Radio Ignition</b>	(CAN bus)		
<b>Radio Illumination</b>	(CAN bus)		
<b>Factory Amp Turn-on</b>	black/red (base amp), MOST bus (BOSE amp)	+	radio, 8 pin plug (A), pin 2
<b>Power Antenna</b>	white	+	radio, 8 pin plug (A), pin 5
<b>Left Front Speaker (+/-)</b>	gray - gray/brown	+,-	radio, 8 pin plug (B), pins 5 and 6
<b>Right Front Speaker (+/-)</b>	red - red/brown	+,-	radio, 8 pin plug (B), pins 3 and 4
<b>Left Rear Speaker (+/-)</b>	white - white/brown	+,-	radio, 8 pin plug (B), pins 7 and 8
<b>Right Rear Speaker (+/-)</b>	blue - blue/brown	+,-	radio, 8 pin plug (B), pins 1 and 2
<b>Center Channel (+/-)</b>	yellow - yellow/brown	+,-	amp, 20 pin plg, pins 13, 3 (base), 32 pin plg, pins 23, 28 (BOSE)
<b>Subwoofer (+/-)</b>	orange - orange/brown (BOSE amp)	+,-	amplifier, 32 pin plug, pins 10 and 22
<b>Aux. Audio Input Left (+/-)</b>	N/A		
<b>Aux. Audio Input Right (+/-)</b>	N/A		
<b>RSE Video (+/-)</b>	N/A		
<b>RSE Audio Left (+/-)</b>	N/A		
<b>RSE Audio Right (+/-)</b>	N/A		
<b>Satellite Radio 12 Volts</b>	N/A		
<b>Satellite Radio Ground</b>	N/A		
<b>Satellite Radio Ignition</b>	N/A		
<b>Satellite Radio Antenna</b>	N/A		

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DirectWire Vehicle Information - 9/19/2012 5:29:06 AM			
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

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*What Fits*

Item	Size	Depth	Location
<b>Headunit</b>	irregular		center of dash
<b>Left Front Speaker</b>	8.0		left front door
<b>Left Front Tweeter</b>	1.0 (tweeter), 3.0 (midrange)		left front dash (tweeter), door (midrange)
<b>Right Front Speaker</b>	8.0		right front door
<b>Right Front Tweeter</b>	1.0 (tweeter), 3.0 (midrange)		right front dash (tweeter), door (midrange)
<b>Left Rear Speaker</b>	3.0		left rear side panel
<b>Left Rear Tweeter</b>	1.0		left rear side panel
<b>Right Rear Speaker</b>	3.0		right rear side panel
<b>Right Rear Tweeter</b>	1.0		right rear side panel
<b>Center Channel</b>	2.5		top center of dash
<b>Subwoofer</b>	5.25 (x2 in coupe, x1 in cabriolet and targa)		behind rear seats in enclosure
<b>Left Front Headrest</b>			
<b>Right Front Headrest</b>			
<b>Left Right Headrest</b>			
<b>Right Rear Headrest</b>			
<b>Satellite Radio Tuner</b>	N/A		

*Additional Wiring Notes*

Item	Note
<b>Left Front Heated Seat</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
<b>Right Front Heated Seat</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
<b>Speed Sense</b>	The Front End Control Unit is in the right side of the front luggage compartment.
<b>Horn Trigger</b>	The Front End Control Unit is in the right side of the front luggage compartment.
<b>Wipers</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
<b>Trunk Hatch/Release</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
<b>Power Lock</b>	The Rear Control Unit is under the driver seat.
<b>Trunk Release Motor</b>	The Rear Control Unit is under the driver seat. The front trunk release motor wire is brown/black (5 wire) at the Front End Control Unit, 42 pin plug (B), pin 36. The Front End Control Unit is in the right side of the front luggage compartment.
<b>Hood Pin</b>	The Front End Control Unit is in the right side of the front luggage compartment.
<b>Trunk/Hatch Pin</b>	The Rear Control Unit is under the driver seat.
<b>Reverse Light</b>	The Rear Control Unit is under the driver seat.
<b>Brake Wire</b>	The Rear Control Unit is under the driver seat.
<b>Hazards</b>	The Front End Control Unit is in the right side of the front luggage compartment.
<b>Turn Signal (Left)</b>	The Front End Control Unit is in the right side of the front luggage compartment.
<b>Turn Signal (Right)</b>	The Front End Control Unit is in the right side of the front luggage compartment.
<b>AutoLights</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
<b>Parking Lights (+)</b>	The Front End Control Unit is in the right side of the front luggage compartment.
<b>Headlight</b>	The Front End Control Unit is in the right side of the front luggage compartment.
<b>Dome Supervision</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
<b>Fuel Door Release</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
<b>Factory Alarm Arm</b>	Meter this wire while turning the key in the driver door key cylinder.
<b>Can Bus High</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
<b>Can Bus Low</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
<b>Tachometer</b>	The ECM (Engine Control Module) is in the left front corner of the engine compartment.
<b>Rear Defroster</b>	The VESCM (Vehicle Electrical System Control Module) is under the driver dash.
<b>Left Front Speaker (+/-)</b>	If equipped, the amplifier is in the front luggage compartment. On vehicles with amplifier, the low range wires are gray - gray/brown at the amplifier, 20 pin plug, pins 9 and 19 (base amp), or green - green/brown, 32 pin plug, pins 5 and 17 (BOSE amp). The high range wires are gray - gray/brown at the amplifier, 32 pin plug, pins 27 and 32 (BOSE amp).
<b>Right Front Speaker (+/-)</b>	If equipped, the amplifier is in the front luggage compartment. On vehicles with amplifier, the low range wires are red - red/brown at the amplifier, 20 pin plug, pins 10 and 20 (base amp), or purple - purple/brown, 32 pin plug, pins 4 and 16 (BOSE amp). The high range wires are red - red/brown at the amplifier, 32 pin plug, pins 24 and 29 (BOSE amp).
<b>Subwoofer (+/-)</b>	If equipped, the amplifier is in the front luggage compartment. The subwoofer amp turn on wire is white/yellow at the amplifier, 32 pin plug, pin 8.
<b>Center Channel (+/-)</b>	If equipped, the amplifier is in the front luggage compartment.
<b>Left Rear Speaker (+/-)</b>	If equipped, the amplifier is in the front luggage compartment. On vehicles with amplifier, the speaker wires are white - white/brown at the amplifier, 32 pin plug, pins 25 and 30 (BOSE amp).
<b>Right Rear Speaker (+/-)</b>	If equipped, the amplifier is in the front luggage compartment. On vehicles with amplifier, the speaker wires are blue - blue/brown at the amplifier, 32 pin plug, pins 26 and 31 (BOSE amp).