

2012 Porsche 911 (991 Series)



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/yellow (40A)	+	Front BCM, 4 pin plug (A), pin 1
Second 12 Volts	red/white (40A)	+	Front BCM, 4 pin plug (A), pin 2
Starter	black (for starter kill only)		Front BCM, 42 pin plug (C), pin 38
Second Starter	(electronic ign sw interface needed for rem start)		
Ignition	black/white (for ignition sense only)	+	Front BCM, 42 pin plug (D), pin 14
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	N/A		
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	N/A		
Data Bus	green/black (electronic ignition LIN)	data	Front BCM, 42 pin plug (C), pin 31
Can Bus High	orange/green (comfort CAN)	data	Front BCM, 42 pin plug (C), pin 42
Can Bus Low	orange/brown (comfort CAN)	data	Front BCM, 42 pin plug (C), pin 34
Can Bus Sw	N/A		
Power Lock	purple/yellow	-	central lock switch, 6 pin plug, pin 3
Power Unlock	(same as power lock)	-	
Lock Motor	purple/green	5 wire	Driver Door Control Unit, 20 pin plug, pin 13
Unlock Motor	green/yellow	5 wire	Driver Door Control Unit, 20 pin plug, pin 11
Disarm Defeat	green/yellow	5 wire	Passenger Door Control Unit, 20 pin plug, pin 11
Parking Lights (+)	gry/grn (LF), gry/red (RF); gry/blk (LR), gry (RR)	+	Frnt BCM, 42P plg (D), pins 26, 4; Rear BCM, 42P plg (B), pins 4, 26
Parking Lights (-)	(LIN bus)		
Hazards	purple	-	hazard switch or Front BCM, 42 pin plug (C), pin 16
Turn Signal (Left)	black/white (F); black/white (R)	+	Front BCM, 42 pin plug (C), pin 24; 42 pin plug (D), pin 5
Turn Signal (Right)	black/green (F); black/green (R)	+	Front BCM, 42 pin plug (C), pin 25; 42 pin plug (D), pin 25

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow/red		headlight switch or Front BCM, 42 pin plug (D), pin 18
AutoLights	(LIN bus)		
Reverse Light	blue/black	+	Rear BCM, 42 pin plug (B), pin 2
Left Front Door Trigger	red/blue	-	Driver Door Control Unit, 20 pin plug, pin 5
Right Front Door Trigger	red/blue	-	Passenger Door Control Unit, 20 pin plug, pin 5
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	N/A		
Dome Supervision	yellow/gray	+	Rear BCM, 42 pin plug (B), pin 8
Trunk/Hatch Pin	(see hood pin)		
Rear Glass Pin	N/A		
Hood Pin	black/yellow (front)	-	Front BCM, 42 pin plug (D), pin 38
Trunk Hatch/Release	yellow/purple (front); yellow/blue (rear)	-	Rear BCM, 42 pin plug (B), pin 15; 42 pin plug (A), pin 17
Trunk Release Motor	black/yellow (front)	5 wire	Front BCM, 42 pin plug (C), pin 5
Fuel Door Release	red/blue (unlock)	5 wire	Front BCM, 12 pin plug (B), pin 3
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	blue/yellow (driver door key lock)	-	Driver Door Control Unit, 20 pin plug, pin 1
Factory Alarm Disarm	(same as factory alarm arm)	- 250 ohms	
Disarm No Unlock	(see factory alarm disarm)		
Trunk Alarm Shunt	N/A		
Tachometer	brn/blu, brn/red, gry/brn, brn/yel, gn/ye or bu/bn	ac	ECM in LF of engine room, 96 pin plug (B), pin 49, 73, 51, 50, 74, 52
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	yellow/purple		clutch switch, 6 pin plug, pin 3
Fuel Pump	green/black	+	fuel pump relay
Rear Defroster	black/blue	+ latched	Rear BCM, 42 pin plug (A), pin 36
Mirror Defroster	(comfort CAN)		
Left Front Heated Seat	red/purple	5 wire	A/C Control Unit, 3 pin plug, pin 1
Right Front Heated Seat	red/yellow	5 wire	A/C Control Unit, 3 pin plug, pin 3

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	(wheel speed sensor)		
Brake Wire	green/red	+	brake switch or Rear BCM, 42 pin plug (B), pin 27
Parking Brake	(electric parking brake)		
Horn Trigger	yellow/green	+	Front BCM, 42 pin plug (C), pin 36
Wipers	(LIN bus)		
Left Front Window (Up/Down)	(use factory alarm arm/disarm)		
Right Front Window (Up/Down)	(see left front window)		
Left Rear Window (Up/Down)	N/A		
Right Rear Window (Up/Down)	N/A		
Sun Roof (Open/Close)			
Sun Roof (Limit/Close)			
Memory Seat 1	blue/green	- resistor	Driver Door Control Unit, 32 pin plug, pin 19
Memory Seat 2	(same as memory seat 1)	- resistor	
Memory Seat 3	(same as memory seat 1)	- resistor	
Radio 12V	red/yellow	+	radio, 16 pin plug, pin 15
Radio Ground	brown	-	radio, 16 pin plug, pin 12
Radio Ignition	(MMI CAN)		
Radio Illumination	N/A		
Factory Amp Turn-on	black/green (without Bose); (MOST bus, with Bose)	+	radio, 12 pin plug (C), pin 4
Power Antenna	white	+	radio, 16 pin plug, pin 14
Left Front Speaker (+/-)	red/yellow - brown/yellow (preamp)	+,-	radio, 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	blue/white - brown/white (preamp)	+,-	radio, 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	gray - brown/gray (preamp)	+,-	radio, 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	brown/purple - yellow (preamp)	+,-	radio, 8 pin plug, pins 1 - 5
Center Channel (+/-)	blue - blue/black	+,-	amp under pass seat, 20 pin plug, pins 4-14, or 32 pin plg, pins 8-20
Subwoofer (+/-)	yellow/red - yellow/brn (preamp); red/wht(turn-on)	+,-; +	amplifier under passenger seat, 32 pin plug, pins 10 - 22; pin 23
Aux. Audio Input Left (+/-)	pink - orange	+,-	radio, 12 pin plug (D), pins 2 - 8
Aux. Audio Input Right (+/-)	green - orange	+,-	radio, 12 pin plug (D), pins 7 - 8
RSE Video (+/-)	black - brown (television tuner)	+,-	radio, 12 pin plug (C), pins 10 - 11
RSE Audio Left (+/-)	(MOST bus) (television tuner)		
RSE Audio Right (+/-)	(MOST bus) (television tuner)		

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DirectWire Vehicle Information (10/23/2013 4:29:27 AM)			
Satellite Radio 12 Volts	(built into radio)		
Satellite Radio Ground	N/A		
Satellite Radio Ignition	N/A		
Satellite Radio Antenna	N/A		
Satellite Audio Left (+/-)	N/A		
Satellite Audio Right (+/-)	N/A		

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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	8.0		left front door
Left Front Tweeter	1.0 (tweeter); 3.0 (midrange)		left front dash; left front door
Right Front Speaker	8.0		right front door
Right Front Tweeter	1.0 (tweeter); 3.0 (midrange)		right front dash; right front door
Left Rear Speaker	3.0		left rear side panel
Left Rear Tweeter	1.0		left rear side panel
Right Rear Speaker	3.0		right rear side panel
Right Rear Tweeter	1.0		right rear side panel
Center Channel	2.75		top center of dash
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	The woofer wires are white/red - white/brown at the amplifier under passenger seat, 20 pin plug, pins 5 - 15 (without Bose), or 32 pin plug, pins 3 - 15 (with Bose). The midrange/tweeter wires are white - white/black at the amplifier, 20 pin plug, pins 12 - 2 (without Bose), or 32 pin plug, pins 7 - 19 (with Bose).
Right Front Speaker (+/-)	The woofer wires are gray/red - gray/brown at the amplifier under passenger seat, 20 pin plug, pins 10 - 20 (without Bose), or 32 pin plug, pins 5 - 17 (with Bose). The midrange/tweeter wires are gray - gray/black at the amplifier, 20 pin plug, pins 13 - 3 (without Bose), or 32 pin plug, pins 18 - 6 (with Bose).
Left Rear Speaker (+/-)	The midrange/tweeter wires are green - green/black at the amplifier under passenger seat, 20 pin plug, pins 6 - 16 (without Bose), or 32 pin plug, pins 12 - 11 (with Bose).
Right Rear Speaker (+/-)	The midrange/tweeter wires are purple - purple/black at the amplifier under passenger seat, 20 pin plug, pins 17 - 7 (without Bose), or 32 pin plug, pins 13 - 14 (with Bose).