

2012 Porsche Cayenne



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/white (30A)	+	Front BCM under driver dash, 4 pin plug (A), pin 1
Second 12 Volts	red/yellow (30A)	+	Front BCM under driver dash, 4 pin plug (A), pin 2
Starter	black (for starter kill only)	+	Front BCM under driver dash, 42 pin plug (C), pin 38
Second Starter	(electronic ign sw interface needed for rem start)		
Ignition	white or black (for ignition sense only)	+	Front BCM under driver dash, 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	gray/brown (electronic ignition LIN)	data	Front BCM under driver dash, 42 pin plug (C), pin 31
Can Bus High	orange/green (comfort CAN)	data	Front BCM under driver dash, 42 pin plug (C), pin 42
Can Bus Low	orange/brown (comfort CAN)	data	Front BCM under driver dash, 42 pin plug (C), pin 34
Can Bus Sw	N/A		
Power Lock	(use factory alarm arm)		
Power Unlock	(use factory alarm disarm)		
Lock Motor	purple/green	5 wire	Driver Door Control Unit, 20 pin plug, pin 13
Unlock Motor	blue/green	5 wire	Driver Door Control Unit, 20 pin plug, pin 11
Disarm Defeat	blue/green	5 wire	Passenger Door Control Unit, 20 pin plug, pin 11
Parking Lights (+)	blk/bu (LF), gry/rd (RF); gry/ye (LR), red/wh (RR)	+	Frnt BCM, 42P plg (D), pins 26, 4; Rear BCM, 42P plg (B), pins 4, 26
Parking Lights (-)	(LIN bus)		
Hazards	purple	-	Front BCM under driver dash, 42 pin plug (C), pin 16
Turn Signal (Left)	black/white (F); green/white or black/white (R)	+	Frnt BCM under dr dash, 42 pin plg (C), pin 24; 42 pin plg (D), pin 5
Turn Signal (Right)	black/green (F); black/green (R)	+	Frnt BCM under dr dash, 42 pin plg (C), pin 25; 42 pin plg (D), pin 25

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Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	yellow		headlight sw or Front BCM under driver dash, 42 pin plug (D), pin 18
AutoLights	(LIN bus)		
Reverse Light	blue/black	+	Rear BCM in right rear quarter panel, 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	red/blue	-	Left Rear Door Control Unit, 20 pin plug, pin 5
Right Rear Door Trigger	red/blue	-	Right Rear Door Control Unit, 20 pin plug, pin 5
Dome Supervision	(LIN bus)		
Trunk/Hatch Pin	gray/blue	-	Rear BCM in right rear quarter panel, 42 pin plug (B), pin 39
Rear Glass Pin	N/A		
Hood Pin	yellow/black	-	Front BCM under driver dash, 42 pin plug (D), pin 38
Trunk Hatch/Release	yellow/blue (rear handle switch)	-	Rear BCM in right rear quarter panel, 42 pin plug (A), pin 17
Trunk Release Motor	brown/yellow	5 wire	Rear BCM in right rear quarter panel, 12 pin plug (C), pin 4
Fuel Door Release	red/brown (unlock)	5 wire	Front BCM under driver dash, 12 pin plug (B), pin 3
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	blue/white (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	blue/stripe or brown/stripe	ac	any fuel injector, 2 pin plug, pin 1 (V6); pin 2 (V8)
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	yellow/purple		clutch switch, 5 pin plug, pin 4
Fuel Pump	red/yellow	+	driver kick, harness to rear
Rear Defroster	gray/white	+ latched	Rear BCM in right rear quarter panel, 42 pin plug (A), pin 36
Mirror Defroster	(comfort CAN)		
Left Front Heated Seat	blue/yellow	5 wire	A/C Control Unit, 3 pin plug, pin 2
Right Front Heated Seat	blue/white	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	black/red	+	pass kick or Rear BCM in right rear qrtr panel, 42 pin plug (B), pin 27
Parking Brake	(electric parking brake)		
Horn Trigger	white/purple	+	Front BCM under driver dash, 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)	(see left front window)		
Right Rear Window (Up/Down)	(see left front window)		
Sun Roof (Open/Close)	(LIN bus)		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1			
Memory Seat 2			
Memory Seat 3			
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/red (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 (+/-)	white - white/black	+,-	radio, 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	gray - gray/black	+,-	radio, 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	green - green/black	+,-	radio, 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	purple - purple/black	+,-	radio, 8 pin plug, pins 1 - 5
Center Channel (+/-)	blue - blue/black	+,-	amp in RR qrtr panel, 20 pin plug, pins 4-14, or 32 pin plg, pins 8-20
Subwoofer (+/-)	yellow/red - yellow/brn (preamp); red/wht(turn-on)	+,-; +	amplifier in RR quarter panel, 32 pin plug, pins 10 - 22; pin 23
Aux. Audio Input Left (+/-)	yellow - gray or gray - yellow	+,-	radio, 12 pin plug (D), pins 2 - 8
Aux. Audio Input Right (+/-)	green - gray or green - yellow	+,-	radio, 12 pin plug (D), pins 7 - 8
RSE Video (+/-)	white - black (television tuner)	+,-	radio, 12 pin plug (C), pins 10 - 11
RSE Audio Left (+/-)	(MOST bus) (television tuner)		

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DirectWire Vehicle Information		1/9/2014 6:16:37 AM	
RSE Audio Right (+/-)	(MOST bus) (television tuner)		
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		

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker			left front door
Left Front Tweeter			left front door; left front dash
Right Front Speaker			right front door
Right Front Tweeter			right front door; right front dash
Left Rear Speaker			left rear door
Left Rear Tweeter			left rear door; left rear pillar
Right Rear Speaker			right rear door
Right Rear Tweeter			right rear door; right rear pillar
Center Channel			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 in RR quarter panel, 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 in RR quarter panel, 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 woofer/tweeter wires are green - green/black at the amplifier in RR quarter panel, 20 pin plug, pins 6 - 16 (without Bose), or 32 pin plug, pins 12 - 11 (with Bose).
Right Rear Speaker (+/-)	The woofer/tweeter wires are purple - purple/black at the amplifier in RR quarter panel, 20 pin plug, pins 17 - 7 (without Bose), or 32 pin plug, pins 13 - 14 (with Bose). The surround speakers are paralleled, and the wires are yellow - blue/yellow at the amplifier, 32 pin plug, pins 21 - 9 (with Bose).