

2016 Porsche CayenneHybrid - Requested by: empire.de



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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/white (30A)	+	Front BCM under driver dash, 4 pin plug (A), pin 1
Ground	(chassis ground)		
Starter Kill	black	+	Front BCM under driver dash, blue 42 pin plug (C), pin 38
Starter	red/yellow	-	electronic ignition switch, 16 pin plug, pin 10
Ignition	blue/green	-	electronic ignition switch, 16 pin plug, pin 9
Ignition Sense	white or black	+	Front BCM under driver dash, 42 pin plug (D), pin 14
Accessory	black/red and black/blue	-	electronic ignition switch, 16 pin plug, pins 6, 12
Keysense	blue/yellow and violet	-	electronic ignition switch, 16 pin plug, pins 5, 11
Key Release	yellow/red	+	electronic ignition switch, 16 pin plug, pin 14
Data Bus	(ELECTRONIC IGNITION SWITCH INTERFACE NEEDED FOR REMOTE START)		
CAN Bus High	orange/green (comfort CAN)	data	driver kick or Front BCM under driver dash, blue 42 pin plug (C), pin 42
CAN Bus Low	orange/brown (comfort CAN)	data	driver kick or Front BCM under driver dash, blue 42 pin plug (C), pin 34
IMMO Data	gray/brown (electronic ignition LIN)	data	electronic ignition switch, 16 pin plug, pin 1
Power Lock	(use factory alarm arm)		
Power Unlock	(use factory alarm disarm)		
Lock Motor	violet/green	5 wire	Driver Door Control Unit, 20 pin plug, pin 13
Driver Unlock Motor	blue/green or blue	5 wire	Driver Door Control Unit, 20 pin plug, pin 11
Passenger Unlock Motor	blue/green or blue	5 wire	Passenger Door Control Unit, 20 pin plug, pin 11
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)		

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Item	Wire Color	Polarity	Wire Location
Parking Lights	black/blue (LF), gray/red (RF); gray/yellow (LR), red/white (RR)	+	Front BCM under driver dash, 42 pin plug (D), pins 26, 4; Rear BCM in right rear quarter panel, 42 pin plug (B), pins 4, 26
Parking Lights -	(LIN bus)		
Hazards	violet	-	Front BCM under driver dash, blue 42 pin plug (C), pin 16
Turn Signal (Left)	black/white (F); green/white or black/white (R)	+	Front BCM under driver dash, blue 42 pin plug (C), pin 24; 42 pin plug (D), pin 5
Turn Signal (Right)	black/green (F); black/green (R)	+	Front BCM under driver dash, blue 42 pin plug (C), pin 25; 42 pin plug (D), pin 25
Headlight	yellow		headlight switch 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 Light	(LIN bus)		
Trunk/Hatch Pin	gray/blue	-	Rear BCM in right rear quarter panel, 42 pin plug (B), pin 39
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	white/red or brown/yellow	5 wire	Rear BCM in right rear quarter panel, 12 pin plug (C), pin 4
Fuel Door Release	yellow/white or red/brown (fuel door lock/unlock)	5 wire	Front BCM under driver dash, 12 pin plug (B), pins 5, 3
Tachometer	(program engine checking off)		

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Item	Wire Color	Polarity	Wire Location
Tachometer 2	gray	ac	ECM in engine compartment passenger rear, 60 pin plug, pin 44
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)		
Wiper Deicer	violet/green (L); violet/yellow (R)	- latched	Front BCM under driver dash, blue 42 pin plug (C), pins 9, 10
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
Speed Sense	(wheel speed sensor)		
Brake Wire	black/red	+	passenger kick or Rear BCM in right rear quarter panel, 42 pin plug (B), pin 27
Parking Brake	(electric parking brake)		
Horn Trigger	white/violet	+	Front BCM under driver dash, blue 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)		
Memory Seat 1	blue	- 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)		
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

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Item	Wire Color	Polarity	Wire Location
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 (+/-)	violet - violet/black	+,-	radio, 8 pin plug, pins 1 - 5
Center Channel (+/-)	blue - blue/black	+,-	amplifier in right rear quarter panel, 20 pin plug, pins 4 - 14 or 32 pin plug, pins 8 - 20
Subwoofer (+/-)	yellow/red - yellow/brown (preamp); red/white (turn-on)	+,-; +	amplifier in right rear quarter panel, 32 pin plug, pins 10 - 22; pin 23
Aux. Audio Input Left (+/-)	blue - brown	+,-	radio, 12 pin plug (D), pins 2 - 8
Aux. Audio Input Right (+/-)	green - brown	+,-	radio, 12 pin plug (D), pins 7 - 8
RSE Video (+/-)	black - black (television tuner)	+,-	radio, 12 pin plug (C), pins 10 - 11
RSE Audio Left (+/-)	(MOST bus) (television tuner)		
RSE Audio Right (+/-)	(MOST bus) (television tuner)		
Satellite Radio 12 Volts	(built into radio)		

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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
Satellite Radio Tuner	(built into radio)		

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Additional Wiring Notes

Item	Note
Left Front Speaker (+/-)	The woofer wires are white/red - white/brown at the amplifier in right rear 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).
Left Rear Speaker (+/-)	The woofer/tweeter wires are green - green/black at the amplifier in right rear quarter panel, 20 pin plug, pins 6 - 16 (without Bose) or 32 pin plug, pins 12 - 11 (with Bose).
Right Front Speaker (+/-)	The woofer wires are gray/red - gray/brown at the amplifier in right rear 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).
Right Rear Speaker (+/-)	The woofer/tweeter wires are purple - purple/black at the amplifier in right rear 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).