

2021 Porsche CayenneHybrid - Requested by: ampire.de



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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Gray (35A)	+	VEBCM under driver dash, right black-White 73 pin plug, pin 1
Second 12 Volts	Red/Yellow (20A)	+	Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 16
Ground	(chassis ground)		
Starter Kill	Red/Black	+	Starter Motor Relay A, pin 5
Starter	Red/Green	+	Comfort System Module in left rear quarter panel, black-white 32 pin plug, pin 10
Ignition	Black	+	VEBCM under driver dash, middle black 73 pin plug, pin 19
PTS 1	Yellow/Gray	-	Ignition-Light Button Module, 6 pin plug, pin 4
PTS 2	White/Gray	-	Ignition-Light Button Module, 6 pin plug, pin 2
PTS 3	Blue/Yellow	-	Ignition-Light Button Module, 6 pin plug, pin 1
PTS 4	Yellow/Gray (PTS 1 alternate)	-	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 25
PTS 5	White/Gray (PTS 2 alternate)	-	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 26
PTS 6	Blue/Yellow (PTS 3 alternate)	-	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 10
CAN Bus High	Red (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Orange/Brown (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Green	Data	Driver Kick, door harness --or-- VEBCM under driver dash, right black-white 73 pin plug, pin 13
CAN Bus Low 2	Orange/Brown	Data	Driver Kick, door harness --or-- VEBCM under driver dash, right black-white 73 pin plug, pin 14

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Item	Wire Color	Polarity	Wire Location
CAN Bus High 3	Green	Data	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 2
CAN Bus Low 3	Orange/Brown	Data	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 1
OBD 12 Volts	Red (10A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Brown	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Ignition	Red/Blue	+	OBD-Data Link Connector, black 16 pin plug, pin 1
OBD Connector	Violet-Black		Under Driver Dash, Above Driver Kick
IMMO Antenna	Yellow	RF	Immobilizer Antenna in center console, black 2 pin plug, pin 1
IMMO Antenna 2	Yellow (alternate location)	RF	Comfort System Module in left rear quarter panel, black 20 pin plug, pin 1
Power Lock	Brown/Green	- Resistor	Driver Door Module, blue 32 pin plug, pin 28
Power Unlock	(same as power lock)	-	
Lock Motor	Blue/Brown	Reverse	Driver Door Module, white 20 pin plug, pin 13
Driver Unlock Motor	Brown/Green	Reverse	Driver Door Module, white 20 pin plug, pin 11
Passenger Unlock Motor	Brown/Green	Reverse	Passenger Door Module, white 20 pin plug, pin 11
Factory Alarm Arm	Blue/White (key lock)	- Resistor	Driver Door Module, white 20 pin plug, pin 1
Factory Alarm Disarm	(same as factory alarm arm)	-	
Parking Lights	Gray/Blue (LF); Gray (RF)	+	LF Turn Signal-Side Light, 3 pin plug, pin 3 (LF); RF Turn Signal-Side Light, 3 pin plug, pin 3 (RF)
Parking Lights 2	Green/Black (LR); Gray/Blue (RR)	+	Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 4 (LR); black 17 pin plug, pin 7 (RR)
Parking Lights -	(LIN)		

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Item	Wire Color	Polarity	Wire Location
Hazards	Blue/Violet	-	VESCM under driver dash, left black 54 pin plug, pin 31
Turn Signal (Left)	White/Gray (LF); Gray/Black (LR)	+	LF Turn Signal-Side Light, 3 pin plug, pin 1 (LF); Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 2 (LR)
Turn Signal (Right)	White/Gray (RF); Gray/Red (RR)	+	RF Turn Signal-Side Light, 3 pin plug, pin 1 (RF); Comfort System Module in left rear quarter panel, black 17 pin plug, pin 1 (RR)
Headlight	Yellow/Black (L); Yellow (R)	+	VESCM under driver dash, middle black 73 pin plug, pin 64 (L); right black-white 73 pin plug, pin 64 (R)
AutoLights	(LIN)		
Reverse Light	Black/Yellow	+	Comfort System Module in left rear quarter panel, black 17 pin plug, pin 3
Left Front Door Trigger	Brown/Yellow	-	Driver Door Module, white 20 pin plug, pin 5
Right Front Door Trigger	Brown/Yellow	-	Passenger Door Module, white 20 pin plug, pin 5
Left Rear Door Trigger	Gray/Violet	-	Left Rear Door Module, white 20 pin plug, pin 5
Right Rear Door Trigger	Gray/Violet	-	Right Rear Door Module, white 20 pin plug, pin 5
Dome Light	(LIN)		
Trunk/Hatch Pin	Black or Green/Red	-	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 15 or 28
Hood Pin	Green/Red	-	VESCM under driver dash, middle black 73 pin plug, pin 30
Power Liftgate	Yellow/Blue	-	Driver Door Module, blue 32 pin plug, pin 23
Trunk/Hatch Release	Blue/Green (rear handle switch)	-	Comfort System Module in left rear quarter panel, blue-white 32 pin plug, pin 30
Trunk Release Motor	Green/Blue	Reverse	Comfort System Module in left rear quarter panel, black 20 pin plug, pin 11

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Item	Wire Color	Polarity	Wire Location
Fuel Door Release	Blue/Red - Blue (lock-unlock motor)	Reverse	Comfort System Module in left rear quarter panel, black-white 32 pin plug, pin 31 - 30
Tachometer	(program engine checking off)		
Tachometer 2	Gray/Red (3.0L)	AC	Camshaft Position Sensor, engine driver side top front, black 3 pin plug, pin 2
Tachometer 3	Black/Gray (4.0L)	AC	Camshaft Position Sensor, engine driver side front, black 3 pin plug, pin 2
Fuel Pump	Black/White	+	Front Fuse Box, Fuse Holder A, Fuse 16
Rear Defroster	Green/Violet	+ Latched	Comfort System Module in left rear quarter panel, black-white 32 pin plug, pin 32
Mirror Defroster	(CAN)		
Left Front Heated Seat	(CAN)		
Right Front Heated Seat	(CAN)		
Brake Wire	Black/Red	+	Comfort System Module in left rear quarter panel, black-white 32 pin plug, pin 12
Parking Brake	Green/Violet (EPB indicator)	-	Electric Parking Brake Button, 8 pin plug, pin 8
Horn Trigger	Black/Green or Black/Yellow	Reverse	VEBCM under driver dash, right black-White 73 pin plug, pin 5
Horn - Factory Alarm	Black/Yellow	+	Comfort System Module in left rear quarter panel, brown 17 pin plug, pin 8
Wipers	(LIN)		
All Windows Up-Down	(use factory alarm arm-disarm)		
Sun Roof (Open/Close)	(use factory alarm arm-disarm)		
Memory Seat 1	Gray	MUX	Driver Door Module, blue 32 pin plug, pin 19
Memory Seat 2	(same as memory seat 1)		
Radio 12V	Red/Yellow	+	Radio, black 8 pin plug, pin 8
Radio Ground	Brown	-	Radio, black 8 pin plug, pin 7

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Item	Wire Color	Polarity	Wire Location
Factory Amp Turn-on	(MOST)		
Left Front Speaker (+/-)	Red/Green - White/Green	+,-	Radio, brown 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	Red/Green - Brown/Green	+,-	Radio, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Black/Blue - White/Blue	+,-	Radio, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Black/Blue - Brown/Blue	+,-	Radio, brown 8 pin plug, pins 1 - 5
Subwoofer (+/-)	Red/Blue - White/Blue (LF bass); Red/Blue - Brown/Blue (RF bass)	+,-	Radio, black 8 pin plug, pins 2 - 6 (LF bass); pins 1 - 5 (RF bass)
Left Front Speaker - With Amp	Red/Blue - White/Blue (low); Red/Green - White/Green (mid)	+,-	Amplifier, black 38 pin plug, pins 12 - 11 (low); pins 21 - 9 (mid) (Bose)
Right Front Speaker - With Amp	Red/Blue - Brown/Blue (low); Red/Green - Brown/Green (mid)	+,-	Amplifier, black 38 pin plug, pins 14 - 13 (low); pins 22 - 10 (mid) (Bose)
Left Front Tweeter - With Amp	Red - White/Red	+,-	Amplifier, black 38 pin plug, pins 36 - 35 (Bose)
Right Front Tweeter - With Amp	Red - Brown/Red	+,-	Amplifier, black 38 pin plug, pins 33 - 34 (Bose)
Left Rear Speaker - With Amp	Black/Blue - White/Blue	+,-	Amplifier, black 38 pin plug, pins 19 - 7 (Bose)
Right Rear Speaker - With Amp	Red/Blue - Brown/Blue	+,-	Amplifier, black 38 pin plug, pins 20 - 8 (Bose)
Left Rear Tweeter - With Amp	White/Red - Black/Red	+,-	Amplifier, black 38 pin plug, pins 37 - 38 (Bose)
Right Rear Tweeter - With Amp	Black/Red - Brown/Red	+,-	Amplifier, black 38 pin plug, pins 26 - 27 (Bose)
Left Rear Surround - With Amp	Black/Violet - White/Violet	+,-	Amplifier, black 38 pin plug, pins 17 - 5 (Bose)
Right Rear Surround - With Amp	Red - Brown/Violet	+,-	Amplifier, black 38 pin plug, pins 18 - 6 (Bose)
Center Channel - With Amp	Red/Violet - Gray/Violet	+,-	Amplifier, black 38 pin plug, pins 31 - 32 (Bose)
Subwoofer - With Amp	Black/Yellow - Gray/Yellow	+,-	Amplifier, black 38 pin plug, pins 16 - 4 (Bose)
Rearview Camera Video	Brown - Black (w/o top view)	+,-	Radio, blue 12 pin plug, pins 6 - 12

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What Fits

Item	Size	Depth	Location
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