2003 Porsche Cayenne

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red (150A)	+	driver dash fuse box
Second 12 Volts	N/A		
Starter	red/black (for starter kill only)	+	starter or starter relay in underhood fuse box
Second Starter	N/A		
Ignition	black (for ignition sense only)	+	driver dash fuse box
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	use KIVW interface module		
Can Bus High	orange/green	data	VESCM, 26 pin plug (A), pin 1
Can Bus Low	orange/brown	data	VESCM, 26 pin plug (A), pin 2
Can Bus Sw	N/A		
Power Lock	brown/green	- 780 ohms	Driver Door Module, gray 32 pin plug, pin 6
Power Unlock	same as power lock	-	
Lock Motor	blue/green	5 wire	Driver Door Module, black 12 pin plug, pin 11
Unlock Motor	green/yellow	5 wire	Driver Door Module, black 12 pin plug, pin 12
Disarm Defeat	green/yellow	5 wire	Passenger Door Module, black 12 pin plug, pin 12
Parking Lights (+)	black/blue (LF); gray/red (RF)	+	VESCM, 6 pin plug (E), pin 4; 6 pin plug (F), pin 5
Parking Lights (-)	green/yellow	-	VESCM, 26 pin plug (A), pin 17
Hazards	purple	-	VESCM, 26 pin plug (A), pin 3
Turn Signal (Left)	black/white	+	VESCM, 6 pin plug (E), pin 1
Turn Signal (Right)	black/green	+	VESCM, 6 pin plug (F), pin 4

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	green/yellow	-	VESCM, 26 pin plug (A), pin 19
AutoLights	yellow/white (interrupt to turn off autolights)	-	VESCM, 26 pin plug (A), pin 5
Reverse Light	red/yellow	+	VESCM, 26 pin plug (A), pin 20
Left Front Door Trigger	red/blue	-	Driver Door Module, black 12 pin plug, pin 2
Right Front Door Trigger	red/blue	-	Passenger Door Module, black 12 pin plug, pin 2
Left Rear Door Trigger	red/blue	-	Left Rear Door Module, black 12 pin plug, pin 2
Right Rear Door Trigger	red/blue	-	Right Rear Door Module, black 12 pin plug, pin 2
Dome Supervision	blue/white	-	VESCM, 6 pin plug (C), pin 2
Trunk/Hatch Pin	yellow	-	Comfort System Control Module, 23 pin plug, pin 13
Rear Glass Pin	blue	-	Comfort System Control Module, 23 pin plug, pin 4
Hood Pin	black/yellow	-	VESCM, 26 pin plug (A), pin 16
Trunk Hatch/Release	yellow/blue (liftgate), yellow (liftgate glass)	-	Comfort System Control Module, 23 pin plug, pins 12 and 3
Trunk Release Motor	blue/green (liftgate), blue/red (liftgate glass)	5 wire	Comfort System Control Module, 23 pin plug, pins 21 and 20
Fuel Door Release	purple/yellow	5 wire	Comfort System Control Module, 23 pin plug, pin 19
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	blue/yellow	-	Driver Door Module, black 12 pin plug, pin 8
Factory Alarm Disarm	same as factory alarm arm	- 250 ohms	
Disarm No Unlock	Transponder and ignition		
Trunk Alarm Shunt	N/A		
Tachometer	blue/stripe (V6), brown/stripe (V8)	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	red/yellow (in), purple/red (out)	+ N.O.	clutch switch
Fuel Pump	red/yellow (L), red/black (R)	+	driver kick, harness to rear
Rear Defroster	black	- latched	rear window defogger relay, plug D, pin 7F
Mirror Defroster	purple/black	-	Driver Door Control Module, gray 32 pin plug, pin 9
Left Front Heated Seat	black/white	+ resistor	driver heated seat switch, 6 pin plug, pin 6
Right Front Heated Seat	black/white	+ resistor	passenger heated seat switch, 6 pin plug, pin 6

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	white/purple (some models only)	ac	instrument cluster, blue 32 pin plug, pin 3
Brake Wire	black/red	+	brake switch or Comfort System Control Module, 23 pin plug, pin 6
Parking Brake	purple/white	-	parking brake switch, 4 pin plug, pin 2
Horn Trigger	purple/black	+	VESCM, 4 pin plug (G), pin 2
Wipers	(CAN 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)	use factory alarm arm/disarm		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	blue/yellow	+ resistor	Memory Seat Module, 26 pin plug, pin 13
Memory Seat 2	same as memory seat 1	+ resistor	
Memory Seat 3	blue/green	+ resistor	Memory Seat Module, 26 pin plug, pin 8
Radio 12V	red/yellow	+	radio, 8 pin plug, pin 4
Radio Ground	brown	-	radio, 8 pin plug, pin 8
Radio Ignition	(CAN bus)		
Radio Illumination	(CAN bus)		
Factory Amp Turn-on	(MOST bus)		
Power Antenna	red	+	radio, 8 pin plug, pin 5
Left Front Speaker (+/-)	white/blk - brown/blk (low), red - brn/red (high)	+,-	amplifier, 32 pin plug, pins 5 and 17 (low), 27 and 32 (high)
Right Front Speaker (+/-)	white/red - brown/red (low), red - brn/red (high)	+,-	amplifier, 32 pin plug, pins 4 and 16 (low), 24 and 29 (high)
Left Rear Speaker (+/-)	red - brown/red	+,-	amplifier, 32 pin plug, pins 25 and 30
Right Rear Speaker (+/-)	blue - brown/blue	+,-	amplifier, 32 pin plug, pins 26 and 31
Center Channel (+/-)	red/yellow - brown/yellow	+,-	amplifier, 32 pin plug, pins 23 and 20
Subwoofer (+/-)	white/brown - green/brown	+,-	amplifier, 32 pin plug, pins 10 and 22
Aux. Audio Input Left (+/-)	N/A		
Aux. Audio Input Right (+/-)	N/A		
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
Satellite Radio 12 Volts	N/A		
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	8.6		left front door
Left Front Tweeter	1.8 (tweeter), 3.1 (midrange)		left front dash (tweeter), door (midrange)
Right Front Speaker	8.6		right front door
Right Front Tweeter	1.8 (tweeter), 3.1 (midrange)		right front dash (tweeter), door (midrange)
Left Rear Speaker	6.6		left rear door
Left Rear Tweeter	2.3		left rear door (tweeter), pillar (surround)
Right Rear Speaker	6.6		right rear door
Right Rear Tweeter	2.3		right rear door (tweeter), pillar (surround)
Center Channel	2.3		top center of dash
Subwoofer			spare tire well
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	N/A		

Additional Wiring Notes

Item	Note
Fuel Door Release	The Comfort System Control Module is in the right rear quarter panel.
Can Bus High	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Can Bus Low	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Trunk Release Motor	The Comfort System Control Module is in the right rear quarter panel.
Hood Pin	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Parking Lights (-)	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Headlight	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
AutoLights	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Hazards	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Parking Lights (+)	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal. The LR - RR wires are gray/black - gray at the Comfort System Control Module, 12 pin plug, pin 10; 12 pin plug, pin 5. The Comfort System Control Module is in the right rear quarter panel.
Turn Signal (Left)	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Turn Signal (Right)	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Trunk Hatch/Release	The Comfort System Control Module is in the right rear quarter panel. Meter these wires while opening the liftgate/liftgate glass from the handles on the rear of the vehicle.
Trunk/Hatch Pin	The Comfort System Control Module is in the right rear quarter panel.
Factory Alarm Arm	Meter this wire while turning the key in the driver door key cylinder. On some models, this wire only controls the power locks and power windows, and will not control the factory alarm.
Horn Trigger	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Reverse Light	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal. Also found black/blue (+) at the Comfort System Control Module, 23 pin plug, pin 22. The Comfort System Control Module is in the right rear quarter panel.
Dome Supervision	The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Rear Defroster	The rear window defogger relay is on the VESCM assembly. The VESCM (Vehicle Electrical System Control Module) is under the driver dash, above the accelerator pedal.
Subwoofer (+/-)	The amplifier is in the right rear quarter panel.
Memory Seat 1	The Memory Seat Module is under the driver seat.
Memory Seat 3	The Memory Seat Module is under the driver seat.
Center Channel (+/-)	The amplifier is in the right rear quarter panel.
Left Front Speaker (+/-)	The amplifier is in the right rear quarter panel.
Right Front Speaker (+/-)	The amplifier is in the right rear quarter panel.
Left Rear Speaker (+/-)	The amplifier is in the right rear quarter panel.
Right Rear Speaker (+/-)	The amplifier is in the right rear quarter panel. The rear pillar surround speakers are paralleled, and the wire colors are green - brown/purple at the amplifier, 32 pin plug, pins 14 and 13.
Rear Glass Pin	The Comfort System Control Module is in the right rear quarter panel.