

## 2012 Porsche Boxster



### Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red/blue (80A)	+	ignition relay above driver kick
<b>Second 12 Volts</b>	N/A		
<b>Starter</b>	red/gray or yellow (for starter kill only)	+	starter relay above driver kick
<b>Second Starter</b>	N/A		
<b>Ignition</b>	black (for ignition sense only)	+	ignition relay above driver kick
<b>Second Ignition</b>			
<b>Third Ignition</b>			
<b>Accessory</b>	black/gray (for accessory sense only)	+	heater relay above driver kick
<b>Second Accessory</b>			
<b>Third Accessory</b>			
<b>Key Sense</b>	N/A		
<b>Data Bus</b>			
<b>Can Bus High</b>	yellow	data	VEBCM, relay box under driver dash, 42 pin plug (A), pin 37
<b>Can Bus Low</b>	black	data	VEBCM, relay box under driver dash, 42 pin plug (A), pin 38
<b>Can Bus Sw</b>	N/A		
<b>Power Lock</b>	black/white (central lock switch)	-	Rear Control Unit under driver seat, 23 pin plug (A), 12
<b>Power Unlock</b>	(same as power lock)	-	
<b>Lock Motor</b>	brown/red	5 wire	Driver Door Control Unit, 20 pin plug, pin 2
<b>Unlock Motor</b>	black/red	5 wire	Driver Door Control Unit, 20 pin plug, pin 1
<b>Disarm Defeat</b>	black/red	5 wire	Passenger Door Control Unit, 20 pin plug, pin 1
<b>Parking Lights (+)</b>	gray	+	sw or Frnt End Ctrl Unit in R side of front trunk, 42 pin plug (A), pin 29
<b>Parking Lights (-)</b>	N/A		
<b>Hazards</b>	black/orange	-	sw or Frnt End Ctrl Unit in R side of front trunk, 42 pin plug (A), pin 28
<b>Turn Signal (Left)</b>	black/white (F); black/white (R)	+	Front End Control Unit, 42 pin plg (B), pin 34; 42 pin plg (A), pin 11
<b>Turn Signal (Right)</b>	black/green (F); black/green (R)	+	Front End Control Unit, 42 pin plg (B), pin 21; 42 pin plg (A), pin 42

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	red	+	sw or Frnt End Ctrl Unit in R side of front trunk, 42 pin plug (A), pin 38
<b>AutoLights</b>	yellow/red (interrupt to turn off autolights)	+	headlight switch or VESCM, 42 pin plug (A), pin 33
<b>Reverse Light</b>	black/blue	+	Rear Control Unit under driver seat, 23 pin plug (A), pin 22
<b>Left Front Door Trigger</b>	green/black	-	Driver Door Control Unit, 20 pin plug, pin 13
<b>Right Front Door Trigger</b>	green/black	-	Passenger Door Control Unit, 20 pin plug, pin 13
<b>Left Rear Door Trigger</b>	N/A		
<b>Right Rear Door Trigger</b>	N/A		
<b>Dome Supervision</b>	brown/purple	-	VESCM, relay box under driver dash, 42 pin plug (A), pin 35
<b>Trunk/Hatch Pin</b>	brown/white	-	Rear Control Unit under driver seat, 23 pin plug (A), pin 5
<b>Rear Glass Pin</b>	N/A		
<b>Hood Pin</b>	yellow/white	-	Front End Control Unit in R side of front trunk, 42 pin plug (B), pin 19
<b>Trunk Hatch/Release</b>	white/red (front); red/black (rear)	-	sw or VESCM, relay box under driv dash, 42 pin plug (A), pins 12, 13
<b>Trunk Release Motor</b>	blue (rear)	5 wire	Rear Control Unit under driver seat, 23 pin plug (A), pin 19
<b>Fuel Door Release</b>	blue	5 wire	VESCM, relay box under driver dash, 42 pin plug (A), pin 25
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>	N/A		
<b>Factory Alarm Arm</b>	brown/black (driver door key lock)	-	Driver Door Control Unit, 20 pin plug, pin 15
<b>Factory Alarm Disarm</b>	(same as factory alarm arm)	- 250 ohms	
<b>Disarm No Unlock</b>	(transponder and ignition)		
<b>Trunk Alarm Shunt</b>	N/A		
<b>Tachometer</b>	bn/gn, bn/gy, bn/ye, bn/bu, bn/rd, or bn/bk (2.9L)	ac	ECM in left side of rear trnk, 52 pin plug (C), pin 2, 15, 27, 28, 40, 41
<b>Wait to Start</b>	N/A		
<b>Neutral Safety</b>	N/A		
<b>Clutch Pedal</b>	yellow/purple or black	-	clutch switch, 2 pin plug, pin A
<b>Fuel Pump</b>	green/black	+	fuel pump relay above driver kick
<b>Rear Defroster</b>	brown/red	+ latched	VESCM, relay box under driver dash, 42 pin plug (B), pin 10
<b>Mirror Defroster</b>	white/green	5 wire	Driver and Passenger Door Control Unit, 12 pin plug, pin 7
<b>Left Front Heated Seat</b>	red/brown	5 wire	VESCM, relay box under driver dash, 42 pin plug (B), pin 25

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DirectWire Vehicle Right Front Heated Seat	Information - 9/17/2013 2:21:51 AM red/brown	5 wire	VESCM, relay box under driver dash, 42 pin plug (A), pin 1
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## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
<b>Speed Sense</b>	white/brown	ac	Front End Control Unit in R side of front trunk, 42 pin plug (A), pin 37
<b>Brake Wire</b>	black/yellow (functions with ignition on only)	+	brake switch or Rear Control Unit under dr seat, 23 pin plg (A), pin 6
<b>Parking Brake</b>	yellow	-	parking brake switch, 2 pin plug, pin 1
<b>Horn Trigger</b>	black/yellow (L); black/orange (H)	+	Front End Control Unit in R side of frnt trunk, 42 pin plg (B), pins 22, 1
<b>Wipers</b>	black/orange (L); black (H)	+	VEBCM, relay box under driver dash, 42 pin plug (B), pins 1, 4
<b>Left Front Window (Up/Down)</b>	(use factory alarm arm/disarm)		
<b>Right Front Window (Up/Down)</b>	(see left front window)		
<b>Left Rear Window (Up/Down)</b>	N/A		
<b>Right Rear Window (Up/Down)</b>	N/A		
<b>Sun Roof (Open/Close)</b>	green/brown (functions with ignition on only)	- resistor	convertible top switch, 7 pin plug, pin 4
<b>Sun Roof (Limit/Close)</b>	N/A		
<b>Memory Seat 1</b>	blue/black	- resistor	Driver Door Control Unit, 28 pin plug, pin 27
<b>Memory Seat 2</b>	(same as memory seat 1)	- resistor	
<b>Memory Seat 3</b>	N/A		
<b>Radio 12V</b>	red/brown	+	radio, 16 pin plug (A), pin 15
<b>Radio Ground</b>	brown	-	radio, 16 pin plug (A), pin 12
<b>Radio Ignition</b>	(CAN bus)		
<b>Radio Illumination</b>	(CAN bus)		
<b>Factory Amp Turn-on</b>	white/red (base amp); MOST bus (BOSE amp)	+	radio, 12 pin plug (C), pin 4
<b>Power Antenna</b>	white	+	radio, 16 pin plug (A), pin 14
<b>Left Front Speaker (+/-)</b>	white - white/black	+,-	radio, 8 pin plug (B), pins 3 - 7
<b>Right Front Speaker (+/-)</b>	gray - gray/black	+,-	radio, 8 pin plug (B), pins 2 - 6
<b>Left Rear Speaker (+/-)</b>	green - green/black	+,-	radio, 8 pin plug (B), pins 4 - 8
<b>Right Rear Speaker (+/-)</b>	purple - purple/black	+,-	radio, 8 pin plug (B), pins 1 - 5
<b>Center Channel (+/-)</b>	blue - blue/black	+,-	amp, 20 pin plg, pins 4-14 (base); 32 pin plug, pins 8 - 20 (BOSE)
<b>Subwoofer (+/-)</b>	orange - org/brn (preamp); wht/yel (turn-on)(BOSE)	+,-; +	amplifier under passenger seat, 32 pin plug, pins 10 - 22; pin 23
<b>Aux. Audio Input Left (+/-)</b>	pink - orange	+,-	radio, 12 pin plug (D), pins 2 - 8
<b>Aux. Audio Input Right (+/-)</b>	green - orange	+,-	radio, 12 pin plug (D), pins 7 - 8
<b>RSE Video (+/-)</b>	N/A		

DirectWire Vehicle Information - 9/17/2013 2:21:51 AM			
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		

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*What Fits*

Item	Size	Depth	Location
<b>Headunit</b>	irregular		center of dash
<b>Left Front Speaker</b>	8.0		left front door
<b>Left Front Tweeter</b>	1.0 (tweeter), 3.25 (midrange)		left front dash (tweeter), door (midrange)
<b>Right Front Speaker</b>	8.0		right front door
<b>Right Front Tweeter</b>	1.0 (tweeter), 3.25 (midrange)		right front dash (tweeter), door (midrange)
<b>Left Rear Speaker</b>	2.5		behind seats in enclosure
<b>Left Rear Tweeter</b>	N/A		
<b>Right Rear Speaker</b>	2.5		behind seats in enclosure
<b>Right Rear Tweeter</b>	N/A		
<b>Center Channel</b>	2.75		top center of dash
<b>Subwoofer</b>	5.25		behind seats in enclosure
<b>Left Front Headrest</b>			
<b>Right Front Headrest</b>			
<b>Left Right Headrest</b>			
<b>Right Rear Headrest</b>			
<b>Satellite Radio Tuner</b>	(built into radio)		

*Additional Wiring Notes*

Item	Note
<b>Trunk Release Motor</b>	The front trunk release motor is brown/black (5 wire) at the Front End Control Unit in R side of front trunk, 42 pin plug (B), pin 36.
<b>Tachometer</b>	On 3.4L models, the fuel injectors are brown/blue, brown/red, gray/brown, brown/yellow, green/yellow, or blue/brown at the ECM in left side of rear trunk, 96 pin plug (B), pin 49, 73, 51, 50, 74, or 52.
<b>Left Front Speaker (+/-)</b>	On models with amplifier, the low range wires are white/red - white/brown at the amplifier under passenger seat, 20 pin plug, pins 5 - 15 (base amp), or 32 pin plug, pins 3 - 15 (BOSE amp). The high range wires are white - white/black at the amplifier, 20 pin plug, pins 12 - 2 (base amp), or 32 pin plug, pins 7 - 19 (BOSE amp).
<b>Right Front Speaker (+/-)</b>	On models with amplifier, the low range wires are gray/red - gray/brown at the amplifier under passenger seat, 20 pin plug, pins 10 - 20 (base amp), or 32 pin plug, pins 5 - 17 (BOSE amp). The high range wires are gray - gray/black at the amplifier, 20 pin plug, pins 13 - 3 (base amp), or 32 pin plug, pins 18 - 6 (BOSE amp).
<b>Left Rear Speaker (+/-)</b>	On models with amplifier, the speaker wires are green - green/black at the amplifier under passenger seat, 20 pin plug, pins 6 - 16 (base amp), or 32 pin plug, pins 12 - 11 (BOSE amp).
<b>Right Rear Speaker (+/-)</b>	On models with amplifier, the speaker wires are purple - purple/black at the amplifier under passenger seat, 20 pin plug, pins 17 - 7 (base amp), or 32 pin plug, pins 13 - 14 (BOSE amp).