

## 2015 Subaru WRX



## Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	white (common 40A or 50A)	+	ignition switch, white 8 pin plug, pin 4
<b>Second 12 Volts</b>	white (common 40A or 50A)	+	ignition switch, white 8 pin plug, pin 5
<b>Starter</b>	black/white	+	ignition switch, white 8 pin plug, pin 3
<b>Second Starter</b>	white	+	ignition switch, white 8 pin plug, pin 7
<b>Ignition</b>	green	+	ignition switch, white 8 pin plug, pin 1
<b>Second Ignition</b>	blue	+	ignition switch, white 8 pin plug, pin 6
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	yellow	+	ignition switch, white 8 pin plug, pin 2
<b>Second Accessory</b>	N/A		
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	black/white	+	key switch, white 2 pin plug, pin 2
<b>Data Bus</b>	white/blue (immobilizer serial communication)	data	BIU behind dash fuse box, white 34 pin plug (A), pin 31
<b>Can Bus High</b>	red	data	data link connector, black 16 pin plug, pin 6
<b>Can Bus Low</b>	blue	data	data link connector, black 16 pin plug pin 14
<b>Can Bus Sw</b>	red (keyless entry serial communication)	data	BIU behind dash fuse box, white 31 pin plug (D), pin 11
<b>Power Lock</b>	lt. green/black	-	driver kick, white 28 pin plug, pin 15
<b>Power Unlock</b>	blue/black	-	driver kick, white 28 pin plug, pin 16
<b>Lock Motor</b>	red/green	5 wire	driver kick, white 28 pin plug, pin 17
<b>Unlock Motor</b>	lt. green	5 wire	driver kick, white 28 pin plug, pin 18
<b>Disarm Defeat</b>	lt. green	5 wire	driver kick, white 20 pin plug, pin 11
<b>Parking Lights (+)</b>	black/white	+	dash fuse box, white 20 pin plug, pin 12
<b>Parking Lights (-)</b>	black/blue	-	headlight switch, white 20 pin plug, pin 18
<b>Hazards</b>	green	-	BIU behind dash fuse box, white 31 pin plug (D), pin 18
<b>Turn Signal (Left)</b>	white/red	+	dash fuse box, white 20 pin plug, pin 20
<b>Turn Signal (Right)</b>	gray	+	dash fuse box, white 20 pin plug, pin 3

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	blue/black	-	headlight switch, white 20 pin plug, pin 20
<b>AutoLights</b>	blue/orange (interrupt to turn off autolights)	-	headlight switch, white 20 pin plug, pin 19
<b>Reverse Light</b>	brown/yellow or brown	+	passenger kick, white 20 pin plug, pin 4
<b>Left Front Door Trigger</b>	blue/white	-	driver kick, white 20 pin plug, pin 15
<b>Right Front Door Trigger</b>	blue/orange	-	BIU behind dash FB, white 35 pin plug (C), pin 13
<b>Left Rear Door Trigger</b>	yellow/white	-	driver kick, white 20 pin plug, pin 16
<b>Right Rear Door Trigger</b>	white/red	-	BIU behind dash FB, white 35 pin plug (C), pin 25
<b>Dome Supervision</b>	green/yellow	-	BIU behind dash fuse box, white 35 pin plug (C), pin 4
<b>Trunk/Hatch Pin</b>	yellow/blue	-	BIU behind dash fuse box, white 35 pin plug (C), pin 33
<b>Rear Glass Pin</b>	N/A		
<b>Hood Pin</b>	yellow/black (with remote start only)	-	Remote Start Module above brake pedal, white 4 pin plug, pin 4
<b>Trunk Hatch/Release</b>	green/red	-	trunk lid opener switch, gray 4 pin plug, pin 2
<b>Trunk Release Motor</b>	black/blue	5 wire	BIU behind dash fuse box, white 31 pin plug (D), pin 7
<b>Fuel Door Release</b>	N/A		
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>	N/A		
<b>Factory Alarm Arm</b>	(arms on lock with driver door open)		
<b>Factory Alarm Disarm</b>	(see disarm no unlock)		
<b>Disarm No Unlock</b>	(transponder and ignition)		
<b>Trunk Alarm Shunt</b>	N/A		
<b>Tachometer</b>	green/white (non STI models)	ac	camshaft position sensor on pass side of engine, gry 3 pin plg, pin 2
<b>Wait to Start</b>	N/A		
<b>Neutral Safety</b>	green/black (M/T) (non STI models)	-	ECM next to air cleaner assembly, brown 48 pin plug, pin 33
<b>Clutch Pedal</b>	lt. green	+	clutch switch, white 2 pin plug, pin 2
<b>Fuel Pump</b>	red/black	+	passenger kick, white 20 pin plug, pin 5
<b>Rear Defroster</b>	purple	- latched	BIU behind dash fuse box, white 34 pin plug (A), pin 26
<b>Mirror Defroster</b>	(mirror same as rear defrost); blue (wiper deicer)	- latched	BIU behind dash fuse box, white 31 pin plug (D), pin 9
<b>Left Front Heated Seat</b>	red/blue (LO); lt. green (HI)	5 wire	seat heater sw, blu 4 pin plug, pins 4, 1 or wht 8 pin plug, pins 1, 4
<b>Right Front Heated Seat</b>	red/white (LO); white (HI)	5 wire	seat heater sw, wht 4 pin plg, pins 4, 1 or wht 8 pin plug, pins 3, 8

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	pink/green	ac	radio, white 20 pin plug, pin 19 or white 28 pin plug, pin 17
Brake Wire	brown	+	dash fuse box, white 20 pin plug, pin 15
Parking Brake	gray	-	driver kick, white 20 pin plug, pin 14
Horn Trigger	red	-	horn switch, white 14 pin plug, pin 9
Wipers	red/blue (LO); black/blue (HI); green/black (ign)	+	wiper switch, white 10 pin plug, pins 3, 4, 2
Left Front Window (Up/Down)	blue/red - blue/green	A	power window main switch, white 3 pin plug, pins 3 - 1
Right Front Window (Up/Down)	red - red/yellow	A	driver kick, white 28 pin plug, pins 5 - 6
Left Rear Window (Up/Down)	green/red - black/yellow	A	driver kick, white 28 pin plug, pins 9 - 10
Right Rear Window (Up/Down)	blue - blue/yellow	A	driver kick, white 28 pin plug, pins 7 - 8
Sun Roof (Open/Close)	blue - red (function with ignition on only)	+	sunroof switch, white 5 pin plug, pins 1 - 4
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	blue/red	+	radio, white 20 pin plug, pin 20 or white 10 pin plug, pin 4
Radio Ground	black/blue	-	radio, white 20 pin plug, pin 10 or white 10 pin plug, pin 7
Radio Ignition	yellow/red	+	radio, white 20 pin plug, pin 3 or white 10 pin plug, pin 3
Radio Illumination	purple (parking lights); black/white (dimmer)	+,-	radio, white 20 pin plug, pins 1, 2
Factory Amp Turn-on	pink	+	radio, white 16 pin plug, pin 5 or white 10 pin plug, pin 9
Power Antenna	yellow/black	+	radio, white 20 pin plug, pin 9 or white 10 pin plug, pin 8
Left Front Speaker (+/-)	white/black - blue/orange or green - black	+,-	radio, white 20 pin plug, pins 7 - 8 or white 10 pin plug, pins 6 - 2
Right Front Speaker (+/-)	green - brown/yellow or white - red	+,-	radio, white 20 pin plug, pins 17 - 18 or white 10 pin plug, pins 5 - 1
Left Rear Speaker (+/-)	red/black - white/red or lt. grn/blk - lt. green	+,-	radio, white 20 pin plug, pins 5 - 6 or white 6 pin plug, pins 6 - 2
Right Rear Speaker (+/-)	red/white - gray/green or yellow/red - yellow/blk	+,-	radio, white 20 pin plug, pins 15 - 16 or white 6 pin plug, pins 3 - 1
Center Channel (+/-)	N/A		
Subwoofer (+/-)	brown/red - white/red (1); brown - green (2)	+,-	amplifier under rear deck, white 12 pin plug, pins 4 - 10; 5 - 12
Aux. Audio Input Left (+/-)	white - (shield)	+,-	radio, 16P plug, pins 3-11 or 28P plug, pins 28-27
Aux. Audio Input Right (+/-)	black - (shield)	+,-	radio, 16P plug, pins 4-11 or 28P plug, pins 26-27
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		
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	double DIN		center of dash
Left Front Speaker	6.3		left front door
Left Front Tweeter	2.56		left front dash
Right Front Speaker	6.3		right front door
Right Front Tweeter	2.56		right front dash
Left Rear Speaker	6.3		left rear door
Left Rear Tweeter	N/A		
Right Rear Speaker	6.3		right rear door
Right Rear Tweeter	N/A		
Center Channel	N/A		
Subwoofer			center of rear deck
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

Additional Wiring Notes

Item	Note
<b>Radio Illumination</b>	On models with navigation, they are at the radio, white 10 pin plug, pin 10 and white 6 pin plug, pin 5.
<b>Tachometer</b>	On STI models, it is green/red at passenger rear of engine, black 54 pin plug, pin 2.
<b>Neutral Safety</b>	On STI models, it is green/white (-) at the ECM behind glove box, white 35 pin plug (C), pin 35.
<b>Right Rear Speaker (+/-)</b>	On models with amplifier, the speaker wires are lt. green - yellow at the amplifier under rear deck, white 10 pin plug, pins 7 - 8.
<b>Left Rear Speaker (+/-)</b>	On models with amplifier, the speaker wires are purple - green/yellow at the amplifier under rear deck, white 10 pin plug, pins 6 - 2.
<b>Left Front Speaker (+/-)</b>	On models with amplifier, the speaker wires are green - blue/white at the amplifier under rear deck, white 10 pin plug, pins 4 - 10. The tweeter wires are white/blue - black/blue at the amplifier, white 12 pin plug, pins 3 - 9.
<b>Right Front Speaker (+/-)</b>	On models with amplifier, the speaker wires are pink - blue at the amplifier under rear deck, white 10 pin plug, pins 9 - 3. The tweeter wires are yellow - white/black at the amplifier, white 12 pin plug, pins 1 - 2.