2013 Subaru BRZ - Requested by: ampire.de

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Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	white/red (40A)	+	ignition switch, white 8 pin plug, pin 7
Second 12 Volts	white/green (7.5A)	+	ignition switch, white 8 pin plug, pin 2
Ground	(chassis ground)		
Starter	white/black	+	ignition switch, white 8 pin plug, pin 8
Second Starter	red/white	+	ignition switch, white 8 pin plug, pin 1
Ignition	green/orange	+	ignition switch, white 8 pin plug, pin 6
Second Ignition	white	+	ignition switch, white 8 pin plug, pin 4
Accessory	lt. blue	+	ignition switch, white 8 pin plug, pin 3
Ignition Interrupt	Yellow	Cut	Dash Fuse Box, white 36 pin plug (3D), pin 20
Keysense	brown (required for remote start)	+	Body ECU on dash fuse box, white 30 pin plug, pin 22
CAN Bus High	Black/Yellow	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Lt. Green	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Pink	Data	Body ECU on dash fuse box, white 30 pin plug, pin 14
CAN Bus Low 2	Lt. Green	Data	Body ECU on dash fuse box, white 30 pin plug, pin 13
OBD 12 Volts	White/Black (7.5A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Black/Yellow	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Ignition	Blue/Yellow	+	OBD-Data Link Connector, black 16 pin plug, pin 8
OBD Connector	Black		Under Driver Dash, Right of Steering Column
RX DATA	lt. green	data	Body ECU on dash fuse box, white 28 pin plug, pin 5

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Item	Wire Color	Polarity	Wire Location
TX DATA	white	data	Body ECU on dash fuse box, white 28 pin plug, pin 15
IMMO Data	yellow (IMO)	data	Body ECU on dash fuse box, white 28 pin plug, pin 9
RDA	violet	data	Body ECU on dash fuse box, white 18 pin plug, pin 7
Power Lock	blue		driver kick, white 22 pin plug, pin 16
Power Unlock	pink		driver kick, white 22 pin plug, pin 15
Lock Motor	red	5 wire	driver kick, white 10 pin plug, pin 2
Driver Unlock Motor	lt. green	5 wire	driver kick, white 10 pin plug, pin 3
Passenger Unlock Motor	lt. green	5 wire	passenger kick, white 10 pin plug, pin 3
Parking Lights	red	+	driver kick, white 48 pin plug, pin 7
Parking Lights -	tan	-	Body ECU on dash fuse box, white 30 pin plug, pin 25
Hazards	white	-	turn signal flasher next to steering column, white 8 pin plug, pin 8
Turn Signal (Left)	yellow/green	+	driver kick, white 48 pin plug, pin 23
Turn Signal (Right)	white	+	driver kick, white 48 pin plug, pin 22
Headlight	white	-	Body ECU on dash fuse box, white 30 pin plug, pin 2
AutoLights	lt. blue	cut	Body ECU on dash fuse box, white 30 pin plug, pin 23
Reverse Light	pink	+	driver kick, white 48 pin plug, pin 5
Left Front Door Trigger	yellow/black	-	driver kick, white 48 pin plug, pin 18
Right Front Door Trigger	lt. green	-	passenger kick, white 14 pin plug, pin 3
Dome Light	blue	-	Body ECU on dash fuse box, white 30 pin plug, pin 7
Trunk/Hatch Pin	white/black	-	driver kick, white 48 pin plug, pin 19

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Item	Wire Color	Polarity	Wire Location
Trunk/Hatch Release	blue	-	Body ECU on dash fuse box, white 18 pin plug, pin 16
Trunk Release Motor	brown	5 wire	driver kick, white 48 pin plug, pin 4
Tachometer	green/white (option 1)	ac	camshaft position sensor, engine passenger side, gray 3 pin plug, pin 2
Tachometer 2	pink, pink/blue, pink/black, or pink/green (option 2)	ac	ECM behind the glove box, white 34 pin plug (D), pin 12, 22, 32, or 13
Neutral Safety	green/black (M/T)	-	ECM behind glove box, white 31 pin plug, pin 16
Clutch Pedal	yellow/pink	+	clutch switch, white 2 pin plug, pin 2
Fuel Pump	red	+	passenger kick, white 10 pin plug, pin 8
Rear Defroster	white	- latched	Body ECU on dash fuse box, white 28 pin plug, pin 24
Mirror Defroster	(same as rear defroster)		
Left Front Heated Seat	red	5 wire	driver kick, white 48 pin plug, pin 1
Right Front Heated Seat	lt. green	5 wire	passenger kick, white 10 pin plug, pin 6
Speed Sense	pink/green	ac	radio, white 28 pin plug, pin 17
Brake Wire	lt. green	+	driver kick, white 48 pin plug, pin 6
Parking Brake	gray	-	dash fuse box, white 36 pin plug (3D), pin 29
Horn Trigger	blue	-	dash fuse box, white 36 pin plug (3D), pin 32
Wipers	black/blue (LO); red/blue (HI); yellow/red (ignit)	+	wiper switch, white 10 pin plug, pins 3, 4, 2
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	(motor is part of module)		
Radio 12V	orange	+	radio, white 10 pin plug, pin 4
Radio Ground	black/blue	-	radio, white 10 pin plug, pin 7
Radio Ignition	red	+	radio, white 10 pin plug, pin 3
Radio Illumination	violet (parking lights); black/white (dimmer)	+,-	radio, white 10 pin plug, pin 10; white 6 pin plug, pin 5

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Item	Wire Color	Polarity	Wire Location
Factory Amp Turn-on	brown (front door woofer amp)	+	radio, white 10 pin plug, pin 9
Power Antenna	pink	+	radio, white 10 pin plug, pin 8
Left Front Speaker (+/-)	black - yellow	+,-	radio, white 10 pin plug, pins 2 - 6
Right Front Speaker (+/-)	white/blue - black/blue	+,-	radio, white 10 pin plug, pins 1 - 5
Left Rear Speaker (+/-)	violet - pink	+,-	radio, white 6 pin plug, pins 2 - 6
Right Rear Speaker (+/-)	yellow - black	+,-	radio, white 6 pin plug, pins 1 - 3
Subwoofer (+/-)	(front door woofer amp uses LF-RF spkrs for input)		
Aux. Audio Input Left (+/-)	blue/yellow - blue/orange	+,-	radio, white 28 pin plug, pins 28 - 27
Aux. Audio Input Right (+/-)	white/blue - blue/orange	+,-	radio, white 28 pin plug, pins 26 - 27
Satellite Radio 12 Volts	(built into radio)		

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What Fits

Item	Size	Depth	Location
Headunit	double DIN		center of dash
Left Front Speaker	6.3		left front door
Left Front Tweeter	1.0 (tweeter); 3.5 (midrange)		left front dash
Right Front Speaker	6.3		right front door
Right Front Tweeter	1.0 (tweeter); 3.5 (midrange)		right front dash
Left Rear Speaker	3.5		left rear side panel
Right Rear Speaker	3.5		right rear side panel
Satellite Radio Tuner	(built into radio)		