

2014 Subaru Forester



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	yellow (40A) (common)	+	ignition switch, white 8 pin plug, pin 4
Second 12 Volts	yellow (40A) (common)	+	ignition switch, white 8 pin plug, pin 5
Starter	brown	+	ignition switch, white 8 pin plug, pin 3
Second Starter	white	+	ignition switch, white 8 pin plug, pin 7
Ignition	green	+	ignition switch, white 8 pin plug, pin 1
Second Ignition	pink	+	ignition switch, white 8 pin plug, pin 6
Third Ignition	N/A		
Accessory	red	+	ignition switch, white 8 pin plug, pin 2
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	black/white	+	key switch, white 2 pin plug, pin 2
Data Bus	red/green or red/yellow (immobilizer serial comm)	data	BIU behind dash fuse box, white 34 pin plug (A), pin 31
Can Bus High	red	data	data link connector, black or white 16 pin plug, pin 6
Can Bus Low	blue	data	data link connector, black or white 16 pin plug, pin 14
Can Bus Sw	green (keyless entry serial communication)	data	BIU behind dash fuse box, white 31 pin plug (D), pin 11
Power Lock	lt. blue	-	driver kick, white 28 pin plug, pin 15
Power Unlock	blue/black	-	driver kick, white 28 pin plug, pin 16
Lock Motor	white	5 wire	driver kick, white 28 pin plug, pin 17
Unlock Motor	red/green	5 wire	driver kick, white 28 pin plug, pin 18
Disarm Defeat	red/yellow	5 wire	driver kick, white 19 pin plug, pin 7
Parking Lights (+)	lt. blue	+	dash fuse box, white 20 pin plug, pin 12
Parking Lights (-)	lt. green	-	headlight switch, white 20 pin plug, pin 18
Hazards	white/green	-	left of steering column, white 20 pin plug, pin 13
Turn Signal (Left)	white/red	+	dash fuse box, white 20 pin plug, pin 20
Turn Signal (Right)	red or green/red	+	dash fuse box, white 20 pin plug, pin 3

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white/green	-	headlight switch, white 20 pin plug, pin 20
AutoLights	pink (interrupt to turn off autolights)	-	headlight switch, white 20 pin plug, pin 19
Reverse Light	brown/yellow	+	driver kick, white 14 pin plug, pin 14
Left Front Door Trigger	red	-	driver kick, white 19 pin plug, pin 10
Right Front Door Trigger	white/red	-	BIU behind dash FB, white 35 pin plug (C), pin 13
Left Rear Door Trigger	yellow to green	-	driver kick, white 19 pin plug, pin 15
Right Rear Door Trigger	white	-	BIU behind dash FB, white 35 pin plug (C), pin 25
Dome Supervision	brown	-	BIU behind dash fuse box, white 35 pin plug (C), pin 4
Trunk/Hatch Pin	brown	-	BIU behind dash fuse box, white 35 pin plug (C), pin 33
Rear Glass Pin	N/A		
Hood Pin	yellow/black (with remote start only)	-	Remote Start Module above brake pedal, white 4 pin plug, pin 4
Trunk Hatch/Release	blue (rear handle sw); brown/white (pwr liftgate)	-; +	BIU, white 35 pin plug (C), pin 10; pwr liftgate sw, wht 6 pin plg, pin 1
Trunk Release Motor	black/blue (without power liftgate)	5 wire	BIU behind dash fuse box, white 31 pin plug (D), pin 7
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	(arms on lock with door open)		
Factory Alarm Disarm	(see disarm no unlock)		
Disarm No Unlock	(transponder, ignition, and keysense)		
Trunk Alarm Shunt	N/A		
Tachometer	pink, pink/blue, pink/blk, or pink/grn (non-turbo)	ac	ECM behind glove box, white 34 pin plug, pin 12, 22, 32, or 13
Wait to Start	N/A		
Neutral Safety	red/green (M/T)	-	ECM behind glove box, white 31 pin plug, pin 16
Clutch Pedal	pink	+	clutch switch, white 2 pin plug, pin 2
Fuel Pump	red/black	+	passenger kick, white 14 pin plug, pin 4
Rear Defroster	purple/green	- latched	BIU behind dash fuse box, white 34 pin plug (A), pin 26
Mirror Defroster	(mirror same as rear defrost); blue (wiper deicer)	- latched	BIU behind dash fuse box, white 31 pin plug (D), pin 9
Left Front Heated Seat	red (LO)	5 wire	left seat heater switch, white 6 pin plug, pin 5
Right Front Heated Seat	blue (LO)	5 wire	right seat heater switch, brown 6 pin plug, pin 5

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	-	dash fuse box, white 20 pin plug, pin 13
Horn Trigger	red (non-turbo); yellow (turbo)	-	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 - lt. green/red	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)	white - blue (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	lt. blue	+	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 (+/-)	red/yellow - white/black or black - green	+,-	radio, white 20 pin plug, pins 8 - 7 or white 10 pin plug, pins 2 - 6
Right Front Speaker (+/-)	brown/white - green or red - white	+,-	radio, white 20 pin plug, pins 18 - 17 or white 10 pin plug, pins 1 - 5
Left Rear Speaker (+/-)	white/red - red/black or black - white	+,-	radio, white 20 pin plug, pins 6 - 5 or white 6 pin plug, pins 2 - 6
Right Rear Speaker (+/-)	green - red/white or red - green	+,-	radio, white 20 pin plug, pins 16 - 15 or white 6 pin plug, pins 1 - 3
Center Channel (+/-)	N/A		
Subwoofer (+/-)	N/A		
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			left front door
Left Front Tweeter			left front dash
Right Front Speaker			right front door
Right Front Tweeter			right front dash
Left Rear Speaker			left rear door
Left Rear Tweeter			left rear door
Right Rear Speaker			right rear door
Right Rear Tweeter			right rear door
Center Channel	N/A		
Subwoofer	N/A		
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio)		

Additional Wiring Notes

Item	Note
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are green - brown (woofer); white/blue - black/blue (tweeter) at the amplifier under driver seat, white 12 pin plug, pins 12 - 5; 3 - 9.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are white/red - black/red (woofer); yellow - black (tweeter) at the amplifier under driver seat, white 12 pin plug, pins 10 - 4; 1 - 2.
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are blue/white - green (woofer); green/yellow - purple (tweeter) at the amplifier under driver seat, white 10 pin plug, pins 10 - 4; 2 - 6.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are blue - pink (woofer); yellow - lt. green (tweeter) at the amplifier under driver seat, white 10 pin plug, pins 3 - 9; 8 - 7.
Radio Illumination	On models with navigation, they are at the radio, white 10 pin plug, pin 10; white 6 pin plug, pin 5.
Tachometer	On turbo models, use green/red or green/white (intake camshaft position sensor) at the ECM on passenger fender, black 48 pin plug, pin 21 or 20.