

2011 Nissan Rogue



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	blue (40A)	+	ignition switch, white 6 pin plug, pin 3
Second 12 Volts	N/A		
Starter	red	+	ignition switch, white 6 pin plug, pin 2
Second Starter	N/A		
Ignition	pink	+	ignition switch, white 6 pin plug, pin 1
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	pink	+	ignition switch, white 6 pin plug, pin 4
Second Accessory	brown	+	ignition switch, white 6 pin plug, pin 5
Third Accessory	N/A		
Key Sense	lt. green	+	ignition key switch, brn 2 pin plug, pin 1 or gry 6 pin plug, pin 1
Data Bus	green (clock), brown (data)	data	NATS ant amp or BCM bhnd glv box, wht 40 pin plug, pins 21, 25
Can Bus High	blue	data	data link conn or BCM bhnd glove box, white 40 pin plug, pin 39
Can Bus Low	pink	data	data link conn or BCM bhnd glove box, white 40 pin plug, pin 40
Can Bus Sw	N/A		
Power Lock	pink	-	driver kick or BCM behind glove box, white 15 pin plug, pin 5
Power Unlock	brown	-	driver kick or BCM behind glove box, white 15 pin plug, pin 6
Lock Motor	purple	5 wire	driver kick or BCM behind glove box, black 15 pin plug, pin 10
Unlock Motor	blue	5 wire	driver kick or BCM behind glove box, black 15 pin plug, pin 4
Disarm Defeat	green	5 wire	driver kick or BCM behind glove box, black 15 pin plug, pin 11
Parking Lights (+)	red	+	driver kick junction box, white 100 pin plug, pin 7
Parking Lights (-)	N/A		
Hazards	white	-	hazard switch or BCM bhnd glove box, white 40 pin plug, pin 29
Turn Signal (Left)	brown	+	driver kick or BCM behind glove box, black 15 pin plug, pin 5
Turn Signal (Right)	gray	+	passenger kick or BCM behind glove box, black 15 pin plug, pin 6

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	blue (L), lt. blue (R)	+	headlights or underhood fuse box, brown 8 pin plug, pins 4 and 6
AutoLights	N/A		
Reverse Light	green	+	driver kick, harness to rear
Left Front Door Trigger	white	-	driver kick or BCM behind glove box, white 15 pin plug, pin 7
Right Front Door Trigger	pink	-	passenger kick or BCM, white 40 pin plug, pin 12
Left Rear Door Trigger	gray	-	driver kick or BCM, white 15 pin plug, pin 8
Right Rear Door Trigger	lt. green	-	passenger kick or BCM, white 40 pin plug, pin 13
Dome Supervision	red	-	driver A pillar or BCM behind glove box, black 15 pin plug, pin 8
Trunk/Hatch Pin	purple	-	driver kick or BCM behind glove box, white 15 pin plug, pin 3
Rear Glass Pin	N/A		
Hood Pin	white	-	hood switch or underhood fuse box, white 12 pin plug, pin 12
Trunk Hatch/Release	green (rear handle switch)	-	driver kick or BCM behind glove box, white 40 pin plug, pin 30
Trunk Release Motor	purple	5 wire	driver kick or BCM behind glove box, white 15 pin plug, pin 13
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	red (driver door key lock)	-	driver kick or BCM behind glove box, white 40 pin plug, pin 8
Factory Alarm Disarm	blue (driver door key unlock)	double -	driver kick or BCM behind glove box, white 40 pin plug, pin 7
Disarm No Unlock	see factory alarm disarm		
Trunk Alarm Shunt	N/A		
Tachometer	gray, brown, lt. green, or pink	ac	any fuel injector, gray 2 pin plug, pin 2
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	brown	+	driver kick junction box, white 100 pin plg, pin 1
Rear Defroster	lt. blue	-	BCM behind glove box, white 40 pin plug, pin 10
Mirror Defroster	same as rear defroster		
Left Front Heated Seat	white	5 wire	left front heated seat switch, white 6 pin plug, pin 2
Right Front Heated Seat	lt. blue	5 wire	right front heated seat switch, brown 6 pin plug, pin 2

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	yellow or blue	2or8-Pulse	instrument cluster, white 40 pin plug, pin 30 or 31
Brake Wire	yellow or red	+	driver kick or BCM behind glove box, white 40 pin plug, pin 9
Parking Brake	purple	-	driver kick junction box, white 100 pin plug, pin 15
Horn Trigger	gray	-	driver kick junction box, white 100 pin plug, pin 11
Wipers	green (L), blue (H)	+	wiper motor or underhood fuse box, brn 12 pin plug, pins 9 and 8
Left Front Window (Up/Down)	brown - gray	A	power window main switch, white 16 pin plug, pins 8 and 11
Right Front Window (Up/Down)	white - lt. blue	A	driver kick, door harness
Left Rear Window (Up/Down)	gray - red	A	driver kick, door harness
Right Rear Window (Up/Down)	lt. green - yellow	A	driver kick, door harness
Sun Roof (Open/Close)	green - red (function with ignition on only)	-	sunroof switch, white 3 pin plug, pins 1 and 3
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	yellow	+	radio, white 20 pin plug, pin 19
Radio Ground	(chassis) (base audio), black (except base audio)	-	radio, white 20 pin plug, pin 20
Radio Ignition	lt. blue	+	radio, white 20 pin plug, pin 7
Radio Illumination	red (parking lights), yellow (dimmer)	+,-	radio, white 20 pin plug, pins 9 and 8
Factory Amp Turn-on	brown	+	radio, white 20 pin plug, pin 1
Power Antenna		+	radio, gray 3 pin plug, pin 1
Left Front Speaker (+/-)	red - green	+,-	radio, white 20 pin plug, pins 2 and 3
Right Front Speaker (+/-)	orange - white	+,-	radio, white 20 pin plug, pins 11 and 12
Left Rear Speaker (+/-)	purple - lt. green	+,-	radio, white 20 pin plug, pins 4 and 5
Right Rear Speaker (+/-)	blue - pink	+,-	radio, white 20 pin plug, pins 13 and 14
Center Channel (+/-)	purple - orange	+,-	amplifier in cargo floor right side, brown 23 pin plug, pins 1 and 14
Subwoofer (+/-)	yellow - brown	+,-	amplifier in cargo floor right side, brown 14 pin plug, pins 9 and 14
Aux. Audio Input Left (+/-)	red - white (iPod audio)	+,-	radio, white 8 pin plug, pins 1 and 5
Aux. Audio Input Right (+/-)	black - green (iPod audio)	+,-	radio, white 8 pin plug, pins 3 and 7
RSE Video (+/-)	white - (shield) (rear view camera)	+,-	radio, 32P plug, pins 2-1 or 24P plug, pins 21-22
RSE Audio Left (+/-)	blue - red (satellite audio)	+,-	radio, white 12 pin plug, pins 1 and 5
RSE Audio Right (+/-)	white - green (satellite audio)	+,-	radio, white 12 pin plug, pins 2 and 6
Satellite Radio 12 Volts	brown	+	Sat Radio in LR qrtr panel, wht 16 pin plg, pin 12
Satellite Radio Ground	(chassis)		
Satellite Radio Ignition	lt. blue	+	Sat Radio in LR qrtr panel, wht 16 pin plg, pin 16
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	blue - red	+,-	Satellite Radio, white 16 pin plug, pins 2 and 1
Satellite Audio Right (+/-)	white - green	+,-	Satellite Radio, white 16 pin plug, pins 4 and 3

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6 x 9		left front door
Left Front Tweeter			left front dash
Right Front Speaker	6 x 9		right front door
Right Front Tweeter			right front dash
Left Rear Speaker	6.5		left rear door
Left Rear Tweeter	N/A		
Right Rear Speaker	6.5		right rear door
Right Rear Tweeter	N/A		
Center Channel			top center of dash
Subwoofer			spare tire well
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner	(built into radio on models with navigation)		left rear quarter panel

Additional Wiring Notes

Item	Note
Data Bus	The security light is black (-) at the BCM behind glove box, white 40 pin plug, pin 23.
Key Sense	On models with Intelligent Key, the ignition knob push switch is green (+) at the ignition knob switch, gray 6 pin plug, pin 3.
Speed Sense	The yellow wire may not be present on vehicles without sunroof. The blue wire may not be present on vehicles with base audio system. The blue wire is also found at the radio, white 20 pin plug, pin 18.
Left Front Speaker (+/-)	On models with amplifier, the speaker wires are black - pink at the amplifier in cargo floor right side, brown 14 pin plug, pins 4 and 5. The tweeter wires are brown - gray at the amplifier, brown 14 pin plug, pins 6 and 7.
Right Front Speaker (+/-)	On models with amplifier, the speaker wires are green - red at the amplifier in cargo floor right side, brown 14 pin plug, pins 8 and 13. The tweeter wires are orange - white at the amplifier, brown 23 pin plug, pins 23 and 13.
Left Rear Speaker (+/-)	On models with amplifier, the speaker wires are blue - red at the amplifier in cargo floor right side, brown 14 pin plug, pins 1 and 10.
Right Rear Speaker (+/-)	On models with amplifier, the speaker wires are gray - yellow at the amplifier in cargo floor right side, brown 14 pin plug, pins 2 and 3.
Subwoofer (+/-)	The subwoofer amp turn-on is green (+) at the amplifier, brown 23 pin plug, pin 11.
Aux. Audio Input Left (+/-)	On models with navigation, the aux. audio wires are white - red at the radio, 8 pin plug, pins 5 and 7.
Aux. Audio Input Right (+/-)	On models with navigation, the aux. audio wires are green - red at the radio, 8 pin plug, pins 6 and 7.