

2012 Nissan NV



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	green (40A)	+	ignition switch, white 6 pin plug, pin 3
Second 12 Volts	N/A		
Starter	yellow	+	ignition switch, white 6 pin plug, pin 2
Second Starter	N/A		
Ignition	blue	+	ignition switch, white 6 pin plug, pin 1
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	red	+	ignition switch, white 6 pin plug, pin 4
Second Accessory	purple	+	ignition switch, white 6 pin plug, pin 5
Third Accessory	N/A		
Key Sense	brown	+	ignition key sw or BCM bhnd instr cluster, white 40 pin plug, pin 37
Data Bus	green (clock), brown (data)	data	NATS ant amp or BCM bhnd instr cluster, wht 40 pin plg, pins 21, 25
Can Bus High	blue	data	data link conn or BCM behind instr cluster, white 40 pin plug, pin 39
Can Bus Low	pink	data	data link conn or BCM behind instr cluster, white 40 pin plug, pin 40
Can Bus Sw	N/A		
Power Lock	gray	-	driver kick or BCM behind instr cluster, white 15 pin plug, pin 5
Power Unlock	red	-	driver kick or BCM behind instr cluster, white 15 pin plug, pin 6
Lock Motor	green	5 wire	driver kick or BCM behind instr cluster, black 15 pin plug, pin 10
Unlock Motor	white	5 wire	driver kick or BCM behind instr cluster, black 15 pin plug, pin 4
Disarm Defeat	yellow	5 wire	passenger kick or BCM behind instr cluster, black 15 pin plug, pin 11
Parking Lights (+)	red	+	driver kick, white 4 pin plug, pin 3
Parking Lights (-)	N/A		
Hazards	orange	-	hazard switch or BCM behind instr cluster, white 40 pin plug, pin 29
Turn Signal (Left)	yellow	+	driver kick or BCM behind instr cluster, black 15 pin plug, pin 5
Turn Signal (Right)	green	+	passenger kick or BCM behind instr cluster, black 15 pin plug, pin 6

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	blue (L), purple (R)	+	headlights or underhood fuse box, brown 8 pin plug, pins 4, 6
AutoLights	N/A		
Reverse Light	orange	+	driver kick, white 4 pin plug, pin 4
Left Front Door Trigger	lt. blue	-	driver kick or BCM behind instr cluster, white 15 pin plug, pin 7
Right Front Door Trigger	orange	-	pss kck or BCM bhnd cluster, wh 40 pin plg, pin 12
Left Rear Door Trigger	N/A		
Right Rear Door Trigger	orange (sliding door, left/right back door lower)	-	pss kick or BCM bhnd cluster, wh 15 pin plg, pin 8
Dome Supervision	blue	-	driver A pillar or BCM behind instr cluster, black 15 pin plug, pin 8
Trunk/Hatch Pin	gray (right back door upper)	-	driver A pillar or BCM behind instr cluster, white 40 pin plug, pin 13
Rear Glass Pin	N/A		
Hood Pin	N/A		
Trunk Hatch/Release	locks/unlocks along with doors		
Trunk Release Motor	N/A		
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	lt. blue (driver door key lock)	-	driver kick or BCM behind instr cluster, white 40 pin plug, pin 8
Factory Alarm Disarm	yellow (driver door key unlock)	double -	driver kick or BCM behind instr cluster, white 40 pin plug, pin 7
Disarm No Unlock	see factory alarm disarm		
Trunk Alarm Shunt	N/A		
Tachometer	NOT white or white/green	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	red	+	underhood fuse box, white 16 pin plug, pin 11
Rear Defroster	brown	-	rear defog sw or BCM behind instr cluster, white 40 pin plug, pin 10
Mirror Defroster	same as rear defroster		
Left Front Heated Seat	gray	5 wire	left front heated seat switch, white 6 pin plug, pin 2
Right Front Heated Seat	gray	5 wire	right front heated seat switch, brown 6 pin plug, pin 2

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	pink (mid and premium audio only)	8-Pulse	radio, white 20 pin plug, pin 18
Brake Wire	lt. green	+	driver kick, white 4 pin plug, pin 2 or BCM, white 40 pin plug, pin 9
Parking Brake	green	-	parking brake switch, black 1 pin plug, pin 1
Horn Trigger	white	-	driver kick, white 16 pin plug, pin 14
Wipers	blue (L), lt. blue (H)	+	wiper motor or underhood fuse box, brown 12 pin plug, pins 8, 11
Left Front Window (Up/Down)	red - yellow	A	power window main switch, white 16 pin plug, pins 8 and 11
Right Front Window (Up/Down)	purple - green	A	driver kick, white 12 pin plug, pins 10 and 11
Left Rear Window (Up/Down)	N/A		
Right Rear Window (Up/Down)	N/A		
Sun Roof (Open/Close)	N/A		
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	black	-	radio, white 20 pin plug, pin 20
Radio Ignition	orange	+	radio, white 20 pin plug, pin 7
Radio Illumination	purple (parking lights), brown (dimmer)	+,-	radio, white 20 pin plug, pins 9 and 8
Factory Amp Turn-on	N/A		
Power Antenna	N/A		
Left Front Speaker (+/-)	blue - white	+,-	radio, white 20 pin plug, pins 2 and 3
Right Front Speaker (+/-)	red - green	+,-	radio, white 20 pin plug, pins 11 and 12
Left Rear Speaker (+/-)	blue - white	+,-	radio, white 20 pin plug, pins 4 and 5
Right Rear Speaker (+/-)	red - green	+,-	radio, white 20 pin plug, pins 13 and 14
Center Channel (+/-)	N/A		
Subwoofer (+/-)	N/A		
Aux. Audio Input Left (+/-)		+,-	radio, gray 8 pin plug, pins 2 and 6
Aux. Audio Input Right (+/-)		+,-	radio, gray 8 pin plug, pins 4 and 6
RSE Video (+/-)	white - gray (rear view camera video)	+,-	radio, white 24 pin plug, pins 16 and 15
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		

DirectWire Vehicle Information - 6/24/2013 12:55:47 AM			
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	6.5		left front door
Left Front Tweeter			left front dash
Right Front Speaker	6.5		right front door
Right Front Tweeter			right front dash
Left Rear Speaker	6 x 9		left rear quarter panel
Left Rear Tweeter	N/A		
Right Rear Speaker	6 x 9		right rear quarter panel
Right Rear Tweeter	N/A		
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)		