

2006 Nissan Murano



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	green (40A)	+	ignition switch, white 6 pin plug, pin 1
Second 12 Volts	N/A		
Starter	black/red	+	ignition switch, white 6 pin plug, pin 5
Second Starter	black/yellow	+	ignition switch, white 6 pin plug, pin 6
Ignition	black/red	+	ignition switch, white 6 pin plug, pin 3
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	red	+	ignition switch, white 6 pin plug, pin 4
Second Accessory	white/blue	+	ignition switch, white 6 pin plug, pin 2
Third Accessory	N/A		
Key Sense	red/blue to black/red (required)	+	ignition key switch or BCM, white 40 pin plug, pin 37
Data Bus	brown/white (power window switch communication)	data	BCM, white 40 pin plug, pin 22
Can Bus High	blue	data	data link conn, wht 16 pin plg, pin 6 or BCM, wht 40 pin plg, pin 39
Can Bus Low	yellow	data	data link conn, wht 16 pin plg, pin 14 or BCM, wht 40 pin plg, pin 40
Can Bus Sw	N/A		
Power Lock	use factory alarm arm or insert pin	-	BCM, white 40 pin plug, pin 8
Power Unlock	use factory alarm disarm or insert pin	-	BCM, white 40 pin plug, pin 7
Lock Motor	purple	5 wire	BCM, black 15 pin plug, pin 10
Unlock Motor	green/white	5 wire	BCM, black 15 pin plug, pin 4
Disarm Defeat	green/yellow	5 wire	BCM, black 15 pin plug, pin 11
Parking Lights (+)	red/blue	+	above driver kick, gray 16 pin plug, pin 14
Parking Lights (-)	N/A		
Hazards	green/red	-	BCM, white 40 pin plug, pin 29
Turn Signal (Left)	green/black	+	BCM, black 15 pin plug, pin 5
Turn Signal (Right)	green/yellow	+	BCM, black 15 pin plug, pin 6

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	blue (L), red/yellow (R)	+	underhood fuse box, gray 16 pin plug, pins 14 and 4
AutoLights	green/yellow	-	BCM, white 40 pin plug, pin 33
Reverse Light	green/white	+	above driver kick, white 24 pin plug, pin 5
Left Front Door Trigger	lt. blue	-	BCM, white 15 pin plug, pin 7
Right Front Door Trigger	red or red/green	-	BCM, white 40 pin plug, pin 12
Left Rear Door Trigger	red/white	-	BCM, white 15 pin plug, pin 8
Right Rear Door Trigger	red/yellow or red/white	-	BCM, white 40 pin plug, pin 13
Dome Supervision	red	-	BCM, black 15 pin plug, pin 8
Trunk/Hatch Pin	purple/white	-	BCM, white 15 pin plug, pin 3
Rear Glass Pin	N/A		
Hood Pin	N/A		
Trunk Hatch/Release	green/orange or green (rear handle switch)	-	above dr kick, wht 24 pin plg, pin 12 or BCM, wht 40 pin plg, pin 30
Trunk Release Motor	green/red	+	hatch release relay in driver kick
Fuel Door Release	locks/unlocks along with driver door		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	blue (driver door key lock)	-	power window main switch, white 16 pin plug, pin 4
Factory Alarm Disarm	red (driver door key unlock)	double -	power window main switch, white 16 pin plug, pin 6
Disarm No Unlock	see factory alarm disarm		
Trunk Alarm Shunt	N/A		
Tachometer	red/green (fuel injector 6)	ac	fuel injector 6 or ECM behind glove box, blk 81 pin plug, pin 40
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	black/yellow	+	above driver kick, white 4 pin plug, pin 1
Rear Defroster	green/white	-	BCM, white 40 pin plug, pin 9
Mirror Defroster	same as rear defroster		
Left Front Heated Seat	gray	5 wire	driver heated seat switch, white 6 pin plug, pin 2
Right Front Heated Seat	gray/blue	5 wire	passenger heated seat switch, brown 6 pin plug, pin 2

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	purple/white	8-Pulse	Unified Meter and A/C Amp below radio, gray 16 pin plug, pin 6
Brake Wire	red/green	+	above driver kick, gray 16 pin plug, pin 6
Parking Brake	green	-	above driver kick, white 32 pin plug, pin 25
Horn Trigger	green/orange	-	above driver kick, white 32 pin plug, pin 6
Wipers	blue (L), blue/black (H)	+	underhood fuse box, gray 16 pin plug, pins 5 and 15
Left Front Window (Up/Down)	use factory alarm arm/disarm		
Right Front Window (Up/Down)	see left front window		
Left Rear Window (Up/Down)	blue - red/yellow	A	driver kick, door harness, white 39 pin plug, pins 37 and 33
Right Rear Window (Up/Down)	yellow/black - red	A	driver kick, door harness, white 39 pin plug, pins 38 and 34
Sun Roof (Open/Close)	pur - org (tilt up/dn) (function with ign on only)	-	sunroof switch, gray 6 pin plug, pins 5 and 4
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	lt. green/black	-	memory module left of column, white 32 pin plug, pin 9
Memory Seat 2	pink/blue	-	memory module left of column, white 32 pin plug, pin 25
Memory Seat 3	N/A		
Radio 12V	yellow	+	radio harness
Radio Ground	(chassis)		
Radio Ignition	pink/black	+	radio harness
Radio Illumination	red/blue	+	radio harness
Factory Amp Turn-on	green/white	+	radio harness
Power Antenna	green	+	radio harness
Left Front Speaker (+/-)	white - black	+,-	radio harness
Right Front Speaker (+/-)	yellow - brown	+,-	radio harness
Left Rear Speaker (+/-)	orange - black/pink	+,-	radio harness
Right Rear Speaker (+/-)	blue - black/white	+,-	radio harness
Center Channel (+/-)			
Subwoofer (+/-)			
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			

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DirectWire Vehicle RSE Audio Right (+/-)	Information - 5/14/2013 5:12:14 AM		
Satellite Radio 12 Volts			
Satellite Radio Ground			
Satellite Radio Ignition			
Satellite Radio Antenna			
Satellite Audio Left (+/-)			
Satellite Audio Right (+/-)			

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What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6 x 9	3	left front door
Left Front Tweeter			
Right Front Speaker	6 x 9	3	right front door
Right Front Tweeter			
Left Rear Speaker	6.5	3	left rear door
Left Rear Tweeter			
Right Rear Speaker	6.5	3	right rear door
Right Rear Tweeter			
Center Channel			
Subwoofer			
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			

Additional Wiring Notes

Item	Note
Can Bus High	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal. The security light is green/orange (-) at the BCM, white 40 pin plug, pin 23.
Can Bus Low	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Trunk Hatch/Release	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Driver Unlock Motor	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Passenger Unlock Motor	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Hazards	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Turn Signal (Left)	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Turn Signal (Right)	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
AutoLights	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Left Front Door Trigger	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Right Front Door Trigger	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Left Rear Door Trigger	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Right Rear Door Trigger	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Dome Supervision	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Trunk/Hatch Pin	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Rear Defroster	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Key Sense	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal. On vehicles with Intelligent Key, the ignition knob switch is green/orange (+) at the ignition knob switch, gray 6 pin plug, pin 2.
Data Bus	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Power Lock	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Power Unlock	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.
Lock Motor	The BCM (Body Control Module) is under the driver dash, above the accelerator pedal.