2008 Nissan Altima

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	white/black (40A)	+	BCM, black 3 pin plug, pin 1
Second 12 Volts	white (100A)	+	fuse box under driver dash, rear, 1 pin plug
Starter	brown	-	push-button ignition switch, pin 4 or BCM, black 40 pin plug, pin 18
Second Starter	N/A		
Ignition	green (not for remote start)	+	BCM, green plug, pin 12
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	purple/yellow (not for remote start)	+	BCM, green plug, pin 11
Second Accessory	N/A		
Third Accessory	N/A		
Key Sense	yellow	+	key slot, pin 11 or BCM, green plug, pin 10
Data Bus	yellow/green (door lock data bus)	data	driver kick or BCM, green plug, pin 21
Can Bus High	blue	data	data link connector, pin 6 or BCM, black 40 pin plug, pin 20
Can Bus Low	pink	data	data link connector, pin 14 or BCM, black 40 pin plug, pin 19
Can Bus Sw	N/A		
Power Lock	gray	-	driver kick or BCM, green plug, pin 17
Power Unlock	gray/red	-	driver kick or BCM, green plug, pin 20
Lock Motor	purple	5 wire	driver kick or BCM, white 16 pin plug, pin 5
Unlock Motor	green	5 wire	driver kick or BCM, white 16 pin plug, pin 6
Disarm Defeat	green/yellow	5 wire	passenger kick or BCM, white 16 pin plug, pin 2
Parking Lights (+)	blue/red or red/blue	+	driver kick or fuse box, rear, brown 12 pin plug, pin 4
Parking Lights (-)	N/A		
Hazards	green/orange	-	hazard switch, pin 2 or BCM, black 40 pin plug, pin 39
Turn Signal (Left)	green/yellow	+	driver kick or BCM, white 16 pin plug, pin 15
Turn Signal (Right)	green/black	+	driver kick or BCM, white 16 pin plug, pin 14

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	blue (L), red/yellow (R)	+	headlights or IPDM E/R, white 8 pin plug, pins 2 (L) and 1 (R)
AutoLights			
Reverse Light	pink/black	+	driver kick, harness to rear
Left Front Door Trigger	lt. blue	-	driver kick or BCM, green plug, pin 39
Right Front Door Trigger	red/black	-	passenger kick or BCM, green plug, pin 13
Left Rear Door Trigger	red/black	-	driver kick or BCM, gray plug, pin 38
Right Rear Door Trigger	red/white	-	passenger kick or BCM, gray plug, pin 37
Dome Supervision	white to yellow	-	driver A pillar or BCM, white 16 pin plug, pin 16
Trunk/Hatch Pin	yellow/green	-	driver kick or BCM, gray plug, pin 19
Rear Glass Pin	N/A		
Hood Pin	N/A		
Trunk Hatch/Release	blue/red	-	release switch or BCM, gray plug, pin 36
Trunk Release Motor	purple	5 wire	driver kick or BCM, white 12 pin plug, pin 4
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	blue/black	-	power window main switch, white 16 pin plug, pin 4
Factory Alarm Disarm	blue/red (double pulse)	-	power window main switch, white 16 pin plug, pin 6
Disarm No Unlock			
Trunk Alarm Shunt	N/A		
Tachometer	purple/white	ac	ECM, black 32 pin plug, pin 14
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	green/white (in) and red/black (out)	+ N.O.	clutch pedal switch
Fuel Pump	white or lt. blue	+	driver kick, harness to rear
Rear Defroster	green/red	- latched	BCM, green plug, pin 40
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	instrument cluster, white 40 pin plug, pin 31
Brake Wire	red/green to orange/blue	+	brake pedal switch or BCM, green plug, pin 7
Parking Brake	green/red	-	parking brake switch or instrument cluster, white 40 pin plug, pin 26
Horn Trigger	blue/white or blue/orange	-	horn switch, gray 8 pin plug, pin 8
Wipers	blue/red (L), blue/black (H)	+	wiper motor or IPDM E/R, white 36 pin plug, pins 2 (L) and 3 (H)
Left Front Window (Up/Down)	blue/red - blue/black	A	power window main switch, white 16 pin plug
Right Front Window (Up/Down)	red/black - red/white	A	driver kick, door harness
Left Rear Window (Up/Down)	green/black - green/orange	A	driver kick, door harness
Right Rear Window (Up/Down)	green/white - green/red	A	driver kick, door harness
Sun Roof (Open/Close)	motor part of module		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	yellow/red	+	radio, white 20 pin plug, pin 19
Radio Ground	(chassis)		
Radio Ignition	purple/yellow	+	radio, white 20 pin plug, pin 7
Radio Illumination	red/blue (parking lights), red/yellow (dimmer)	+,-	radio, white 20 pin plug, pins 9 and 8
Factory Amp Turn-on	black/pink	+	radio, white 20 pin plug, pin 1
Power Antenna	black	+	radio, gray 3 pin plug, pin 1
Left Front Speaker (+/-)	white - black	+,-	radio, white 20 pin plug, pins 2 and 3
Right Front Speaker (+/-)	green/white - brown	+,-	radio, white 20 pin plug, pins 11 and 12
Left Rear Speaker (+/-)	orange/black - white/red	+,-	radio, white 20 pin plug, pins 4 and 5
Right Rear Speaker (+/-)	blue - black/white	+,-	radio, white 20 pin plug, pins 13 and 14
Center Channel (+/-)	black/pink - orange/black	+,-	amplifier, brown 23 pin plug, pins 15 and 16
Subwoofer (+/-)	white/blk - green/blk (L), brown/wht - brown (R)	+,-	amplifier, brown 14 pin plug, pins 13, 8 (L), 5, 6 (R)
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts	yellow/red	+	Satellite Radio Tuner, white 16 pin plug, pin 12
Satellite Radio Ground	(chassis)		
Satellite Radio Ignition	gray/white	+	Satellite Radio Tuner, white 16 pin plug, pin 16
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	yellow/blue - white/blue	+,-	Satellite Radio Tuner, white 16 pin plg, pins 2, 1

| Satellite Audio Right (+/-) | brown/blue - yellow/green | 4, 3 | Satellite Radio Tuner, white 16 pin plg, pins 4, 3 |

What Fits

Item	Size	Depth	Location
Headunit	irregular		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 deck or left rear door
Left Rear Tweeter			left rear deck
Right Rear Speaker	6 x 9		right rear deck or right rear door
Right Rear Tweeter			right rear deck
Center Channel			top center of dash
Subwoofer	6 x 9		rear deck
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			under rear deck (sedan), driver side trunk (coupe)

Smart Starter Kill Relay

Relay Type:	n/a
Part #:	n/a
OE Relay Part #:	
Location:	n/a

Notes:
n/a

Alternate Part Notes:
n/a

Additional Wiring Notes

Item	Note
Can Bus Low	The data link connector is under the driver dash. The BCM (Body Control Module) is behind the instrument cluster.
Dome Supervision	The BCM (Body Control Module) is behind the instrument cluster. The step lamps wire is red/white (-) at the BCM, white 16 pin plug, pin 4.
Rear Defroster	The BCM (Body Control Module) is behind the instrument cluster. Also found at the fuse box, white 10 pin plug, pin 4.
Wipers	The IPDM E/R (Intelligent Power Distribution Module Engine Room) is in the engine compartment, on the driver fender.
Right Front Window (Up/Down)	On vehicles with left and right front anti-pinch power window system, you have to go into the passenger door and use blue/red - blue/black at the right front power window switch, white 16 pin plug.
Satellite Radio 12 Volts	If equipped, the Satellite Radio Tuner is under the rear deck on the sedans and in the driver side of the trunk on the coupes.
Speed Sense	May only be present on vehicles with BOSE or Bluetooth. Also found at the BOSE radio, white 20 pin plug, pin 18 (without Bluetooth) or the Bluetooth Control Unit, white 32 pin plug, pin 28 (with Bluetooth). The Bluetooth Control Unit is under the rear deck on the sedans and in the driver side of the trunk on the coupes.
12 Volts	The BCM (Body Control Module) is behind the instrument cluster.
Key Sense	The BCM (Body Control Module) is behind the instrument cluster.
Starter	The BCM (Body Control Module) is behind the instrument cluster. If XK07 interface module is not available, see Tech Doc 1301 for the Push Button Start interface information.
Left Front Door Trigger	The BCM (Body Control Module) is behind the instrument cluster.
Right Front Door Trigger	The BCM (Body Control Module) is behind the instrument cluster.
Left Rear Door Trigger	The BCM (Body Control Module) is behind the instrument cluster.
Right Rear Door Trigger	The BCM (Body Control Module) is behind the instrument cluster.
Brake Wire	The BCM (Body Control Module) is behind the instrument cluster. Also found orange (+) in the driver kick, harness to rear or at the fuse box, rear, brown 12 pin plug, pin 5.
Can Bus High	The data link connector is under the driver dash. The BCM (Body Control Module) is behind the instrument cluster. The security light wire is blue/orange (-) at the BCM, green plug, pin 30.
Accessory	The BCM (Body Control Module) is behind the instrument cluster.
Ignition	The BCM (Body Control Module) is behind the instrument cluster.
Headlight	The IPDM E/R (Intelligent Power Distribution Module Engine Room) is in the engine compartment, on the driver fender.
Hazards	The BCM (Body Control Module) is behind the instrument cluster.
Turn Signal (Left)	The BCM (Body Control Module) is behind the instrument cluster.
Turn Signal (Right)	The BCM (Body Control Module) is behind the instrument cluster.
Left Front Window (Up/Down)	On vehicles with left and right front anti-pinch power window system, can also use the factory alarm arm/disarm wires to roll the front windows up/down.
Left Front Speaker (+/-)	If equipped, the amplifier is under the rear deck on the sedans and in the passenger side of the trunk on the coupes. On vehicles with amplifier, the speaker wires are white - black at the amplifier, brown 23 pin plug, pins 4 and 5. The tweeter wires are lt. green - black/yellow at the amplifier, brown 14 pin plug, pins 1 and 2.
Right Front Speaker (+/-)	If equipped, the amplifier is under the rear deck on the sedans and in the passenger side of the trunk on the coupes. On vehicles with amplifier, the speaker wires are green/white - brown at the amplifier, brown 23 pin plug, pins 17 and 18. The tweeter wires are blue/orange - gray/blue at the amplifier, brown 14 pin plug, pins 4 and 3.
Left Rear Speaker (+/-)	If equipped, the amplifier is under the rear deck on the sedans and in the passenger side of the trunk on the coupes. On vehicles with amplifier, the speaker or tweeter wires are red/green - brown/black at the amplifier, brown 23 pin plug, pins 14 and 1.