

2008 Nissan Armada

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	brown	+	ignition switch, white 6 pin plug, pin 2
Second Starter	lt. green	+	ignition switch, white 6 pin plug, pin 6
Ignition	black/red	+	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	black/red	+	ignition key switch, white 4 pin plug or gray 6 pin plug, pin 4
Data Bus	lt. green/wht to white/pur (door lock data bus)	data	driver kick or BCM, white 40 pin plug, pin 22
Can Bus High	blue	data	data link connector, pin 6 or BCM, white 40 pin plug, pin 39
Can Bus Low	pink	data	data link connector, pin 14 or BCM, white 40 pin plug, pin 40
Can Bus Sw	N/A		
Power Lock	use factory alarm arm		
Power Unlock	use factory alarm disarm		
Lock Motor	purple	5 wire	driver kick or BCM, black 15 pin plug, pin 10
Unlock Motor	green	5 wire	driver kick or BCM, black 15 pin plug, pin 4
Disarm Defeat	green/yellow	5 wire	driver kick or BCM, black 15 pin plug, pin 11
Parking Lights (+)	red/blue	+	either kick, harness to rear
Parking Lights (-)	N/A		
Hazards	white/black	-	hazard switch, pin 2 or BCM, white 40 pin plug, pin 29
Turn Signal (Left)	green/black	+	driver kick or BCM, black 15 pin plug, pin 5
Turn Signal (Right)	green/yellow	+	passenger kick or BCM, black 15 pin plug, pin 6

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	blue (L), red/yellow (R)	+	headlights or IPDM E/R, brown 8 pin plug, pins 4 (L) and 6 (R)
AutoLights			
Reverse Light	green/white	+	either kick, harness to rear or radio, white 32 pin plug, pin 30
Left Front Door Trigger	lt. blue	-	driver kick or BCM, white 15 pin plug, pin 7
Right Front Door Trigger	red/blue	-	passenger kick or BCM, white 40 pin plug, pin 12
Left Rear Door Trigger	red/yellow	-	driver kick or BCM, white 15 pin plug, pin 8
Right Rear Door Trigger	gray	-	passenger kick or BCM, white 40 pin plug, pin 13
Dome Supervision	blue	-	passenger A pillar or BCM, black 15 pin plug, pin 8
Trunk/Hatch Pin	red/white to red/black	-	passenger kick or BCM, white 15 pin plug, pin 3
Rear Glass Pin	gray	-	passenger kick or BCM, white 15 pin plug, pin 2
Hood Pin	N/A		
Trunk Hatch/Release	blue/white (power liftgate)	-	driver kick or power liftgate switch, gray 6 pin plug, pin 1
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	blue	-	power window main switch, white 16 pin plug, pin 4
Factory Alarm Disarm	red (double pulse)	-	power window main switch, white 16 pin plug, pin 6
Disarm No Unlock	see factory alarm disarm		
Trunk Alarm Shunt	N/A		
Tachometer	NOT white	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	black/yellow	+	IPDM E/R, white 16 pin plug, pin 11
Rear Defroster	gray/red	-	BCM, white 40 pin plug, pin 9
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/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	white/red	8-Pulse	radio, white 32 pin plug, pin 32
Brake Wire	red/green to red/black	+	brake pedal switch or either kick, harness to rear
Parking Brake	green or gray/red	-	parking brake switch or radio, white 32 pin plug, pin 31
Horn Trigger	red/white	-	horn switch, gray 8 pin plug, pin 2
Wipers	blue (L), blue/black (H)	+	wiper motor or IPDM E/R, brown 12 pin plug, pins 8 (L) and 11 (H)
Left Front Window (Up/Down)	use factory alarm arm/disarm		
Right Front Window (Up/Down)	see left front window		
Left Rear Window (Up/Down)	red/yellow - red/black	A	driver kick, door harness
Right Rear Window (Up/Down)	red - blue	A	driver kick, door harness
Sun Roof (Open/Close)	motor part of module		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	lt. green/black	-	driver kick or ADPCU, white 32 pin plug, pin 9
Memory Seat 2	pink/blue	-	driver kick or ADPCU, white 32 pin plug, pin 25
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	purple	+	radio, white 20 pin plug, pin 7
Radio Illumination	red/blue	+	radio, white 20 pin plug, pin 9
Factory Amp Turn-on	gray/blue	+	radio, white 12 pin plug, pin 3
Power Antenna	black	+	radio, gray 3 pin plug, pin 3
Left Front Speaker (+/-)	blue/white - blue/red	+,-	radio, white 20 pin plug, pins 2 and 3
Right Front Speaker (+/-)	white/black - blue/black	+,-	radio, white 20 pin plug, pins 11 and 12
Left Rear Speaker (+/-)	lt. blue - black/yellow	+,-	radio, white 20 pin plug, pins 4 and 5
Right Rear Speaker (+/-)	orange/blue - red/blue	+,-	radio, white 20 pin plug, pins 13 and 14
Center Channel (+/-)	purple - red	+,-	amplifier, brown 23 pin plug, pins 1 and 14
Subwoofer (+/-)	white - black	+,-	amplifier, brown 14 pin plug, pins 9 and 14
Aux. Audio Input Left (+/-)	white - red (common)	+,-	radio, white 32 pin plug, pins 21 and 22
Aux. Audio Input Right (+/-)	black - red (common)	+,-	radio, white 32 pin plug, pins 20 and 22
RSE Video (+/-)	black/white - blue	+,-	radio, white 16 pin plug, pins 7 and 15
RSE Audio Left (+/-)	white - black	+,-	radio, white 32 pin plug, pins 24 and 23
RSE Audio Right (+/-)	red - green	+,-	radio, white 32 pin plug, pins 8 and 7
Satellite Radio 12 Volts	yellow	+	Satellite Radio Tuner, white 16 pin plug, pin 12
Satellite Radio Ground	(chassis)		
Satellite Radio Ignition	purple	+	Satellite Radio Tuner, white 16 pin plug, pin 16
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	white - black	+,-	Satellite Radio Tuner, white 16 pin plg, pins 2, 1
Satellite Audio Right (+/-)	yellow - brown	+,-	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 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 (door)		left rear door and rear hatch (surround)
Left Rear Tweeter			left rear door
Right Rear Speaker	6.5 (door)		right rear door and rear hatch (surround)
Right Rear Tweeter			right rear door
Center Channel			top center of dash
Subwoofer			under driver seat
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			under driver dash, to right of steering column

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
Rear Glass Pin	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Memory Seat 1	The ADPCU (Automatic Drive Positioner Control Unit) is under the driver dash, to the left of the steering column.
Memory Seat 2	The ADPCU (Automatic Drive Positioner Control Unit) is under the driver dash, to the left of the steering column.
Satellite Radio 12 Volts	If equipped, the Satellite Radio Tuner is under the driver dash, to the right of the steering column.
Left Front Speaker (+/-)	If equipped, the amplifier is under the driver dash, to the right of the steering column. On vehicles with amplifier, the speaker wires are blue/white - blue/red at the amplifier, brown 14 pin plug, pins 4 and 5.
Right Front Speaker (+/-)	If equipped, the amplifier is under the driver dash, to the right of the steering column. On vehicles with amplifier, the speaker wires are white/black - blue/black at the amplifier, brown 14 pin plug, pins 8 and 13.
Left Rear Speaker (+/-)	If equipped, the amplifier is under the driver dash, to the right of the steering column. On vehicles with amplifier, the speaker wires are lt. blue - black/yellow at the amplifier, brown 14 pin plug, pins 1 and 10. The rear surround speaker wires are red - green at the amplifier, brown 14 pin plug, pins 7 and 6.
Right Rear Speaker (+/-)	If equipped, the amplifier is under the driver dash, to the right of the steering column. On vehicles with amplifier, the speaker wires are orange/blue - red/blue at the amplifier, brown 14 pin plug, pins 2 and 3. The rear surround speaker wires are white/red - blue at the amplifier, brown 23 pin plug, pins 23 and 13.
Center Channel (+/-)	If equipped, the amplifier is under the driver dash, to the right of the steering column.
Subwoofer (+/-)	If equipped, the amplifier is under the driver dash, to the right of the steering column.
Right Rear Window (Up/Down)	The rear power vent windows open/close wires are red (5 wire) - brown (5 wire) at the relays under the driver dash, to the left of the steering column.
Left Front Door Trigger	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Trunk/Hatch Pin	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Right Front Door Trigger	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Left Rear Door Trigger	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Right Rear Door Trigger	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Can Bus High	The data link connector is under the driver dash. The BCM (Body Control Module) is under the driver dash, to the right of the steering column. The security light wire is green/orange (-) at the BCM, white 40 pin plug, pin 23.
Can Bus Low	The data link connector is under the driver dash. The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Data Bus	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Factory Alarm Arm	Meter this wire while turning the key in the driver door key cylinder.
Factory Alarm Disarm	Meter this wire while turning the key in the driver door key cylinder.
Lock Motor	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Driver Unlock Motor	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Passenger Unlock Motor	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Headlight	The IPDM E/R (Intelligent Power Distribution Module Engine Room) is in the passenger side rear corner of the engine compartment.
Hazards	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Turn Signal (Left)	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Turn Signal (Right)	The BCM (Body Control Module) is under the driver dash, to the right of the steering column.
Fuel Pump	The IPDM E/R (Intelligent Power Distribution Module Engine Room) is in the passenger side rear corner of the engine compartment.
Key Sense	Without Intelligent Key it is in the white plug. With Intelligent Key it is in the gray plug. Also found

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