

## 2008 Lincoln Navigator - North America



L I N C O L N

**Wiring Information**

Item	Wire Color	Polarity	Wire Location
12 Volts	blue/red (x2) (common 20A)	+	ignition switch, gray 10 pin plug, pins 8, 9
Starter	blue/white	+	ignition switch, gray 10 pin plug, pin 10
Ignition	white/orange	+	ignition switch, gray 10 pin plug, pin 1
Accessory	brown/yellow	+	ignition switch, gray 10 pin plug, pin 7
Second Accessory	violet/green	+	ignition switch, gray 10 pin plug, pin 5
Keysense	blue/gray	+	ignition switch, gray 10 pin plug, pin 3
CAN Bus High	white/blue (HS CAN)	data	data link connector, black 16 pin plug, pin 6
CAN Bus Low	white (HS CAN)	data	data link connector, black 16 pin plug, pin 14
CAN Bus High 2	gray/orange (MS CAN)	data	data link connector, black 16 pin plug, pin 3
CAN Bus Low 2	violet/orange (MS CAN)	data	data link connector, black 16 pin plug, pin 11
RX DATA	blue/gray	data	PATS Transceiver on ignition switch, black 4 pin plug, pin 4
TX DATA	violet/brown	data	PATS Transceiver on ignition switch, black 4 pin plug, pin 3
Power Lock	white/brown	-	driver kick or SJB in passenger kick, gray 26 pin plug (D), pin 17
Power Unlock	blue/brown	-	driver kick or SJB in passenger kick, gray 26 pin plug (D), pin 4
Lock Motor	gray/brown	5 wire	SJB in passenger kick, black 32 pin plug (E), pin 6
Driver Unlock Motor	blue/green	5 wire	SJB in passenger kick, black 32 pin plug (E), pin 28
Passenger Unlock Motor	violet/gray	5 wire	SJB in passenger kick, black 32 pin plug (E), pin 27
Factory Alarm Arm	violet/green and yellow/green (w/driv door keypad)	both -	SJB in passenger kick, gray 26 pin plug (D), pins 18, 6
Parking Lights (+)	violet/white	+	SJB in passenger kick, gray 13 pin plug (A), pin 6

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Item	Wire Color	Polarity	Wire Location
Parking Lights (-)	blue/gray	-	headlight switch, gray 10 pin plug, pin 5
Parking Lights Interrupt	black/white (see Tech Doc 1096)	cut	headlight switch, gray 10 pin plug, pin 7
Hazards	green/orange	-	SJB in passenger kick, black 52 pin plug (G), pin 48
Turn Signal (Left)	blue/green (F); gray/brown (R)	+	SJB in pass kick, blk 26 pin plg (B), pin 21; blk 32 pin plug (E), pin 25
Turn Signal (Right)	yellow/violet (F); violet/orange (R)	+	SJB in pass kick, blk 26 pin plg (B), pin 23; blk 32 pin plug (E), pin 26
Headlight	yellow/blue (headlight); black/white (switch ground)	- and cut	headlight switch, gray 10 pin plug, pins 10, 7
AutoLights	violet/green	cut	headlight switch, gray 10 pin plug, pin 4
Reverse Light	green/brown	+	passenger kick, harness to rear
Left Front Door Trigger	green/violet	- N.C.	driver kick or SJB in passenger kick, gray 26 pin plug (D), pin 14
Right Front Door Trigger	white	- N.C.	SJB in passenger kick, gray 26 pin plug (D), pin 2
Left Rear Door Trigger	yellow	- N.C.	SJB in passenger kick, gray 26 pin plug (D), pin 3
Right Rear Door Trigger	green	- N.C.	SJB in passenger kick, gray 26 pin plg (D), pin 15
Dome Light	gray/violet (dome lamps); violet (puddle lamps)	+	SJB in pass kick, gry 14 pin plg (F), pin 9; gry 26 pin plug (D), pin 12
Trunk/Hatch Pin	gray/orange	- N.C.	SJB in passenger kick, gray 26 pin plug (D), pin 16
Rear Glass Pin	(same as trunk/hatch pin)		
Trunk/Hatch Release	brown (liftgate); brn/yel (glass) (rear handle sw)	-	SJB in passenger kick, gray 26 pin plug (D), pins 7, 20
Trunk Release Motor	green/white (liftgate); brown/blue (glass)	5 wire	SJB in passenger kick, black 32 pin plug (E), pins 15, 31
Tachometer	NOT violet/green	ac	any fuel injector
Fuel Pump	violet/green	+	driver kick, harness to rear
Rear Defroster	white/orange	- latched	HVAC Control Module, black or blue 26 pin plug, pin 3 or 23
Mirror Defroster	(same as rear defroster)		

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Item	Wire Color	Polarity	Wire Location
Left Front Heated Seat	(climate controlled)		
Right Front Heated Seat	(climate controlled)		
Speed Sense	yellow/blue	ac	wiper mtr or PCM on pass firewall, plug towards pass side, pin 63
Brake Wire	yellow/gray	+	brake switch or SJB in passenger kick, black 52 pin plug (G), pin 40
Parking Brake	violet/brown	-	park brake sw or SJB in passenger kick, gray 26 pin plug (D), pin 1
Horn Trigger	yellow/red	-	horn switch or SJB in passenger kick, black 52 pin plug (G), pin 41
Wipers	blue/orange (low/high); black/white (ground)	-	wiper switch, black 16 pin plug, pins 16, 15
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	(motor is part of module)		
Left Rear Window (Up/Down)	blue/orange - yellow	A	driver kick, door harness
Right Rear Window (Up/Down)	gray/violet - brown/green	A	driver kick, door harness
Sun Roof (Open/Close)	violet/white - yellow/orange (func w/ign on only)	-	overhead console switch, gray 14 pin plug, pins 11 - 8
Memory Seat 1	violet/white	-	memory switch, black 8 pin plug, pin 7
Memory Seat 2	yellow	-	memory switch, black 8 pin plug, pin 3
Radio 12V	white/red	+	radio, 24 pin plug, pin 1
Radio Ground	black/blue	-	radio, 24 pin plug, pin 13
Radio Ignition	(MS CAN)		
Factory Amp Turn-on	blue/green (THX amp); violet/red (sub amp)	+	radio, 8 pin plug, pin 4
Power Antenna	yellow/orange	+	radio, 24 pin plug, pin 5
Left Front Speaker (+/-)	white - white/brown	+,-	radio, 24 pin plug, pins 8 - 21 or amplifier under center of dash
Right Front Speaker (+/-)	white/violet - white/orange	+,-	radio, 24 pin plug, pins 11 - 12 or amplifier under center of dash
Left Rear Speaker (+/-)	brown/green - brown/yellow	+,-	radio, 24 pin plug, pins 9 - 22 or amplifier under center of dash

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Item	Wire Color	Polarity	Wire Location
Right Rear Speaker (+/-)	brown/white - brown/blue	+,-	radio, 24 pin plug, pins 10 - 23 or amplifier under center of dash
Center Channel (+/-)	green/blue-gray/blue (F); green/brn-violet/brn (R)	+,-	amplifier under center of dash
Subwoofer (+/-)	green - gray (1); violet - yellow (2)	+,-	amplifier under center of dash
Aux. Audio Input Left (+/-)	yellow/green - blue	+,-	radio, 16 pin plug, pins 8 - 7
Aux. Audio Input Right (+/-)	blue/green - white/green	+,-	radio, 16 pin plug, pins 6 - 14
RSE Audio Left (+/-)	green - gray	+,-	radio, 16 pin plug, pins 1 - 2
RSE Audio Right (+/-)	violet - yellow	+,-	radio, 16 pin plug, pins 9 - 10
Satellite Radio 12 Volts	blue/red	+	satellite radio receiver under center console
Satellite Radio Ground	black/blue	-	satellite radio receiver under center console
Satellite Radio Ignition	(MS CAN)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	green/orange - blue/brown	+,-	satellite radio receiver under center console
Satellite Audio Right (+/-)	violet/brown - yellow/blue	+,-	satellite radio receiver under center console

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***What Fits***

Item	Size	Depth	Location
Headunit	double DIN		center of dash
Left Front Speaker	6 x 8		left front door
Right Front Speaker	6 x 8		right front door
Left Rear Speaker	6 x 8		left rear door
Right Rear Speaker	6 x 8		right rear door
Satellite Radio Tuner			under center console

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***Additional Wiring Notes***

Item	Note
Left Front Speaker (+/-)	On models with amplifier, the LF tweeter wires are green/orange - gray/orange. The instrument panel speaker wires are L brown/purple - brown/green, and R green/white - blue/white.
Left Rear Speaker (+/-)	On models with amplifier, the LR speaker wires are green/brown - gray/brown.
Right Front Speaker (+/-)	On models with amplifier, the RF tweeter wires are purple/orange - yellow/orange.
Right Rear Speaker (+/-)	On models with amplifier, the RR speaker wires are blue/white - purple/white.
Trunk/Hatch Release	On models with power liftgate, the open/close is gray/yellow (-) at the power liftgate switch on the dash or in the driver kick, harness to the rear.