

2025 LINCOLN NAVIGATOR

Technical Specifications



BODY

Construction	Fully boxed, high-strength steel frame. High-strength, military-grade, aluminum alloy body
Final Assembly Location	Kentucky Truck Plant, Louisville, Kentucky

ENGINE Standard

Type	Twin-turbocharged 3.5-liter V6 with Auto Start-Stop Technology
Production Location	Cleveland Engine Plant, Cleveland, Ohio
Configuration	3.5-liter twin-turbocharged V6
Displacement	213 cu. in.
Bore and stroke (mm)	3.64 in. x 3.41 in.
Crank shaft	Forged steel
Valvetrain	Hydraulically actuated roller finger followers, four valves per cylinder, twin independent variable cam shaft timing
Compression ratio	10.5:1
Horsepower	440 @ 5,850 rpm*
Torque	510 lb.-ft. @ 3,000 rpm*
Radiator	16 mm standard; 26 mm with Heavy Duty Trailer Tow Package
Fuel capacity	23.6 gallons (Navigator); 27.8 gallons (Navigator L)
Fuel delivery	Electronic multi-port gasoline injection

DRIVETRAIN

Layout	Four-wheel drive
Transmission	Ten-Speed SelectShift® Automatic Transmission with SelectShift Capability

Gear Ratios	1st Gear Ratio:	4.70:1	7th Gear Ratio:	1.00:1
	2nd Gear Ratio:	2.98:1	8th Gear Ratio:	0.85:1
	3rd Gear Ratio:	2.15:1	9th Gear Ratio:	0.69:1
	4th Gear Ratio:	1.77:1	10th Gear Ratio:	0.64:1
	5th Gear Ratio:	1.52:1	Reverse Gear Ratio:	4.87:1
	6th Gear Ratio:	1.27:1	Final Drive Ratio:	3.73:1

Brakes	Front: • Twin piston brakes • 13.8-inch vented disc rotors
	Rear: • ePB brakes • 13.2-inch vented disc rotors
	4-Wheel Disc Anti-Lock Braking System (ABS) Electric Parking Brake

*Horsepower and torque ratings based on premium fuel per SAE J1349® standard. Your results may vary. Specifications are subject to change. For more information, visit media.lincoln.com



SUSPENSION

Front	Front independent short- and long-arm (SLA) with coil-over semi-active shocks and stabilizer bars
Rear	Rear independent multi-link with coil-over semi-active shocks and stabilizer bars

STEERING

Type	Electric power-assisted rack-and-pinion steering
Steering Column	Power adjustable with memory
Ratio	Fixed
Turning Diameter, Curb-toCurb	41.67 feet (Navigator); 43.9 feet (Navigator L)

WHEELS AND TIRES

WHEELS

22-inch Dark Tarnished aluminum with bright-machined finish	Standard on Reserve
22-inch High-Gloss Ebony Black aluminum	Included with Jet Appearance Package
24-inch Luster Nickel aluminum with bright-machined finish	Available on Reserve and Black Label
22-inch High-Gloss Ebony Black with bright-machined finish	Standard on Black Label
24-inch High-Gloss Ebony	Standard with Black Label Special Edition Package
24-inch Radiant Copper aluminum with bright-machined finish	Standard on Black Label Atmospheric theme

TIRES

All-season BSW - P275/50R22	Standard with 22-inch wheels
All-season BSW - P285/40R24	Standard with 24-inch wheels

DIMENSIONS (INCHES)

EXTERIOR	NAVIGATOR	NAVIGATOR L	INTERIOR – FRONT	NAVIGATOR	NAVIGATOR L
Wheelbase	122.5	131.5	Maximum head room	38.3	38.3
Length	210	221.9	Legroom (maximum)	43.5	43.5
Height (maximum)	78	78	Hip room	61.9	61.9
Body width (maximum)	80	80	Shoulder room	65.3	65.3
Vehicle width (including outside mirrors)	94.6	94.6	INTERIOR – 2ND ROW		
Vehicle width (with mirrors folded)	84.6	84.6	Headroom	37.9	37.9
Front track	68.1	68.1	Legroom (maximum)	42	42
Rear track	67.8	67.8	Hip room	61.7	61.7
Front overhang	38.2	38.2	Shoulder room	65.1	65.1
Rear overhang	49.3	52.1	INTERIOR – 3RD ROW		
Approach angle	19.3 degrees	19.5 degrees	Headroom	37.4	37.4
Departure angle	23.1 degrees	22.2 degrees	Legroom (maximum)	43.5	43.5
Ramp breakover angle	19.4 degrees	17.5 degrees	Hip room	51.4	51.4
Minimum running ground clearance	8.9	8.9	Shoulder room	64.2	64.2

WEIGHTS AND CAPACITIES

BASE CURB WEIGHT (LBS.)	NAVIGATOR	NAVIGATOR L	CAPACITIES (CU.-FT.)	NAVIGATOR	NAVIGATOR L
	5,929 lbs.	6,044 lbs.	Passenger volume	172.1 cu. ft.	172.1 cu. ft.
			Cargo volume behind first row	107.0 cu. ft.	121.6 cu. ft.
TOWING CAPACITY (LBS.) (WITH HDTT PACKAGE)			Cargo volume behind second row	60.8 cu. ft.	75.4 cu. ft.
4X4 SWB – 8,700 lbs.			Cargo volume behind second row (seats full forward)	69.9 cu. ft.	84.5 cu. ft.
4X4 LWB – 8,700 lbs.			Cargo volume behind third row	21.6 cu. ft.	36.1 cu. ft.
4X4 SWB (24-inch wheels) – 8,500 lbs.			Cargo volume behind third row (seats full upright)	22.9 cu. ft.	37.4 cu. ft.
4X4 LWB (24-inch wheels) – 8,400 lbs.					

EXTERIOR COLORS

Pristine White Metallic Tri-Coat	Sunrise Copper Metallic Pearlcoat
Crystal White Metallic Tri-Coat	Infinite Black Metallic Clearcoat
Starlight Gray Premium Colorant	Flight Blue Metallic Clearcoat
Chroma Caviar Dark Gray Metallic Clearcoat	Gray Mist Metallic Tri-Coat

INTERIOR COLORS AND THEMES

Black Onyx	Hot Chocolate
Medium Light Space Grey	

STANDARD FEATURES

Climate	Front seat height adjustable shoulder safety belts
Auto Air Refresh	Front seat belt buckle pretensioners
Rear window defroster	Cup/bottle holders
Tri-Zone Electronic Automatic Temperature Control with Rear Auxiliary Climate Controls and Vents	Scuff plates includes front illuminated door sill with Lincoln brushed aluminum insert and a molded in color rear door sill with brushed aluminum insert
Comfort and Convenience	Intermittent Rear Wiper
11.1" configurable LCD display in center stack with swipe capability	Accessory lighting
48-inch display with configurable instrument cluster – themes include Constellation, Engage, Inspire and Tranquil	First and second rows - LED ambient lighting
14 USB ports (4 first row, 4 second row, 4 third row, 2 cargo area)	LED Reading Lamps - First and second rows
5.8-inch second-row LCD touchscreen controls panel (with Audio and Heated/Ventilated Seat Controls when equipped)	LED Dome Lamps - First Row and Cargo
Filter cowl intake-pollen odor/cabin particulate filter	LED illuminated door switches
Coat hooks - (2) Second Row and Third Row	Liftgate floodlamps
Digital Scent	Lockable, damped glove box
Lincoln Concierge – Dealership drop-off and pick-up, Internal data transfer infrastructure, Owners services, and Remote software updates and diagnostics	Lincoln soft-touch map pockets
Lincoln Drive Modes – Conserve, Deep Conditions, Excite, Normal, Slippery, and Slow Climb (with Heavy Duty Trailer Tow Package)	Personal Profiles (audio, climate, displays, driver-assist features, mirrors, pedals, seats, steering column)
Front Console with center winged armrest	Phone as a Key
Overhead Console with Sunglasses Holder	Power Door Locks with Autolock
11-oz. Princeton carpet	Enhanced Active Noise Control
Floor Mats - First and Second Row Carpeted; 28-oz. Burckshire, Nubuck Edge	Power/heated steering wheel in Wollsdorf leather with imperial grain, contextual capacitive controls and personal profiles
Frameless, Electrochromatic Auto Dimming Rearview Mirror	Power tilt and telescoping steering column with Personal Profile memory
Grab Handles - Leather-wrapped in first and second rows	Power Windows with Front and Rear One-Touch Up/Down Feature
Piano key shifter	Sun Visors with Dual Illuminated Mirrors
Intelligent Access (4 doors) with Push Button Start	Symphonic Chimes
Power-adjustable brake and accelerator pedals with Personal Profile memory	Universal Garage Door Opener
Genuine wood trim in center and panels	Wireless Charging pad
	Electric Power-Assisted Steering (EPAS)
	Under-floor storage
	110-volt/400-watt power points

STANDARD FEATURES

Entertainment Systems

Lincoln Connect™ with 5G embedded modem with WiFi® hot spot capability, enables Lincoln Way™ App remote features (when activated)

Lincoln Way™ App with Smartphone integrated technology lets you find parking, set pre-conditioning/schedule remote start, Remotely lock/unlock, and Schedule service

Revel Ultima 3D Audio System with 28 speakers, including subwoofer (featuring QuantumLogic™ 3D Surround technology), HD Radio, Satellite/AM/FM stereo, SiriusXM® Radio, and Speed-compensated volume

Lincoln Digital Experience includes 48" customizable panoramic display, 11.1" LCD capacitive touchscreen in the center stack with swipe capability, 5G Connectivity, Google Maps, Alexa Built-In, wireless Apple CarPlay® and AndroidAuto™ compatibility and digital Owner's Manual

Seating

First Row – Premium leather seating, 24-way Perfect Position driver's seat and 22-way Perfect Position passenger seat, power driver and passenger movement with power lumbar and head restraints, auto heated/ventilated driver and passenger seats, Personal Profile memory on driver and passenger seats

Second-Row – Premium leather seating, heated with head restraints, PowerFold® 40/pass-through/40, power release tilt-and-slide functionality

Third-Row – Lincoln Soft Touch seating, PowerFold® 40/20/40 split bench with power recline

Exterior Features

Bright beltline molding

Digital lock sound

Lincoln Star hub wheel ornament

Panoramic Vista Roof® with power sunshade

Remote Start

18-inch spare wheel

Lincoln Split Gate

Open-on-Approach

Power Running Boards – Ebony-painted

Easy Fuel® Capless Fuel Filler

Sideview Mirrors – Dimming (driver's side), Autofold, Black cap with chrome strip, Dual power, Heated, Unique Lincoln security

Appearance

Antenna - integrated in rear quarter glass

Shark fin antenna

Satin Aluminum roof rails without crossbars

Body-color bumpers

Body-color spoiler

Single-tipped black muffler exhaust system

Grille - satin chrome mesh with satin aluminum open jewel

Doors/Handles – body-color bezel with black accent, illuminated

LED Backup Lights

LED Rear Applique

LED Tail Lamps

LED Turn Signal Indicators

Lincoln Embrace – Approach Detection, Dynamic signature lighting fade on/off, Illuminated door handles and Welcome Mat

Welcome Mat (Lincoln Logo)

Safety and Security

Brake and engine-actuated traction control

AdvanceTrac® with RSC® (Roll Stability Control™)

Adaptive Suspension with CCD

Belt Minder® (safety belt reminder) – all seating positions

Child safety rear door locks

Rear safety belts - second and third row

Second- and third-row seat occupant alert

Dual-note electric horn

Airbags – Driver and front passenger dual-stage, Safety Canopy® side curtains with rollover sensor, and side-impact first row

Remote Keyless Entry

LATCH (Lower Anchors and Tethers for Children) on Rear Outboard Seat Positions

Personal Safety System® (1st row) includes seatbelt pre-tensioners, load-limiting retractors, driver seat position sensing, crash severity Sensing, and seatbelt tension reducers

Enhanced Security System – Passive anti-theft system and perimeter alarm

Valet mode

SecuriCode™ Keyless Entry Keypad

SOS Post-Crash Alert System™

Tire Pressure Monitoring System (TPMS) - Individual tires

Headlamps – adaptive pixel projectors with dynamic bending; AutoLamp, Automatic Headlamp Leveling; LED daytime running lights inside headlamp; Predictive Curve Lighting; static bending; speed dependent lighting

Windows and Glass

First- and second-row Acoustic Laminate Glass

Infrared Reflective Glass front windshield

Acoustic/laminated first and second-row glass

Power windows with front and rear one-touch up/down

AVAILABLE FEATURES

Fully powered PowerPitch® and Slide second-row seats

Second-row heated 40/20/40 split bench with PowerFold® tilt-and-slide functionality

24" wheels

All-weather floor liners

Cargo area protector

Tiered Cargo Area Management System with four-way configurable partition

AVAILABLE PACKAGES

Jet Appearance Package includes 22-inch High-Gloss Ebony aluminum wheels, Black belt molding, Black accent interior pack, Unique Lincoln grille pillar black surround with black mesh insert, Front bumper fascia, Black accent badge, roof rails painted Black, and Lincoln lit star

Heavy Duty Trailer Tow Package with trailer brake controller, two-speed transfer case and 26 mm radiator

Black Label Special Edition Package includes 24-inch high-gloss Ebony wheels, black beltline molding, front bumper fascia, unique Lincoln grille pillar black surround with black mesh insert, black accent badge, black roof and roof rails

DRIVER ASSIST FEATURES

Lincoln Co-Pilot360™ Drive 2.0

Adaptive Cruise Control with Lane Centering, Predictive Speed Assist and Stop-and-Go

360-degree camera

Pre-Collision Assist with Emergency Braking (AEB), including Pedestrian Detection, Forward Collision Warning and Dynamic Brake Support

Lane-Keeping System with Driver Alert, Lane-Keeping Assist, Lane-Keeping Alert and Road Edge Detection

Blind Spot Assist

Blind Spot Detection with Cross-Traffic Alert with Trailer Coverage

Intersection Assist

Post-Collision Braking

Front parking sensors

Evasive steer assist

Rearview camera

Rear parking sensors

Reverse brake assist

Auto high beams

Lincoln Towing Technology

Trailer Reverse Guidance

Pro Trailer Backup Assist

Smart Trailer Tow

Trailer Sway Control

Pro Trailer Hitch Assist

Trailer Profiles

Trailer Light Check

Additional Driver-Assist Systems

Auto Hold

Automatic headlamps (automatic on/off)

Hill Start Assist

Hill Descent Control

Rain-sensing front wipers

BLACK LABEL THEMES

Invitation

Appliques – Khaya with laser branch

Leather-wrapped interior – Black Onyx with Brandy stitching

Specialty leather seats – Black Onyx Venetian leather with Pergola micro-perforation

Headliner - Ebony Dinamica® sueded cloth

Floor carpet/mats – Black with Dinamica sueded cloth

Enlighten

Appliques – Horizon grid

Leather-wrapped interior – Alpine leather with black stitching

Specialty leather seats – Alpine Venetian leather with Lincoln Star perforations

Headliner – Alpine Dinamica sueded cloth

Floor carpet/mats – Espresso with Dinamica sueded cloth

Atmospheric

Appliques – Atmospheric Ash

Leather-wrapped interior – Urban Green with Light Flint stitching

Specialty leather seats – Urban Green Venetian leather with Skyline micro-perforations

Headliner – Light Flint Dinamica sueded cloth

Floor carpet/mats – Black with Dinamica sueded cloth