# **2022 LINCOLN NAVIGATOR** TECHNICAL SPECIFICATIONS



## **BODY**

Construction Unitized welded aluminum body Kentucky Truck Plant - Louisville, Kentucky **Final Assembly Location** 

## **ENGINE**

3.5-L Twin-Turbocharged V6 Type **Production Location** Cleveland Engine Plant - Cleveland, Ohio Configuration 3.5-L Twin-Turbocharged V6 213 cu.in. Displacement 3.64 in x 3.41 in **Bore x Stroke** Crankshaft Forged steel Hydraulically actuated roller finger followers, four valves per cylinder, twin independent variable Valvetrain cam shaft timing **Compression Ratio** 10.5:1 440 @ 5,850 rpm1 Horsepower 510 lb.-ft. @ 3,000 rpm1 **Torque** 23-Gallons - Navigator **Fuel Capacity** 27-Gallons - Navigator L **Fuel Delivery** Electronic multi-port gasoline injection 4x2: 17 City/23 Highway/19 Combined mpg Fuel economy ratings Navigator 4x2/4x4<sup>2</sup> 4x4: 16 City/22 Highway/18 Combined mpg

4x2 L: 17 City/23 Highway/19 Combined mpg

4x4 L: 16 City/22 Highway/18 Combined mpg

## **DRIVETRAIN**

Fuel economy ratings

Navigator L 4x2/4x4<sup>2</sup>

Layout All-wheel drive/Rear-wheel drive

## TRANSMISSION

GEAR RATIOS	10-Speed Automatic Transmission with SelectShift®
First	4.70:1
Second	2.98:1
Third	2.15:1
Fourth	1.77:1
Fifth	1.52:1
Sixth	1.27:1
Seventh	1:1
Eighth	0.85:1
Ninth	0.69:1
Tenth	0.64:1
Reverse	4.87:1
Final Drive Ratio	3.73:1

# SUSPENSION

Front	Front Independent Short- and Long-Arm (SLA) with coil-over semi-active shocks and stabilizer bar
Rear	Rear Independent Multi-Link with coil-over semi-active shocks and stabilizer bar

# **STEERING**

Туре	Electric Power Assisted Steering
Steering column	Power-tilt/telescoping steering column with memory
Ratio	Fixed
Turning to Diameter, Curb-to-curb, FT.	40

## BRAKES

Туре	Front Twin Piston Brakes/Rear ePB brake
Front	13.8" Vented Disc Rotors
Rear	13.2" Vented Disc Rotors

# WHEELS AND TIRES

Wheel sizes and type Standard	20" 14-Spoke Bright-Machined Aluminum Wheel with Painted Pockets Standard on Navigator Equipment Collection (100A)	22" Bright Machined Aluminum Wheel with Premium Painted Pockets Included in Navigator Plus Exterior Pkg. (65P) on Navigator (100A) and Standard on Navigator Reserve Equipment Collections (200A/201A)	22" 14-Spoke Bright- Machined Aluminum Wheel with Ebony Black Painted Pockets Standard on Black Label Equipment Collection (800A)
Tire Size for Standard wheels	20" All-Season BSW Tire – P275/55R20	22" All-Season BSW Tire – 285/45R22	22" All-Season BSW Tire – 285/45R22
Wheel sizes and type Optional	22" 12-Spoke Bright-Machined Aluminum Wheel with Ebony Black Painted Pockets Optional on Navigator Reserve Equipment Collections (200A/201A)	22" Ebony Black Fully Painted Aluminum Wheel Included in Monochromatic Pkg. (50J) on Navigator Reserve (200A/201A) Included in Special Edition Pkg. (68E) on Navigator Black Label (800A)	
Tire Size for Optional wheels	22" All-Season BSW Tire – 285/45R22		

# EXTERIOR DIMENSIONS (Inches unless otherwise noted)

	SWB 4X2	SWB 4X4	LWB 4X2	LWB 4X4
Wheelbase	122.5	122.5	131.6	131.6
Length	210.0	210.0	221.9	221.9
Height	76.4	76.3	76.2	76.1
Body Width-Maximum	79.9	79.9	79.9	79.9
Vehicle Width - Including Outside Mirrors	93.8	93.8	93.8	93.8
Vehicle Width - with Mirrors Folded	83.6	83.6	83.6	83.6
Front Track	67.6	67.6	67.6	67.6
Rear Track	67.2	67.2	67.2	67.2
Front Overhang	38.2	38.2	38.2	38.2
Rear Overhang	49.3	49.3	52.1	52.1
Approach Angle	22.3°	22.2°	22.8°	22.4°
Departure Angle	22.0°	21.9°	20.7°	20.7°
Ramp Breakover Angle	21.3°	21.1°	20.0°	19.8°
Minimum Running Ground Clearance	9.7	9.6	9.7	9.6

## INTERIOR DIMENSIONS (Inches unless otherwise noted)

	SWB 4X2	SWB 4X4	LWB 4X2	LWB 4X4
Maximum Head Room – Front Row	41.8	41.8	41.8	41.8
Head Room - Second Row	40.0	40.0	40.0	40.0
Head Room - Third Row	37.3	37.3	37.4	37.4
Maximum Leg Room - Front Row	43.9	43.9	43.9	43.9
Leg Room - Second Row	41.1	41.1	41.1	41.1
Leg Room - Second Row (Seat Full Rearward)	42.3	42.3	42.3	42.3
Leg Room - Third Row	36.1	36.1	36.1	36.1
Leg Room - Third Row (Second Row Seat Full Forward)	40.9	40.9	40.9	40.9
Hip Room - Front Row	61.9	61.9	61.9	61.9
Hip Room - Second Row	61.6	61.6	61.6	61.6
Hip Room - Third Row	51.4	51.4	51.4	51.4
Shoulder Room - Front Row	65.2	65.2	65.2	65.2
Shoulder Room - Second Row	65.1	65.1	65.1	65.1
Shoulder Room - Third Row	64.2	64.2	64.3	64.3

## **CAPACITIES** (Cubic feet)

	SWB 4X2	SWB 4X4	LWB 4X2	LWB 4X4
Base Curb Weight	5,685 lbs.	5,855 lbs.	5,926 lbs.	6,056 lbs.
Passenger Volume	172.0	172.0	172.1	172.1
Cargo Volume Behind Front Row	103.3	103.3	120.2	120.2
Cargo Volume Behind Second Row	57.5	57.5	73.3	73.3
Cargo Volume Behind Second Row - Second Row Seat Full Forward	63.6	63.6	79.6	79.6
Cargo Volume Behind Third Row	19.3	19.3	34.3	34.3
Cargo Volume Behind Third Row - Third Row Seat Full Upright	20.9	20.9	36.0	36.0
Towing Capacity	8,700 lbs.	8,300 lbs.	8,400 lbs.	8,100 lbs.

## **BLACK LABEL INTERIOR THEMES**

## **CHALET THEME**

Appliqués – Silverwood Recon

Leather-Wrapped Interior – Alpine Leather with Black Stitch

Specialty Leather Seats – Alpine Venetian Leather Seating Surfaces with Lincoln-Star Perforation

Headliner – Alpine Dinamica® Sueded Cloth Suede

Floor Carpet/Mats – Espresso with Dinamica® Sueded Cloth Accent

## **YACHT CLUB THEME**

Appliqués - White Washed Teak

 ${\tt Leather\text{-}Wrapped\ Interior-Coastal\ Blue\ Leather\ with\ Alpine\ Stitch}$ 

Specialty Leather Seats – Coastal Blue Venetian Leather Seating Surfaces with Micro-Perforation Enhanced Linear

Headliner – Alpine Dinamica® Sueded Cloth

Floor Carpet/Mats – Blue Bay with Dinamica® Sueded Cloth Accent

## INVITATION THEME

Appliqués – Khaya with Laser Branch

Leather-Wrapped Interior – Black Onyx with Brandy Stitch

Specialty Leather Seats – Black Onyx Venetian Leather Seating Surfaces with Pergola Micro-Perforation

Headliner – Ebony Dinamica® Sueded Cloth

Floor Carpet/Mats – Black with Dinamica  $^{\otimes}$  Sueded Cloth

## CENTRAL PARK THEME

Appliqués – Walnut with Laser Etch

Specialty Leather Seats – Urban Green Venetian Leather Seating Surfaces with Skyline Micro-Perforation

Headliner – Light Flint Dinamica® Sueded Cloth

Floor Carpet/Mats – Black with Dinamica® Sueded Cloth

## **EXTERIOR COLORS**

Pristine White Metallic Tri-Coat

Flight Blue Metallic Clearcoat

Ceramic Pearl Metallic Tri-Coat

Asher Gray Metallic Clearcoat

Silver Radiance Metallic Clearcoat

Infinite Black Metallic Clearcoat

## **NEW**

Manhattan Green Metallic Premium Colorant

Ocean Drive Blue Metallic Tinted Clearcoat

Starlight Gray Metallic Clearcoat

Chroma Caviar Premium Colorant

## INTERIOR COLORS

Black Onyx

Black Onyx/Roast

## Sandstone

## STANDARD FEATURES

#### **MECHANICAL**

#### Brakes

- Electric Parking Brake
- Four-Wheel Disc (ABS)

Engine – Twin-Turbocharged 3.5L V6 (450 HP, 500 ft-lbs. Torque) with Auto Start-Stop Technology

Radiator – Standard Duty (26mm)

Transmission – Ten-Speed Automatic Transmission with SelectShift® Capability and Paddle Activation

#### **EXTERIOR**

Active Grille Shutters

Antenna – Integrated in Rear Quarter Glass

Body-Color Bumpers, Chrome Rear Bumper Step Pad

**Body-Color Spoiler** 

Bright Beltline Molding, Chrome Lower Door Trim

Chrome Roof Rack Side Rails

Digital Lock Sound

Doors/Handles - Body-Color Bezel with chrome strap, Illuminated

**Dual Bright Exhaust System** 

Easy Fuel® Capless Fuel Filler

Front License Plate Brackets (included in states requiring front license plates)

Front Tow Hooks (4x4 only)

## Glass

- Acoustic/Laminated First and second rows
- Privacy Glass Second and third rows

Grille – Satin Chrome Mesh with Bright Chrome Surround and Silver Lighting Lower Bumper Accent

Hands-Free Liftgate with Obstacle Detection Sensor

Intermittent Rear Wiper

## Lincoln Embrace

- Approach Detection
- Dynamic Signature Lighting Fade On/Off
- Illuminated Door Handles
- Lincoln Logo Welcome Mat

## Rear Lighting

- LED Backup Lights
- LED Taillamps

Running Boards – Power, Ebony Painted Non-Illuminated

Side Wind Stabilization

Tow Hooks

Note: Front Tow Hooks on 4x4 standard for Military Sales only

## Trailer Tow Prep Package

- Class IV with 4-Pin and 7-Pin Connectors
- Smart Trailer Tow
- Trailer Sway Control

#### Wheels/Tires

- 20" 14-Spoke Bright Machined Aluminum Wheel with Painted Pockets
- 20" All-Season BSW Tire P275/55R20
- 17" Spare Wheel
- 17" Spare Tire 265/70R17

#### INTERIOR/COMFORT

## 16oz Carpet

110V/150W AC Power Outlet

Ambient Lighting - LED

Cabin Particulate Air Filter

Cargo Management System

#### Carpeted Floor Mats

- First Row 28oz. Burkeshire, Nubuck Edge
- Second Row 28oz. Burkeshire, Nubuck Edge

Coat Hooks - Two (2) in second row, two (2) in third row

#### Consoles

- Front with Center Winged Armrest
- Overhead with Sunglasses Holder and Conversation Mirror

#### Cup/Bottle Holders

Frameless Electrochromic rearview mirror

Genuine Wood Trim in Center and Panels

## **Grab Handles**

- First and second rows
- Liftgate

## Illuminated Visor Vanity Mirrors

## Instrument Cluster

- 12" Configurable LCD Display
- Tachometer
- Trip Odometer

## Interior Lighting

- Accessory Lighting
- First and second rows Static Sequential LED Ambient Lighting
- First Row LED Reading Lamps
- First Row and Cargo LED Dome Lamps
- LED Illuminated Door Switches

## Lincoln Concierge

- Call Buttons on MyLincoln Touch™ and Cluster
- Dealership Drop-Off and Pick-Up
- Internal Data Transfer Infrastructure
- Owner Services
- Remote Software Updates and Diagnostics

## Lincoln Soft-Touch Map Pockets

Lockable, Dampened Glove Box

## Message Center

- Compass
- Outside Temperature Display

## Piano Key Shifter

Power-Adjustable Brake and Accelerator Pedals with Memory

Power Window Disable



## STANDARD FEATURES (Continued)

#### INTERIOR/COMFORT (Continued)

Powerpoints – 12V Four (4)

- Two (2) 12V Auxiliary Ports in Front Media Bin and Center Stack
- Three (3) Smart Charging USB Ports (Types A&C) in Front Media Bin and back of Front Console (Second Row access)
- Two (2) 12V Auxiliary Ports in back of Front Console and Cargo Area
- Two (2) Smart Charging USB Ports (Types A&C) in Third Row Quarter Trim

#### Rear Auxiliary Controls and Vents

#### Scuff Plates

- Front Illuminated in Door Sill with Unique Lincoln Insert
- Rear Molded in Color Door Sill with Brushed Aluminum Insert

#### Seats

- First Row Lincoln Soft Touch
  - 10-Way Comfort Seats
  - Power Driver and Passenger with Power Lumbar and Head Restraints
  - Auto Heated/Ventilated Driver and Passenger Seats
  - Driver Seat Memory
- Second Row Lincoln Soft Touch
  - Heated Rear/Ventilated and Head Restraints
  - PowerFold® 40/Pass-Thru/40
  - Tilt-and-Slide Functionality
- Third Row Lincoln Soft Touch
  - 60/40 PowerFold® Split Bench with Power Recline

## Steering Wheel

- Heated
- Leather with Wood Inserts
- Power Tilt and Telescoping Steering Column with Memory
- Speed and Audio Controls

## Symphonic Chimes

Tri-Zone Climate Control

Underfloor Stowage

## Windows

- Fixed Rear Quarter/Power Front Quarter
- Global Open/Close
- Power Windows with Front and Rear One-Touch Up/Down

## SAFETY/SECURITY

AdvanceTrac® with RSC® (Roll Stability Control™)1

## Airbags

- Driver Knee
- Driver and Front Passenger Dual-Stage
- Glove Box Integrated Knee
- Side Curtains with Rollover Sensor Safety Canopy®
- Side-Impact Front and Second Row Front Row Side Seat

Belt-Minder® (front safety belt reminder)

Brake and Engine-Actuated Traction Control

Child Safety Rear Door Locks

Driver Seat Position Sensor

Dual-Note Electric Horn

**Emergency Brake Assist** 

## **Enhanced Security System**

- Intrusion and Inclination Sensors
- Passive Anti-Theft System
- Perimeter Alarm

Front Height Adjustable Shoulder Safety Belts

#### Glass

- Acoustic/Laminated First and Second Rows
- Privacy Glass Second and Third Rows

#### Headlamps

- Adaptive LED Headlamps with Signature Lighting
- AutoLamp (automatic on/off headlamps)
- Automatic headlamp leveling
- LED Daytime Running Lights (inside headlamp)
- LED Fog Lamps Black Bezel with Chrome Trim
- LED Lincoln Signature Lighting

Hill Descent Control™ (requires 4x4)

Individual Tire Pressure Monitoring System

LATCH (Lower Anchors and Tether Anchors for Children)

**Load Limiting Retractors** 

#### Mirrors - Sideview

- 360-Degree Camera with Rear Camera Washer
- Auto-Dimming (driver side)
- Autofold
- Black Cap with Chrome Strip
- Dual Power
- Heated
- LED Turn Signal Indicators
- Memory
- Unique Lincoln Security Approach Lamps

#### MyKey®

Personal Safety System<sup>™</sup> (first row)

Power Door Locks with Autolock

Remote Keyless Entry

Safety Belt Pretensioners

SecuriCode™ Keyless Entry Keypad

SOS Post-Crash Alert System™2

Auto Hold

Automatic Headlamps (automatic on/off)

Crash Severity Sensors (standard on Black Label)

Head-Up Display (standard on Black Label)

Hill Descent Control™ (standard on Black Label)

Hill Start Assist

Phone As A Key (standard on Black Label)

Rain Sensing Front Wipers

## LINCOLN CO-PILOT360™ 2.0

Intelligent Adaptive Cruise Control w/ Stop-and-Go, Lane Centering Assist, and Speed Sign Recognition

BLIS w/ Trailer Coverage

Cross Traffic Alert w/ Braking

Pre-Collision Assist w/ Auto Emergency Braking (AEB)

- Pedestrian Detection
- Distance Alert/Distance Indication
- Dynamic Brake Support
- Forward Collision Warning
- Intersection Assist
- Post Collision Braking



## STANDARD FEATURES (Continued)

## LINCOLN CO-PILOT360™ 2.0 (Continued)

Lane-Keeping System with Blind Spot Assist

- Driver Alert
- Lane-Keeping Aid
- Lane-Keeping Alert
- Road Edge Detection
  - Evasive Steering Assist
  - Rear View Camera with Rear Camera Washer
  - Active Park Assist 2.0
  - Front Parking Sensors

Rear Parking Sensors

Reverse Brake Assist

Auto High Beams

## Lincoln Co-Pilot 360™ 2.0 Vision:

- 360-Degree Camera with Rear Camera Washer
- Forward, Side, and Reverse Parking Sensors
- Active Park Assist 2.0

#### Additional Standard Driver Assist Technology:

Auto Hold

Hill Start Assist

Automatic Headlamps

Lincoln Co-Pilot360™ Vision is standard on Navigator, Navigator Reserve and Navigator Black Label with standard Trailer Tow Prep Package

- 360-Degree Camera with Rear Camera Washer
- Forward/Side/Rear Parking Sensors
- Active Park Assist 2.0

Lincoln Co-Pilot $360^{\mbox{\tiny M}}$  2.0 Drive is standard on Navigator Reserve and Navigator Black Label

ActiveGlide

Lincoln Co-Pilot360™2.0 Towing is standard on Navigator Reserve and Navigator Black Label when ordering Heavy Duty Trailer Tow Package

- Trailer Reverse Guidance
- Pro-Trailer Backup Assist™ 2.0

## **FUNCTIONAL**

## Audio

- Revel® Audio System with 14-Speakers and Speed-Compensated Volume
- HD Radio™
- MP3-Capability
- Satellite/AM/FM Stereo
- SiriusXM® Radio⁵

Adaptive Suspension with Road Preview

Auto Hold

**Battery Saver** 

**Electric Power-Assisted Steering** 

Enhanced Active Noise Control

Intelligent Access with Push-Button Start

### Lincoln Connect™5

- 4G Embedded Modem with WiFi® Hot Spot Capability
- Enables Lincoln Way™ App Remote Features (when activated)

## Lincoln Way™ App includes:

- Find Parking
- Pre-Conditioning (schedule Remote Start)
- Remote Lock/Unlock
- Schedule Pick Up and Delivery
- Smartphone Integrated Technology

## Lincoln Drive Modes

- Conserve (ECO)
- Deep Conditions
- Excite (Sport)
- Normal
- Slippery

## Personal Profiles

- Audio
- Climate
- Displays
- Drivers Assist Features
- Mirrors
- Pedals
- Seats

## Phone As A Key

Rear Axle - Non-Limited Slip - 3.73 (one-speed transfer case on 4x4)

Rear Window Defroster

Remote Start

Symphonic Chimes

#### SYNC® 4

- Enhanced Voice Recognition Communications and Entertainment System
- 13.2" LCD Capacitive Touchscreen in Center Stack with Swipe Capability
- Wireless Phone Connection
- Cloud Connected
- 911 Assist®
- Wireless Apple CarPlay $^{\scriptscriptstyle{\mathsf{M}}}$  and Android Auto $^{\scriptscriptstyle{\mathsf{M}}}$  Compatibility
- Digital Owner's Manual
- Conversational Voice Command Recognition
- SYNC® AppLink® with App Catalog

## Transmission Oil Cooler

## Universal Garage Door Opener

Voice-Activated Touchscreen Navigation System (Connected Built-In Navigation)<sup>6</sup>

- 3 Years of Service
- Pinch-to-Zoom Capability
- Live Traffic
- Predictive Destination and Route Guidance
- One Box Search Function

Note: Includes Sirius XM $^{\circ}$  Traffic and Travel Link $^{\circ}$  with six-year prepaid subscription in the 48 contiguous states. Service not available in AK/HI.

Wireless Charging Pad

<sup>&</sup>lt;sup>3</sup>Subscriptions to all SiriusXM® services are sold by SiriusXM® after trial period. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel you must call SiriusXM® at 1-866-635-2349. See SiriusXM® Customer Agreement for complete terms at www.siriusxm.com. All fees and programming subject to change. Sirius, XM and all related marks and logos are trademarks of SiriusXM® Radio Inc. <sup>4</sup>Lincoln Connect, the Lincoln Way App and Complimentary Connected Services are required for remote features (see Lincoln Way Terms for details). Connected Services and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected Services exclude Wi-Fi® Hot Spot. <sup>5</sup>Wi-Fi hotspot includes complimentary wireless data trial that begins upon AT&T activation and expires at the end of 3-Months or whenever 3GB of data is used, whichever comes first, but cannot extend beyond the trial subscription. To activate, go to www.att.com/lincoln.



## **AVAILABLE FEATURES**

Electronic Traction Assist (eLSD)

Lincoln Play with Amazon Fire TV (Rear Seat Entertainment System with wireless headphones)

Second Row – Heated 40/Console/40 (console with 5.8" LCD and multimedia audio controls

Second Row Heated 40/20/40 Split Bench with PowerFold®

Second Row Enhanced Massage – Heated and Ventilated for Multi-Contour Seats without Console Late Availability

22" 12-Spoke Bright-Machined Aluminum Wheel with Ebony Black Painted Pockets

Chrome Roof Rack with Black Cross Bars and Chrome End Caps

## AVAILABLE PACKAGES

## **LUXURY PACKAGE**

Lincoln Lit Star in Grille

Perfect Position Seats (30-Way) with Active Motion®, Power Thigh Extender and Head Restraints, Heated/Ventilated with Memory

Revel® Ultima 3D Audio System with 28-Speakers (featuring QuantumLogic™ 3D Surround technology)

#### **HEAVY-DUTY TRAILER TOW PACKAGE**

- Class IV with 4-Pin and 7-Pin Connectors
- Pro-Trailer Backup Assist™
- Smart Trailer Tow
- Tiered Cargo Area Management System with Four-Way Configurable Partition
- Trailer Brake Controller
- Trailer Hitch Guide
- Trailer Sway Control
- Two-Speed Transfer Case (4x4 only adds Slow Climb Drive Mode feature to Lincoln Drive Modes)

## **NAVIGATOR PLUS EXTERIOR PACKAGE**

22" Bright Machined Aluminum Wheel with Premium Painted Pockets with 22" All-Season BSW Tire -285/45R22

Panoramic Vista Roof® with Power Sunshade

Power Deployable Illuminated Running Boards

Painted Ebony Note: Includes 18" Spare Wheel with 18" Spare Tire – 275/65R18

#### MONOCHROMATIC PACKAGE

22" Ebony Black Fully Painted Aluminum Wheel with 22" All-Season BSW Tire -285/45R22

Body-Color Exterior Mirror Finish

Monochromatic Lincoln Badge

Monochromatic Lincoln Grille

## **BLACK LABEL - SPECIAL EDITION PACKAGE**

22" Ebony Black Fully Painted Aluminum Wheel

**Black Painted Roof** 

Grille – Unique Chrome Grille Surround with Black Mesh Insert and Bright Chrome Lower Bumper Accent

Roof Rack – Painted Black

Sideview Mirror - Body-Color Painted Cap

Wheel Ornament - Lincoln Star Hub

<sup>&</sup>lt;sup>6</sup>Navigation service requires SYNC®4 and Lincoln Connect™, complimentary connect service and the Lincoln Connect™ app (see Lincoln Connect™ Terms for details). Customer receives a complimentary 3-year trial of navigation services when an eligible vehicle is added to member's Lincoln Connect™ account. Trial period begins with new vehicle warranty start date. At the end of the complimentary period, access to connected navigation services will be discontinued. Connected service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Lincoln Connect™ App, compatible with select smartphone platforms, is available via a download. Message and data rates may apply.

