



2018 LINCOLN NAVIGATOR
**TECHNICAL
 SPECIFICATIONS**

BODY

Construction	Unitized welded steel body
Final assembly location	Kentucky Truck Plant - Louisville, Kentucky

ENGINE

Type	3.5-L TWIN-TURBOCHARGED V6
Production location	Cleveland Engine Plant - Cleveland, Ohio
Configuration	3.5-L TWIN-TURBOCHARGED V6
Displacement	213 cu.in.
Bore x stroke	3.64" x 3.41"
Crankshaft	Forged steel
Valvetrain	Direct acting mechanical buckets, four valves per cylinder, twin independent variable cam shaft timing.
Compression ratio	10:00 : 1
Horsepower	450 @ 5,500 rpm**
Torque	510 lb.-ft. @ 3,000 rpm**
Fuel capacity	23 gallons
Fuel delivery	Electronic multi-port gasoline injection
Fuel economy ratings Navigator 4x2/4x4*	16 mpg city/23 mpg highway/19 mpg combined 16 mpg city/21 mpg highway/18 mpg combined
Fuel economy ratings Navigator L 4x2/4x4*	16 mpg city/22 mpg highway/18 mpg combined 16 mpg city/21 mpg highway/18 mpg combined

DRIVETRAIN

Layout	All-wheel drive/Rear-wheel drive
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TRANSMISSION

	10-Speed Automatic Transmission with SelectShift®
GEAR RATIOS	
First	4.70:1
Second	2.98:1
Third	2.15:1
Fourth	1.77:1
Fifth	1.52:1
Sixth	1.27:1
Reverse	4.87:1
Final drive ratio	3.73:1

*Actual mileage will vary. **Horsepower and torque ratings achieved with 93-octane fuel.



THE LINCOLN MOTOR COMPANY

For more information, contact Amanda Park at 313.522.2105 or apark5@lincoln.com.

SUSPENSION

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

STEERING

Type	Adaptive Steering
Steering column	Power-tilt/telescoping steering column with memory
Ratio	Variable
Turning diameter, curb-to-curb, FT.	40.8

BRAKES

Type	Front Twin Piston Brakes/Rear Solid Brakes
Front	13.8" Vented Disc Rotors with Vented
Rear	13.8" Vented Disc Rotors

WHEELS AND TIRES

Wheel sizes and type Standard	20" 14-spoke ultra bright machined-aluminum wheel, with painted pockets Standard on Premiere Equipment Group	22" 12-spoke ultra-bright machined-aluminum wheel with Tarnish Dark Paint Standard on Select Equipment Group	22" 16-spoke ultra-bright machined-aluminum wheel, with Tarnish Dark Paint Standard on Reserve Equipment Group
Tire size	P275/55HR20	P285/45HR22	P285/45HR22
Wheel sizes and type Optional	22" 6-spoke ultra-bright machined-aluminum wheel, with Premium Painted pockets and satin finish. Optional on Select/Reserve Equipment Group		
Tire size	P285/45HR22		

DIMENSIONS (INCHES UNLESS OTHERWISE NOTED)

EXTERIOR	NAVIGATOR / NAVIGATOR L	LEG ROOM	NAVIGATOR / NAVIGATOR L
Wheelbase	122.5 / 131.6	First row	43.9 / 43.9
Overall length	210.0 / 221.9	Second row	41.1 / 41.1
Overall width (including mirrors)	93.8 / 93.8	Third row	42.3 / 42.3
Overall height	Navigator (4x2) 76.4 / (4x4) 76.3 Navigator L (4x2) 76.2 / (4x4) 76.1	SHOULDER ROOM	
Track width (front/rear)	67.6 / 67.2	First row (maximum)	65.2 / 65.2
INTERIOR		Second row	65.1 / 65.1
Seating capacity	8	Third row	64.2 / 64.3
HEAD ROOM	NAVIGATOR / NAVIGATOR L	HIP ROOM	
First row	41.8 / 39.5	First row	61.9 / 61.9
Second row	40.0 / 37.9	Second row	61.6 / 61.6
Third row	37.3 / 37.4	Third row	51.4 / 51.4

WEIGHTS AND CAPACITIES

	NAVIGATOR 4X2/4X4	NAVIGATOR L 4X2/4X4
Base curb weight	5,685 / 5,855 lbs.	5,926 / 6,056 lbs
Cargo volume behind front row	103.3 cu. ft.	120.2 cu. ft.
Cargo volume behind second row	57.5 cu. ft.	73.3 cu. ft.
Cargo volume behind third row	19.3 cu. ft.	34.3 cu. ft.
Total passenger volume	172.0 cu. ft.	165.3 cu. ft.
Towing capacity	8,700 / 8,300	8,400 / 8,100

Specifications are subject to change.