

2025 FORD EXPEDITION® SSV

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

Type	3.5-liter twin-EcoBoost® V6
Manufacturing location	Cleveland Engine Plant, Cleveland, Ohio
Configuration	60-degree V6
Intake manifold	Cast exhaust manifolds
Valvetrain	Twin independent variable camshaft timing (TI-VCT)
Pistons	Aluminum
Rod material	Powder metal steel
Ignition	Coil-on-plug
Engine block type	Aluminum
Cylinder head material	Aluminum alloy
Bore and stroke	3.64 in. x 3.41 in.
Compression ratio	10.5:1
Engine control system	Powertrain control module
Crankshaft	Forged steel
Recommended fuel	Regular
Fuel capacity	23.2 gallons (standard wheelbase); 27.8 gallons (extended wheelbase)
Oil capacity	6.0 quarts (with oil filter)
Horsepower	400 @ 5,200 rpm
Torque	480 lb.-ft. @ 3,000 rpm
Displacement	3.5 liters
Forced induction	Twin turbo with electronic controls
Injection	Port fuel and direct injection
Maximum boost pressure	20 psi
Firing order	1-4-2-5-3-6
Idle speed	625 rpm
Red line	6,500 rpm
Throttle body size	68 mm
Exhaust configuration	Single exhaust

DRIVETRAIN

Layout	Rear-wheel drive standard; Control Trac® four-wheel drive available; Control Trac with eLocker (3.73 Limited Slip Differential) — included with Tremor® models
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TRANSMISSION

Gear ratios	10-speed automatic with SelectShift®
	4x4
First	4.696:1
Second	2.985:1
Third	2.146:1
Fourth	1.769:1
Fifth	1.52:1
Sixth	1.275:1
Seventh	1.000:1
Eighth	0.854:1
Ninth	0.689:1
10th	0.636:1
Reverse	4.866:1
Final drive ratio	3.73:1

SUSPENSION

Front configuration	Independent short- and long-arm, coil-over shocks with stabilizer bar
Front shocks	Gas-charged (continuously controlled damping available)
Rear configuration	Independent multi-link with stabilizer bar
Rear shocks	Gas-charged (continuously controlled damping available)

STEERING

Type	Electric power-assisted rack-and-pinion
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BRAKES

Type	Power four-wheel disc antilock brake system with brake assist and electronic brake force distribution
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WHEELS AND TIRES

Wheels	18" X 8.5" Dark Alloy-painted aluminum
Tires	P265/70R18E All-Terrain (A/T) BSW

EXTERIOR DIMENSIONS (inches unless otherwise noted)

	Expedition SSV	Expedition MAX SSV
Wheelbase	122.5	131.5
Length	209.9	221.7
Height (maximum)	78.1	78
Body width (maximum)	80	80
Vehicle width (including mirrors)	94.6	94.6
Vehicle width (mirrors folded)	84.6	84.6
Front track	68.1	68.1
Rear track	67.8	67.8
Front overhang	38.1	38.1
Rear overhang	49.3	52.1
Approach angle	21.1 degrees	21.5 degrees
Departure angle	23.5 degrees	22.3 degrees
Ramp breakover angle	19.3 degrees	18.3 degrees
Minimum running ground clearance	8.7	8.8



INTERIOR DIMENSIONS (inches unless otherwise noted)

	Expedition SSV	Expedition MAX SSV
Headroom, first row (maximum)	41.8	41.8
Headroom, second row	40	40
Headroom, third row	37.4	37.4
Legroom, first row (maximum)	43.9	43.9
Legroom, second row	41.1	41.1
Legroom, second row (seat full rearward)	42.2	42.2
Legroom, third row	36.5	36.5
Legroom, third row (second-row full forward)	43.5	43.5
Hip room, first row (maximum)	62.3	62.3
Hip room, second row	62.3	62.3
Hip room, third row	51.4	51.4
Shoulder room, first row (maximum)	64.9	64.9
Shoulder room, second row	64.8	64.8
Shoulder room, third row	64.2	64.2

CAPACITIES (cubic feet unless otherwise noted)

Base curb weight	4x4 – 5668 lbs.	
Passenger volume	171.8	
Cargo volume behind first row	108.5	
Cargo volume behind second row	60.8	
Cargo volume behind second row (seats full forward)	69.9	
Cargo volume behind third row	N/A	21.6
Cargo volume behind third row (seats full upright)	N/A	22.9

TOWING

	4x4	4x4
Maximum trailer weight	9,600 lbs.*	9,000 lbs.*
Minimum GCWR	15,900 lbs.	15,600 lbs.

TECHNOLOGY

Driver-assist features (standard)	360-Degree Camera; Adaptive Cruise Control; Automatic Emergency Braking; Auto High Beams; Blind Spot Assist; BLIS® with Cross-Traffic Alert; BLIS with Trailer Coverage; Evasive Steering Assist; Lane-Keeping System; Pre-Collision Assist® with Automatic Emergency Braking; Pro-Trailer Hitch Assist™; Post-Collision Braking; rearview camera; Reverse Brake Assist; Pro-Trailer Backup Assist™
Safety and security	PAITRO (Police Accessory Independent Timed-Release Output), Dark Car (interior lights deactivation) (late availability)

*When properly equipped. Max towing varies based on cargo, vehicle configuration, accessories and number of passengers.

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