

2020 FORD EXPLORER

# TECHNICAL SPECIFICATIONS



## BODY

Body style	Sport utility vehicle
Construction	Unibody
Trim levels	Base, XLT, Limited and Platinum
Final assembly location	Chicago Assembly Plant

## ENGINE

	Base, XLT, Limited	Platinum
	2.3-liter EcoBoost® I-4	3.0-liter EcoBoost V6
Configuration	Aluminum block and head	60-degree V6, compacted graphite iron aluminum block, aluminum head
Manufacturing location	Cleveland Engine Plant	Lima Engine Plant
Intake manifold	Composite shell-welded with runner pack	Composite shell-welded with runner pack
Exhaust manifold	Three-port integrated into aluminum head	Integrated into aluminum head
Valvetrain	DOHC, four valves per cylinder, twin independent variable camshaft timing	DOHC, roller finger follower, four valves per cylinder, twin independent variable camshaft timing
Valve diameter/lift	Intake, 32.5 millimeters/8.9638 millimeters Exhaust, 30.0 millimeters/7.8 millimeters	Intake: 32.5 millimeters/10 millimeters Exhaust: 28.3 millimeters/9 millimeters
Pistons	Cast aluminum	Cast aluminum
Connecting rods	Powered metal	Forged steel
Ignition	Distributor-less with coil-on-plug	Distributor-less with coil-on-plug
Bore and stroke	87.55 millimeters x 94 millimeters	85.4 millimeters x 86.0 millimeters
Displacement	140 cu. in.	183.1 cu. in.
Compression ratio	10.0:1	9.5:1
Engine control system	PCM	PCM
Crankshaft	Forged steel	Forged steel
Horsepower	300	365
Torque	310 lb.-ft.	380 lb.-ft.
Recommended fuel	Unleaded gasoline, regular grade	Unleaded gasoline, premium grade
Fuel delivery	Direct injection	Direct injection
Oil capacity	5.2 quarts with oil filter	6 quarts without oil filter
Coolant capacity	12.8 liters to 13.8 liters	16.4 liters

## DRIVETRAIN

Layout	Rear-wheel drive with available intelligent four-wheel drive with front axle disconnect	Intelligent four-wheel drive with front axle disconnect
--------	---	---

## TRANSMISSION

10-speed automatic with SelectShift® capability	10-speed automatic with SelectShift capability
---	--

## GEAR RATIOS

First	4.714
Second	2.997
Third	2.149
Fourth	1.769
Fifth	1.521



Sixth	1.275
Seventh	1.000
Eighth	0.853
Ninth	0.689
10th	0.636
Reverse	-4.885

## BRAKES

Type	Four-wheel disc brakes with antilock brake system Heavy-duty front brake calipers (standard) Heavy-duty rear brake calipers (standard on Limited and Platinum)
------	--

## WHEELS AND TIRES

Wheels	18-inch painted aluminum (standard on Base) 18-inch five-spoke sparkle silver-painted aluminum (standard on XLT) 20-inch polished aluminum (optional on XLT, standard on Limited) 20-inch hand-polished aluminum (optional on Limited) 20-inch bright machined-face aluminum (standard on Platinum) 21-inch premium aluminum (optional on Platinum)
Tires	255/65R/18 255/55R/20 275/45R/21

## DIMENSIONS (INCHES UNLESS OTHERWISE NOTED)

<b>Exterior</b>		
Wheelbase	119.1	119.1
Length	198.8	198.8
Width, excluding mirrors	78.9	78.9
Width, including mirrors	89.3	89.3
Width, mirrors folded	82.7	82.7
Height	69.9	70.2
Track, front curb	66.9	66.9
Track, rear curb	66.9	66.9
Front overhang	33.7	33.7
Rear overhang	46.0	46.0
Approach angle	20.1 degrees	21.0 degrees
Departure angle	22.0 degrees	22.3 degrees
Ramp breakover angle, curb	17.1 degrees	17.7 degrees
Minimum running ground clearance	7.9	8.2
<b>Interior</b>		
Seating capacity	Seven	Seven
First-row headroom	40.7	40.7
First-row legroom	43.0	43.0
First-row shoulder room	61.8	61.8
First-row hip room	59.2	59.2
Second-row headroom	40.5	40.5
Second-row legroom	39.0	39.0
Second-row shoulder room	61.9	61.9
Second-row hip room	59.1	59.1
Third-row headroom	38.9	38.9
Third-row legroom	32.2	32.2



Third-row shoulder room	54.6	54.6
Third-row hip room	40.9	40.9
<b>Weights and Capacities</b>		
Total passenger volume	152.7 cu. ft.	146.8 cu. ft.
Cargo volume behind first row	87.8 cu. ft.	87.8 cu. ft.
Cargo volume behind second row	47.9 cu. ft.	47.9 cu. ft.
Cargo volume behind third row	18.2 cu. ft.	18.2 cu. ft.
Base curb weight	4,345 lbs.	4,727 lbs.
<b>Additional Cargo Dimensions</b>		
Lift-in height	31.1	31.7
Cargo height	32.8	32.8
Rear opening height	31.5	31.5
Maximum cargo height	33.7	33.7
Cargo length closed – first	83.9	83.9
Cargo length closed – second	49.8	49.8
Cargo length closed – third	20.8	20.8
Cargo length above floor, behind first row	78.5	78.5
Cargo length above floor, behind second row	43.4	43.4
Cargo length above floor, behind third row	12.7	12.7
Compartment width, maximum	59.0	59.0
Cargo width, wheelhouse	48.1	48.1
Rear opening width, lower	47.9	47.9
Interior cargo volume (maximum cargo/minimum passenger)	147.5	144.8
Interior cargo volume (minimum cargo/maximum passenger)	170.9	165.0
Volume first-row compartment	59.7	56.9
Volume second-row compartment	56.6	53.5
Volume third-row compartment	36.4	36.4

## TECHNOLOGY

### DRIVER-ASSIST FEATURES

Standard	Co-Pilot360™ includes Blind Spot Information System with cross-traffic alert, Lane-Keeping System, hill start assist, rearview camera with built-in lens washer, auto headlamps with auto high-beams, Pre-Collision Assist with automatic emergency braking with Pedestrian Detection, forward collision warning and dynamic brake support, and post-impact braking
Available	Ford Co-Pilot360 Assist+™ includes Ford Co-Pilot360 content plus adaptive cruise control with stop-and-go and lane-centering, speed sign recognition, evasive steering assist, voice-activated touch screen navigation with pinch-to-zoom capability, SiriusXM™ Traffic and Travel Link
	Active Park Assist 2.0
	Reverse brake assist
	360-degree camera with front split-view
	Intelligent adaptive cruise control with speed sign recognition
	Hill Descent Control™
	Blind Spot Information System with trailer tow coverage (when equipped with trailer tow)
	Rain-sensing wipers

