

## 2023 FORD BRONCO FOUR-DOOR MODEL

# TECHNICAL SPECIFICATIONS



### BODY

Vehicle type	Midsized four-door rugged 4x4 SUV
Trim series	Outer Banks™, Badlands™
Final assembly location	Michigan Assembly Plant, Wayne, Michigan

### ENGINES

	<b>2.7-litre EcoBoost</b>
Configuration	Ti-VCT GTDI 60-degree V6
Displacement	2,694 cc
Bore x stroke	83 mm x 83 mm
Compression ratio	10.0:1
Fuel delivery	Port fuel/direct injection
Engine control system	Chassis integrated powertrain control module
Engine block material	Compacted graphite iron
Pistons	Lightweight, high-strength cast aluminium with low-friction skirt coating and steel ring
Connecting rods	Forged steel
Crankshaft	Forged steel
Valve diameter/lift	Intake, 32.50 mm/10 mm Exhaust, 28.30 mm/9.0 mm
Valve lifters	Roller finger follower, hydraulic compensating lash adjusters
Intake	Composite
Ignition	Coil on plug
Induction	Dual mono-scroll turbochargers with electrically actuated wastegate
Exhaust	Integrated cylinder head casting
Recommended fuel	Regular unleaded 87 octane minimum
Oil capacity	6.6 litres
Coolant capacity	11.7 litres
Exhaust system	Double catalyst with resonator and single muffler
Alternator	Standard: Single 240A
Battery group	H7 AGM 80 AH 800 CCA
Max power	335 PS @ 5,250 rpm
Max torque	563 Nm @ 3,100 rpm
Build location	Lima Engine Plant

### PERFORMANCE AND ECONOMY

	Outer Banks	Badlands
CO <sub>2</sub> (g/km) <sup>1</sup>	319	332
Fuel consumption l/100 km <sup>1</sup>	13.4	13.9
Max speed (km/h)	161	161
0-100 km/h 0-62 mph (sec)	6.7	7.2

<sup>1</sup>The determined fuel/energy consumptions, CO<sub>2</sub> emissions are determined according to regulation (EU) 2018/858. For editorial use only. Information correct at time of publication. Check [media.ford.com](https://media.ford.com) for updates.



## DRIVETRAIN

Layout Longitudinally mounted front engine with centre-mounted transfer case, independent front axles/solid rear axles

## TRANSMISSIONS

Standard 10-speed automatic

Gear Ratios	
First	4.714:1
Second	2.997:1
Third	2.149:1
Fourth	1.769:1
Fifth	1.521:1
Sixth	1.275:1
Seventh	1.000:1
Eight	0.853:1
Ninth	0.689:1
Tenth	0.636:1
Reverse	-4.885:1

Transfer Cases	Outer Banks	Badlands
	4x4 with part-time engagement electronic shift-on-the-fly, 2.72:1 low ratio	Advanced 4x4 with 4A mode automatic on-demand engagement, 3.06:1 low ratio
Maximum crawl ratios	47.83:1 – 10-speed automatic with standard ESOF	64.33 – 10-speed automatic with optional Advanced 4x4
Flat-tow capability	Yes	Yes
Axles	Outer Banks	Badlands
Front	Dana™ AdvanTEK® M190 independent front suspension	Dana™ AdvanTEK® M210 independent front suspension with Spicer® Performa-TraK electronic locker
Rear	Dana 44™ AdvanTEK M220 solid rear differential	Dana 44™ AdvanTEK M220 solid rear differential with Spicer® Performa-TraK electronic locker

## CHASSIS

Type Body-on-frame; fully boxed high-strength steel frame with seven cross members, High-Performance Off-Road Stability Suspension (HOSS) System with low-mass independent front suspension, five-link solid rear axle with Panhard rod and outboard coilover springs

Suspensions	Outer Banks	Badlands
Front	Twin forged alloy A-arms with long-travel coil-over springs, HOSS-tuned heavy-duty dampers	Twin forged alloy A-arms with long-travel coil-over springs, Bilstein® position-sensitive dampers with end-stop control valves
Rear	220 mm solid rear axle with long-travel, variable rate coil-over springs, HOSS-tuned heavy-duty dampers	220 mm solid rear axle with long-travel, variable rate coil-over springs, Bilstein position-sensitive dampers with end-stop control valves

Off-road capability Four-door

Ground clearance (millimetres)	237 (Outer Banks) 261 (Badlands)
Suspension travel front/rear (millimeters)	202/249 (Outer Banks) 222/259 (Badlands)
Approach angle (degrees)	38.1 (Outer Banks) 40.6 (Badlands)
Ramp angle (degrees)	21.9 (Outer Banks) 23.6 (Badlands)
Departure angle (degrees)	31.4 (Outer Banks) 33.3 (Badlands)
Maximum water fording (millimetres)	800 (Outer Banks) 800 (Badlands)



## STEERING

	Four-door
Type	Three-mode rack-and-pinion steering with standard, comfort and sport modes controlled via Terrain Management System™ with G.O.A.T. Modes™ (Goes Over Any Type of Terrain)
Turning radius (kerb-to-kerb)	12.13 m (Badlands)

## BRAKES

	Front	Rear
Type	Four-wheel power disc brakes with four-sensor, four-channel antilock braking system and electronic stability control	
Boost	Electronic brake boost	
Brake configuration	Vented discs, twin-piston floating caliper	Discs with single-piston floating caliper, integral electronic parking brake
Disc diameter/thickness	311 mm x 34 mm	308 mm x 24 mm
Pad material	Non-asbestos organic	Non-asbestos organic
Caliper type	Twin 51-mm floating	Single 54-mm floating
Pad swept area	413 cm <sup>2</sup>	373 cm <sup>2</sup>

## BODY

	Four-door
Tops standard	Removable hardtop
Roof panel weight (kg)	6.2 front left, 6.6 front right, 12.8 mid panel
Doors/storage	Four removable frameless doors** Available rear storage for four doors
Door weight (kg)	Front 25/Rear 20
Modular section	Doors, roof panels, front fenders, grille, fender flares, rear quarter panels, bumpers
Rock rail	Standard on Badlands series dealer installed accessory on all other Bronco series
Tube steps	Standard on Outer Banks
Underbody protection	Badlands: Six steel underbody shields including engine shield, transfer case shield, fuel tank shield, shin guards, stabiliser-bar shield and heavy-duty front bash plate
Trail sights with 68 kg tie-down capacity	Standard on all Bronco series

## TECHNOLOGY

Terrain Management with G.O.A.T. Modes	Badlands, (7): Normal, Eco, Slippery, Mud/Ruts, Baja, Sand and Rock Crawl Outer Banks (6): Normal, Eco, Sport, Slippery, Mud/Ruts and Sand	
Trail Control *	Standard on all Bronco series with 10-speed automatic transmission	
Trail Turn Assist *	Standard on all Bronco series with 10-speed automatic transmission	
Trail One-Pedal Drive *	Standard on all Bronco series with 10-speed automatic transmission	

	Outer Banks	Badlands
HMI/audio system, SYNC 4 system	12-inch	12-inch
360-degree camera system	S	S
B&O sound system® with 10 speakers	S	S

### Advanced Driver Assistance Systems \*

#### Includes:

- Auto high beam headlamps
- Blind Spot Information System with cross-traffic alert
- Pre-Collision Assist with Automatic Emergency Braking
- Lane-Keeping System includes:
  - Lane-keeping alert
  - Lane-keeping assist
  - Driver alert
- Rearview camera with backup assist grid lines
- 360-degree camera
- Forward sensing system
- Adaptive cruise control
- Evasive steering assist

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\*Driver-assist features are supplemental and do not replace the driver's attention, judgement and need to control the vehicle.

It does not replace safe driving. See Owner's Manual for details and limitations

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\*\*Removal of doors for off-road use only. See Bronco Owner's Manual for detailed information.



## SAFETY/CONTROL SYSTEMS

ABS/stability control	AdvanceTrac® with Roll Stability Control®, electronic stability control standard on all models, trailer sway control, electric power-assisted steering, and ABS
Airbags	First-row driver and passenger dual-stage front and seat side airbags All rows: Safety Canopy side-curtain airbags with rollover sensors for all rows

## LIGHTING/CONVENIENCE

	Outer Banks	Badlands
Headlamps Auto on/off LED Auto high-beam	S	S
Bronco signature LED lighting	S	S
LED fog lamps	S	S
Mirror LED approach lamps	S	S
Overhead upfitter switches with six-pre-wired user-defined electrical connections	N/A	S
Dual-control HVAC automatic temperature control	S	S
Heated front seats	S	S
Central locking system with keyless entry and push-button start	S	S
Intelligent access (lock/unlock)	S	S
Remote start system with FordPass	S	S
Power window	S	S

### Accessory Electrical

One 230V AC 400W power outlet (rear of centre console)  
Power points (12V) – one (1) centre floor console, one (1) cargo area  
Standard: Smart Charging Multimedia USB Ports, First Row – One (1) USB-A and one (1) USB-C; Smart Charging USB Ports, Second Row – One (1) USB-A and one (1) USB-C in the back side of the centre floor console. Smart Charging USB Ports, dash board – One (1) USB-A and one (1) USB-C

## WHEELS

	Series	
Standard	Outer Banks	18-inch bright machined black high-gloss-painted
Standard	Badlands	17-inch machined Carbonised Grey-painted

## TYRES (INCHES)

	32	33
Diameter		
Width	255/70R18	285/70R17
Wheel size	18x7.5	17x8
Tread type	A/T	A/T
Supplier	Bridgestone	BFGoodrich
Brand	Dueler A/T RH-S	All-Terrain TA KO2
Series	Outer Banks	Badlands



## DIMENSIONS/CAPACITIES (MM)

Wheelbase	Four-door
All series	2,950
Length	
Outer Banks	4,811
Badlands	4,800
Height	
Outer Banks	1,852
Badlands	1,962
Width (with mirrors folded)	
Outer Banks	1,928
Badlands	1,937
Track width, front/rear	
Outer Banks	1,653/1,650
Badlands	1,648/1,650
Seating capacity	
Outer Banks	Five
Badlands	Five
Headroom	
First row, hardtop	1,037
Second row, hardtop	1,018
Legroom	
First row	1,096
Second row	921
Hip room	
First row	1,420
Second row	1,393
Shoulder room	
First row	1,450
Second row	1,434
Cargo Capacities	
Open Luggage Compartment - Second (no cargo shade)	
Outer Banks	471
Badlands	546
Open Luggage Compartment - Optimised Behind Second Seat (no cargo shade)	
Outer Banks	504
Badlands	562
Largest Luggage Compartment - First (2-seat mode; laden to roof) - Includes 7 litres for under floor bin volume (V209)	
Outer Banks	1780
Badlands	1804
Largest Luggage Compartment - Second (5-seat mode; laden to roof)	
Outer Banks	820
Badlands	873



## DIMENSIONS/CAPACITIES (MM)

### Cargo Compartment Dimensions

#### Lift in Height

Outer Banks	876
Badlands	808

#### Cargo Height

Outer Banks	948
Badlands	1027

#### Rear Opening Height

Outer Banks	830
Badlands	922

#### Cargo Length At Floor - Behind Front Row (with full size spare (if app))

Outer Banks	1782
Badlands	1782

#### Cargo Length At Floor - Behind Second Row

Outer Banks	956
Badlands	830

#### Compartment Width - Maximum

Outer Banks	1393
Badlands	1393

#### Cargo Width - Wheel House

Outer Banks	1098
Badlands	1093

#### Rear Opening Width - Lower

Outer Banks	1078
Badlands	1078

#### Fuel capacity (litres)

Outer Banks	79
Badlands	79

## MAXIMUM CONVENTIONAL TOWING CAPABILITIES

	Kerb weight <sup>1</sup>	Ratings		Max Towable Mass (unbraked) <sup>2</sup>	Roof Load
		Gross Vehicle Mass	Gross Train Mass		
Trim	Total	Total	Total	Total	Total
Outer Banks	2,214	2,700	3,950	1,250	50
Badlands	2,343	2,805	3,805	1,000	50

<sup>1</sup> Represents the lightest kerbweight assuming, full fluid levels and 90 per cent fuel levels, subject to manufacturing tolerances and options, etc., fitted. <sup>2</sup> Towing limits quoted represent the maximum towing ability of the vehicle at its Gross Vehicle Mass to restart on a 12 per cent gradient at sea level. The performance and economy of all models will be reduced when used for towing. Gross Train Mass includes trailer weight. For editorial use only. Information correct at time of publication. Check [media.ford.com](http://media.ford.com) for updates.

