

2020 DEFENDER

SPEC SHEET¹



ABOVE & BEYOND





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	2020 DEFENDER 90 (MHEV GAS) 3.0 TC I6 395HP	2020 DEFENDER 110 (GAS) 2.0 TC I4 296HP	2020 DEFENDER 110 (MHEV GAS) 3.0 TC I6 395HP
Available Trims	First Edition	Defender S	SE HSE X First Edition
ENGINE			
Engine Layout	Inline 6	Inline 4	Inline 6
Induction	Turbocharged with Electric Boost	Turbocharged	Turbocharged with Electric Boost
Displacement (cc)	2,996.0	1,997.3	2,996.0
Bore / Stroke (mm)	83.0 x 92.3	83.0 x 92.3	83.0 x 92.3
Compression Ratio (:1)	10.5	9.5	10.5
Max Power (hp)	395 @ 5,500rpm	296 @ 5,500rpm	395 @ 5,500rpm
Max Torque (lb ft)	406 @ 2,000-5,000rpm	295 @ 1,500-4,000rpm	406 @ 2,000-5,000rpm
ELECTRIC DRIVE / BATTERY			
Electric Motor Type	Permanent Magnet	-	Permanent Magnet
Battery Type	Lithium Ion	-	Lithium Ion
TRANSMISSION / DRIVETRAIN			
Transmission Type	ZF® 8-Speed Automatic (8HP76)	ZF® 8-Speed Automatic (8HP45)	ZF® 8-Speed Automatic (8HP76)
1st (:1)	5.500 / 16.115	4.714 / 13.812	5.500 / 16.115
2nd (:1)	3.520 / 10.314	3.143 / 9.209	3.520 / 10.314
3rd (:1)	2.200 / 6.446	2.106 / 6.171	2.200 / 6.446
4th (:1)	1.720 / 5.040	1.667 / 4.884	1.720 / 5.040
5th (:1)	1.317 / 3.859	1.285 / 3.765	1.317 / 3.859
6th (:1)	1.000 / 2.930	1.000 / 2.930	1.000 / 2.930
7th (:1)	0.823 / 2.411	0.839 / 2.458	0.823 / 2.411
8th (:1)	0.640 / 1.875	0.667 / 1.954	0.640 / 1.875
Reverse (:1)	-3.993 / -11.699	-3.295 / -9.654	-3.993 / -11.699
Final Drive Ratio (:1)	3.55	4.10	3.55
Transfer Box Ratio (:1)	2.93	2.93	2.93
Four Wheel Drive System ²	Permanent Four Wheel Drive with Terrain Response®	Permanent Four Wheel Drive with Terrain Response®, Optional Terrain Response® 2	Permanent Four Wheel Drive with Terrain Response®, Optional Terrain Response® 2* and Optional Locking Center and Active Locking Rear Differential**

*standard on First Edition and X models

**standard on X models



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SUSPENSION / STEERING / BRAKES			
Front Suspension	SLA with Double Wishbone Twin Lower Links		
Rear Suspension	Integral Link		
Steering	Electronic Power Assisted Steering (EPAS) Rack and Pinion		
Turning Circle - Curb-to-Curb (ft)	37.1	42.1	42.1
Brake Diameter (in)	Front: 14.3 Rear: 13.8	Front: 13.7 Rear: 12.8	Front: 14.3 Rear: 13.8
WHEELS / TIRES			
Available Wheel Sizes (in)	18 x 8.0 19 x 8.0 20 x 8.5 22 x 9.0	18 x 8.0 19 x 8.0 20 x 8.5 22 x 9.0	18 x 8.0 19 x 8.0 20 x 8.5 22 x 9.0
Available Tire Sizes	255/70R18 255/65R19 255/60R20 275/45R22	255/70R18 255/65R19 255/60R20 275/45R22	255/70R18 255/65R19 255/60R20 275/45R22
EXTERIOR DIMENSIONS			
Overall Length (in)	Without Rear Mounted Spare Wheel: 170.2 With Rear Mounted Spare Wheel: 180.4	Without Rear Mounted Spare Wheel: 187.3 With Rear Mounted Spare Wheel: 197.6	Without Rear Mounted Spare Wheel: 187.3 With Rear Mounted Spare Wheel: 197.6
Overall Height (in)	77.5	77.4	77.4
Overall Width (excluding mirrors) (in)	78.6	78.6	78.6
Overall Width (with mirrors folded) (in)	79.1	79.1	79.1
Overall Width (with mirrors out) (in)	82.9	82.9	82.9
Wheelbase (in)	101.9	119.0	119.0
Front Overhang (in)	33.3	33.3	33.3
Rear Overhang (in)	Without Rear Mounted Spare Wheel: 35.1 With Rear Mounted Spare Wheel: 45.3	Without Rear Mounted Spare Wheel: 35.1 With Rear Mounted Spare Wheel: 45.3	Without Rear Mounted Spare Wheel: 35.1 With Rear Mounted Spare Wheel: 45.3
Front Track (in)	67.2	67.1	67.1
Rear Track (in)	67.0	66.9	66.9
Drag Coefficient (Cd)	From 0.40	From 0.38	From 0.40



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INTERIOR DIMENSIONS			
Available Seating	5/6 Seating	5/6 Seating or 5+2 Seating	5/6 Seating or 5+2 Seating
Headroom (in)	Row 1: 40.6 Row 2: 38.6	Row 1: 40.6 Row 2: 40.4 Row 3: 40.7 (5+2 Seating)	Row 1: 40.6 Row 2: 40.4 Row 3: 40.7 (5+2 Seating)
Shoulder Room (in)	Row 1: 60.8 Row 2: 56.4	Row 1: 60.8 Row 2: 59.2 Row 3: 48.3 (5+2 Seating)	Row 1: 60.8 Row 2: 59.2 Row 3: 48.3 (5+2 Seating)
Legroom (in)	Row 1: 39.1 Row 2: 36.6	Row 1: 39.1 (5/6 Seating) / 39.1 (5+2 Seating) Row 2: 39.1 (5/6 Seating) / 38.4 (5+2 Seating) Row 3: 20.5 (5+2 Seating)	Row 1: 39.1 (5/6 Seating) / 39.1 (5+2 Seating) Row 2: 39.1 (5/6 Seating) / 38.4 (5+2 Seating) Row 3: 20.5 (5+2 Seating)
Luggage Capacity (cu ft)	Behind Row 1: 58.3 Behind Row 2: 15.6	Behind Row 1: 78.8 (5/6 Seating) / 69.0 (5+2 Seating) Behind Row 2: 34.0 (5/6 Seating) / 34.6 (5+2 Seating) Behind Row 3: 10.7 (5+2 Seating)	Behind Row 1: 78.8 (5/6 Seating) / 69.0 (5+2 Seating) Behind Row 2: 34.0 (5/6 Seating) / 34.6 (5+2 Seating) Behind Row 3: 10.7 (5+2 Seating)
Loadspace Length (in)	Behind Row 1: 51.7 Behind Row 2: 18.1	Behind Row 1: 69.4 (5/6 Seating) / 70.4 (5+2 Seating) Behind Row 2: 36.2 (5/6 Seating) / 35.4 (5+2 Seating) Behind Row 3: 11.4 (5+2 Seating)	Behind Row 1: 69.4 (5/6 Seating) / 70.4 (5+2 Seating) Behind Row 2: 36.2 (5/6 Seating) / 35.4 (5+2 Seating) Behind Row 3: 11.4 (5+2 Seating)
OFF-ROAD DIMENSIONS			
Approach Angle (deg)	30.1	30.1	30.1
Approach Angle (in off-road height) (deg)	38.0	38.0	38.0
Departure Angle (deg)	37.6	37.7	37.7
Departure Angle (in off-road height) (deg)	40.0	40.0	40.0
Ramp Breakover Angle (deg)	24.2	22.0	22.0
Ramp Breakover Angle (in off-road height) (deg)	31.0	28.0	28.0
Wading Depth (in off-road height) (in)	35.4	35.4	35.4
Ground Clearance (in)	8.5	8.6	8.6
Ground Clearance (in off-road height) (in)	11.5	11.5	11.5
Maximum Ascent / Descent Gradient (deg)	45.0	45.0	45.0
Maximum Side Slope Traverse Gradient (deg)	45.0	45.0	45.0



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PERFORMANCE³			
0-60 mph (s)	5.7	7.7	5.8
0-100 km/h (s)	6.0	8.1	6.1
50-75 mph (s)	3.6	5.3	3.7
Top Speed (mph)	129	119	129
WEIGHT			
Curb Weight (lbs)	4,830	4,815 (5 seat) 4,865 (6 seat) 4,940 (5+2 seating)	5,035 (5 seat) 5,090 (6 seat) 5,165 (5+2 seating)
Gross Vehicle Weight (lbs)	6,610	6,845 (5/6 seating) 7,054 (5+2 seating)	6,975 (5/6 seating) 6,977 (5/6 seating - X models) 7,165 (5+2 seating) 7,160 (5+2 seating - X models)
TOWING			
Maximum Permissible Towable Mass (lbs)	8,201	8,201	8,201
Maximum Permissible Unbraked Towable Mass (lbs)	1,653	1,653	1,653
FUEL ECONOMY			
EPA City	TBD	TBD	TBD
EPA Highway	TBD	TBD	TBD
EPA Combined	TBD	TBD	TBD
Fuel Tank Capacity (gal)	23.4	23.8	23.8

(1) Manufacturer's figures. Correct at time of going to press.

(2) These systems are not a substitute for driving safely with due care and attention and will not function under all circumstances, speeds, weather and road conditions, etc.
Driver should not assume that these systems will correct errors of judgment in driving.

(3) Always follow local speed limits.