

2018 RAM 1500  
**CANADIAN  
 SPECIFICATIONS**

**FCA CANADA**  
**2018 Ram 1500**  
**CANADIAN SPECIFICATIONS**

*Specifications are based on the latest product information available at the time of publication.  
 All dimensions are in millimetres (inches) unless otherwise noted.  
 All dimensions measured at curb weight with standard tires and wheels.*

**GENERAL INFORMATION**

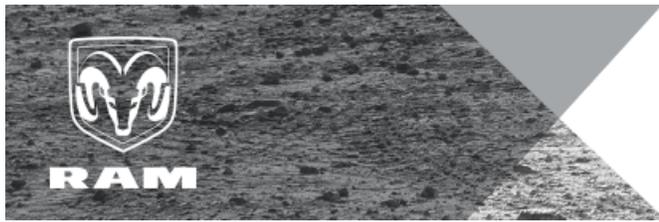
Vehicle Type	Regular Cab, Quad Cab and Crew Cab, 2WD, 4WD
Assembly Plant	Regular Cab: Saltillo Truck Assembly, Coahuila, Mexico Quad Cab: Warren Truck Assembly Plant, Warren, Michigan, USA Crew Cab: Warren Truck Assembly Plant, Warren, Michigan, USA, and Saltillo Truck Assembly, Coahuila, Mexico
EPA Vehicle Class	Standard Pickup

**BODY/CHASSIS**

Layout	2WD — Longitudinal, front engine 4WD — Longitudinal, front engine, transfer case
Construction	2WD — Ladder-type frame, steel cab, double-wall steel pickup box 4WD — Ladder-type frame, steel cab, double-wall steel pickup box

**ENGINE: 3.6-LITRE PENTASTAR V6**

Type and Description	60-degree V-type, liquid-cooled
Displacement	220 cu. in. (3,604 cu. cm)
Bore x Stroke	3.78 x 3.27 (96.0 x 83.0)
Valve System	Chain-driven DOHC, 24 valves and hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Aluminum deep-skirt block, aluminum alloy heads
Compression Ratio	10.2:1
Power	305 hp (224 kW) at 6,400 rpm
Torque	269 lb.-ft. (364 N•m) at 4,175 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2, E85-compatible
Oil Capacity	6.0 quarts (5.7 litres)



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Coolant Capacity	14.0 quarts (13.25 litres)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors
Energuide Estimated Fuel Economy L/100 km (imperial mpg) (city/hwy)	11.3 (25) / 8.0 (35)

*Based on 2018 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information please visit the government of Canada website [www.vehicles.nrcan.gc.ca](http://www.vehicles.nrcan.gc.ca)*

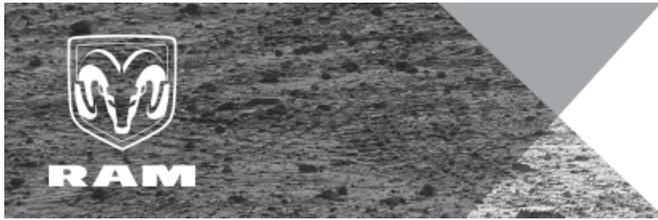
**ENGINE: 3.0-LITRE ECODIESEL V6**

Type and Description	60-degree V-type, liquid-cooled
Displacement	182 cu. in. (2,988 cu. cm)
Bore x Stroke	3.27 x 3.60 (83 x 92)
Valve System	Chain-driven DOHC, 24 valves
Fuel Injection	Common-rail, 2,000 bar, solenoid injectors
Construction	Cast-iron block, aluminum alloy heads
Compression Ratio	16.5:1
Power	240 hp (179 kW) at 3,600 rpm
Torque	420 lb.-ft. (569 N•m) at 2,000 rpm
Max. Engine Speed	4,800 rpm (electronically limited)
Fuel Requirement	Ultra-low sulfur diesel
Oil Capacity	10.5 quarts (10 litres)
Coolant Capacity	12 quarts (11.4 litres)
Emission Controls	Cooled EGR, oxidation catalyst, diesel particulate filter, SCR w/urea injection
Energuide Estimated Fuel Economy L/100 km (imperial mpg) (city/hwy)	13.9 (20) / 9.6 (29)

*Based on 2018 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information please visit the government of Canada website [www.vehicles.nrcan.gc.ca](http://www.vehicles.nrcan.gc.ca)*

**ENGINE: 5.7-LITRE HEMI® V8**

Type and Description	90-degree V8, liquid-cooled
Displacement	345 cu. in. (5,654 cu. cm)
Bore x Stroke	3.92 x 3.58 (99.5 x 90.9)



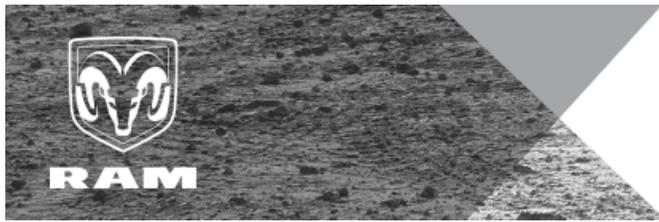
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Valve System	Variable-cam timing, pushrod-operated overhead valves, 16 valves, hydraulic lifters with roller followers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	10.5:1
Power	395 hp (291 kW) @ 5,600 rpm
Torque	410 lb.-ft. (556 N•m) @ 3,950 rpm
Max. Engine Speed	5,800 rpm
Fuel Requirement	Unleaded mid-grade, 89 octane (R+M)/2 — recommended Unleaded regular, 87 octane (R+M)/2 — acceptable
Oil Capacity	7.0 quarts (6.6 litres)
Coolant Capacity	14.0 quarts (13.33 litres)
Emission Controls	Three-way catalytic converters, heated oxygen sensors and internal engine features
EnerGuide Estimated Fuel Economy L/100 km (imperial mpg) (city/hwy)	15.7 (18) / 11.0 (26)

*Based on 2018 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information please visit the government of Canada website [www.vehicles.nrcan.gc.ca](http://www.vehicles.nrcan.gc.ca)*

**TRANSMISSION: 65RFE AUTOMATIC SIX-SPEED**

Availability	Available with 5.7-litre HEMI V8 equipped trucks
Description	Three planetary gear sets, one overrunning clutch, full electronic control, electronically controlled converter clutch
Gear Ratios	
1st	3.00
2nd	1.67
3rd	1.50
4th	1.00
5th	0.75
6th	0.67
Reverse	3.00
Axle Gear Ratios	3.21, 3.55, 3.92,



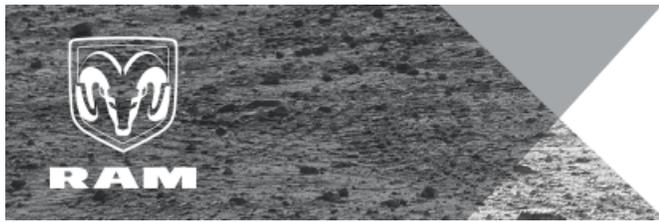
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**TRANSMISSION: TORQUEFLITE 845RE EIGHT-SPEED AUTOMATIC**

Description	Adaptive electronic control, automatic or Electronic Range Select (ERS) manual control. Five clutch-pack design with only two open clutches in any gear. Torque converter lock with turbine torsional damper for low lock-up speeds in 1st through 8th gear
<b>Gear Ratios</b>	
1st	4.71
2nd	3.14
3rd	2.10
4th	1.67
5th	1.29
6th	1.00
7th	0.84
8th	0.67
Reverse	3.30
Axle Ratios	3.21, 3.55, 3.92 (Rebel only)

**TRANSMISSION: TORQUEFLITE 8HP70 EIGHT-SPEED AUTOMATIC**

Availability	Standard with 3.0-litre EcoDiesel V6 and select 5.7-litre HEMI V8 equipped trucks
Description	Adaptive electronic control, automatic or ERS manual control. Five clutch-pack design with only two open clutches in any gear. Torque converter lock with turbine torsional damper for low lock-up speeds in 1st through 8th gear
<b>Gear Ratios</b>	
1st	4.71
2nd	3.14
3rd	2.10
4th	1.67
5th	1.29
6th	1.00
7th	0.84
8th	0.67
Reverse	3.30
Axle Ratios	3.21 (excluding 3.0-litre EcoDiesel V6), 3.55 (excluding 5.7-litre HEMI V8), 3.92



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**TRANSFER CASE: BW 44-45 PART-TIME**

Availability	3.6-litre Pentastar V6 4x4 and 5.7-litre HEMI V8 4x4
Shift Mechanism	Electric
Available Speeds	Two-speed
Operating Modes	2WD High; 4WD High, Locked; Neutral; 4WD Low, Locked
Low-range Ratio	2.64
Centre Differential Type	None

**TRANSFER CASE: BW 44-44 ON-DEMAND**

Availability	3.0-litre EcoDiesel V6 4x4 and 5.7-litre HEMI V8 4x4
Shift Mechanism	Electric
Available Speeds	Two-speed
Operating Modes	2WD High; 4WD Auto; 4WD High, Locked; Neutral; 4WD Low, Locked
Low-range Ratio	2.64
Centre Differential Type	None

**AXLES**

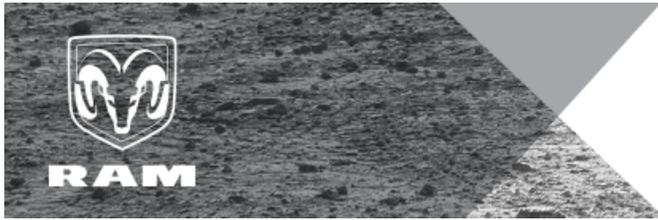
Front	ZF 215 mm
Rear	C235 mm (available limited slip)
Available Ratios	3.21, 3.55, 3.92

**ELECTRICAL SYSTEM**

Architecture	Powernet
Alternator	160-amp, 180-amp, 220-amp (Special Services Package) 230-amp (3.0-litre EcoDiesel V6)
Battery	Group 94R, low-maintenance H7 730 CCA (3.6-litre Pentastar V6 and 5.7-litre HEMI V8), Group 49, H8 800 CCA absorbed glass mat (3.0-litre EcoDiesel V6)

**SUSPENSION**

Front	Upper and lower A-arms, coil springs, twin-tube shock absorbers, stabilizer bar. Optional air suspension replaces twin-tube shock absorbers and coil springs. Rebel features Bilstein monotube shocks with air suspension
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Rear	Five-link with track bar, coil springs, stabilizer bar, twin-tube shock absorbers, solid axle. Optional air suspension replaces twin-tube shock absorbers and coil springs. Rebel features Bilstein monotube shocks with air suspension
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**BRAKES**

Front	
Size and Type	13.2 x 1.1 (336 x 28) vented disc with 2.13 (54) two-piston pin-slider caliper and anti-lock braking system (ABS)
Swept Area	292 sq. in. (1,884 sq. cm)
Rear	
Size and Type	13.8 x 0.87 (352 x 22) disc with 2.13 (54) single-piston pin-slider caliper and ABS
Swept Area	274 sq. in. (1,768 sq. cm)
Power-assist	Dual-rate, tandem diaphragm vacuum

**AIR BAGS**

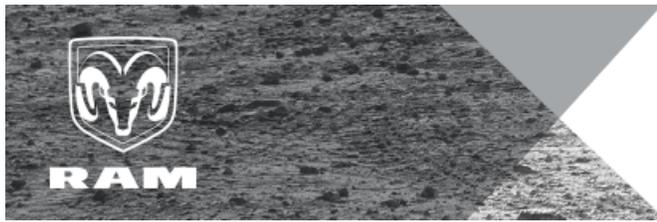
Regular Cab	6
Quad Cab	6
Crew Cab	6

**STEERING**

Power-assist
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**DIMENSIONS AND CAPACITIES**

Regular Cab Pickup	2WD	2WD	4WD	4WD
Box Length	6-ft. 4-in.	8-ft.	6-ft. 4-in.	8-ft.
Wheelbase (nominal)	120.5 (3,061)	140.5 (3,569.2)	120.5 (3,061)	140.5 (3,569.2)
Overall Steering Ratio	19.1:1	17.9:1	19.1:1	17.9:1
Steering Wheel Turns (lock-to-lock)	3.5	3.3	3.5	3.3
Turning Diameter – 17-in. tire -ft. (m)	39.5 (12.0)	45.1 (13.7)	39.8 (12.1)	45.4 (13.8)
Turning Diameter – 20-in. tire - ft. (m)	39.3 (12.0)	44.9 (13.7)	39.8 (12.1)	45.5 (13.9)



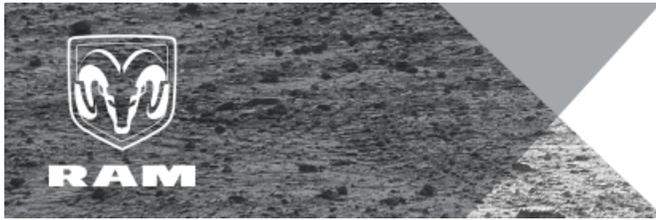
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<b>Quad Cab Pickup</b>	<b>2WD</b>	<b>4WD</b>
Box Length	6-ft. 4-in.	6-ft. 4-in.
Wheelbase (nominal)	140.5 (3,569.2)	140.5 (3,569.2)
Overall Steering Ratio	17.9:1	17.9:1
Steering Wheel Turns (lock-to-lock)	3.3	3.3
Turning Diametre – 17-in. tire -ft. (m)	45.1 (13.7)	45.4 (13.8)
Turning Diametre – 20-in. tire - ft. (m)	44.9 (13.7)	45.5 (13.9)

<b>Crew Cab Pickup</b>	<b>2WD</b>	<b>2WD</b>	<b>4WD</b>	<b>4WD</b>
Box Length	5-ft. 7-in.	6-ft. 4-in.	5-ft. 7-in.	6-ft. 4-in.
Wheelbase (nominal)	140.5 (3,569.2)	149.5 (3,797.3)	140.5 (3,569.2)	149.5 (3,797.3)
Overall Steering Ratio	19.1:1	17.9:1	19.1:1	17.9:1
Steering Wheel Turns (lock-to-lock)	3.5	3.3	3.5	3.3
Turning Diametre – 17-in. tire -ft. (m)	39.5 (12.0)	45.1 (13.7)	39.8 (12.1)	45.4 (13.8)
Turning Diametre – 20-in. tire - ft. (m)	39.3 (12.0)	44.9 (13.7)	39.8 (12.1)	45.5 (13.9)

**Cargo Box**

<b>Nominal Box Size</b>	<b>5-ft. 7-in. (Crew)</b>	<b>6-ft. 4-in. (Regular, Quad or Crew)</b>	<b>8-ft. (Regular)</b>
SAE volume, cu. ft. (cu. m)	50.3 (1.4)	57.5 (1.6)	74.7 (2.1)
Length at Floor, Tailgate Closed	67.4 (1,712.4)	76.3 (1,938.5)	98.3 (2,496.5)
Cargo Width	66.4 (1,686.9)	66.4 (1,686.9)	66.4 (1,686.9)
Distance Between Wheelhouses	51 (1,295.4)	51 (1,295.4)	51 (1,295.4)
Depth	20.0 (508.6)	20.1 (511.1)	20.2 (513.0)
Tailgate Opening Width	60.4 (1,535.3)	60.4 (1,535.3)	60.4 (1,535.3)



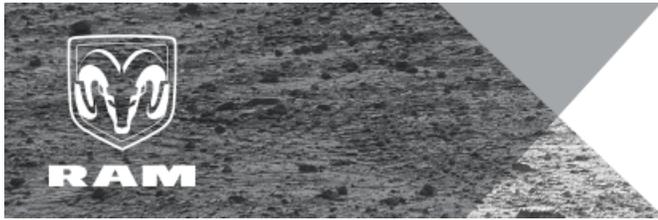
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**Regular Cab Pickup**

<b>Model – Tire Size</b>	<b>2WD – 265/70R17</b>		<b>4WD – 265/70R17</b>	
	<i>6-ft. 4-in.</i>	<i>8-ft.</i>	<i>6-ft. 4-in.</i>	<i>8-ft.</i>
Box Length				
Wheelbase	120.5 (3,061.2)	140.5 (3,569.2)	120.5 (3,062.5)	140.5 (3,570.2)
Track, Front	68.0 (1,728.2)	68.0 (1,728.2)	68.2 (1,732.3)	68.2 (1,732.3)
Track, Rear	67.5 (1,714.7)	67.5 (1,714.7)	67.5 (1,714.7)	67.5 (1,714.7)
Overall Length	209.0 (5,308.5)	231.0 (5,866.5)	209.0 (5,308.5)	231.0 (5,866.5)
Overall Width	79.4 (2,017.4)	79.4 (2,017.4)	79.4 (2,017.4)	79.4 (2,017.4)
Overall Height	74.6 (1,894.2)	74.4 (1,889.2)	75.2 (1,910.4)	75.0 (1,906.2)
<b>Ground Clearance</b>				
Front Axle	9.0 (229.3)	9.0 (229.2)	9.2 (232.6)	9.2 (232.7)
Rear Axle	8.7 (221.2)	8.7 (221.5)	8.6 (219.2)	8.6 (219.5)
Open Tailgate to Ground	34.8 (883.4)	34.6 (878.3)	35.0 (889.6)	34.9 (885.3)
Pickup Body Height	20.1 (511.1)	20.2 (513.0)	20.1 (511.1)	20.2 (513.0)
Approach Angle (degrees)	15.6	15.7	17.7	17.8
Departure Angle (degrees)	25.2	24.1	25.6	24.4

**Quad Cab 6-ft. 4-in. Box Pickup - Air Suspension 4x2 and 4x4**

<b>Tire Size</b>	<b>275/60R20</b>			
<b>Suspension Mode</b>	<b>Entry / Exit</b>	<b>Normal Ride Height</b>	<b>Off Road 1</b>	<b>Off Road 2</b>
Wheelbase (nominal)	140.5 (3,569.4)	140.5 (3,569.4)	140.5 (3,569.4)	140.5 (3,569.4)
Track, Front	68.6 (1,742.2)	68.6 (1,742.2)	68.6 (1,742.2)	68.6 (1,742.2)
Track, Rear	68.0 (1,727.4)	68.0 (1,727.4)	68.0 (1,727.4)	68.0 (1,727.4)
Overall Length	229.0 (5,816.5)	229.0 (5,816.5)	229.0 (5,816.5)	229.0 (5,816.5)
Overall Width	79.4 (2,017.4)	79.4 (2,017.4)	79.4 (2,017.4)	79.4 (2,017.4)



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**Tire Size**

**275/60R20**

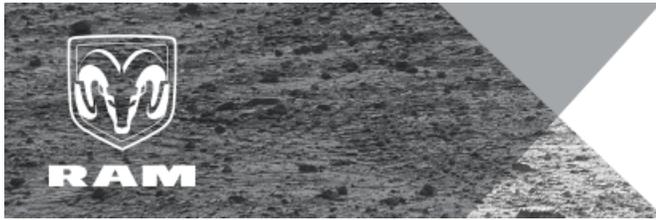
<b>Suspension Mode</b>	<b>Entry / Exit</b>	<b>Normal Ride Height</b>	<b>Off Road 1</b>	<b>Off Road 2</b>
Overall Height	75.8 (1,924.4)	77.8 (1,977.4)	78.8 (2,002.0)	79.9 (2,028.4)
<b>Ground Clearance</b>				
Front Axle	9.8 (248.5)	9.8 (248.5)	9.8 (248.5)	9.8 (248.5)
Rear Axle	9.3 (235.0)	9.3 (235.0)	9.3 (235.0)	9.3 (235.0)
Open Tailgate to Ground	33.4 (847.2)	34.9 (885.7)	35.6 (904.1)	36.9 (936.7)
Pickup Body Height	20.0 (508.6)	20.0 (508.6)	20.0 (508.6)	20.0 (508.6)
Approach Angle (degrees)	15.2	19.8	22.4	23.9
Departure Angle (degrees)	23.7	25.5	26.4	27.8
Ramp Breakover Angle (degrees)	17.1	20.6	22.5	24.2
Ground Clearance without Skid Plate	7.4 (187.2)	9.4 (239.8)	10.6 (269.5)	11.4 (290.8)
Ground Clearance with Ski Plate	6.7 (169.3)	8.8 (222.8)	9.9 (252.8)	10.8 (273.7)
Fuel-Tank Capacity	26-gal. (98-litre) (standard)	26-gal. (98-litre) (standard)	26-gal. (98-litre) (standard)	26-gal. (98-litre) (standard)
	32-gal. (121-litre) (optional)	32-gal. (121-litre) (optional)	32-gal. (121-litre) (optional)	32-gal. (121-litre) (optional)

**Crew Cab 5-ft. 7-in. Box Pickup - Air Suspension 4x2 and 4x4**

**Tire Size**

**275/60R20**

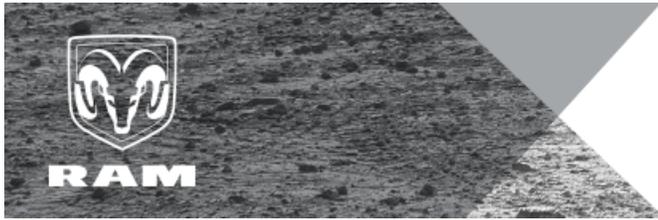
<b>Suspension Mode</b>	<b>Entry / Exit</b>	<b>Normal Ride Height</b>	<b>Off Road 1</b>	<b>Off Road 2</b>
Wheelbase (nominal)	140.5 (3,569.4)	140.5 (3,569.4)	140.5 (3,569.4)	140.5 (3,569.4)
Track, Front	68.6 (1,742.2)	68.6 (1,742.2)	68.6 (1,742.2)	68.6 (1,742.2)
Track, Rear	68.0 (1,727.4)	68.0 (1,727.4)	68.0 (1,727.4)	68.0 (1,727.4)
Overall Length	229.0 (5,816.5)	229.0 (5,816.5)	229.0 (5,816.5)	229.0 (5,816.5)
Overall Width	79.4 (2,017.4)	79.4 (2,017.4)	79.4 (2,017.4)	79.4 (2,017.4)
Overall Height	75.5 (1,917.4)	77.6 (1,970.4)	78.5 (1,994.5)	79.6 (2,021.4)



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**Ground Clearance**

<i>Tire Size</i>	<i>275/60R20</i>			
<b>Suspension Mode</b>	<b>Entry / Exit</b>	<b>Normal Ride Height</b>	<b>Off Road 1</b>	<b>Off Road 2</b>
Front Axle	9.8 (248.5)	9.8 (248.5)	9.8 (248.5)	9.8 (248.5)
Rear Axle	9.3 (235.0)	9.3 (235.0)	9.3 (235.0)	9.3 (235.0)
Open Tailgate to Ground	33.4 (847.2)	34.9 (885.7)	35.6 (904.1)	36.9 (936.7)
Pickup Body Height	20.0 (508.6)	20.0 (508.6)	20.0 (508.6)	20.0 (508.6)
Approach Angle (degrees)	15.2	19.8	22.4	23.9
Departure Angle (degrees)	23.7	25.5	26.4	27.8
Ramp Breakover Angle (degrees)	17.1	20.6	22.5	24.2
Ground Clearance without Skid Plate	7.4 (187.2)	9.4 (239.8)	10.6 (269.5)	11.4 (290.8)
Ground Clearance with Skid Plate	6.7 (169.3)	8.8 (222.8)	9.9 (252.8)	10.8 (273.7)
Fuel-Tank Capacity	26-gal. (98-litre) (standard)	26-gal. (98-litre) (standard)	26-gal. (98-litre) (standard)	26-gal. (98-litre) (standard)
	32-gal. (121-litre) (optional)	32-gal. (121-litre) (optional)	32-gal. (121-litre) (optional)	32-gal. (121-litre) (optional)



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**ACCOMMODATIONS**

<i>Model</i>	<i>Regular Cab</i>	<i>Quad Cab</i>	<i>Crew Cab</i>
Seating Capacity, F/R	3/0 or 2/0	3/3 or 2/3	3/3 or 2/3
<b>Front</b>			
Head Room	39.9 (1,013.5)	41.0 (1,041.4)	41.0 (1,041.4)
Legroom	41.0 (1,041.4)	41.0 (1,041.4)	41.0 (1,041.4)
Shoulder Room	66.0 (1,676.4)	66.0 (1,676.4)	66.0 (1,676.4)
Hip Room	62.9 (1,598.7)	63.2 (1,605.3)	63.2 (1,605.3)
Seat Travel	9.0 (230.0)	9.0 (230.0)	9.0 (230.0)
Recliner Range (degrees)	85 (38 RWD, 47 FWD)	56 (38 RWD 18 FWD)	56 (38 RWD, 18 FWD)
<b>Rear</b>			
Head Room	N/A	39.7 (1,008.4)	39.9 (1,013.5)
Legroom	N/A	34.7 (880.9)	40.3 (1,023.3)
Shoulder Room	N/A	65.7 (1,668.8)	65.7 (1,668.8)
Hip Room	N/A	62.9 (1,598.3)	63.2 (1,605.3)
<b>Interior Volume</b>			
Front – cu. ft. (cu. m)	62.5 (1.8)	64.2 (1.8)	64.2 (1.8)
Rear – cu. ft. (cu. m)	N/A	52.4 (1.5)	61.1 (1.7)

