

FCA CANADA

2019 Ram 1500 Classic

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, Coahuila, Mexico Quad Cab: Warren, Michigan Crew Cab: Warren, Michigan, and Saltillo, Coahuila, Mexico
Energide 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	3,604 cu. cm (220 cu. in.)
Bore x Stroke	96.0 x 83.0 (3.78 x 3.27)
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	5.7 litres (6.0 quarts)
Coolant Capacity	13.25 litres (14.0 quarts)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors
EnerGuide (2019) Fuel Consumption Ratings	4x2 - 13.9(20)/9.6(29)/11.9(24) 4x4 - 14.5(19)/10.2(28)/12.6(22)

L/100 km (MPG – imp. gal.)
city/hwy/combined

Based on 2019 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

ENGINE: 3.0-LITRE ECODIESEL V6 (late availability)

Type and Description	60-degree V-type, liquid-cooled
Displacement	2,988 cu. cm (182 cu. in.)
Bore x Stroke	83 x 92 (3.27 x 3.60)
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 (2018) Fuel Consumption Ratings	
L/100 km (MPG – imp. gal.) city/hwy/combined	4x2 – 11.8(24)/8.6(33)/10.4(27)

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ENGINE: 5.7-LITRE HEMI® V8

Type and Description	90-degree V-8, liquid-cooled
Displacement	5,654 cu. cm (345 cu. in.)
Bore x Stroke	99.5 x 90.9 (3.92 x 3.58)
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	6.6 litres (7.0 quarts)
Coolant Capacity	13.33 litres (14.0 quarts)
Emission Controls	Three-way catalytic converters, heated oxygen sensors and internal engine features
EnerGuide (2019) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) city/hwy/combined	4x2 with 6-speed - 17.0(17)/12.0(24)/14.8(19) 4x2 with 8-speed - 18.7(15)/13.3(21)/16.3(17) 4x4 with 6-speed - 15.7(18)/11.0(26)/13.6(21) 4x4 with 8-speed - 16.2(17)/11.6(24)/14.1(20)

Based on 2019 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

TRANSMISSION: 65RFE AUTOMATIC SIX-SPEED

Availability	Available with Special Services Vehicle (SSV) 5.7-litre V-8
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
Final Drive and Overall Top Gear Ratios	2.15 with 3.21 axle; 2.38 with 3.55 axle; and 2.63 with 3.92 axle
Max Torque	410 lb-ft (540Nm)

TRANSMISSION: TORQUEFLITE 845RE EIGHT-SPEED AUTOMATIC

Availability	Standard with 3.6-litre Pentastar V-6
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
Gear Ratios	
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

TRANSMISSION: TORQUEFLITE 8HP70 EIGHT-SPEED AUTOMATIC

Availability	Standard with V-6 and select 5.7-litre HEMI V-8 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
Gear Ratios	
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 (excluding 5.7-litre HEMI V-8), 3.92

TRANSFER CASE: BW 44-45 PART-TIME

Availability	3.6-litre Pentastar V-6 4x4 and 5.7-litre HEMI V-8 4x4
Shift Mechanism	Electric
Available Speeds	Two-speed
Operating Modes	2WD High; 4WD High, Locked; Neutral; 4WD Low, Locked
Low-range Ratio	2.64

AXLES

Front	ZF 215 mm
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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)
Battery	Group 94R, low-maintenance H7 730 CCA (3.6-litre Pentastar V-6 and 5.7-litre HEMI V-8)

SUSPENSION

Front	Upper and lower A-arms, coil springs, twin-tube shock absorbers, stabilizer bar
Rear	Five-link with track bar, coil springs, stabilizer bar, twin-tube shock absorbers, solid axle

BRAKES

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

AIR BAGS

Regular Cab	6
Quad Cab	6
Crew Cab	6

STEERING

Electric power-assist

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)	3,061 (120.5)	3,569 (140.5)	3,061 (120.5)	3,569 (140.5)

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 – m (ft.)	12.0 (39.5)	13.7 (45.1)	12.1 (39.8)	13.8 (45.4)
Turning Diameter – 20-in. tire – m (ft.)	12.0 (39.3)	13.7 (44.9)	12.1 (39.8)	13.9 (45.5)

Quad Cab Pickup	2WD	4WD
Box Length	6-ft. 4-in.	6-ft. 4-in.
Wheelbase (nominal)	3,569 (140.5)	3,569 (140.5)
Overall Steering Ratio	17.9:1	17.9:1
Steering Wheel Turns (lock-to-lock)	3.3	3.3
Turning Diameter – 17-in. tire – m (ft.)	13.7 (45.1)	13.8 (45.4)
Turning Diameter – 20-in. tire – m (ft.)	13.7 (44.9)	13.9 (45.5)

Crew Cab Pickup	2WD	2WD	4WD	4WD
Box Length	5-ft. 7-in.	6-ft. 4-in.	5-ft. 7-in.	6-ft. 4-in.
Wheelbase (nominal)	3,569 (140.5)	3,797 (149.5)	3,569 (140.5)	3,797 (149.5)
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 – m (ft.)	12.0 (39.5)	13.7 (45.1)	12.1 (39.8)	13.8 (45.4)
Turning Diameter – 20-in. tire – m (ft.)	12.0 (39.3)	13.7 (44.9)	12.1 (39.8)	13.9 (45.5)

Cargo Box

Nominal Box Size	5-ft. 7-in. (Crew)	6-ft. 4-in. (Regular, Quad or Crew)	8-ft. (Regular)
SAE volume, cu. m (cu. ft.)	1.4 (50.3)	1.6 (57.5)	2.1 (74.7)
Length-at-Floor, Tailgate Closed	1,712 (67.4)	1,939 (76.3) (1,938.5)	2,497 (98.3)
Cargo Width	1,687 (66.4)	1,687 (66.4)	1,687 (66.4)
Distance Between Wheelhouses	1,295 (51)	1,295 (51)	1,295 (51)
Depth	509 (20.0)	511 (20.1)	513 (20.2)
Tailgate Opening Width	1,535 (60.4)	1,535 (60.4)	1,535 (60.4)

Ground Clearance

Box Length	6-ft. 4-in.	8-ft.	6-ft. 4-in.	8-ft.
Front Axle	229 (9.0)	229 (9.0)	233 (9.2)	233 (9.2)
Rear Axle	221 (8.7)	221 (8.7)	220 (8.6)	220 (8.6)
Open Tailgate to Ground	883 (34.8)	878 (34.6)	890 (35.0)	885 (34.9)
Pickup Body Height	511 (20.1)	513 (20.2)	511 (20.1)	513 (20.2)
Approach Angle (degrees)	15.6	15.7	17.7	17.8
Departure Angle (degrees)	25.2	24.1	25.6	24.4

ACCOMMODATIONS

Model	Regular Cab	Quad Cab	Crew Cab
Seating Capacity, F/R	3/0 or 2/0	3/3 or 2/3	3/3 or 2/3
Front			
Headroom	1,014 (39.9)	1,041 (41.0)	1,041 (41.0)
Legroom	1,041 (41.0)	1,041 (41.0)	1,041 (41.0)
Shoulder Room	1,676 (66.0)	1,676 (66.0)	1,676 (66.0)
Hip Room	1,599 (62.9)	1,605 (63.2)	1,605 (63.2)
Seat Travel	230 (9.0)	230 (9.0)	230 (9.0)
Recliner Range (degrees)	85 (38 RWD, 47 FWD)	56 (38 RWD 18 FWD)	56 (38 RWD, 18 FWD)
Rear			
Headroom	N/A	1,008 (39.7)	1,014 (39.9)
Legroom	N/A	881 (34.7)	1,023 (40.3)
Shoulder Room	N/A	1,669 (65.7)	1,669 (65.7)
Hip Room	N/A	1,598 (62.9)	1,605 (63.2)
Interior Volume			
Front – cu. m (cu. ft.)	1.8 (62.5)	1.8 (64.2)	1.8 (64.2)
Rear – cu. m (cu. ft.)	N/A	1.5 (52.4)	1.7 (61.1)

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