

Canada: 2025 Ram 1500

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	Quad Cab and Crew Cab:4x4
Assembly Plant	Sterling Heights Assembly Plant, Sterling Heights, Michigan (U.S.A.)
EnerGuide Vehicle Class	Standard Pickup

BODY/CHASSIS

Layout	4x4 — Longitudinal, front engine, transfer case
Construction	4x4 — Ladder-type frame, steel cab, double-wall steel pickup box

ENGINE: 3.6-LITRE PENTASTAR V-6 ETORQUE

Availability	Tradesman, Big Horn
Type and Description	60-degree gasoline V-6 with variable valve timing (VVT), V-type, liquid-cooled
Hybrid Battery	48-volt, 12-cell lithium-ion, nickel manganese cobalt (NMC) graphite chemistry, .43 kWh
Belt-starter Generator	9kW power, 90 lb.-ft. launch torque
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	11.3:1
Power	315 hp (234 kW) @ 6,500 rpm
Torque	269 lb. -ft. (365 N•m) @ 4,900 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane
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 Fuel Economy L/100km (mpg – imp. gal.) (city/hwy/combined)* TBA

ENGINE: 3.0- LITRE STRAIGHT-SIX TURBO (SST)

Availability	Sport, Laramie and Rebel
Type and Description	In-line six-cylinder (I-6), Twin Turbocharged, liquid-cooled, direct injection, gasoline
Displacement	2.993 cu. cm (183 cu. in.)
Bore x Stroke	84 x 90 (3.31 x 3.54)
Valve System	DOHC, dual independent valve timing, hydroformed tubular camshafts, 24 valves with sodium-filled exhaust valves, roller finger followers and hydraulic lash adjusters
Fuel Injection	Gasoline direct injection, centrally located injectors, single high-pressure pump providing up to 5,075 psi (350 bar) to a single fuel rail
Construction	Deep-skirt cast-aluminum block with cross-bolted steel main bearing caps, low friction plasma spray-bore coated cylinders, structural die-cast aluminum alloy oil pan, aluminum alloy head with pent-roof combustion chambers, forged and twisted steel crankshaft, forged steel connecting rods and cast aluminum alloy pistons with DLC coated piston pins
Compression Ratio	10.4:1
Power	420 hp (313 kW) @ 5,200 rpm
Torque	469 lb. ft. (635 Nm) @ 3,500 rpm
Max. Engine Speed	5,800 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2 — recommended
Oil Capacity	7.1 litres (7.5 quarts) oil change with filter
Coolant Capacity	High Temperature Circuit: 15.7 litres Low Temperature Circuit: 2.70 litres
Factory Oil Fill	Pennzoil Ultra Platinum 0W-20 GF6+ (API SP)
Emission Controls	Dual close-coupled two-stage three-way catalytic converters, quad heated oxygen sensors, cooled exhaust gas recirculation and internal engine features
Exhaust Type	Dual 76-mm (3-in.) straight-thru exhaust system with dual 127-mm (5-in.) black tips
EnerGuide Fuel Economy L/100km (mpg – imp. gal.) (city/hwy/combined)*	TBA
Assembly Plant	Saltillo North Engine Plant, Saltillo (Mexico)

*BASED ON 2024 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 STRAIGHT-SIX TURBO HIGH OUTPUT (SST HO)

Availability	Limited/Longhorn and Tungsten
Type and Description	In-line six-cylinder (I-6), Twin Turbocharged, liquid-cooled, direct injection, gasoline
Displacement	2.993 cu. cm (183 cu. in.)
Bore x Stroke	84 x 90 (3.31 x 3.54)
Valve System	DOHC, dual independent valve timing, hydroformed tubular camshafts, 24 valves with sodium-filled exhaust valves, roller finger followers and hydraulic lash adjusters
Fuel Injection	Gasoline direct injection, centrally located injectors, single high-pressure pump providing up to 5,075 psi (350 bar) to a single fuel rail
Construction	Deep-skirt cast-aluminum block with cross-bolted steel main bearing caps, low friction plasma spray-bore coated cylinders, structural die-cast aluminum alloy oil pan, aluminum alloy head with pent-roof combustion chambers, forged and twisted steel crankshaft, forged steel connecting rods and cast aluminum alloy pistons with DLC coated piston pins
Compression Ratio	9.5:1
Power	540 hp (403 kW) @ 5,700 rpm
Torque	521 lb.-ft. (707 N•m) @ 3,500 rpm
Max. Engine Speed	6,100 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2 — required
Oil Capacity	7.1 litres (7.5 quarts) oil change with filter
Coolant Capacity	High Temperature Circuit: 17.34 litres Low Temperature Circuit: 4.52 litres
Factory Oil Fill	Pennzoil Ultra Platinum 0W-40 API SP MS-A0921
Emission Controls	Dual close-coupled two-stage three-way catalytic converters, quad heated oxygen sensors, cooled exhaust gas recirculation and internal engine features
Exhaust Type	Dual 76-mm (3-in.) straight-thru exhaust system with dual 127-mm (5-in.) black tips
EnerGuide Fuel Economy L/100km (mpg – imp. gal.) (city/hwy/combined)*	TBA
Assembly Plant	Saltillo North Engine Plant, Saltillo (Mexico)

TRANSMISSION: TORQUEFLITE 850RE 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

TRANSMISSION: TORQUEFLITE 8HP75 EIGHT-SPEED AUTOMATIC

Availability	Standard — 3.0-litre Straight-Six Turbo (SST)
Description	Five clutches and four planetary gear set architecture. 7.03 overall ratio spread. Start/stop and electronic range select capability. Electronically modulated torque converter clutch with torsional turbine damper
Gear Ratios	
1st	4.71
2nd	3.14
3rd	2.11
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

TRANSFER CASE: BW 48-12 PART-TIME

Availability	3.6-litre Pentastar V-6 eTorque and 3.0-litre Straight-Six Turbo (SST)
Shift Mechanism	Electric
Available Speeds	Two-speed
Operating Modes	4WD High, Locked; Neutral; 4WD Low, Locked
Low-range Ratio	2.64
Centre Differential Type	None

TRANSFER CASE: BW 48-11 ON-DEMAND

Availability	3.0-litre Straight-Six Turbo (SST)
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Shift Mechanism	Electric
Available Speeds	Two-speed
Operating Modes	4WD Auto; 4WD High, Locked; Neutral; 4WD Low, Locked
Low-range Ratio	2.64
Centre Differential Type	None

TRANSFER CASE: BW 48-13 FULL-TIME

Availability	3.0-litre Straight-Six Turbo High Output (SST HO)
Shift Mechanism	Electric
Available Speeds	Two-speed
Operating Modes	4WD Auto, 4WD High, Locked; Neutral; 4WD Low, Locked
Torque Split, Front/Rear	Variable – 40/60 Auto, 45/55 Wet/Snow, 45/55 Tow, 25/75 Baja, and 50/50 Off-road (in 4L)
Low-range Ratio	2.64
Centre Differential Type	None

AXLES

Front	215mm
Rear	235mm (standard) with available open, limited-slip or electronic-locking differential 260mm with limited slip or electronic locking differential
Available Ratios	3.21, 3.55, 3.92

ELECTRICAL SYSTEM

Architecture	Atlantis
Alternator	230-amp, 240-amp
Battery	Group 94R, low-maintenance H7 730 CCA

SUSPENSION

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

BRAKES

Front

Size and Type	378 x 30 (14.9 x 1.2) vented disc with 57 mm (2.2 in.) two-piston pin-slider caliper and anti-lock braking system (ABS)
Swept Area	3,184 sq.cm (493.6 sq.in.)

Rear

Size and Type	375 x 22 (14.8 x 0.87) disc with 57 mm (2.2 in.) single-piston pin-slider caliper and ABS
Swept Area	2,371.9 sq.cm (367.6 sq.in.)
Power-assist	Dual-rate, tandem diaphragm vacuum

STEERING

Power assist	Electric power steering
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AIR BAGS

Quad Cab	6
Crew Cab	6

CARGO BOX

NOMINAL BOX SIZE	5FT., 7IN. (CREW)	6FT., 4IN. (QUAD OR CREW)
SAE volume, cu m (cu. ft.)	1.5 (53.8)	1.7 (61.3)
Length-at-Floor, Tailgate Closed	1,711 (67.4)	1,937 (76.3)
Cargo Width	1,687 (66.4)	1,687 (66.4)
Distance Between Wheelhouses	1,295 (51.0)	1,295 (51.0)
Depth	543 (21.4)	545 (21.5)
Tailgate Opening Width	1,525 (60.0)	1,525 (60.0)

EXTERIOR DIMENSIONS

QUAD CAB PICKUP, 6FT., 4IN. BOX

Model – Tire Size	4x4 - 275/55R20
Wheelbase (nominal)	3,570 (140.6)

Model – Tire Size	4x4 - 275/55R20
Track, Front	1,740 (68.5)
Track, Rear	1,727 (68.0)
Overall Length	5,801 (228.4)
Overall Width	2,064 (81.2)
Overall Height	1,973 (77.6)

QUAD CAB PICKUP, 6FT., 4IN. BOX

Ground Clearance	4x4 - 275/55R20
Front Axle	207 (8.1)
Rear Axle	220 (8.7)
Open Tailgate to Ground	883 (34.8)
Pickup Body Height	545 (21.4)
Approach Angle, degrees	18.8
Departure Angle, degrees (to be confirmed)	20.7
Ramp Breakover Angle Without Skid Plate, degrees	19.8
Ramp Breakover Angle with Skid Plate, degrees	17.1
Ground Clearance without Skid Plate	220 (8.7)
Ground Clearance with Skid Plate	206 (8.1)
Fuel Tank Capacity	98-litre (26-gal.) (standard) 125-litre (33-gal.) (standard)

CREW CAB PICKUP

Model – Tire Size	4x4 – 275/55R20	4x4 – 275/55R20
	4x4 –325/65/R18	4x4 –325/65/R18
Box Length	5ft., 7in.	6ft., 4in.
Wheelbase (nominal)	3,672 (144.6)	3,898 (153.5)
Track, Front	1,740 (68.5)	1,740 (68.5)
Track, Rear	1,727 (68.0)	1,727 (68.0)
Overall Length	5,903 (232.4)	6,129 (241.3)

Model – Tire Size	4x4 – 275/55R20 4x4 –325/65/R18	4x4 – 275/55R20 4x4 –325/65/R18
Box Length	5ft., 7in.	6ft., 4in.
Overall Width	2,062 (81.2)	2,062 (81.2)
Overall Height	1,972 (77.6)	1,969 (77.5)
Wheelbase (nominal)	3,672 (144.6)	3,898 (153.5)
Track, Front	1,740 (68.5)	1,740 (68.5)
Track, Rear	1,727 (68.0)	1,727 (68.0)
Overall Length	5,903 (232.4)	6,129 (241.3)
Overall Width	2,062 (81.2)	2,062 (81.2)
Overall Height	1,972 (77.6)	1,969 (77.5)

CREW CAB PICKUP

Model – Tire Size	4x4 – 275/55R20 4x4 –325/65/R18	4x4 – 275/55R20 4x4 –325/65/R18
Ground Clearance	5ft., 7in.	6ft., 4in.
Front Axle	206 (8.1)	206 (8.1)
Rear Axle	219 (8.6)	219 (8.6)
Open Tailgate to Ground	881 (34.7)	880 (34.6)
Pickup Body Height	543 (21.4)	545 (21.4)
Approach Angle, degrees	18.8	18.8
Departure Angle, degrees	20.6	20.6
Ramp Breakover Angle Without Skid Plate, degrees	19.4	19.2
Ramp Breakover Angle With Skid Plate, degrees	16.8	16.1
Ground Clearance Without Skid Plate	218 (8.6)	218 (8.6)
Ground Clearance With Skid Plate	205 (8.1)	205 (8.1)

Model – Tire Size	4x4 – 275/55R20	4x4 – 275/55R20
	4x4 –325/65/R18	4x4 –325/65/R18
Ground Clearance	5ft., 7in.	6ft., 4in.
Fuel Tank Capacity	98-litre (26-gal.) (standard) 125-litre (33-gal.) (optional, Longhorn, Limited, Tungsten)	98-litre (26-gal.) (standard) 125-litre (33-gal.) (optional, Longhorn, Limited, Tungsten)

CREW CAB, 5FT., 7IN. BOX – AIR SUSPENSION, 4x4

TIRE SIZE: 275/55R20

Suspension Mode	Entry / Exit	Normal Ride Height	Off Road 1	Off Road 2
Wheelbase (nominal)	3,672 (144.6)	3,672 (144.6)	3,672 (144.6)	3,672 (144.6)
Track, Front	1,740 (68.5)	1,740 (68.5)	1,740 (68.5)	1,740 (68.5)
Track, Rear	1,727 (68.0)	1,727 (68.0)	1,727 (68.0)	1,727 (68.0)
Overall Length	5,903 (232.4)	5,903 (232.4)	5,903 (232.4)	5,903 (232.4)
Overall Width	2,062 (81.2)	2,062 (81.2)	2,062 (81.2)	2,062 (81.2)
Overall Height	1,926 (75.8)	1,971 (77.6)	1,995 (78.5)	2,022 (79.6)
Front Axle	209 (8.2)	209 (8.2)	209 (8.2)	209 (8.2)
Rear Axle	217 (8.5)	217 (8.5)	217 (8.5)	217 (8.5)
Open Tailgate to Ground	839 (33.0)	877 (34.5)	896 (35.3)	928 (36.5)
Pickup Body Height	543 (21.4)	543 (21.4)	543 (21.4)	543 (21.4)
Approach Angle, degrees	14.6	19.1	21.7	23.3
Departure Angle, degrees	18.6	20.5	21.3	22.8
Ramp Breakover Angle Without Skid Plate, degrees	16.1	19.5	21.3	22.9
Ramp Breakover Angle With Skid Plate, degrees	13.6	16.8	18.4	20.2
Ground Clearance Without Skid Plate	169 (6.7)	221 (8.7)	251 (9.9)	272 (10.7)
Ground Clearance With Skid Plate	156 (6.1)	209 (8.2)	238 (9.4)	260 (10.2)

Suspension Mode	Entry / Exit	Normal Ride Height	Off Road 1	Off Road 2
Fuel Tank Capacity	98-litre (26-gal.) (standard)	98-litre (26-gal.) (standard)	98-litre (26-gal.) (standard)	98-litre (26-gal.) (standard)
	125-litre (33-gal.) (optional)	125-litre (33-gal.) (optional)	125-litre (33-gal.) (optional)	125-litre (33-gal.) (optional)

CREW CAB, 6FT., 4IN. BOX – AIR SUSPENSION, 4x4

TIRE SIZE: 275/55R20

Suspension Mode	Entry / Exit	Normal Ride Height	Off Road 1	Off Road 2
Wheelbase (nominal)	3,898 (153.5)	3,898 (153.5)	3,898 (153.5)	3,898 (153.5)
Track, Front	1,740 (68.5)	1,740 (68.5)	1,740 (68.5)	1,740 (68.5)
Track, Rear	1,727 (68.0)	1,727 (68.0)	1,727 (68.0)	1,727 (68.0)
Overall Length	6,129 (241.3)	6,129 (241.3)	6,129 (241.3)	6,129 (241.3)
Overall Width	2,062 (81.2)	2,062 (81.2)	2,062 (81.2)	2,062 (81.2)
Overall Height	1,923 (75.7)	1,969 (77.5)	1,993 (78.4)	2,020 (79.5)

CREW CAB, 6FT., 4IN. BOX – AIR SUSPENSION, 4x4

TIRE SIZE: 275/55R20

Ground Clearance	Entry / Exit	Normal Ride Height	Off Road 1	Off Road 2
Front Axle	207 (8.1)	207 (8.1)	207 (8.1)	207 (8.1)
Rear Axle	218 (8.6)	218 (8.6)	218 (8.6)	218 (8.6)
Open Tailgate to Ground	839 (33.0)	878 (34.6)	897 (35.3)	928 (36.5)
Pickup Body Height	545 (21.4)	545 (21.4)	545 (21.4)	545 (21.4)
Approach Angle, degrees	14.4	18.9	21.5	23.1
Departure Angle, degrees	18.6	20.5	21.4	22.8
Ramp Breakover Angle Without Skid Plate, degrees	16.3	19.2	20.7	22.2
Ramp Breakover Angle With Skid Plate, degrees	13.0	16.1	17.8	19.3
Ground Clearance	167 (6.6)	219 (8.6)	249 (9.8)	270 (10.6)

Ground Clearance	Entry / Exit	Normal Ride Height	Off Road 1	Off Road 2
Without Skid Plate				
Ground Clearance With Skid Plate	154 (6.1)	206 (8.1)	236 (9.3)	257 (10.1)
Fuel Tank Capacity	98-litre (26-gal.) (standard)	98-litre (26-gal.) (standard)	98-litre (26-gal.) (standard)	98-litre (26-gal.) (standard)
	125-litre (33-gal.) (optional)	125-litre (33-gal.) (optional)	125-litre (33-gal.) (optional)	125-litre (33-gal.) (optional)

INTERIOR DIMENSIONS

ACCOMMODATIONS

Model	Quad Cab	Crew Cab
Seating Capacity, F/R	3/3	3/3

FRONT

Front	Quad Cab	Crew Cab
Headroom	1,038 (40.9)	1,038 (40.9)
Legroom	1,040 (40.9)	1,040 (40.9)
Shoulder Room	1,676 (66.0)	1,676 (66.0)
Hip Room	1,610 (63.4)	1,610 (63.4)
Seat Travel	220 (8.7)	220 (8.7)
Recliner Range (degrees)	Total travel 71 degrees (from full forward) 18 degrees forward (from design) 53 degrees rearward (from design)	Total travel 71 degrees (from full forward) 18 degrees forward (from design) 53 degrees rearward (from design)

REAR

Rear	Quad Cab	Crew Cab
Headroom	995 (39.2)	1,013 (39.9)
Legroom	896 (35.3)	1,138 (44.8)
Shoulder Room	1,668 (65.7)	1,670 (65.7)
Hip Room	1,610 (63.4)	1,611 (63.4)

INTERIOR VOLUME

Interior Volume	Quad Cab	Crew Cab
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Front – Litres (cu. ft.)	1,809 (63.9)	1,809 (63.9)
Rear – Litres (cu. ft.)	1,489 (52.6)	1,926 (68.0)

STEERING SPECIFICATIONS

QUAD CAB PICKUP

Measurement	4WD Short Bed	4WD Long Bed	4WD Rebel
Wheelbase (nominal; mm / in.)	3,570 / 140.6	3,570 / 140.6	3,570 / 140.6
Overall Ratio	16.3:1	16.3:1	17.8:1
Steering Wheel Turns (lock-to-lock)	3.1	3.1	3.4
18-in. Tire Turning Diameter (m / ft.)*	14.1 / 46.2	14.1 / 46.2	14.1 / 46.2
20-in. Tire Turning Diameter (m / ft.)*	13.74 / 45.1	13.74 / 45.1	NA

* = Curb-to-curb turning diameter is measured at the outside of the tires at curb height.

CREW CAB PICKUP

Measurement	4WD Short Bed	4WD Long Bed	4WD Rebel
Wheelbase (nominal; mm / in.)	3,572 / 144.6	3,898 / 153.5	3,572 / 144.6
Overall Ratio	16.3:1	15.5:1	17.8:1
Steering Wheel Turns (lock-to-lock)	3.1	2.9	3.4
18-in. Tire Turning Diameter (m / ft.)*	14.08 / 46.2	14.84 / 48.7	14.1 / 46.2
20-in. Tire Turning Diameter (m / ft.)*	14.08 / 46.2	14.84 / 48.7	NA

* = Curb-to-curb turning diameter is measured at the outside of the tires at curb height.

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