



2019 DT (Ram 1500) Quad Cab, 6'4" Box Views and Charts

Quad Cab 6ft 4in Box Common Dimensions

Code	Description	Length Dimensions	
		Metric	English
CG_TRL1	Rear Bumper to Back of Cab	2169.6 mm	85.4 in
CG_TRL-2	Fuel Tank Length	1311.1 mm	51.6 in
L50-2	SgRP Couple Distance, Front to Second	787.4 mm	31.0 in
L103	Vehicle Length	5814.0 mm	228.9 in
L403	Front Bumper to Back of Cab (BBC)	3644.4 mm	143.5 in
L410	Cab Length	2322.9 mm	91.5 in
L504	Cab To Pickup Body	15.0 mm	0.6 in

Code	Description	Height Dimensions	
		Metric	English
A130-1	Glazing Angle - Windscreen	57.5 deg	57.5 deg
A18	Steering Wheel Angle	22.9 deg	22.9 deg
CG_H16	Top of Box to Cab Roof	575.9 mm	22.7 in
CG_H17	Box Floor to Cab Roof	1110.5 mm	43.7 in
A17	Steering Column Angle	22.9 deg	22.9 deg
CG_H514	Box Floor to Top of Fuel Tank	106.3 mm	4.2 in
H6	SgRP-Front To Windshield Lower DLO	1100.2 mm	43.3 in
H61-1	Effective Head Room - Front	1038.0 mm	40.9 in
H61-2	Effective Head Room - Second	999.7 mm	39.4 in

Code	Description	Width Dimensions	
		Metric	English
CG_TRW1	Outside Rail to Fuel Tank (Inside)	455.9 mm	17.9 in
W144	Vehicle Width, Mirrors Included (Standard)	2481.5 mm	97.7 in
W144B	Vehicle Width, Mirrors Included (Trailer)	2613.9 mm	102.9 in
W106	Fender Width - Front	2017.4 mm	79.4 in
W107	Fender Width - Rear	2017.3 mm	79.4 in
W116	Body Width	2029.0 mm	79.9 in
W117	Body Width at SgRP - Front	2024.5 mm	79.7 in
W120-1	Vehicle Width, Doors Open - Front	3863.9 mm	152.1 in
W120-2	Vehicle Width, Doors Open - Second	3454.4 mm	136.0 in
W201	Wheelhouse Width - at Floor	1295.1 mm	51.0 in

2019 DT (Ram 1500) Quad Cab, 6'4" Box Views and Charts

Quad Cab 6ft 4in Box 4x4 275/55R20 Dimensions

Code	Description	Ground Clearance Dimensions	
		Metric	English
A106-1	Angle of Approach	18.9 deg	18.9 deg
A106-2	Angle of Departure	25.0 deg	25.0 deg
A147	Ramp Breakover Angle	19.9 deg	19.9 deg
CG_H511	Bottom of Open Hood to Ground	2125.2 mm	83.7 in
CG_L513	Rear Axle to Inside of Box at Rear	1019.2 mm	40.1 in
CG_TRL3	Rear Wheel Centerline to Fuel Tank	177.9 mm	7.0 in
CG_TT18	Turn Circle Diameter (Meters/Feet)	14.1 m	46.1 ft
H5-1	SgRP to Ground - Front	938.3 mm	36.9 in
H5-2	SgRP to Ground - Second	968.9 mm	38.1 in
H101	Vehicle Height - Maximum	1973.0 mm	77.7 in
H103-1	Fascia to Ground - Front	215.9 mm	8.5 in
H103-2	Fascia to Ground - Rear	470.2 mm	18.5 in
H108-1	Static Load Radius - Front Tire	379.8 mm	15.0 in
H108-2	Static Load Radius - Rear Tire	386.7 mm	15.2 in
H130-1	Step Height - Front	583.6 mm	23.0 in
H130-2	Step Height - Second	598.7 mm	23.6 in
H148-1	Suspension or Axle to Ground - Front	208.0 mm	8.2 in
H148-2	Suspension or Axle to Ground - Rear	221.0 mm	8.7 in
H156	Ground Clearance	208.0 mm	8.2 in
H194	Closed Endgate Height	1407.8 mm	55.4 in
H250	Open Tailgate to Ground	875.0 mm	34.4 in
L101	Wheelbase	3569.0 mm	140.5 in
L104	Overhang - Front	1004.3 mm	39.5 in
L105	Overhang - Rear	1239.6 mm	48.8 in
L114	Front Wheel Centerline to SgRP - Front	1475.8 mm	58.1 in
L404	Cab to Rear Axle (CA)	930.0 mm	36.6 in
W101-1	Tread Width - Front Tires	1741.0 mm	68.5 in
W101-2	Tread Width - Rear Tires	1729.0 mm	68.1 in

2019 DT (Ram 1500) Quad Cab, 6'4" Box Views and Charts

Quad Cab 6ft 4in Box 4x4 275/55R20 Off Road Dimensions

Code	Description	Ground Clearance Dimensions	
		Metric	English
A106-1	Angle of Approach	21.3 deg	21.3 deg
A106-2	Angle of Departure	22.0 deg	22.0 deg
A147	Ramp Breakover Angle	19.1 deg	19.1 deg
CG_H511	Bottom of Open Hood to Ground	2154.3 mm	84.8 in
CG_L513	Rear Axle to Inside of Box at Rear	1019.2 mm	40.1 in
CG_TRL3	Rear Wheel Centerline to Fuel Tank	177.9 mm	7.0 in
CG_TT18	Turn Circle Diameter (Meters/Feet)	14.0 m	45.8 ft
H5-1	SgRP to Ground - Front	967.0 mm	38.1 in
H5-2	SgRP to Ground - Second	997.4 mm	39.3 in
H101	Vehicle Height - Maximum	2002.0 mm	78.8 in
H103-1	Fascia to Ground - Front	244.9 mm	9.6 in
H103-2	Fascia to Ground - Rear	498.3 mm	19.6 in
H108-1	Static Load Radius - Front Tire	383.7 mm	15.1 in
H108-2	Static Load Radius - Rear Tire	390.0 mm	15.4 in
H130-1	Step Height - Front	612.2 mm	24.1 in
H130-2	Step Height - Second	628.8 mm	24.8 in
H148-1	Suspension or Axle to Ground - Front	208.0 mm	8.2 in
H148-2	Suspension or Axle to Ground - Rear	221.0 mm	8.7 in
H156	Ground Clearance	237.0 mm	9.3 in
H194	Closed Endgate Height	1437.0 mm	57.6 in
H250	Open Tailgate to Ground	903.0 mm	35.5 in
L101	Wheelbase	3569.0 mm	140.5 in
L104	Overhang - Front	1004.3 mm	39.5 in
L105	Overhang - Rear	1239.6 mm	48.8 in
L114	Front Wheel Centerline to SgRP - Front	1475.8 mm	58.1 in
L404	Cab to Rear Axle (CA)	930.0 mm	36.6 in
W101-1	Tread Width - Front Tires	1741.0 mm	68.5 in
W101-2	Tread Width - Rear Tires	1729.0 mm	68.1 in

Quad Cab 6ft 4in Box 4x4 275/70R18 Rebel Dimensions

Code	Description	Ground Clearance Dimensions	
		Metric	English
A106-1	Angle of Approach	25.0 deg	25.0 deg
A106-2	Angle of Departure	22.7 deg	22.7 deg
A147	Ramp Breakover Angle	20.0 deg	20.0 deg
CG_H511	Bottom of Open Hood to Ground	2165.8 mm	85.3 in
CG_L513	Rear Axle to Inside of Box at Rear	1019.2 mm	40.1 in
CG_TRL3	Rear Wheel Centerline to Fuel Tank	177.9 mm	7.0 in
CG_TT18	Turn Circle Diameter (Meters/Feet)	14.0 m	45.8 ft
H5-1	SgRP to Ground - Front	978.8 mm	38.5 in
H5-2	SgRP to Ground - Second	1009.4 mm	39.7 in
H101	Vehicle Height - Maximum	2014.0 mm	79.3 in
H103-1	Fascia to Ground - Front	326.7 mm	12.9 in
H103-2	Fascia to Ground - Rear	510.6 mm	20.1 in
H108-1	Static Load Radius - Front Tire	395.3 mm	15.6 in
H108-2	Static Load Radius - Rear Tire	402.2 mm	15.8 in
H130-1	Step Height - Front	624.1 mm	24.6 in
H130-2	Step Height - Second	640.7 mm	25.2 in
H148-1	Suspension or Axle to Ground - Front	230.0 mm	9.1 in
H148-2	Suspension or Axle to Ground - Rear	236.0 mm	9.3 in
H156	Ground Clearance	248.0 mm	9.8 in
H194	Closed Endgate Height	1449.3 mm	57.1 in
H250	Open Tailgate to Ground	915.0 mm	36.0 in
L101	Wheelbase	3569.0 mm	140.5 in
L104	Overhang - Front	1019.1 mm	40.1 in
L105	Overhang - Rear	1239.6 mm	48.8 in
L114	Front Wheel Centerline to SgRP - Front	1475.8 mm	58.1 in
L404	Cab to Rear Axle (CA)	930.0 mm	36.6 in
W101-1	Tread Width - Front Tires	1741.0 mm	68.5 in
W101-2	Tread Width - Rear Tires	1729.0 mm	68.1 in

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Notes and Definitions

- Dimensions are measured per SAE J1100 2009
- Ground related dimension are measured at Curb Load.

Definition: Curb Load, Curb Weight

The weight of the base vehicle (standard equipment only), with all fluids filled to maximum. (fuel, oil, transmission, coolant, etc.)

DT Air Suspension Mode Deltas

By design, air suspension at normal ride height is the same height as steel suspension at curb weight

Air suspension non-standard ride heights (listed below) are calculated values. Actual measurements will vary.

4x2 and 4x4

NRH to Park Mode:

Front -52mm

Rear -43mm

NRH to Off Road 1:

Front +31mm

Rear +22mm

NRH to Off Road 2:

Front +52mm

Rear +51mm

4x4 Off Road & Rebel

NRH to Park Mode:

Front -77mm

Rear -68mm

NRH to Off Road:

Front +27mm

Rear +26mm