

2006 DODGE RAM MEGA CAB SPECIFICATIONS

All dimensions are in inches (millimeters) unless otherwise noted. All dimensions measured at curb weight with standard tires and wheels.

GENERAL INFORMATION

Body Style	Mega Cab
Assembly Plants	Saltillo, Coahuila, Mexico
EPA Vehicle Class	Standard Pickup

ENGINE: 5.7-LITER HEMI® V-8

Availability	Std.—1500, 2500
Type and Description	Eight-cylinder, 90° V-type, liquid-cooled
Displacement	343 cu. in. (5654 cu. cm)
Bore x Stroke	3.92 x 3.58 (99.5 x 90.9)
Valve System	Pushrod-operated overhead valves, 16 valves, hydraulic lifters with roller followers
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	9.6:1
Power (SAE net)	345 bhp (257 kW) @ 5,400 rpm (58.4 bhp/L)
Torque (SAE net)	375 lb.-ft. (509 N•m) @ 4,200 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 qt. (6.6L)
Coolant Capacity	18.7 qt. (17.7L)
Emission Control	Dual three-way catalytic converters, internal engine features with knock sensors



ENGINE: 5.9-LITER HIGH OUTPUT CUMMINS TURBO DIESEL I-6

Availability	Opt.—2500, Std.—3500
Type and Description	Six-cylinder, inline, liquid-cooled, turbocharged, intercooled
Displacement	359 cu. in. (5883 cu. cm)
Bore x Stroke	4.02 x 4.72 (102.1 x 119.9)
Valve System	OHV, 24 valves, solid lifters
Fuel Injection	Electronic high-pressure common rail
Construction	Cast-iron block and head
Compression Ratio	17.2:1
Power (SAE net)	325 bhp (242 kW) @ 2,900 rpm—highoutput (51.7 bhp/L)
Torque (SAE net)	610 lb.-ft. (813 N•m) @ 1,600 rpm—high output
Maximum High-Idle Engine Speed	3,500 rpm
Fuel Requirement	Diesel
Oil Capacity	12 qt. (11.4L) with filter
Coolant Capacity	32.7 qt. (30.9L)
Emission Controls	Oxidation catalytic converter and internal engine features

ELECTRICAL SYSTEM

Alternator	
Availability	Standard—All
Rating	160-amp
Battery	
Availability	Standard—All
Gas Application	Maintenance-free, 655 CCA
Diesel application	Dual batteries: 750 CCA

TRANSMISSION: 5-45RFE—AUTOMATIC FIVE-SPEED

Availability	Std. with 5.7L engine
Description	Three planetary gear sets, one overrunning clutch, full electronic control, electronically controlled converter clutch
Gear Ratios	
1st	3.0
2nd	1.67—upshift; 1.50—kick-down
3rd	1.0
4th	0.75
5th	0.67
Reverse	3.00
Overall Top Gear	2.50 with 3.73 axle ratio; 2.75 with 4.10 axle ratio

TRANSMISSION: G56—MANUAL, SIX-SPEED OVERDRIVE

Availability	Std. with 5.9L high-output diesel engine
Description	Synchronized in all gears
Gear Ratios	
1st	6.29
2nd	3.48
3rd	2.10
4th	1.38
5th	1.00
6th	0.79
Reverse	5.74

**TRANSFER CASE: NV273**

Availability	NV273—std. 4x4
Type	Part-time
Operating Modes	2WD; 4WD High; Neutral; 4WD Low
Shift Mechanism	Electric
Low-range Ratio	2.72
Center Differential	None

DIMENSIONS AND CAPACITIES

	4X2	4X4
Wheelbase	160.5	160.3
Track, Front	68.6	69.5
Track, Rear	68.2	68.2
Overall Length	247.7	247.7
Overall Width	80.0	80.0
Overall Height	74.7	78.7
Tailgate Load Height	33	36.2
Ground Clearance		
Front axle	8.4	7.7
Rear axle	7.1	7.7
Approach Angle	19.1°	26.5°
Ramp Breakover Angle	15.2°	23.1°
Departure Angle	24.2°	27.9°
Frontal Area, sq. ft.	35.1	35.4
Fuel Tank, gal. (L)	35 (132)	35 (132)

BODY AND CHASSIS

	4X2	4X4
Layout	Longitudinal, front engine; Hotchkiss drive	Longitudinal, front engine; Hotchkiss drive, transfer case
Construction	Ladder-type frame, steel cab, double-wall steel pickup box	Ladder-type frame, steel cab, double-wall steel pickup box

SUSPENSION

Front	Short- and long-arm independent, coil springs, gas-charged monotube shock absorbers, stabilizer bar	Live axle, five-link wth track bar, coil springs, stabilizer bar, gas-charged monotube shock absorbers
Rear	Live axle, longitudinal leaf springs, gas-charged monotube shock absorbers – 2500 auxiliary springs added– 3500	Live axle, longitudinal leaf springs, gas-charged monotube shock absorbers – 2500; auxiliary springs added – 3500

STEERING

Overall Ratio	15.4:1	13.4:1
Steering Wheel Turns Lock to Lock	3	2.75
Turning Diameter (Curb to curb)	47.0 ft.	49.7 ft.

BRAKES

Front Size and Type	13.9 x 1.26 (353 x 35.5) vented disc with 2 x 2.20 (2 x 56) twin-piston sliding caliper and ABS	13.9 x 1.26 (353 x 35.5) vented disc with 2 x 2.20 (2 x 56) twin-piston sliding caliper and ABS
Swept Area	313.2 sq. in. (2021 sq. cm)	313.2 sq. in. (2021 sq. cm)
Rear Size and Type	13.9 x 1.18 (352.5 x 30) disc with 2 x 1.77 (2 x 45) twin-piston sliding caliper and ABS	13.9 x 1.18 (352.5 x 30) disc with 2 x 1.77 (2 x 45) twin-piston sliding caliper and ABS
Swept Area	309.6 sq. in. (1997 sq. cm)	309.6 sq. in. (1997 sq. cm)
Power Assist Type	Tandem diaphragm vacuum for 2500 gasoline engines Hydraulic booster for diesel engines	Tandem diaphragm vacuum for 2500 gasoline engines Hydraulic booster for diesel engines

**ACCOMMODATIONS**

Seating Capacity, F/R	3/3 (6 total)
Front	
Head room	40.8
Leg room	41.0
Shoulder room	67.0
Hip room	64.9
Rear	
Head room	40.5
Leg room	44.2
Shoulder room	66.5
Hip room	64.4
Knee clearance	9.7
Couple distance	40.2
Door opening width	34.5
Interior Occupant Volume	
Front	64.9 cu. ft.
Rear	68.9 cu. ft.
Interior Cargo Volume	
Load floor area	16.8 sq. ft.
Load floor height	37.9 in.
Volume behind second row	7.7 cu. ft.
Volume w/second-row seat stored	72.2 cu. ft.
Cargo Box	
Length (at floor)	76.3
Width (between wheels)	51.0
Width wall	66.4
Box height	20.2

ESTIMATED TRAILER TOWING CAPACITIES

DODGE RAM MEGA CAB 1500 2WD SLT

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	3.73	8510	2430	6082	3383	2699	4750	6010	14,000	7750
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	4.10	8510	2430	6082	3383	2699	4750	6010	15,000	8750

DODGE RAM MEGA CAB 1500 2WD LARAMIE

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	3.73	8510	2330	6179	3441	2738	4750	6010	14,000	7650
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	4.10	8510	2330	6179	3441	2738	4750	6010	15,000	8650

1. Payload is rounded to the nearest 10 lbs. Payload = GVWR – curb wt.
2. Maximum trailer weights are rounded to the nearest 50 lbs.
Maximum trailer weight = GCWR – curb wt. – 150 lbs. (allowance for driver).
Note that all the payload and max. trailer weights are ESTIMATED values.



ESTIMATED TRAILER TOWING CAPACITIES (cont.)

DODGE RAM MEGA CAB 1500 4WD SLT

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	3.73	8510	2040	6469	3673	2796	5200	6010	14,000	7400
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	4.10	8510	2040	6469	3673	2796	5200	6010	15,000	8400

DODGE RAM MEGA CAB 1500 4WD LARAMIE

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	3.73	8510	1880	6628	3839	2789	5200	6010	14,000	7200
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	4.10	8510	1880	6628	3839	2789	5200	6010	15,000	8200

1. Payload is rounded to the nearest 10 lbs. Payload = GVWR – curb wt.
2. Maximum trailer weights are rounded to the nearest 50 lbs.
Maximum trailer weight = GCWR – curb wt. – 150 lbs. (allowance for driver).
Note that all the payload and max. trailer weights are ESTIMATED values.

ESTIMATED TRAILER TOWING CAPACITIES (cont.)

DODGE RAM MEGA CAB 2500 2WD SLT

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	3.73	8800	2650	6146	3449	2697	4750	6010	15,000	8700
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	4.10	8800	2650	6146	3449	2697	4750	6010	17,000	10,700
5.9L 24V TDHO	M6	POS G56-6 6-spd. MANU (DEG)	3.73	9000	2080	6918	4166	2753	4750	6010	20,000	12,950
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	3.73	9000	2160	6840	4101	2740	4750	6010	20,000	13,000
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	4.10	9000	2160	6840	4101	2740	4750	6010	20,000	13,000

DODGE RAM MEGA CAB 2500 2WD LARAMIE

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	3.73	8800	2560	6243	3507	2736	4750	6010	15,000	8600
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	4.10	8800	2560	6243	3507	2736	4750	6010	17,000	10,600
5.9L 24V TDHO	M6	POS G56-6 6-spd. MANU (DEG)	3.73	9000	1570	7430	4580	2849	4750	6010	20,000	12,400
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	3.73	9000	1650	7352	4515	2836	4750	6010	20,000	12,500
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	4.10	9000	1650	7352	4515	2836	4750	6010	20,000	12,500

1. Payload is rounded to the nearest 10 lbs. Payload = GVWR – curb wt.

2. Maximum trailer weights are rounded to the nearest 50 lbs.

Maximum trailer weight = GCWR – curb wt. – 150 lbs. (allowance for driver).

Note that all the payload and max. trailer weights are ESTIMATED values.

ESTIMATED TRAILER TOWING CAPACITIES (cont.)

DODGE RAM MEGA CAB 2500 4WD SLT

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	3.73	8800	2120	6682	3855	2827	5200	6010	15,000	8150
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	4.10	8800	2120	6682	3855	2827	5200	6010	17,000	10,150
5.9L 24V TDHO	M6	POS G56-6 6-spd. MANU (DEG)	3.73	9000	1480	7520	4634	2886	5200	6010	20,000	12,350
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	3.73	9000	1560	7443	4570	2873	5200	6010	20,000	12,400
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	4.10	9000	1560	7443	4570	2873	5200	6010	20,000	12,400

DODGE RAM MEGA CAB 2500 4WD LARAMIE

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	3.73	8800	2100	6702	3904	2797	5200	6010	15,000	8150
5.7L V-8 Gas	A5	545RFE 5-spd. AUTO (DGQ)	4.10	8800	2100	6702	3904	2797	5200	6010	17,000	10,150
5.9L 24V TDHO	M6	POS G56-6 6-spd. MANU (DEG)	3.73	9000	1480	7520	4634	2886	5200	6010	20,000	12,350
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	3.73	9000	1560	7443	4570	2873	5200	6010	20,000	12,400
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	4.10	9000	1560	7443	4570	2873	5200	6010	20,000	12,400

1. Payload is rounded to the nearest 10 lbs. Payload = GVWR – curb wt.

2. Maximum trailer weights are rounded to the nearest 50 lbs.

Maximum trailer weight = GCWR – curb wt. – 150 lbs. (allowance for driver).

Note that all the payload and max. trailer weights are ESTIMATED values.

ESTIMATED TRAILER TOWING CAPACITIES (cont.)

DODGE RAM MEGA CAB 3500 2WD SLT

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.9L 24V TDHO	M6	POS G56-6 6-spd. MANU (DEG)	3.73	9900	2850	7052	4099	2953	4750	6200	23,000	15,800
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	3.73	9900	2930	6974	4034	2940	4750	6200	21,000	13,900
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	4.10	9900	2930	6974	4034	2940	4750	6200	23,000	15,900

DODGE RAM MEGA CAB 3500 2WD LARAMIE

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.9L 24V TDHO	M6	POS G56-6 6-spd. MANU (DEG)	3.73	9900	2890	7013	4135	2878	4750	6200	23,000	15,850
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	3.73	9900	2970	6935	4070	2865	4750	6200	21,000	13,900
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	4.10	9900	2970	6935	4070	2865	4750	6200	23,000	15,900

1. Payload is rounded to the nearest 10 lbs. Payload = GVWR – curb wt.
2. Maximum trailer weights are rounded to the nearest 50 lbs.
Maximum trailer weight = GCWR – curb wt. – 150 lbs. (allowance for driver).
Note that all the payload and max. trailer weights are ESTIMATED values.

**ESTIMATED TRAILER TOWING CAPACITIES (cont.)****DODGE RAM MEGA CAB 3500 4WD SLT**

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.9L 24V TDHO	M6	POS G56-6 6-spd. MANU (DEG)	3.73	9900	2430	7471	4455	3016	5200	6200	23,000	15,400
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	3.73	9900	2510	7393	4390	3003	5200	6200	21,000	13,450
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	4.10	9900	2510	7393	4390	3003	5200	6200	23,000	15,450

DODGE RAM MEGA CAB 3500 4WD LARAMIE

Engine	Trans Type	Transmission	Axle Ratio	GVWR	Payload	Base Curb Wt.	Base Curb Wt. Front	Base Curb Wt. Rear	GAWR Front	GAWR Rear	GCWR	Max. Trailer Wt.
5.9L 24V TDHO	M6	POS G56-6 6-spd. MANU (DEG)	3.73	9900	2430	7468	4456	3011	5200	6200	23,000	15,400
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	3.73	9900	2510	7390	4391	2998	5200	6200	21,000	13,450
5.9L 24V TDHO	A4	48RE 4-spd. AUTO (DG8)	4.10	9900	2510	7390	4391	2998	5200	6200	23,000	15,450

1. Payload is rounded to the nearest 10 lbs. Payload = GVWR – curb wt.

2. Maximum trailer weights are rounded to the nearest 50 lbs.

Maximum trailer weight = GCWR – curb wt. – 150 lbs. (allowance for driver).

Note that all the payload and max. trailer weights are ESTIMATED values.

