

2016 Dodge Grand Caravan SPECIFICATIONS

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

GENERAL INFORMATION

Vehicle Type	Multipurpose vehicle
Assembly Plant	Windsor, Ontario, Canada
EPA Vehicle Class	Multipurpose vehicle
Introduction Date	December 2008

BODY AND CHASSIS

Layout	Transverse front engine, front-wheel drive
Construction	Unitized steel with hinged front doors; sliding left and right side doors — power available; rear liftgate with gas props — power available

ENGINE: 3.6-LITER PENTASTAR, GASOLINE, V-6

Availability	Standard
Type and Description	60-degree bank angle, liquid-cooled with three-plenum intake manifold, electronically controlled manifold tuning valve and short-runner valves
Displacement	220 cu. in. (3,605 cu. cm)
Bore x Stroke	3.78 x 3.23 (96 x 83)
Valve System	DOHC, 24 valves, hydraulic, roller finger followers
Fuel Injection	Sequential, multiport, electronic
Construction	High-pressure die-cast A380 aluminum block with iron liners and semi-permanent mold A319 aluminum heads
Compression Ratio	10.2:1
Power (SAE net)	283 hp (211 kW) @ 6,400 rpm
Torque (SAE net)	260 lb.-ft. (353 N•m) @ 4,400 rpm
Max. Engine Speed	6,800 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2 — acceptable
Oil Capacity	6 quarts with dry filter
Coolant Capacity	10.3 quarts (9.75 liters)
Emission Controls	Dual catalytic converter, four heated oxygen sensors, electronic EGR, and internal engine features ^(a)
EPA Fuel Economy mpg (city/hwy)	17/25

Assembly Plant	Trenton Engine Plant, Trenton, Mich.
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(a) Meets Federal Tier 2, Bin 5 emission requirements and ULEV II requirements in California, Massachusetts, New York, Maine, Vermont, Connecticut, Pennsylvania, Rhode Island, New Jersey, Oregon and Washington. Meets Euro IV emissions requirements.

TRANSMISSION: 62TE, AUTOMATIC, SIX-SPEED OVERDRIVE

Availability	Standard
Description	Six-speed, adaptive electronic control, electronically modulated torque converter clutch
Gear Ratios	
1st	3.90
2nd	2.69
3rd	2.16
4th	Upshift – 1.37 WOT kickdown – 1.49
5th	0.95
6th	0.65
Reverse	3.04
Transfer Ratio	0.95
Final Drive Ratio	3.16
Overall Top Gear	2.068

ELECTRICAL SYSTEM

Alternator	160-amp
Battery	730 CCA, maintenance-free

SUSPENSION

Front	Independent MacPherson strut, coil over gas-charged shock absorbers, stabilizer bar with isolated suspension cradle
Rear	Twist-beam axle with coil springs, track bar, gas-charged shock absorbers; self-leveling shock absorbers optional

STEERING

Type	Power rack and pinion
Overall Ratio	14.3:1
Turning Diameter (curb-to-curb)	39.1 ft. (11.92 m)
Steering Turns (lock-to-lock)	2.90
P/S pump	Hydraulic

BRAKES

Type	All — Power assist, 9 x 9 (230 x 230) tandem-diaphragm vacuum, anti-lock braking system
Availability	U.S. — Standard on all models
Front	
Rotor size and type	13.0 x 1.1 (330 x 28) vented rotor
Caliper size and type	2.0 (51) twin-piston
Swept area	73.6 sq. in. (475 sq. cm)
Rear	
Rotor size and type	12.9 x 0.47 (328 x 12) solid rotor
Caliper size and type	1.8 (45) single-piston IPB
Swept area	66.5 sq. in. (429 sq. cm)

DIMENSIONS AND CAPACITIES

Wheelbase	121.2 (3,078.2)
Overhang — Front	37.8 (960.9)
Overhang — Rear	43.8 (1,112.1)
Track — Front	65.6 (1,665.5)
Track — Rear	64.8 (1,647.0)
Overall Length	203.7 (5,174)
Overall Width	78.7 (1,998.2)
Overall Width with Mirrors	88.5 (2,246.8)
Overall Height	69.0 (1,752.6)
Liftover Height	24.0 (609.0)
Cargo Width at Wheelhouse	48.8 (1,236.0)
Maximum Cargo Height	46.16 (1,172.4)
Approach Angle (degrees)	13.7
Ramp Breakover Angle (degrees)	13.6
Departure Angle (degrees)	18.5
Minimum Running Ground Clearance (curb load)	5.8 (148)
Frontal Area	32.3
Drag Coefficient (Cd)	.316
Aero CdA	10.2
Fuel Tank Capacity, gal. (liter)	20 (76)
Gross Vehicle Weight Rating (GVWR), lbs. (kg)	6,050 (2,744.2)

Towing Capacity, lbs. (kg)	3,600 (1,632.9) — with Trailer-tow Prep Package
U.S. Curb Weight, lbs. (kg)	4,510 (2,050) — automatic transaxle
Weight Distribution % F/R	56/44

ACCOMMODATIONS

Seating Capacity (front/second/third rows)	2/2/3
SAE Total Interior Passenger Volume, (cu. ft. / cu. m)	163.5 (4.63) / 156.1 (4.42)
Front	
Headroom	39.8 (1,011.9)
Headroom with Sunroof	37.2 (946.0)
Legroom	40.7 (1,034.4)
Shoulder Room	63.7 (1,618.6)
Hip Room	58.4 (1,484.5)
Seat Travel	8.7 (220)
Recliner Angle Range (degrees)	Manual recline: 88 Power recline: 59
Front Passenger Volume, cu. ft. (cu. m)	58.4 (1.65)
Intermediate	
Head Room	37.0 (938.5) bench seat 39.3 (998.9) captain's chairs
Legroom	37.1 (941.1) bench seat 36.5 (925.9) captain's chairs
Shoulder Room	64.7 (1,643.3) bench seat 64.1 (1,628.1) captain's chairs
Hip Room	64.8 (1,646) bench seat 65.0 (1,650.8) captain's chairs
Intermediate Passenger Volume, cu. ft. (cu. m)	54.0 (1.53)
Rear	
Head Room	37.9 (962.9) bench seat/captain's chairs
Legroom	37.7 (958.5) bench seat 32.7 (829.7) captain's chairs
Shoulder Room	62.0 (1,574.6) bench seat/captain's chairs
Hip Room	48.7 (1,237.7) bench seat/captain's chairs
Rear Passenger Volume, cu. ft. (cu. m)	51.1 (1.45)

Cargo Volume	
Maximum Passenger Volume, cu. ft. (cu. m)	158.6 (4.49)
Maximum SAE Volume behind First Row, cu. ft.	140.3 (3.97)
Maximum SAE Volume behind Second Row, cu. ft.	78.9 (2.23)
Maximum SAE Volume behind Third Row, cu. ft.	31.1 (0.88)
Total Passenger plus volume behind Third Row, cu. ft.	190.8 (5.40)

WHEELS

Availability	Standard — Grand Caravan SE
Type and Material	Steel with painted bolt-on wheel cover
Size	17 x 6.5
Availability	Standard — Grand Caravan SXT, R/T Optional — SE
Type and Material	Cast-aluminum
Size	17 x 6.5

TIRES

Availability	Standard — Grand Caravan AVP, SE, SXT
Size and Type	225/65R17, All-season
Model	Yokohama Avid S33 or Kumho Solus KH16
Availability	Standard — Grand Caravan R/T
Size and Type	225/65R17, All-season
Model	Michelin Energy Saver
Parking Brake Type	Integral parking brake
Four-wheel Anti-lock Brakes	Standard
Electronic Stability Control	Standard
All-speed Traction Control	Standard
Brake Assist	Standard

