



## GRAND CARAVAN SPECIFICATIONS

### 2013 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	November 2010

#### BODY/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, GASOLINE, DOHC, 24-VALVE, V-6

Availability	Standard
Type and Description	60° bank angle, liquid-cooled, with three-plenum intake manifold, electronically-controlled manifold tuning valve and short-runner valves
Displacement	3605 cu. cm
Bore x Stroke	96 x 83
Valve System	DOHC, 24 valves, hydraulic, roller finger followers
Fuel Injection	Sequential, multi-port, electronic
Compression Ratio	10.2:1
Construction	High-pressure die-cast A380 aluminum block with iron liners and semi-permanent mold A319 aluminum heads
Power (SAE net)	283 bhp (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 qts. with dry filter
Coolant Capacity	10.3 qts. (9.75 LITER)
Emission Controls	Dual catalytic converter, four heated oxygen sensors, electronic EGR, and internal engine features <sup>(a)</sup>
EPA Fuel Economy mpg (city/hwy)	17/25
Assembly Plant	Trenton Engine Plant, Trenton, Mich.

(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.



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### TRANSMISSION: 62TE, AUTOMATIC, SIX-SPEED OVERDRIVE

Availability	Standard
Description	6-speed, adaptive electronic control, electronically modulated torque converter clutch
Gear Ratios	
1 <sup>st</sup>	4.127
2 <sup>nd</sup>	2.842
3 <sup>rd</sup>	2.283
4 <sup>th</sup>	Upshift – 1.452 WOT kickdown – 1.570
5 <sup>th</sup>	1.0
6 <sup>th</sup>	0.690
Reverse	3.214
Transfer Ratio	0.95
Final Drive Ratio	3.16
Overall Top Gear	2.24
Electrical System	
Alternator	160A
Battery	700 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) (ft./m)	39.1 ft. (11.92 m)
Steering Turns (lock-to-lock)	2.90
P/S pump	Hydraulic

### BRAKES

Type	All — Power assist, 8 x 9 (204 x 320) tandem-diaphragm vacuum, ABS
Availability	U.S. — Standard on all models
Front	
Rotor size and type	11.9" x 1.1" (302mm x 28mm) vented rotor



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Caliper size and type	66 mm single-piston caliper
Swept area, (sq. in. / sq. cm)	55.0 sq. in. (355 sq. cm)
Rear	
Rotor size and type	12.0" x 0.47" (305mm x 12mm) solid rotor
Caliper size and type	42 mm single-piston IPB caliper
Swept area, (sq. in. / sq. cm)	54.3 sq. in. (350 sq. cm)

### DIMENSIONS AND CAPACITIES

Wheelbase	121.2 (3078.2)
Overhang—Front	37.8 (960.9)
Overhang—Rear	43.8 (1112.1)
Track—Front	65.6 (1665.5)
Track—Rear	64.8 (1647.0)
Overall Length	202.8 (5151.2)
Overall Width	78.7 (1998.2)
Overall Width with Mirrors	88.5 (2246.8)
Overall Height	67.9 (1725.3)
Liftover Height	24.4 (619.9)
Cargo Width at Wheelhouse	49.03 (1245.5)
Maximum Cargo Height	46.16 (1172.4)
Approach Angle (degrees)	13.4
Ramp Breakover Angle (degrees)	13.6
Departure Angle (degrees)	17.5
Minimum Running Ground Clearance (curb load)	5.6 (142.2)
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 (1632.9) — with Trailer-tow Prep Package
U.S. Curb Weight, lbs. (kg)	4,510 (2050) — 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)



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#### Front

Head Room	39.8 (1011.9)
Head Room with sunroof	37.2 (946.0)
Legroom	40.7 (1034.4)
Shoulder Room	63.7 (1618.6)
Hip Room	58.4 (1484.5)
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 (1643.3) Bench seat 64.1 (1628.1) Captain's chairs
Hip Room	64.8 (1646) Bench seat 65.0 (1650.8) 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 (1574.6) Bench seat/Captain's chairs
Hip Room	48.7 (1237.7) Bench seat/Captain's chairs
Rear Passenger Volume, cu. ft. (cu. m)	51.1 (1.45)

#### Cargo Volume

Maximum Cargo Volume, cu. ft. (cu. m)	143.8 (4.1)
Behind Second-row Seats, cu. ft. (cu. m)	83.3 (2.34)
Aft of Third-row Seat, cu. ft. (cu. m)	33.0 (0.93)
Total Passenger plus Cargo Volume, cu. ft. (cu. m)	195.8 (5.54)



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### WHEELS

Availability	Standard on Grand Caravan AVP and SE (late availability)
Type and Material	Steel with painted bolt-on wheel cover
Size	16 x 6.5 (early production) / 17 x 6.5 (late availability)
Availability	Standard on Grand Caravan SXT and Crew
Type and Material	Cast-aluminum fully painted Tech Silver
Size	17 x 6.5
Availability	Standard on Grand Caravan R/T
Type and Material	Cast-aluminum fully painted Satin Carbon
Size	17 x 6.5

### TIRES

Availability	Standard on Grand Caravan AVP and SE (late availability)
Size and Type	235/60R16, All-season (225/65R17, All-season – late availability)
Model	Kumho Solus KH25
Revs per Mile (km)	774 (464)
Availability	Standard on Grand Caravan SXT, Crew and R/T
Size and Type	225/65R17, All-season
Model	Kumho Solus KH25
Revs per Mile (km)	737 (458)
Parking Brake Type	Integral parking brake
Four-wheel Anti-lock brakes	Standard
Electronic Stability Control	Standard
All-speed traction control	Standard
Brake Assist	Standard

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