

2012 Dodge Grand Caravan SPECIFICATIONS

NOTE: Information shown is correct at time of publication and is subject to change.

The information shown is preliminary and based on data available at the time of publication. All dimensions are in inches (millimeters) unless otherwise noted. All dimensions are measured at curb weight with standard wheels and tires unless otherwise noted.

GENERAL INFORMATION

Body Style	Multipurpose vehicle
Assembly Plant	Windsor, Ontario, Canada
EPA Vehicle Class	Multipurpose vehicle
Introduction date	December 2008

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
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 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. (9.75L)
Emission Controls	Dual catalytic converter, four heated oxygen sensors, electronic EGR and internal engine features ^(d)
EPA Fuel Economy mpg (city/hwy), NAFTA Markets	17/25
Assembly Plant	Trenton Engine Plant, Trenton, Mich.

(d) 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.

TRANSAXLE: 62TE, AUTOMATIC SIX-SPEED OVERDRIVE

Availability	Standard
Description	6-speed, adaptive electronic control, electronically modulated torque converter clutch
Gear Ratios	
1 st	4.127
2 nd	2.842
3 rd	2.283
4 th	Upshift – 1.452 WOT kickdown – 1.570
5 th	1.0
6 th	0.690
Reverse	3.214
Transfer Ratio	0.95
Final Drive Ratio	3.16
Overall Top Gear	2.24

DRIVETRAIN

Front-wheel Drive	Standard
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ELECTRICAL SYSTEM

Alternator	160A
Battery	700 CCA, maintenance-free

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)



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Angle of Approach (curb load)	13.4°
Angle of Departure (curb load)	17.5°
Breakover Angle (curb load)	13.6°
Minimum Running Ground Clearance (curb load)	5.6 (142.2)
Fuel Tank Capacity, gal. (L)	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 — F//R	2/2/3
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SAE Total Interior Passenger Volume, cu. ft. (cu. m)	163.5 (4.63) / 156.1 (4.42)

Front

Head Room	39.8 (1011.9)
Legroom	40.7 (1034.4)
Shoulder Room	63.7 (1618.6)
Hip Room	58.4 (1484.5)
Seat Travel	8.7 (220)

Intermediate

Head Room	39.3 (998.9)
Legroom	36.5 (925.9)
Knee Clearance	3.2 (81.4)
Shoulder Room	64.1 (1628.1)
Hip Room	65.0 (1650.8)
Intermediate Passenger Volume, cu. ft. (cu. m)	54.0 (1.53)

Rear

Head Room	37.9 (962.9)
Legroom	32.7 (829.7)
Knee Clearance	6.0 (153.0)
Shoulder Room	62.0 (1574.6)
Hip Room	48.7 (1237.7)



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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)
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
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
BRAKES	
Power Assist Type	All — 8 x 9 (204 x 320) tandem-diaphragm vacuum
Availability	U.S. — standard on all models
Front	
Size and Type	11.9 x 1.1 (302 mm x 28 mm) vented rotors with 66 mm single-piston caliper
Swept Area (total front)	55.0 sq. in. (355 sq. cm)
Rear	
Size and Type	12.0 x 0.47 (305 mm x 12 mm) solid rotors with 42 mm single-piston IPB caliper
Swept Area (total rear)	54.3 sq. in. (350 sq. cm)
Parking Brake Type	Integral parking brake
Four-wheel Anti-lock brakes	Standard



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Electronic Stability Control	Standard
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All-speed traction control	Standard
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WHEELS

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

Availability	Standard on Grand Caravan SE-AVP, SE, SXT
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Size and Type	235/60R16, All-season
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Model	Kumho Solus KH25
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Revs per Mile (km)	774 (464)
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Availability	Standard on Grand Caravan Crew and R/T
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Size and Type	225/65R17, All-season
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Model	Kumho Solus KH25
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Revs per Mile (km)	737 (458)
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