

2012 DODGE GRAND CARAVAN CANADIAN 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 millimetres (inches) 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
EnerGuide Vehicle Class	Multipurpose vehicle
Introduction date	December 2008

ENGINE: 3.6-LITRE PENTASTAR™ DOHC 24-VALVE VVT V6

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, cu. cm	3605
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	283 bhp @ 6,400 rpm
Torque	260 lb.-ft. @ 4,400 rpm
Max. Engine Speed	6,800 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2 — acceptable
Oil Capacity, L (qts)	5.68 (6) with dry filter
Coolant Capacity, L (qts)	9.75 (10.3)
Emission Controls	Dual catalytic converter, four heated oxygen sensors, electronic EGR, and internal engine features
EnerGuide Fuel Economy L/100 km (mpg) - City/Hwy NAFTA Markets	12.2(23)/7.9 (36)
Assembly Plant	Trenton Engine Plant, Trenton, Michigan, USA

TRANSAXLE: 62TE, AUTOMATIC SIX-SPEED OVERDRIVE

Availability	Standard
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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	3,078(121.2)
Overhang—Front	961 (37.8)
Overhang—Rear	1,112(43.8)
Track—Front	1,666 (65.6)
Track—Rear	1,647 (64.8)
Overall Length	5,151 (202.8)
Overall Width	1,998 (78.7)
Overall Width with Mirrors	2,247 (88.5)
Overall Height	1,725 (67.9)
Liftover Height	620 (24.4)
Cargo Width at Wheelhouse	1,246 (49.03)
Maximum Cargo Height	1,172 (46.16)
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)	142(5.6)
Fuel Tank Capacity, L (imp. gal.)	76 (17)
Gross Vehicle Weight Rating (GVWR), kg (lb)	2,744 (6,050)
Towing Capacity, kg (lb)	1,632.9 (3,600)— with Trailer-tow Prep Package
Curb Weight, kg (lb)	2,050 (4,510)— Automatic transaxle
Weight Distribution % F/R	56/44

ACCOMMODATIONS

Seating Capacity — F/I/R	2/2/3
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Total Interior Passenger Volume, L (cu. ft.)	4,630 (163.5) / 4,420 (156.1)

Front

Head Room	1,012(39.8)
Head Room with Sunroof	946 (37.2)
Legroom	1,034 (40.7)
Shoulder Room	1,619 (63.7)
Hip Room	1,485 (58.4)
Seat Travel	220 (8.7)

Intermediate

Head Room	999 (39.3)
Legroom	926 (36.5)
Knee Clearance	81 (3.2)
Shoulder Room	1,628(64.1)
Hip Room	1,651 (65.0)
Intermediate Passenger Volume, L (cu. ft.)	1,529 (54.0)

Rear

Head Room	963 (37.9)
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Legroom	830 (32.7)
Knee Clearance	153(6.0)
Shoulder Room	1,575 (62.0)
Hip Room	1,238 (48.7)
Rear Passenger Volume, L (cu. ft.)	1,447 (51.1)

Cargo Volume

Maximum Cargo Volume, L (cu. ft.)	4,072 (143.8)
Behind Second-row Seats, L (cu. ft.)	2,359 (83.3)
Aft of Third-row Seat, L (cu. ft.)	934 (33.0)
Total Passenger plus Cargo Volume, L (cu. ft.)	5,544 (195.8)

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), m (ft.)	11.92(39.1)
Steering Turns (lock-to-lock)	2.90

BRAKES

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

WHEELS – DODGE

Availability	Standard on Grand Caravan CVP and SXT
Type and Material	Steel with wheel cover
Size	16 x 6.5

Availability	Standard on Grand Caravan SE Plus and SXT Plus
Type and Material	Cast-aluminum
Size	16 x 6.5

Availability	Standard on Grand Caravan Crew and Crew Plus
Type and Material	Cast-aluminum
Size	17 x 6.5

Availability	Standard on Grand Caravan R/T
Type and Material	Cast-aluminum Satin Carbon
Size	17 x 6.5

TIRES – DODGE

Availability	Standard on Grand Caravan CVP, SE Plus, SXT and SXT Plus Optional on Crew
Size and Type	225/65R16, All-season
Model	Yokohama Avid S33
Revs per km (Mile)	742 (760)

Availability	Standard on Grand Caravan Crew, Crew Plus and R/T
Size and Type	P225/65R17, All-season
Model	Kumho Solus, KH16
Revs per km (Mile)	453 (729)

Availability	Optional on Grand Caravan Crew Plus and R/T
Size and Type	P225/65R17, All-season
Model	Michelin Energy Saver A/S
Revs per km (Mile)	457 (736)

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