

## 2013 Dodge Avenger

### CANADIAN SPECIFICATIONS

All dimensions are in millimetres (inches) unless otherwise noted.

All dimensions are measured at curb weight with standard wheels and tires unless otherwise noted.

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

#### GENERAL INFORMATION

Vehicle Type	Four-door sedan
Assembly Plant	Sterling Heights, Michigan, U.S.A.
EnerGuide Vehicle Class	Mid-size Sedan
Introduction Date	December 2008

#### ENGINE: 2.4-LITRE GASOLINE DOHC 16-VALVE DUAL VVT SMPI I-4

Availability	Standard on Avenger CVP, SXT
Type and Description	Four cylinders in-line, tuned intake manifold with electronic active charge motion control valves, dual counter-rotating balance shafts
Displacement, cu. cm (cu. in.)	2360 (144)
Bore x Stroke	88 x 97 (3.46 x 3.82)
Valve System	Chain-driven DOHC, 16 valves, electronically-controlled dual Variable-Valve Timing (VVT), direct-acting shimless mechanical bucket tappets
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	High-pressure die-cast aluminum block with dry iron liners, cast-aluminum cylinder heads, cast-aluminum ladder frame, forged steel crankshaft
Compression Ratio	10.5:1
Power	173 bhp @ 6,000 rpm
Torque	166 lb.-ft. @ 4,400 rpm
Max. Engine Speed (rpm)	6,500 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity, L (qt.)	4.23 (4.5)
Coolant Capacity, L (qt.)	6.8 (7.2)
Emission Controls, g/km (g/mile)	Single catalytic converter, dual heated oxygen sensors and engine features 0.56 (0.9)
2012 EnerGuide Fuel Economy L/100 km (mpg) - City/Hwy	9.9 (29)/6.7 (42) – 4-speed ATX 10.5 (27)/6.4 (44) – 6-speed ATX

#### ENGINE: 3.6-LITRE GASOLINE DOHC 24-VALVE SMPI VVT V6

Availability	Optional on Avenger CVP and SXT models, Standard on SXT Plus and R/T
Type and Description	60-degree bank angle, liquid-cooled, three-plenum intake manifold with electronically-controlled manifold tuning valve, short-runner valves and Variable Valve Timing
Displacement, cu. cm	3605
Bore x Stroke	96 x 83 (3.78 x 3.28)



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Valve System	DOHC, 24 valves, hydraulic, electronically controlled Variable Valve Timing, roller finger followers
Fuel Injection	Sequential, multi-port, electronic
Construction	High-pressure die-cast A380 aluminum block with iron liners and semi - permanent mould A319 aluminum heads
Compression Ratio	10.0:1
Power	283 hp @ 6,400 rpm
Torque	260 lb.-ft. @ 4,400 rpm
Max. Engine Speed (rpm)	6,800 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2 – acceptable
Oil Capacity, L (qt.)	5.7 (6) with dry filter
Coolant Capacity, L (qt.)	9.75 (10.3) pts
Emission Controls	Dual catalytic converter, four heated oxygen sensors, electronic EGR, and internal engine features
2012 EnerGuide Fuel Economy L/100 km (mpg) - City/Hwy	11.0 (26)/6.8 (42)

### TRANSAXLE: 40TES AUTOMATIC FOUR-SPEED OVERDRIVE

Availability	Standard with Avenger CVP and SXT models
Description	Four-speed overdrive, adaptive electronic control, electronically-modulated converter clutch
<b>Gear Ratios</b>	
1 <sup>ST</sup>	2.842
2 <sup>ND</sup>	1.57
3 <sup>RD</sup>	1.00
4 <sup>TH</sup>	0.69
Reverse	3.214
Final Drive Ratio	3.91 with 2.4L engine
Overall Top Gear	2.69 with 2.4L engine

### TRANSAXLE: 62TE AUTOMATIC SIX-SPEED OVERDRIVE

Availability	Optional on Avenger CVP and SXT models, Standard with SXT Plus and R/T
Description	Six-speed, adaptive electronic control or Auto/Stick™ driver-interactive manual control and electronically-modulated torque converter clutch
<b>Gear Ratios</b>	
1 <sup>ST</sup>	4.127
2 <sup>ND</sup>	2.842
3 <sup>RD</sup>	2.283
4 <sup>TH</sup>	1.452
5 <sup>TH</sup>	1.00
6 <sup>TH</sup>	0.69
Reverse	2.21
Transfer Ratio	0.95
Final Drive Ratio	3.16 w/ 3.6L engine, 3.43 w/ 2.4L engine
Overall Top Gear	2.06 w/ 3.6L engine, 2.24 w/ 2.4L engine



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### DRIVETRAIN

#### Front-wheel Drive

Availability	Standard with all engines
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### DIMENSIONS AND CAPACITIES

Wheelbase	2765 (108.9)
Track, Front	1567 (61.7)
Track, Rear	1594 (62.7)
Overall Length	4892 (192.6)
Overall Width	1850 (72.8) w/o side mirrors / 2064 (81.3) with side mirrors
Overall Height	1483 (58.4) with P225/55R17
Cd	0.328
Fuel Tank Capacity, L (gal.)	64 (14) Standard and FFV
Towing Capabilities, kg (lb.)	
2.4L Auto. Trans.	454 (1000)
3.6L Auto. Trans.	454 (1000)
Curb Weight, kg (lb.)	
2.4L I-4 Engine	Avenger CVP 1542 (3400)
3.6L V6 Engine	Avenger SXT 1636 (3607)

### ACCOMMODATIONS

Seating Capacity - F/R	2/3
Total Interior Passenger Volume, L (cu. ft.)	2837 (100.2)
Front	
Head Room w/o Sunroof	1017 (40.0)
Head Room w/Sunroof	963 (37.9)
Legroom	1077 (42.4)
Shoulder Room	1431 (56.3)
Hip Room	1336 (52.6)
Seat Travel	260 (10.32)
Front Compartment Volume, L (cu. ft.)	1565 (55.3)
Rear	
Head Room w/o Sunroof	972 (38.3)
Legroom	919 (36.2)
Shoulder Room	1422 (56.0)
Hip Room	1341 (52.8)
Knee Clearance	49 (2.0)
Rear Compartment Volume L (cu. ft.)	1271 (44.9)
Cargo	
Trunk Lift-over Height	774 (30.5) with P225/55R17
Luggage Compartment Volume, L (cu. ft.)	382 (13.5)



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### BODY/CHASSIS

Layout	Transverse front engine, front-wheel drive
Construction	Steel Unibody

### SUSPENSION

Front	Independent MacPherson strut, coil spring over gas-charged shock absorbers, stabilizer bar with isolated suspension cradle
Rear	Multi-link independent with coil springs, link-type stabilizer bar, gas-charged shock absorbers and isolated rear suspension cradle

### STEERING

Type	Power rack and pinion
Overall Ratio	16.65:1
Turning Diameter (curb-to-curb) (ft./m)	11.1 (36.5) (17-in. wheels), 11.4 (37.7) (18-in. wheels)
Steering Turns (lock-to-lock)	2.98 (17-in. wheels), 2.89 (18-in. wheels)

### BRAKES

Availability	Standard on Avenger CVP, SXT, SXT Plus and R/T models
Power-assist Type, in. (mm)	8 x 9 (204 x 230) tandem-diaphragm vacuum
Front	
Size and Type, in. (mm)	11.5 x 1.0 (294 x 26) vented rotors with 2.2 (57.0) single-piston floating caliper
Swept Area (Total Front), sq. cm (sq. in.)	1442 (223.5)
Rear	
Size and Type in. (mm)	10.3 x 0.4 (262 x 10) solid rotor with 1.4 (35.0) single-piston floating caliper
Swept Area (Total Rear), sq. cm (sq. in.)	895 (138.6)
Parking Brake Type	Drum-in-hat
Anti-lock Brake System (ABS)	Standard
Electronic Stability Control (ESC)	Standard
Traction Control	Standard
Brake Assist	Standard

### WHEELS

Availability	Standard on Avenger CVP model
Type and Material	Steel wheel with wheel cover, Sparkle Silver
Size (in.)	17 x 6.5
Availability	Available on Avenger CVP model
Type and Material	Cast aluminum
Size (in.)	17 x 6.5
Availability	Standard on Avenger SXT and SXT Plus models
Type and Material	Cast-aluminum, Sparkle Silver
Size (in.)	18 x 7.0



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Availability	Available on Avenger SXT and SXT Plus
Type and Material	Chrome-Clad aluminum
Size (in.)	18 x 7.0

Availability	Standard on Avenger R/T
Type and Material	Aluminum, Rallye Design
Size (in.)	18 x 7.0

### TIRES

Availability	Standard on Avenger SXT, SXT Plus and R/T models
Size and type	P225/50R18, All-season Touring
Mfr. and model	Goodyear Eagle LS-2
Revs per km (mile)	1250 (777)

Availability	Standard on Avenger CVP models
Size and type	P225/55R17, All-season Touring
Mfr. and model	Continental ProContact Touring
Revs per km (mile)	1263 (779)

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