

2012 Dodge Avenger

CANADIAN SPECIFICATIONS

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	Four-door sedan
Assembly Plant	Sterling Heights Assembly, Michigan, USA
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.)	2,360 (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	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)
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.	3,605
Bore x Stroke	96 x 83 (3.78 x 3.28)
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 mold A319 aluminum heads
Compression Ratio	10.0:1
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 (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
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
Gear Ratios	
1 st	2.842
2 nd	1.57
3 rd	1.00
4 th	0.69
Reverse	2.21
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
Gear Ratios	
1 st	4.127
2 nd	2.842
3 rd	2.283
4 th	1.452
5 th	1.00
6 th	0.69
Reverse	3.214
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

DRIVETRAIN**Front-wheel Drive**

Availability	Standard with all engines
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DIMENSIONS AND CAPACITIES

Wheelbase	2,765 (108.9)
Track, Front	1,567 (61.7)
Track, Rear	1,594 (62.7)
Overall Length	4,892 (192.6)
Overall Width	1,850 (72.8) w/o side mirrors / 2,064 (81.3) with side mirrors
Overall Height	1,483 (58.4) with P225/55R17
Cd	0.328
Fuel Tank Capacity, L (imp. gal.)	64 (14) Standard and FFV
Towing Capabilities, kg (lb.)	
2.4L Auto. Trans.	450 (1,000)
3.6L Auto. Trans.	450 (1,000)
Curb Weight, kg (lb.)	
2.4L I-4 Engine	Avenger CVP 1,542 (3,400)
3.6L V6 Engine	Avenger SXT Plus 1,636 (3,607)

ACCOMMODATIONS

Seating Capacity - F/R	2/3
Total Interior Passenger Volume, L (cu. ft.)	2,837 (100.2)
Front	
Head Room w/o Sunroof	1,017 (40.0)
Head Room w/Sunroof	963 (37.9)
Legroom	1,077 (42.4)
Shoulder Room	1,431 (56.3)
Hip Room	1,336 (52.6)
Seat Travel	260 (10.32)
Front Compartment Volume, L (cu. ft.)	1,565 (55.3)
Rear	
Head Room w/o Sunroof	972 (38.3)
Legroom	919 (36.2)
Shoulder Room	1,422 (56.0)
Hip Room	1,341 (52.8)
Knee Clearance	49 (2.0)
Rear Compartment Volume L (cu. ft.)	1,271 (44.9)
Cargo	
Trunk Lift-over Height	774 (30.5) with P225/55R17
Luggage Compartment Volume, L (cu. ft.)	382 (13.5)

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), m (ft.)	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
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Power-assist Type in. (mm)	8 x 9 (204 x 230) tandem-diaphragm vacuum
<i>Front</i>	
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.)	1,442 (223.5)
<i>Rear</i>	
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	17 x 6.5
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Availability	Available on Avenger CVP model
Type and Material	Cast aluminum
Size	17 x 6.5
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Availability	Standard on Avenger SXT and SXT Plus models
Type and Material	cast-aluminum, Sparkle Silver
Size	17 x 6.5
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Availability	Available on Avenger SXT and SXT Plus
Type and Material	Chrome-Clad Aluminum
Size	18 x 7.0
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Availability	Standard on Avenger R/T
Type and Material	Aluminum, Rallye Design
Size	18 x 7.0

TIRES

Availability	Standard on Avenger SXT, SXT Plus and R/T models
Size and Type	P225/50R18, All-season Touring
Model	Goodyear Eagle LS-2
Revs per km (Mile)	1,250 (777)

Availability	Standard on Avenger CVP models
Size and Type	P225/55R17, All-season Touring
Model	Continental ProContact Touring
Revs per km (Mile)	1,263 (779)

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