

Note: Information shown is based on data available at time of publication (September 1, 2009). Specifications are valid for Europe and may vary in other international markets. Vehicle model availability may change per individual markets.

Dodge Avenger

SPECIFICATIONS

Dimensions are in millimeters (inches) unless otherwise noted.

GENERAL INFORMATION

Body Style	Four-door sedan
Assembly Plant	Sterling Heights Assembly, Mich.
Vehicle Class	D-Segment

ENGINE: 2.0-LITER TURBO DIESEL DOHC 16-VALVE

Availability	Available on all Avenger models
Type and Description	Four cylinders in-line, turbocharged, high-pressure, direct injection
Displacement	1968 cu. cm (120.1 cu. in.)
Bore x Stroke	81 x 95.5 mm (3.19 x 3.76)
Valve System	Belt-driven DOHC, 16-valve
Fuel Injection	Electronically controlled, high-pressure direct injection
Construction	Cast-iron block, cast aluminum cylinder head, cast aluminum ladder frame, forged steel crankshaft
Compression Ratio	18.0:1
Power	103 kW (140 hp DIN) @ 4000 rpm (70.0 hp DIN/L)
Torque	310 N•m (229 lb.-ft.) @ 1750 – 2500 rpm
Max. Engine Speed	5000 rpm (electronically limited)
Fuel Requirement	49 cetane diesel, DIN EN590
Oil Capacity	4.2 L (4.4 qt.) with dry filter
Coolant Capacity	4.0 L (4.2 qt.)
Emission Controls	Oxy-catalyst with integrated Diesel-particulate Filter (DPF) and cooled Exhaust-gas Recirculation (EGR)
Emission Class	Euro IV
Fuel Consumption	
Urban Cycle	8.2 L/100 km (6-mtx); 8.7 L/100 km (DCT)
Ex-urban Cycle	5.1 L/100 km (6-mtx); 5.6 L/100 km (DCT)
Combined Cycle	6.2 L/100 km (6-mtx); 6.8 L/100 km (DCT)
CO2 Emissions	164 g/km (6-mtx); 178 g/km (DCT)

ENGINE: 2.4-LITER, GASOLINE, DOHC, 16-VALVE, VVT, SMPI I-4

Availability	Available on all Avenger models
Type and Description	Four-cylinders inline, tuned intake manifold with Electronic Active Charge Motion Control valves, dual counter-rotating balance shafts dual Variable-valve Timing (VVT)
Displacement	2360 cu. cm (144 cu. in.)
Bore x Stroke	3.46 x 3.82 (88 x 97)
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	125 kW (170 hp DIN) @ 6000 rpm (70.8 hp DIN/L)
Torque	220 N•m (162 lb.-ft.) @ 4400 rpm
Max. Engine Speed	6500 rpm (electronically limited)
Fuel Requirement	91 RON unleaded petrol
Oil Capacity	4.7 L (5.0 qt.)
Coolant Capacity	6.8 L (7.2 qt.)
Emission Controls	Single catalytic converter, dual heated oxygen sensors and engine features
Emission Class	Euro IV
Fuel Consumption	
Urban Cycle	12.2 L/100 km
Ex-urban Cycle	6.8 L/100 km
Combined Cycle	8.8 L/100 km
CO2 Emissions	208 g/km (4-atx)

ENGINE: 2.7-LITER, GASOLINE, DOHC, 24-VALVE, SMPI V-6

Availability	Available on Avenger SXT and R/T models
Type and Description	60-degree, liquid-cooled, dual-tuned intake manifold with electronically controlled manifold tuning valve
Displacement	2736 cu. cm (167 cu. in.)
Bore x Stroke	86 x 78.5 (3.38 x 3.09)
Valve System	DOHC, 24 valves, hydraulic end-pivot roller followers
Fuel Injection	Sequential, multi-port, electronic
Construction	Semi-permanent mold aluminum block with cast-in iron liners, cast-aluminum heads
Compression Ratio	9.9:1
Power	137 kW (186 hp DIN) @ 5500 rpm (68.8 hp DIN/L)
Torque	256 N•m (191 lb.-ft.) @ 4000 rpm
Max. Engine Speed	6464 rpm (electronically limited)
Fuel Requirement	91 RON unleaded petrol, or E85
Oil Capacity	5.7 L (6 qt.) with dry filter
Coolant Capacity	9.0 L (9.5 qt.)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features

Emission Class	Euro IV
Fuel Consumption	
Urban Cycle	14.6 L/100 km
Ex-urban Cycle	7.2 L/100 km
Combined Cycle	9.9 L/100 km
CO2 Emissions	236 g/km (6-atx)

TRANSAXLE: 40TES, AUTOMATIC FOUR-SPEED OVERDRIVE

Availability	Available with 2.4 L engine
Description	4-speed overdrive, adaptive electronic control, electronically modulated converter clutch
Gear Ratios	
1 st	2.84
2 nd	1.57
3 rd	1
4 th	0.69
Reverse	2.21
Final-drive Ratio	3.91
Overall Top-gear	2.7

TRANSAXLE: 62TE, AUTOMATIC SIX-SPEED OVERDRIVE

Availability	Available with 2.7 L engine
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	Upshift—1.452, WOT kickdown—1.570
5 th	1
6 th	0.69
Reverse	3.214
Transfer Ratio	0.95
Final-drive Ratio	3.43
Overall Top-gear	2.24

TRANSAXLE: BG6 SIX-SPEED MANUAL

Availability	Available with 2.0 L turbo-diesel engine
Description	Six-speed, overdrive, synchronized in all forward ratios, cable-operated, 3-plane shifter
Gear Ratios	
1st	3.59
2nd	2.05
3rd	1.37
4th	0.97
5th	0.90
6th	0.79
Reverse	3.83
Final-drive Ratio	4.06
Overall Top-gear	2.73

TRANSAXLE: MPS6 SIX-SPEED DUAL-CLUTCH AUTOMATIC

Availability	Available with 2.0 L turbo-diesel engine
Description	Six-speed, overdrive, automated dual-clutch system with lay-shift style gearsets, Auto Stick
Gear Ratios	
1st	3.58
2nd	2.05
3rd	1.32
4th	0.97
5th	1.10
6th	0.91
Reverse	4.84
Final-drive Ratio	4.53 with gears 1-4; 3.24 with gears 5-6 and Reverse
Overall Top-gear	2.95

DRIVETRAIN
Front-wheel Drive

Availability	Standard with all engines
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DIMENSIONS AND CAPACITIES

Wheelbase	2765 (108.9)
Track, Front	1570 (61.8)
Track, Rear	1570 (61.8)
Overall Length	4850 (190.9)
Overall Width	1843 (72.5)
Overall Height	1497 (58.9)
Fuel Tank Capacity, L (gal.)	64.0 (16.9)
Curb Weight, kg (lbs.)	2.0-liter Turbo-Diesel Engine: 1560 (3432) 2.0-liter Turbo-Diesel Engine (DCT): 1595 (3509) 2.4-liter V-6 Engine: 1510 (3322) 2.7-liter V-6 Engine: 1520 (3344)

Gross Vehicle Weight, kg (lbs.)	2.0-liter Turbo-Diesel Engine: 2085 (4587) 2.0-liter Turbo-Diesel Engine (DCT): 2085 (4587) 2.4-liter V-6 Engine: 2040 (4488) 2.7-liter V-6 Engine: 2040 (4488)
Maximum Trailer Mass (braked), kg (lbs.)	2.0-liter Turbo-Diesel Engine: 1500 (3300) 2.0-liter Turbo-Diesel Engine (DCT): 1500 (3300) 2.4-liter V-6 Engine: 1000 (2200) 2.7-liter V-6 Engine: 1000 (2200)
Maximum Trailer Mass (unbraked), kg (lbs.)	2.0-liter Turbo-Diesel Engine: 450 (990) 2.0-liter Turbo-Diesel Engine (DCT): 450 (990) 2.4-liter V-6 Engine: 450 (990) 2.7-liter V-6 Engine: 450 (990)
Maximum Tongue Load, kg (lbs.)	2.0-liter Turbo-Diesel Engine: 150 (330) 2.0-liter Turbo-Diesel Engine (DCT): 150 (330) 2.4-liter V-6 Engine: 100 (220) 2.7-liter V-6 Engine: 100 (220)

(d) All dimensions measured at curb weight with standard tires.

ACCOMMODATIONS

Seating Capacity - F/R	2/3
Total Interior Passenger Volume, cu. m (cu. ft.)	2.85 (100.5)
Front	
Head Room w/o Sun Roof	1000.1 (39.3)
Head Room w/Sun Roof	946.7 (37.2)
Leg Room	1078.3 (42.4)
Shoulder Room	1432.9 (56.4)
Hip Room	1357.8 (53.2)
Seat Travel	260 (10.32)
Rear	
Head Room w/o Sun Roof	975.6 (38.4)
Leg Room	919.2 (36.2)
Shoulder Room	1431.5 (56.3)
Hip Room	1351 (53.2)
Knee Clearance	49.4 (1.9)
Cargo	
DIN Trunk Volume, cu. m (cu. ft.)	0.441 (15.57)

BODY/CHASSIS

Layout	Transverse front engine, front-wheel drive or all-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