



**Body Style:** Four-door sedan  
**Layout:** Transverse front engine, FWD  
**Seat Layout:** 2/3  
**EPA Vehicle Class:** Mid-size sedan  
**Assembly:** Sterling Heights, Mich.

AVENGER

## 2010 AVENGER OFFERS UNMISTAKABLE DODGE DESIGN IN THE MID-SIZE SEDAN SEGMENT

The 2010 Dodge Avenger combines bold Dodge styling with innovative interior features, high levels of safety and reliability, exhilarating performance and 30-mpg highway fuel efficiency—all at a great value.

There's no mistaking Dodge brand's heritage in Avenger's aggressive exterior lines. With traits from the legendary Dodge Charger, the 2010 Dodge Avenger integrates the signature crosshair grille, muscular rear shoulders, large wheels and tires, rear spoiler and chrome-tipped dual exhausts to communicate the performance capability of the Dodge brand's mid-size sedan.

Matching the 2010 Dodge Avenger's aggressive looks is an available 3.5-liter 24-valve High-Output V-6 engine coupled with a six-speed automatic transaxle producing 235 horsepower (175 kW), 232 lb.-ft. (315 N•m) of torque and 27 mpg on the highway. Dodge Avenger's six-speed automatic transmission with Auto Stick provides a quicker standing-start, while a robust differential with increased torque capacity enhances launch performance and lower overall top-gear ratio provide a quiet ride with improved fuel economy at highway speeds.

Many unique features set the 2010 Dodge Avenger apart in the competitive mid-size segment:

- Innovative Uconnect™ Navigation, Uconnect Phone and SIRIUS Satellite Radio
- Chill Zone™—a storage compartment in the top of the instrument panel that holds up to four, 12-ounce beverage cans. Depending on ambient temperature and air conditioning settings, the bin keeps beverages cool when the vehicle is on
- A premium headliner that includes LED interior lighting with high-focus white lights that provide directional lighting in front and rear seats

## NEW FOR 2010

- New instrument panel gauge cluster (all models)
- Four-wheel anti-lock disc brakes (all models)
- Driver and front-passenger active head restraints (all models)

## SAFETY AND SECURITY

More than 30 safety and security features including:

- Advanced Multi-stage Air Bags
- Supplemental Side-curtain Air Bags
- Electronic Stability Control (ESC)
- Interior Head-impact Protection
- Brake Assist

## FUEL ECONOMY (city/hwy)

2.4L DOHC I-4  
21/30 – FWD

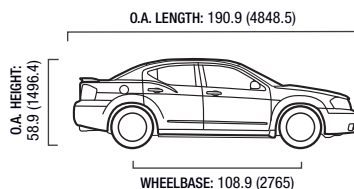
3.5L SOHC V-6  
16/27 – FWD



## MODELS / POWERTRAINS

MODEL	ENGINES		TRANSMISSIONS	
	2.4L I-4	3.5L V-6	4-SPEED AUTO (40TES)	6-SPEED AUTO (62TE)
SXT	S	—	S	—
R/T	S	0	S	0*

\* 3.5-liter engine only



O.A. Width: 71.8 (1824.2)  
 Track, Front: 61.8 (1569.7)  
 Track, Rear: 61.8 (1569.7)

Curb Wt. lb.(kg):  
 SXT: 3,405 (1545)  
 R/T: 3,568 (1618)<sup>(a)</sup>

<sup>(a)</sup> with 3.5L

## 2010 DODGE AVENGER AT A GLANCE

**Bold, aggressive Dodge styling makes a powerful statement in the mid-size segment at an affordable price**

- Brings Dodge Charger heritage to the mid-size segment
- Signature Dodge crosshair grille
- Muscular rear shoulders, sleek rear spoiler and modern, yet menacing quad headlamps

### Segment-leading performance

- Dodge Avenger rivals the quickest mid-size sedans in the segment based on 0-60 mph tests. Dodge Avenger offers class-leading performance with an available 3.5-liter engine coupled with a six-speed automatic transaxle producing 235 horsepower and 232 lb.-ft. of torque and achieves 16 mpg in the city and 27 mpg on the highway
- Auto Stick provides a fun-to-drive experience with the 3.5-liter engine
- The 2.4-liter I-4 World Engine produces 173 horsepower (129 kW) and 166 lb.-ft. (225 N•m) and achieves 21 mpg in the city and 30 mpg on the highway

### Class-leading safety features

- Standard front-seat-mounted (thorax) air bags
- Standard side-curtain air bags
- Standard advanced multi-stage front air bags
- Driver and front-passenger active head restraints
- Available Electronic Stability Control (ESC) with traction control
- Four-wheel Anti-lock Disc Brakes (ABS)

### Class-leading innovations

- Dodge Avenger is loaded with features including Chill Zone™ upper instrument panel bin cooler, Uconnect Phone, Uconnect Navigation, SIRIUS Satellite Radio and aimable LED lights in front and rear seats

## 2010 DODGE AVENGER SPECIFICATIONS

Dimensions are in inches (millimeters) at curb weight with standard wheels and tires unless otherwise noted.

### GENERAL INFORMATION

Body Style	Four-door sedan
Assembly Plant	Sterling Heights Assembly, Mich.
EPA Vehicle Class	Mid-size

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

Availability	Standard on Avenger SXT and R/T
Type and Description	Four cylinders in-line, tuned intake manifold with Electronic Active Charge Motion Control valves dual counter-rotating balance shafts
Displacement	144 cu. in. (2360 cu cm)
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 (SAE net, estimated)	173 bhp (129 kW) @ 6,000 rpm (71 bhp/liter)
Torque (SAE net, estimated)	166 lb.-ft. (225 N•m) @ 4,400 rpm
Max. Engine Speed	6,500 rpm (electronically limited)
Fuel Requirement	Unleaded regular 87 octane (R+M)/2
Oil Capacity	5.0 qt. (4.7L) SAE 5W-20
Coolant Capacity	7.2 qt. (6.8L)
Emission Controls	Single catalytic converter, dual heated oxygen sensors and engine features <sup>(a)</sup> 0.9 g/mile (0.56 g/km)
Estimated 2008 EPA Fuel Economy (City/Hwy)	21/30

<sup>(a)</sup> Meets Federal Tier 2, Bin 5 emissions requirements and PZEV requirements in California, Massachusetts, New York, Maine, Vermont, Connecticut, Pennsylvania, Rhode Island, New Jersey, Oregon and Washington. Meets Euro IV emissions requirements.

### ENGINE: 3.5-LITER GASOLINE SOHC 24-VALVE SMPI V-6

Availability	Optional on Avenger R/T
Type and Description	60-degree bank angle, liquid-cooled, three-plenum intake manifold with electronically controlled manifold tuning valve and short-runner valves
Displacement	3,518 cu cm
Bore x Stroke	96 x 81
Valve System	SOHC, 24 valves, hydraulic, center-pivot roller rocker arms
Fuel Injection	Sequential, multi-port, electronic
Construction	Semi-permanent mold aluminum block with cast-in iron liners and cast-aluminum cylinder heads
Compression Ratio	10.0:1
Power (SAE net, estimated)	235 bhp (175 kW) @ 6,400 rpm (71.4 bhp/liter)
Torque (SAE net, estimated)	232 lb.-ft. (315 N•m) @ 4,000 rpm
Max. Engine Speed	6,800 rpm (electronically limited)
Fuel Requirement	Unleaded mid-grade, 89 octane (R+M)/2 – preferred Unleaded regular 87 octane (R+M)/2 – acceptable
Oil Capacity	5.7L with dry filter SAE 5W-20
Coolant Capacity	9.75L

## 2010 DODGE AVENGER SPECIFICATIONS

Emission Controls	Three-way catalytic converter, electronic EGR, and internal engine features <sup>(d)</sup>
Estimated 2008 EPA Fuel Economy (City/Hwy)	16/27

<sup>(d)</sup> 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: 40TES AUTOMATIC FOUR-SPEED OVERDRIVE

Availability	Standard with 2.4L engine
Description	Four-speed overdrive, adaptive electronic control, electronically modulated converter clutch
<b>Gear Ratios</b>	
1st	2.842
2nd	1.57
3rd	1.00
4th	0.69
Reverse	2.21
Final-drive Ratio	3.91 with 2.4L engine
Overall Top-gear	2.70 with 2.4L engine

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

Availability	Standard with 3.5L engine
Description	Six-speed, adaptive electronic control or Auto Stick driver-interactive manual control and electronically modulated torque converter clutch
<b>Gear Ratios</b>	
1st	4.127
2nd	2.842
3rd	2.283
4th	Upshift—1.452, WOT kickdown—1.570
5th	1.00
6th	0.69
Reverse	3.214
Transfer Ratio	0.95
Final-drive Ratio	3.43
Overall Top-gear	2.248

### DRIVETRAIN

<b>Front-wheel Drive</b>	
Availability	Standard with all engines

### DIMENSIONS AND CAPACITIES

Wheelbase	108.9 (2765.0)
Track, Front	61.8 (1569.7)
Track, Rear	61.8 (1569.7)
Overall Length	190.9 (4848.5)
Overall Width	71.8 (1824.2)
Overall Height	58.9 (1496.4)
<b>Aero</b>	
CdA	8.2
Cd	0.326

## 2010 DODGE AVENGER SPECIFICATIONS

Fuel Tank Capacity, gal. (L)	16.9 (64.0)
Towing Capabilities, lbs. (kg)	
2.4L Auto. Trans.	1000 (450)
3.5L Auto. Trans.	2000 (900)
Curb Weight, lbs. (kg)	
2.4L Gasoline Engine	Avenger SXT—3,405 (1545)
3.5L Gasoline Engine	Avenger R/T—3,568 (1618)

### ACCOMMODATIONS

Seating Capacity - F/R	2/3
EPA Total Interior Passenger Volume, cu. ft. (cu m)	100.5 (2.845)
Front	
Head Room w/o Sun Roof	40.0 (1016.9)
Head Room w/Sun Roof	37.9 (963.4)
Leg Room	42.4 (1077.1)
Shoulder Room	56.4 (1432.8)
Hip Room	53.2 (1352.4)
Seat Travel	10.32 (260)
EPA Front Compartment Volume, cu. ft. (cu m)	55.3 (1.57)
Rear	
Head Room w/o Sun Roof	38.3 (972.3)
Leg Room	36.2 (919.5)
Shoulder Room	56.3 (1430.2)
Hip Room	53.2 (1351.0)
Knee Clearance	2.9 (74.1)
EPA Rear Compartment Volume, cu. ft. (cu m)	45.17 (1.28)
Cargo	
Trunk Lift-over Height	30.7 (779.8)
SAE Luggage Compartment Volume, cu. ft. (cu m)	13.4 (0.379)

### 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

### STEERING

Type	Power rack-and-pinion
Overall Ratio	16.5:1
Turning Diameter (curb-to-curb)	36.5 ft. (11.13)
Steering Turns (lock-to-lock)	3.3

## 2010 DODGE AVENGER SPECIFICATIONS

### BRAKES: FOUR WHEEL DISC, ANTI-LOCK (ABS)

Availability	Standard on Avenger SXT and R/T
Power-assist Type	8 x 9 (204 x 230) tandem-diaphragm vacuum
Front	
Size and Type	11.5 x 1.0 (294 x 26) vented rotors with 2.2 (57.0) single-piston floating caliper
Swept Area (Total Front)	223.5 sq. in. (1442.1 sq cm)
Rear	
Size and Type	10.3 x 0.4 (262 x 10) solid rotor with 1.4 (35.0) single-piston floating caliper
Swept Area (Total Rear)	138.6 sq. in. (894.6 sq cm)
Parking Brake Type	Drum-in-hat
Anti-lock Brake System (ABS)	Standard
Electronic Stability Control (ESC)	Optional
Traction Control	Optional
Brake Assist	Optional

### WHEELS

Availability	Standard on Avenger SXT
Type and Material	Steel wheel with Painted wheel cover, Sparkle Silver
Size	16 x 6.5
Availability	Standard on Avenger R/T
Type and Material	Machined and Painted cast-aluminum, Sparkle Silver
Size	17 x 6.5
Availability	Available on Avenger R/T (3.5L only)
Type and Material	Machined and Painted cast-aluminum, Ultrabright Wheel Burnished with Satin Silver
Size	18 x 7.0
Availability	Available on Avenger R/T (3.5L only)
Type and Material	Chrome-clad cast-aluminum
Size	18 x 7.0

### TIRES

Availability	Standard on Avenger SXT
Size and Type	P215/65R16, All-season
Model	Firestone FR690
Revs per Mile (km)	774 (1254.6)
Availability	Standard on Avenger R/T
Size and Type	P215/60R17, All-season Touring
Model	Bridgestone Turanza EL400
Revs per Mile (km)	772 (1242.4)
Availability	Standard on Avenger R/T (3.5L only)
Size and Type	P215/55R18, All-season Performance
Model	Bridgestone Potenza RE92A
Revs per Mile (km)	763 (1227.9)

## 2010 DODGE AVENGER FEATURE AVAILABILITY

LEGEND: S = Standard, O = Optional, P = Package, — = Not available

Complete package information is listed at the end of the Feature Availability section.

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

AVENGER

	SXT	R/T
<b>EXTERIOR</b>		
<b>Colors</b>		
Inferno Red Crystal Pearl Coat		
White Gold Crystal Pearl Coat		
Deep Water Blue Pearl Coat		
Silver Steel Metallic Clear Coat		
Bright Silver Metallic Clear Coat		
Brilliant Black Crystal Pearl Coat		
Stone White Clear Coat	O	O
Defroster—Electric rear window	S	S
Door Handles—Body-color	S	S
Fascias—Body-color	S	S
Glass—Solar Control glass for windshield, door and rear windows	S	S
<b>Grille</b>		
Body-color with black accents	S	—
Chromed with black accents	—	S
<b>Lamps</b>		
Quad halogen headlamps	S	S
Automatic (included with Premium Convenience Group)	—	P
Headlamp—Off time delay	S	S
Fog lamps	—	S
<b>Mirrors</b>		
Dual, power	S	S
Black	S	—
Body-color, heated	—	S
Quarter Windows—Black appliqué	S	S
Spoiler—Rear deck-lid	S	S
Sun Roof—Power, includes premium headliner with illuminated visor mirrors, three passenger-assist handles and LED map/reading lamps	—	O
Trunk Lid Release—Power	S	S
Wiper System—Windshield, variable delay, intermittent mode	S	S
<b>INTERIOR</b>		
<b>Air Conditioning</b>		
Manual temperature controls	S	S
Single-zone automatic temperature controls (included with Premium Convenience Group)	—	P
Cabin-air Filtration	S	S
<b>Cluster</b>		
Alloy Silver	S	—
Alloy Silver with chromed accents	—	S
<b>Colors</b>		
Khaki/Light Graystone or Dark Slate Gray	O	O
Dark Slate Gray/Light Graystone	—	O

## 2010 DODGE AVENGER FEATURE AVAILABILITY

	SXT	R/T
<b>Console</b>		
Center console with sliding armrest and dual-level storage	S	S
Padded front console armrest	—	S
<b>Door Trim</b>		
Chromed door locks	S	S
Chromed interior door handle	—	S
Chromed front-door speaker trim	—	S
Alloy Silver door switch handles	—	S
<b>Door Locks—Power</b>	S	S
<b>Floor Mats—Premium front and rear, carpeted</b>	S	S
<b>Headliner Module—Premium (includes four LED map/reading lamps, illuminated visor mirrors and two passenger assist handles) (included with Sunroof)</b>	P	S
<b>HomeLink universal transceiver</b>	—	P
<b>Instrument Panel</b>		
Chill Zone™	S	S
LED instrument cluster with tachometer	S	S
Electronic Vehicle Information Center (EVIC) with trip computer and Tire-Pressure Monitoring (TPM) (included with Premium Convenience Group)	—	P
Outside temperature display in instrument cluster	S	S
Alloy Silver center console with instrument panel	S	S
LED interior lighting for front and rear seats (included with Sunroof)	P	S
<b>Map Pockets</b>		
Front door	S	S
Rear door with bottle holders	S	S
Driver's seatback	S	S
<b>Mirror</b>		
Day/night manual rearview	S	S
Automatic-dimming rearview mirror (included with Premium Convenience Group)	—	P
<b>Power Outlets—Two, battery- and ignition-fed</b>	S	S
<b>Seats</b>		
Premium cloth	S	0
Leather-trimmed and leather shift knob	—	S
Heated front	—	S
Manually adjustable front	S	—
Driver's manual height adjuster	S	—
Driver's lumbar adjustment	S	S
Eight-way power driver	—	S
Fold-flat front passenger	S	S
60/40 split folding rear with center armrest	S	S
<b>Shifter</b>		
Chromed accent bezel	S	S
Leather-wrapped shift knob	—	S



**2010 DODGE AVENGER FEATURE AVAILABILITY**

	SXT	R/T
<b>Sound Systems</b>		
AM/FM radio with CD player MP3 play connectivity	S	—
Four speakers	S	—
AM/FM radio with six-disc CD/DVD and MP3 play capability	S	
Six speakers	—	S
Boston Acoustics® speaker system (included with Navigation & Sound Group I)	—	P
SIRIUS Satellite Radio	S	S
Uconnect Phone (included with Navigation & Sound Group I)	—	O / P
Uconnect Navigation	—	P
<b>Speed Control</b>	S	S
<b>Steering Wheel</b>		
Tilt- and telescoping	S	S
Sport	S	—
Leather-wrapped	—	S
Audio controls	—	S
<b>Sun Visors</b>	S	S
Sliding	S	S
Lighted visor mirrors (included with Sunroof)	P	S
<b>Trunk</b>		
Lid Release—Power with internal emergency release	S	S
Cargo organizer (included with Premium Convenience Group)	—	P
<b>Windows</b>		
Power, front and rear	S	S
Express—Up/down driver and passenger windows (included with Premium Convenience Group)	—	P
Express—Down window feature on key fob (included with Premium Convenience Group)	—	P

**POWERTRAIN AND CHASSIS**

2.4L DOHC 16-valve I-4 engine with dual Variable-valve Timing (VVT) counter-rotating balance shafts and four-speed automatic transaxle	S	S
3.5L SOHC 24-valve V-6 engine with dual-tuned intake manifold, six-speed automatic transaxle with Auto Stick and dual exhausts with chromed tips	—	O
All-speed traction control (included with Electronic Stability Control)	—	P
<b>Alternator</b>		
120-amp	S	S
140-amp (included with Premium Convenience Group and 3.5L Engine)	P	P
<b>Battery—525 CCA</b>	S	S
<b>Brakes</b>		
Power, four-wheel disc with ABS	S	S
Brake Assist (included with Electronic Stability Control)	—	P
<b>Engine Block Heater</b>	O	O
<b>Front-wheel Drive</b>	S	S
Remote start (included with Premium Convenience Group)	—	P
<b>Steering—Power rack-and-pinion</b>	S	S
<b>Suspension</b>		
Front—Independent MacPherson	S	S
Rear—Independent multi-link	S	S
Sport-tuned (included with 3.5L Engine)	—	P

2010 DODGE AVENGER FEATURE AVAILABILITY

	SXT	R/T
Tires		
P215/65R16 All-season	S	—
P215/60R17 All-season Touring	—	S
P255/55R18 All-season Performance (included with 3.5L Engine)	—	P
Wheels and Wheel Covers		
16-inch steel wheels with full covers	S	—
17-inch cast-aluminum	—	S
18-inch aluminum (included with 3.5L Engine)	—	P
18-inch chrome-clad (3.5L only)	—	O

SAFETY AND SECURITY

Air Bags		
Advanced multi-stage driver and front passenger <sup>(a)</sup>	S	S
Front-seat-mounted thorax side air bags	S	S
Front and rear side-curtain	S	S
Electronic Stability Control (ESC)	—	O
Enhanced Accident Response System (EARS)	S	S
LATCH (Lower Anchors and Tethers for Children)	S	S
Remote keyless entry	S	S
Seat Belts		
Three-point belts in all seating positions	S	S
Pretensioners and load-limiting retractors for front seat belts	S	S
BeltAlert	S	S
Tire-pressure Warning Lamp in Instrument Cluster	S	S
Tire-pressure Monitoring (TPM) with Specific Tire-pressure Display	—	P
Vehicle Theft Security Alarm—Monitors door, ignition and trunk key cylinders and disables HomeLink <sup>(b)</sup>	S	S
Sentry Key <sup>®</sup> engine immobilizer	S	S

<sup>(a)</sup> Certified to federal regulations that allow less forceful air bags. Always use seat belts. Remember, a back seat is the safest place for children.

<sup>(b)</sup> If so equipped.

PACKAGES / EQUIPMENT GROUPS

Navigation & Sound Group I—Includes Uconnect Navigation, Uconnect Phone and Boston Acoustics 276-watt premium speaker system	—	O
Premium Convenience Group—Includes automatic headlamps, single-zone automatic temperature control, automatic-dimming rearview mirror, windows down on key fob, express- up/-down power windows, premium headliner, EVIC, travel computer, compass and TPM display, HomeLink universal transceiver, cargo organizer and remote start	—	O
Smoker's Group—Includes ash receiver and cigar lighter	O	O