

2006

DODGE CHARGER

SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body Style _____ Sedan
Assembly Plant _____ Brampton, Ontario, Canada
EPA Vehicle Class _____ Large car
Introduction Date _____ May 2005 as 2006 model,

ENGINE: 3.5-LITER, HIGH OUTPUT, SOHC 24-VALVE V-6

Availability _____ Std.—SE, SXT package
Type and Description _____ 60-degree bank angle, liquid-cooled,
three-plenum intake manifold
with electronically controlled manifold tuning valve and short-runner valves
Displacement _____ 214.7 cu. in. (3518 cu. cm)
Bore x Stroke _____ 3.78 x 3.19 (96 x 81)
Valve System _____ SOHC, 24 valves, hydraulic, center-pivot roller rocker arms
Fuel Injection _____ Sequential, multi-port, electronic
Construction _____ Precision sand cast mold aluminum block
with cast in iron liners, cross-bolted main bearing caps and cast-aluminum heads
Compression Ratio _____ 10.0:1
Power (SAE net) _____ 250 bhp (186 kW) @ 6,400 rpm (70.0 bhp/L)
Torque (SAE net) _____ 250 lb.-ft. (340 N•m) @ 3,800 rpm
Max. Engine Speed _____ 6,800 rpm (electronically limited)
Fuel Requirement _____ Unleaded mid-grade, 89 octane (R+M)/2—recommended,
unleaded regular, 87 octane (R+M)/2—acceptable
Oil Capacity _____ 6 qt. (5.7L) with dry filter
Coolant Capacity _____ 10.3 qt. (9.75L)
Emission Controls _____ Dual close-coupled three-way catalytic converters,
Quad heated oxygen sensors
and internal engine features
Max. Gross Trailer Weight _____ 2,000 lbs. (907 kg)
Estimated EPA Fuel Economy mpg (City/Hwy) _____ 19/27

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ENGINE: 5.7-LITER, HEMI® MULTI-DISPLACEMENT V-8

Availability _____ Std.—R/T
Type and Description _____ 90-degree V-type, liquid-cooled
Displacement _____ 345 cu. in. (5654 cu. cm)
Bore x Stroke _____ 3.92 x 3.58 (99.5 x 90.9)
Valve System _____ Pushrod-operated overhead valves,
16 valves, eight deactivating and eight conventional hydraulic lifters, all with roller followers
Fuel Injection _____ Sequential, multi-port, electronic, returnless
Construction _____ Deep-skirt cast-iron block with cross-bolted main bearing caps,
aluminum alloy heads with hemispherical combustion chambers
Compression Ratio _____ 9.6:1
Power (SAE net, _____ 340 bhp (254 kW) @ 5,000 rpm, (59.6 bhp/L)(a)
Torque (SAE net) _____ 390 lb.-ft. (525 N•m) @ 4,000 rpm
Max. Engine Speed _____ 5,800 rpm (electronically limited)
Fuel Requirement _____ Unleaded mid-grade, 89 octane (R+M)/2—recommended,
Unleaded regular, 87 octane (R+M)/2—acceptable
Oil Capacity _____ 7 qt. (6.6L)
Coolant Capacity _____ 13.75 qt. (13L)
Emission Controls _____ Dual close-coupled three-way catalytic converters,
Quad heated oxygen sensors and internal engine features
Max. Gross Trailer Weight _____ 2,000 lbs. (907 kg)
Estimated EPA Fuel Economy mpg (City/Hwy) _____ 17/25

(a) 350 bhp (261 kW) @ 5,200 rpm with Road/Track Performance Group and Daytona R/T package (see pg. 24).

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SPECIFICATIONS

TRANSMISSION: AUTOMATIC, FIVE-SPEED OVERDRIVE (W5A580)

Availability _____ Std. All
 Description _____ Adaptive electronic control or AutoStick® driver-interactive manual control
 and electronically modulated torque converter clutch—SE and SXT package
 Enhanced AutoStick® with reduced transmission shift times—R/T

Gear Ratios

1st _____	3.58
2nd _____	2.19
3rd _____	1.41
4th _____	1.00
5th _____	0.83
Reverse _____	3.17
Final Drive Ratio _____	3.5L—2.87, 5.7L—2.82
Overall Top Gear _____	3.5L—2.38, 5.7L—2.34

ELECTRICAL SYSTEM

Alternator _____ 160A—Std. All
 Battery _____ H7 Case, 730 CCA, maintenance-free

DIMENSIONS AND CAPACITIES(a)

Wheelbase _____	120.0 (3048)
Track, Front _____	63.0 (1600)
Track, Rear _____	63.1 (1604)
Overall Length _____	200.1 (5082)
Overall Width _____	74.5 (1891)
Overall Height _____	58.2 (1479)
With SDAR Antenna _____	58.8(1494)
Ground Clearance _____	3.5L—5.18 (131.7), 5.7L Fully Loaded—5.13 (130.3)
Frontal Area, sq. ft. (sq. m) _____	25.4 (2.36)
Drag Coefficient _____	SE—0.330, SXT package—0.336, R/T—0.345
Curb Weight, lb. (kg)—Est. _____	SE and SXT package (3.5L engine)—3,820 (1733), R/T (5.7L engine)—4,100 (1860)

Weight Distribution, percent F/R _____ SE, SXT package, R/T—53/47
 Fuel Tank Capacity, gal. (L) _____ SE and SXT package—18 (68), R/T—19 (76)

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

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ACCOMMODATIONS

Seating Capacity, F/R _____ 2/3

Front

Head room _____ 38.7 (983)

Leg room _____ 41.8 (1061)

Shoulder room _____ 59.3 (1505)

Hip room _____ 56.2 (1427)

Seat travel _____ Driver—10.6 (270), passenger—8.66 (22)

Recliner angle range, deg. _____ Driver—up to 112, passenger—69

SAE front volume index, cu. ft. (cu. m) _____ 55.5 (1.57)

Rear Seat

Head room _____ 36.2 (919.5)

Leg room _____ 40.2 (1020)

Knee clearance _____ 4.5 (114.2)

Shoulder room _____ 57.6 (1464)

Hip room _____ 55.5 (1409)

SAE rear seat volume index, cu. ft. (cu. m) _____ 48.5 (1.37)

Total Interior Volume, cu. ft. (cu. m) _____ 104.0 (2.94)

SAE Cargo Volume, cu. ft. (cu. m) _____ 16.2 (0.46)

EPA Interior Volume Index, cu. ft. (cu. m) _____ 120.2 (3.40)

Trunk Lifter Height _____ 30.1 (765.1)

BODY

Layout _____ Longitudinal front engine, rear-wheel drive

Construction _____ Unitized steel body,
aluminum hood

SUSPENSION

Front _____ Independent SLA with high upper “A” arm,
coil spring over gas-charged shock absorbers and stabilizer bar—Std.

Lateral and diagonal lower links with dual ball joint knuckles—Std.

Rear _____ Five-link independent with coil springs, link-type stabilizer bar,
gas-charged shock absorbers and isolated suspension cradle—Std. All

Nivomat self-leveling shock absorbers—Opt. with Road/Track Performance Group and
Daytona R/T package

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STEERING

Type _____ Rack and pinion with hydraulic power assist
Overall Ratio _____ 16.1:1
Turning Diameter (curb-to-curb) _____ 38.9 ft. (11.9 m)
Steering Turns (lock-to-lock) _____ 2.75
Nine-land Performance Steering Gear _____ Opt. with Road/Track Performance Group and
Daytona R/T package

TIRES

SE and SXT Package

Standard

Size & type _____ P215/65R1798T black sidewall all-season ride
Mfr. & model _____ Goodyear *Integrity*
Revs per mile (km) _____ 739 (459)

Optional

Size & type _____ P215/65R17 98T black sidewall all-season ride self-sealing
Mfr. & model _____ Continental CT95 ContiSeal
Revs per mile (km) _____ 742 (461)

Optional SXT Package

Size & type _____ P225/60R18H 99H all-season touring
Mfr. & model _____ Continental CH95
Revs per mile (km) _____ 729 (453)

Optional SXT Package

Size & type _____ P225/60R18H 99H all-season touring self-sealing
Mfr. & model _____ Continental CH95 ContiSeal
Revs per mile (km) _____ 729 (453)

R/T

Standard

Size & type _____ P225/60R18H 99H all-season touring
Mfr. & model _____ Continental CH95
Revs per mile (km) _____ 729 (453)

Optional

Size & type _____ P225/60R18H 99H all-season touring self-sealing
Mfr. & model _____ Continental CH95 ContiSeal
Revs per mile (km) _____ 729 (453)

Optional with Road/Track Performance Group and Daytona R/T Package

Size and type _____ P235/55R18 black sidewall all-season performance
Mfr. and model _____ Michelin MXM4
Revs per mile (km) _____ 734 (456)

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WHEELS

SE

Standard

Type and material _____ Stamped-steel
Size _____ 17 x 7.0

SXT Package

Standard

Type and material _____ Machined-aluminum
Size _____ 17 x 7.0

Optional

Type and material _____ Polished-aluminum
Size _____ 18 x 7.5

R/T

Standard

Type and material _____ Polished-aluminum
Size _____ 18 x 7.5

Standard with Road/Track Performance Group and Daytona R/T Package

Type and material _____ Polished aluminum with black-painted pockets
Size _____ 18 x 7.5

PRELIMINARY SPECIFICATIONS

BRAKES

SE and SXT Package

Front

Rotor size and type _____ 12.6 x 1.1 (320 x 28) vented
 Caliper size and type _____ 2.36 (60) single-piston sliding with aluminum housing
 Swept area _____ 254.8 sq. in. (1644 sq. cm)

Rear

Rotor size and type _____ 12.6 x 0.4 (320 x 10) solid
 Caliper size and type _____ 1.65 (42) single-piston sliding with aluminum housing
 Swept area _____ 260.4 sq. in. (1680 sq. cm)

Four-wheel Anti-Lock and Traction Control _____ Std.

Electronic Stability Control and Brake Assist _____ Std.

Power Assist Type _____ 8 + 9 (203 + 209) tandem-diaphragm vacuum booster

R/T

Front

Rotor size and type _____ 13.6 x 1.1 (345 x 28) vented
 Caliper size and type _____ 1.65 (42) dual-piston sliding with aluminum housing
 Swept area _____ 292 sq. in. (1884 sq. cm)

Rear

Rotor size and type _____ 12.6 x 0.87 (320 x 22) vented
 Caliper size and type _____ 1.65 (42) single-piston sliding with aluminum housing
 Swept area _____ 260.4 sq. in. (1680 sq. cm)

Four-wheel Anti-Lock and Traction Control _____ Std.

Electronic Stability Control and Brake Assist _____ Std.

Power Assist Type _____ 8 + 9 (203 + 209) tandem-diaphragm vacuum booster