

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

continued

2006

DODGE CHARGER

SPECIFICATIONS

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).

continued

2006

DODGE CHARGER

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.

continued

2006

DODGE CHARGER

SPECIFICATIONS

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 Liftover 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

continued

2006

DODGE CHARGER

SPECIFICATIONS

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)

continued

SPECIFICATIONS

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