

2015 Dodge Charger SPECIFICATIONS

*Specifications are based on the latest product information available at the time of publication.
All dimensions are in inches (millimeters) unless otherwise noted.
All dimensions measured at curb weight with standard tires and wheels.*

GENERAL INFORMATION

Vehicle Type	E-segment sedan
Assembly Plant	Brampton Assembly Plant, Ontario, Canada
EPA Vehicle Class	Large car
Introduction Date	Third quarter 2014 as a 2015 model

BODY/CHASSIS

Layout	Longitudinal front engine, rear-wheel drive (RWD) or all-wheel drive (AWD)
Construction	Unitized steel body and aluminum hood

ENGINE: 3.6-LITER PENTASTAR DOHC 24-VALVE V-6

Availability	Standard — Dodge Charger SE (RWD/AWD), SXT (RWD/AWD)
Type and Description	60-degree V-type, liquid-cooled
Displacement	220 cu. in. (3604 cu. cm)
Bore x Stroke	3.78 x 3.27 in. (96.0 x 83.0 mm)
Valve System	Chain-driven DOHC, 24 valves, hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Aluminum deep-skirt block with aluminum-alloy heads
Compression Ratio	10.2:1
Power (SAE net)	292 bhp (218 kW) @ 6,350 rpm (81.1 bhp/liter) 300 bhp (224 kW) @ 6,350 rpm (83.3 bhp/liter) with Rallye Appearance Group
Torque (SAE net)	260 lb.-ft. (353 N•m) @ 4,800 rpm 264 lb.-ft. (358 N•m) @ 4,800 rpm with Rallye Appearance Group
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2 ^(a)
Oil Capacity	6 qt. (5.7 liter) with dry filter
Coolant Capacity	14.0 qt. (13.25 liter)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features ^(b)
Max. Gross Trailer Weight	1,000 lbs. (454 kg)

EPA Fuel Economy mpg (City/Hwy)	19/31 (RWD with 845RE TorqueFlite eight-speed automatic transmission) 18/27 (AWD with 845RE TorqueFlite eight-speed automatic transmission)
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Engine Assembly Plant	Saltillo Engine Plant, Mexico
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(a) NAS [BIN 4(ULEV II)], 50 State.

(b) 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.

ENGINE: 5.7-LITER HEMI® V-8 WITH FOUR-CYLINDER MODE FUEL SAVER TECHNOLOGY

Availability	Standard on Charger R/T and R/T Road & Track
Type and Description	90-degree V-type, liquid-cooled with variable-cam timing (VCT)
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, multiport, electronic, returnless
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	10.5:1
Power (SAE net)	370 bhp (276 kW) @ 5,250 rpm (64.9 bhp/liter) — R/T
Torque (SAE net)	395 lb.-ft. (536 N•m) @ 4,200 rpm — R/T
Max. Engine Speed	5,800 rpm (electronically limited)
Fuel Requirement	Unleaded midgrade, 89 octane (R+M)/2 — Recommended Unleaded regular, 87 octane (R+M)/2 — Acceptable
Oil Capacity	7 qt. (6.6 liter)
Coolant Capacity	14.7 qt. (13.9 liter)
Emission Controls	Dual close-coupled three-way catalytic converters, quad heated oxygen sensors and internal engine features ^(c)
Max. Gross Trailer Weight	1,000 lbs. (454 kg)
EPA Fuel Economy mpg (City/Hwy)	TBD

(c) Meets Tier 2 Bin 4 emission requirements in all states.

TRANSMISSION: 845RE TORQUEFLITE AUTOMATIC EIGHT-SPEED WITH AUTO STICK

Availability	Standard on Charger SE (RWD/AWD) and SXT (RWD/AWD)
Description	Adaptive electronic control, optional Sport mode or paddle-shifted driver-interactive manual control. Five clutch-pack design with only two open clutches in any gear. Off-center line pump with low-viscosity oil for reduced spin loss. Torque converter lock with turbine torsional damper for low lock-up speeds in 1 st through 8 th gear.

Gear Ratios

1st	4.71
2nd	3.14
3rd	2.10
4th	1.67
5th	1.29
6th	1.00
7th	0.84
8th	0.67
Reverse	3.30

Final Drive Ratio	Electronic Limited Slip Differential Charger SE and SXT (RWD) — 2.62 Charger SE and SXT (AWD) — 3.07
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Overall Top Gear	Charger SE and SXT (RWD) — 1.78 Charger SE and SXT (AWD) — 2.05
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TRANSMISSION: 8HP70 TORQUEFLITE AUTOMATIC EIGHT-SPEED WITH AUTO STICK

Availability	Standard on Charger R/T and R/T Road & Track
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Description	Adaptive electronic control, optional Sport mode or paddle-shifted driver-interactive manual control with Eco Mode
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Gear Ratios

1st	4.70
2nd	3.13
3rd	2.10
4th	1.67
5th	1.28
6th	1.00
7th	0.84
8th	0.67
Reverse	3.53

Final Drive Ratio	Electronic Limited Slip Differential 2.62 – R/T 3.07 – R/T Road & Track
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Overall Top Gear	2.48
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2015

**DODGE
CHARGER**

SPECIFICATIONS

TRANSFER CASE

Availability	Standard on Charger SE and SXT AWD models
Type	Active, fully variable with front-axle disconnect
Center Differential	Planetary
Torque Split, Front/Rear	Fully variable

ELECTRICAL SYSTEM

Alternator	160-amp — Standard on Charger SE
	180-amp — Standard on Charger SXT, R/T and R/T Road & Track
Battery	H7 Case, 730 CCA, maintenance-free

SUSPENSION

Front	Independent SLA with high upper "A" arm, coil spring over gas-charged monotube shock absorbers and stabilizer bar
	Lateral and diagonal lower links with dual ball joint knuckles
	One piece lower-control arms — standard on Charger AWD models only
	High-performance shock absorbers and larger sway bar — included with Super Track Pak on R/T Road & Track models
Rear	Five-link independent with coil springs, gas-charged monotube shock absorbers, stabilizer bar and isolated suspension cradle
	High-performance shock absorbers and larger sway bar — included with Super Track Pak on R/T Road & Track models
Touring-tuned Suspension	Standard on Charger SE and SXT (RWD)
AWD Touring-tuned Suspension	Standard on Charger SE and SXT (AWD)
Performance-tuned Suspension	Standard on Charger R/T and optional on SXT
Sport-tuned Suspension	Standard on Charger R/T Road & Track (RWD)

STEERING

Type	Rack and pinion with electric power assist
Overall Ratio	SE (RWD) — 14.4:1
	SE (AWD) — 16.5:1
	SXT (RWD) — 14.4:1
	SXT (AWD) — 16.5:1
	R/T (RWD) — 14.4:1
	R/T Road & Track — 14.4:1

Turning Diameter (curb-to-curb)	SE (RWD) — 37.7 ft. (11.5 m) SE (AWD) — 38.7 ft. (11.8 m) SXT (RWD) — 37.7 ft. (11.5 m) SXT (AWD) — 38.7 ft. (11.8 m) R/T (RWD) — 37.7 ft. (11.5 m) R/T Road & Track — 37.7 ft. (11.5 m)
Steering Turns (lock-to-lock)	SE (RWD) — 2.6 SE (AWD) — 3.1 SXT (RWD) — 2.6 SXT (AWD) — 3.1 R/T (RWD) — 2.6 R/T Road & Track — 2.6
Performance Steering Gear	Standard with Super Track Pak on R/T Road & Track

DIMENSIONS AND CAPACITIES^(d)

Wheelbase	120.2 (3,052)
Track, Front	63.4 (1,611)
Track, Rear	63.8 (1,620)
Overall Length	198.4 (5,040)
Overall Width	75.0 (1,905)
Overall Height	58.5 (1,510) to shark fin antenna tip 58.2 (1,479) to roof sheet metal
Ground Clearance	SE (RWD) — 4.9 (124.1) SE (AWD) — 4.9 (124.2) SXT (RWD) — 4.9 (124.1) SXT (AWD) — 4.9 (124.2) R/T, R/T Road & Track (RWD) — 5.4 (136.6)
Frontal Area, sq. ft. (sq. m)	25.8 (2.39)
Drag Coefficient (Cd)	0.304
Curb Weight, lb. (kg)	SE (RWD) — 3,934 (1,784.5) SE (AWD) — 4,157 (1,885.6) SXT (RWD) — 3,966 (1,798.9) SXT (AWD) — 4,188 (1,899.7) R/T, R/T Road & Track (RWD) — 4,264 (1,934.2)
Weight Distribution, percent F/R	SE (RWD) — 52/48 SE (AWD) — 53/47 SXT (RWD) — 52/48 SXT (AWD) — 53/47 R/T, R/T Road & Track (RWD) — 53/47

Fuel Tank Capacity, gal. (liter)	18.5 (70.0)
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(d) All dimensions measured at curb weight with standard tires.

ACCOMMODATIONS

Seating Capacity, F/R	2/3
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Front

Head room	38.6 (981) 36.9 (938.4) with sunroof
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Legroom	41.8 (1,061)
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Shoulder room	59.5 (1,510)
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Hip room	56.2 (1,428)
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Seat travel	Driver — 10.0 (255) Passenger — 8.66 (220)
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Recliner angle range, deg.	Power — 70.7 Manual — 70
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EPA front row interior volume, cu. ft. (cu. m)	55.6 (1.573)
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Rear Seat

Head room	36.6 (930.6) 36.6 (930.6) with sunroof
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Legroom	40.1 (1,019)
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Knee clearance	3.9 (99)
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Shoulder room	57.9 (1,472)
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Hip room	56.1 (1,425)
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EPA second row interior volume, cu. ft. (cu. m)	49.2 (1.393)
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Total Interior Volume, cu. ft. (cu. m)	104.7 (2.97)
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EPA Luggage Compartment Volume, cu. ft. (cu. m)	16.1 (0.455)
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EPA Interior Volume Index, cu. ft. (cu. m)	120.8 (3.42)
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Trunk Lifter Height	30.1 (764.0)
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TIRES

Availability	Standard on Charger SE (RWD)
Size and type	P215/65R17 BSW all-season touring
Mfr. and model	Michelin Energy Saver
Revs per mile (km)	748 (465)
Availability	Standard on Charger SXT Optional on Charger SE
Size and type	P235/55R18 BSW all-season performance
Mfr. and model	Michelin
Revs per mile (km)	734 (457)
Availability	Standard on Charger SE and SXT (AWD)
Size and type	P235/55R19 BSW all-season performance
Mfr. and model	Michelin MXM4 and Hankook Optimo
Revs per mile (km)	710 (446)
Availability	Standard on Charger R/T (RWD) Optional on Charger SXT
Size and type	P245/45R20 BSW all-season performance
Mfr. and model	Firestone Firehawk GTV
Revs per mile (km)	725 (451)
Availability	Optional on Charger R/T Road & Track (RWD)
Size and type	P245/45R20 BSW three-season high-performance
Mfr. and model	Goodyear Eagle F1
Revs per mile (km)	725 (451)
Availability	Standard on Charger R/T Road & Track
Size and type	P245/45R20 BSW all-season performance
Mfr. and model	Goodyear RS-A
Revs per mile (km)	725 (451)

WHEELS

Availability	Standard on SE (RWD)
Type and material	Five-spoke design, painted Satin Silver aluminum
Size	17 x 7.0
Availability	Standard on Charger SXT (RWD) Optional on Charger SE with Sport Appearance Group
Type and material	Five-spoke design, painted Satin Carbon aluminum
Size	18 x 7.5
Availability	Optional on Charger SXT with Plus Group
Type and material	Five-spoke design, polished aluminum with Technical Gray painted pockets
Size	18 x 7.5
Availability	Standard on Charger SE (AWD) and SXT (AWD)
Type and material	Five-spoke design, polished aluminum with Technical Gray painted pockets
Size	19 x 7.5
Availability	Standard on Charger R/T Optional on Charger SXT with 20-in. Wheel Sport Appearance Group
Type and material	Five-spoke Satin Carbon painted aluminum
Size	20 x 8.0
Availability	Optional on Charger SXT with Rallye Appearance Group
Type and material	Polished and painted Hyper Black aluminum
Size	20 x 8.0
Availability	Optional on Charger SXT and R/T with Premium Group Optional on Charger R/T with Wheels and Tunes Group Standard on Charger R/T Road & Track
Type and material	Polished aluminum with black painted pockets
Size	20 x 8.0
Availability	Optional on Charger R/T with Plus Group
Type and material	Polished aluminum with Satin Carbon painted pockets
Size	20 x 8.0

Availability	Optional on Charger R/T Road & Track
Type and material	Polished and forged Heritage II
Size	20 x 8.0

Availability	Optional on Charger R/T Optional on Charger R/T Road & Track
Type and material	Forged aluminum
Size	20 x 9.0

BRAKES

Touring Brake Package	Standard on Charger SE and SXT (RWD)
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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	259 sq. in. (1,671 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	264 sq. in. (1,703 sq. cm)

Sport Brake Package	Standard on Charger R/T, R/T Road & Track (RWD)
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Front

Rotor size and type	13.6 x 1.26 (345 x 28) vented
Caliper size and type	1.65 (42) dual-piston sliding with aluminum housing
Swept area	249 sq. in. (1,606 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	264 sq. in. (1,703 sq. cm)

Performance Brake Linings	Standard on Charger R/T Road & Track
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