

2016 Dodge Charger / Charger SRT 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 2015 as a 2016 model

BODY AND 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 V-6 WITH 24-VALVE DOHC

Availability	Standard — Dodge Charger SE (RWD/AWD), SXT (RWD/AWD)
Type and Description	60-degree V-type, liquid-cooled
Displacement	220 cu. in. (3,604 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 Group
Torque (SAE net)	260 lb.-ft. (353 N•m) @ 4,800 rpm 264 lb.-ft. (358 N•m) @ 4,800 rpm with Rallye Group
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2 ^(a)
Oil Capacity	6 quarts (5.7 liters) with dry filter
Coolant Capacity	14.0 quarts (13.25 liters)
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 8HP45 TorqueFlite eight-speed automatic transmission) 18/27 (AWD with 845RE TorqueFlite eight-speed automatic transmission)
Engine Assembly Plant	Saltillo Engine Plant, Mexico
(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 — 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 quarts (6.6 liters)
Coolant Capacity	14.7 quarts (13.9 liters)
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)	16/25

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

ENGINE: 6.4-LITER HEMI V-8 POWERED BY SRT

Availability	Standard — R/T Scat Pack and SRT 392
Type and Description	90-degree V-type, liquid-cooled
Displacement	392 cu. in. (6,417 cu. cm)
Bore x Stroke	4.09 x 3.72 (103.9 x 94.6)
Valve System	Pushrod-operated overhead valves, 16 valves with sodium-filled exhaust valves and hollow stem intake valves, 16 conventional hydraulic lifters, all with roller tips

Fuel Injection	Sequential, multiport, electronic, returnless; automatic features Fuel Saver mode
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	10.9:1
Power (estimated SAE net)	485 bhp (362 kW) @ 6,000 rpm (75.8 bhp/liter)
Torque (estimated SAE net)	475 lb.-ft. (644 N•m) @ 4,200 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2 — recommended
Oil Capacity	7 quarts (6.6 liters)
Factory Oil Fill	0W-40 Pennzoil Ultra synthetic
Coolant Capacity	14 quarts (13.25 liters)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features ^(a)
Exhaust Type	Dual 2.75-in. straight-through exhaust system using twin electronic exhaust valves (EEV) with 4-in. chrome round tips
Max. Gross Trailer Weight	Not rated for trailer-tow
EPA Fuel Economy mpg (city/hwy)	15/25

(a) Meets Federal Tier 2, Bin 5 emissions requirements; marketed in California as an LEV II (Low Emission Vehicle) under cleanest vehicle rules.

ENGINE: 6.2-LITER HEMI HELLCAT V-8 SUPERCHARGED

Availability	Standard — Charger SRT Hellcat
Type and Description	90-degree V-type, liquid-cooled
Displacement	376 cu. in. (6,166 cu. cm)
Bore x Stroke	4.09 x 3.58 (103.9 x 90.9)
Valve System	Pushrod-operated overhead valves, 16 valves with sodium-filled exhaust valves and hollow stem intake valves, 16 conventional hydraulic lifters, all with roller tips
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, unique aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	9.5:1
Power (SAE J2723)	707 hp (527 kW) at 6,000 rpm
Torque (SAE J2723)	650 lb.-ft. (881 N•m) at 4,800 rpm
Max. Engine Speed	6,200 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2 — recommended
Oil Capacity	7.5 quarts (7.1 liters)
Factory Oil Fill	0W-40 Pennzoil Ultra synthetic

Coolant Capacity	14 quarts (13.25 liters)
Emission Controls	Dual close-coupled three-way catalytic converters heated wide range upstream and switching downstream O2 sensors and internal engine features. ^(a)
Exhaust Type	Dual 2.75-in. straight-thru exhaust system using twin electronic exhaust valves (EEV) with 4-in. chrome round tips
EPA Fuel Economy mpg (city/hwy)	13/22
Assembly Plant	Saltillo Engine Plant, Saltillo, Mexico

(a) 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.

TRANSMISSION: 8HP45 / 845RE TORQUEFLITE AUTOMATIC EIGHT-SPEED WITH AUTO STICK

Availability	Standard — 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
Overall Top Gear	Charger SE and SXT (RWD) — 1.78
	Charger SE and SXT (AWD) — 2.05

TRANSMISSION: 8HP70 TORQUEFLITE AUTOMATIC EIGHT-SPEED WITH AUTO STICK

Availability	Standard on Charger R/T, R/T Road & Track, R/T Scat Pack and SRT 392
Description	Adaptive electronic control with optional Sport mode or paddle-shifted driver-interactive manual control. (SRT: Adaptive electronic control with full manual control via gear selector or paddle shifters – with three SRT-unique selectable modes: Street, Sport and Track)
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
	3.09 – R/T Scat Pack, SRT 392
Overall Top Gear	1.75 – R/T
	2.05 – R/T Road & Track
	2.07 – R/T Scat Pack, SRT 392

TRANSMISSION: 8HP90 TORQUEFLITE AUTOMATIC EIGHT-SPEED

Availability	Standard on Charger SRT Hellcat
Description	Adaptive electronic control with full manual control via gear selector or paddle shifters, with three SRT-unique selectable modes: Street, Sport and Track (features performance shifting and gear holding feature)
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	2.62 — Asymmetric-limited slip, performance-tuned
Overall Top Gear	1.76

TRANSFER CASE

Availability	Standard — 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
	220-amp — standard on Charger R/T Scat Pack, SRT 392 and SRT Hellcat
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 and sway bar
	One piece lower-control arms — standard on Charger AWD models only
Rear	Five-link independent with coil springs, gas-charged monotube shock absorbers, stabilizer bar and isolated suspension cradle
Touring-tuned Suspension	Standard on Charger SE and SXT (RWD)
AWD Touring-tuned Suspension	Standard on Charger SE and SXT (AWD)
Sport-tuned Suspension	Standard on Charger R/T and optional on SXT
Super Track Pak	Standard on Charger R/T Road & Track
	Optional on Charger SXT
Performance-tuned Suspension	Standard on Charger R/T Scat Pack
SRT-Tuned	SRT-tuned three-mode adaptive damping system with ADS Bilstein shock absorbers: Street mode = sporty, compliant ride; Sport mode = firm, improved handling; Track mode = firmest, maximum handling

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
	R/T Scat Pack — 14.1:1
	SRT 392 — 14.1:1
	SRT Hellcat — 14.4:1 (hydraulic)
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)
	R/T Scat Pack — 37.5 ft. (11.4 m)
	SRT 392 — 38 ft. (11.6 m)
	SRT Hellcat — 38.5 (11.7 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
	R/T Scat Pack — 2.56
	SRT 392 — 2.56
	SRT Hellcat — 2.52
Performance Steering Gear	Standard on Charger R/T Road & Track, R/T Scat Pack and SRT 392

DIMENSIONS AND CAPACITIES^(d)

Wheelbase	SE, SXT and R/T — 120.2 (3,052)
	R/T Scat Pack — 120.2 (3,052)
	SRT 392 — 120.4 (3,058)
	SRT Hellcat — 120.4 (3,058)
Track, Front	SE, SXT and R/T — 63.4 (1,610)
	R/T Scat Pack — 63.4 (1,610)
	SRT 392 — 64.0 (1,625)
	SRT Hellcat — 64.0 (1,625)

Track, Rear	SE, SXT and R/T — 63.8 (1,620)
	R/T Scat Pack — 63.1 (1,602.7)
	SRT 392 — 63.7 (1,618)
	SRT Hellcat — 63.7 (1,618)
Overall Length	SE, SXT and R/T — 198.4 (5,040)
	R/T Scat Pack — 200.8 (5,100.3)
	SRT 392 — 200.8 (5,100.3)
	SRT Hellcat — 200.8 (5,100.3)
Overall Width	75.0 (1,905)
Overall Height	SE, SXT and R/T — 58.5 (1,510) to shark fin antenna tip
	SE, SXT and R/T — 58.2 (1,479) to roof sheet metal
	R/T Scat Pack — 58.26 (1,480)
	SRT 392 — 58.26 (1,480)
	SRT Hellcat — 58.26 (1,480)
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)
	R/T Scat Pack — 4.57 (116)
	SRT 392 — 4.57 (116)
	SRT Hellcat — 4.57 (116)
Frontal Area, sq. ft. (sq. m)	SE, SXT and R/T — 25.8 (2.39)
	R/T Scat Pack — 26.2 (2.4)
	SRT 392 — 26.2 (2.4)
	SRT Hellcat — 26.2 (2.4)
Drag Coefficient (Cd)	SE, SXT and R/T — 0.304
	R/T Scat Pack — 0.335
	SRT 392 — 0.335
	SRT Hellcat — 0.335
Curb Weight, lb. (kg)	SE (RWD) — 3,960 (1,796.2)
	SE (AWD) — 4,206 (1,907.8)
	SXT (RWD) — 4,018 (1,822.5)
	SXT (AWD) — 4,220 (1,914.2)
	R/T, R/T Road & Track (RWD) — 4,280 (1,941.3)
	R/T Scat Pack — 4,395 (1,987.6)
	SRT 392 — 4,382 (1,987.6)
	SRT Hellcat — 4,570 (2,072.9)

Weight Distribution, percent F/R	SE (RWD) — 52/48
	SE (AWD) — 53/47
	SXT (RWD) — 52/48
	SXT (AWD) — 54/46
	R/T, R/T Road & Track (RWD) — 53/47
	R/T Scat Pack — 55/45
	SRT 392 — 55/45
	SRT Hellcat — 56/44
Fuel Tank Capacity, gallons (liters)	18.5 (70.0)

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

ACCOMMODATIONS

Seating Capacity, F/R	2/3
Front	
Headroom	38.6 (981)
	36.9 (938.4) with sunroof
Legroom	41.8 (1,061)
Shoulder room	59.5 (1,510)
Hip room	56.2 (1,428)
Seat travel	Driver — 10.0 (255)
	Passenger — 8.66 (220)
Recliner angle range, deg.	Power — 70.7
	Manual — 70
EPA front row interior volume, cu. ft. (cu. m)	55.6 (1.573)
Rear Seat	
Headroom	36.6 (930.6)
	36.6 (930.6) with sunroof
Legroom	40.1 (1,019)
Knee clearance	3.9 (99)
Shoulder room	57.9 (1,472)
Hip room	56.1 (1,425)
EPA second row interior volume, cu. ft. (cu. m)	49.2 (1.393)
Total Interior Volume, cu. ft. (cu. m)	104.7 (2.97)
EPA Luggage Compartment Volume, cu. ft. (cu. m)	16.5 (0.467)
EPA Interior Volume Index, cu. ft. (cu. m)	120.8 (3.42)
Trunk Liftover Height	30.1 (764.0)

TIRES

Availability	Standard — 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 — Charger SXT Optional on Charger SE
Size and type	235/55R18 BSW All-season performance
Mfr. and model	Michelin
Revs per mile (km)	745 (463)
Availability	Standard — Charger SE AWD
Size and type	P235/55R19 BSW All-season performance
Mfr. and model	Hankook Optimo
Revs per mile (km)	710 (446)
Availability	Standard — Charger SXT AWD
Size and type	P235/55R19 BSW All-season performance
Mfr. and model	Michelin Primacy MXM4
Revs per mile (km)	719 (447)
Availability	Standard — Charger R/T (RWD) Optional — 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 — Charger R/T Scat Pack Optional — Charger R/T Road & Track
Size and type	245/45R20 BSW Three-season high-performance
Mfr. and model	Goodyear Eagle F1
Revs per mile (km)	725 (451)
Availability	Standard — Charger R/T Road & Track Standard — R/T Scat Pack

Size and type	245/45R20 BSW All-Season performance
Mfr. and model	Goodyear RS-A
Revs per mile (km)	725 (451)
Availability	Standard on SRT 392 and SRT Hellcat
Size and type	275/40ZR20 All-Season
Mfr. and model	Pirelli P Zero Nero All-Season
Revs per mile, (km)	721 (448)
Availability	Optional on SRT 392 and SRT Hellcat
Size and type	275/40ZR20 Three-Season
Mfr. and model	Pirelli P Zero
Revs per mile, (km)	719 (447)
WHEELS	
Availability	Standard on SE (RWD)
Type and material	Five-spoke design, 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 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 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 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 aluminum
Size	20 x 8.0

Availability	Optional on Charger SXT with Rallye Group
Type and material	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 pockets
Size	20 x 8.0
Availability	Optional on Charger R/T with Plus Group
Type and material	Polished aluminum with Technical Gray pockets
Size	20 x 8.0
Availability	Optional on Charger R/T Road & Track
Type and material	Polished and forged Classic II
Size	20 x 8.0
Availability	Standard on R/T Scat Pack
Type and material	Polished aluminum with black pockets and satin finish
Size	20 x 9.0
Availability	Optional on Charger R/T Scat Pack
Type and material	Lightweight forged aluminum, Hyper Black II finish
Size	20 x 9.0
Availability	Standard on SRT 392
Type and material	"Slingshot" split seven spoke, forged aluminum with Hyper Black finish
Size	20 x 9.5
Availability	Standard on SRT Hellcat
Type and material	"Slingshot" split seven spoke, forged aluminum with Matte Black finish
Size	20 x 9.5

Availability	Optional on SRT Hellcat
Type and material	"Slingshot" split seven spoke, forged aluminum with Brass Monkey Finish
Size	20 x 9.5

BRAKES

Touring Brake Package	Standard on Charger SE and SXT (RWD)
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	210 sq. in. (1,358 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 SE AWD, SXT AWD, R/T and R/T Road & Track
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)
Sport Brake Package with Performance Brake Linings	Optional on Charger R/T Road & Track
Brembo High-performance Brake Package	Standard on Charger R/T Scat Pack
Front	
Rotor size and type	14.2 x 1.26 (360 x 32.0) vented and slotted
Caliper size and type	1.73 (44) Brembo four-piston fixed with aluminum housing
Swept area	351 sq. in. (2,261 sq. cm)

Rear	
Rotor size and type	13.8 x 1.10 (350 x 28) vented and slotted
Caliper size and type	1.26 (32) Brembo four-piston fixed with aluminum housing
Swept area	316 sq. in. (2,036 sq. cm.)
Brembo Ultra-high performance Brake Package	
Standard on Charger SRT 392 and SRT Hellcat	
Front	
Rotor size and type	15.4 x 1.34 (390 x 34.0) two-piece aluminum hat, vented and slotted
Caliper size and type	1.42 (36 mm) Brembo six-piston fixed monoblock aluminum
Swept area	424 sq.in. (2,735 sq. cm.)
Rear	
Rotor size and type	13.8 x 1.10 (350 x 28) vented and slotted
Caliper size and type	1.26 (32) Brembo four-piston fixed with aluminum housing
Swept area	316 sq. in. (2,036 sq. cm.)

