

# FCA CANADA

## 2019 Dodge Charger / Charger SRT

### SPECIFICATIONS

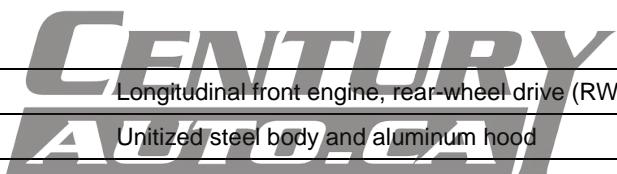
*Specifications are based on the latest product information available at the time of publication.  
All dimensions are in millimetres (inches) unless otherwise noted.  
All dimensions measured at curb weight with standard tires and wheels.*

#### GENERAL INFORMATION

Vehicle Type	E-segment sedan
Assembly Plant	Brampton, Ontario
EnerGuide Vehicle Class	Full-size
Introduction Date	2014 as a 2015 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-LITRE PENTASTAR V-6 WITH 24-VALVE DOHC

Availability	Standard — SXT, SXT AWD and GT
Type and Description	60-degree V-type, liquid-cooled
Displacement	3,604 cu. cm (220 cu. in.)
Bore x Stroke	96.0 x 83.0 mm (3.78 x 3.27 in.)
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/litre) 300 bhp (224 kW) @ 6,350 rpm (83.3 bhp/litre) SXT AWD, GT
Torque (SAE net)	260 lb.-ft. (353 N•m) @ 4,800 rpm 264 lb.-ft. (358 N•m) @ 4,800 rpm SXT AWD, GT
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2 <sup>(a)</sup>
Oil Capacity	5.7 litres (6 quarts) with dry filter
Coolant Capacity	13.25 litres (14.0 quarts)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features

Max. Gross Trailer Weight	454 kg (1,000 lb) , GT not rated for trailer-tow
EnerGuide (2018) Fuel Consumption Ratings	12.4 (23) / 7.8 (36) / 10.3 (27) (RWD with 845RE TorqueFlite eight-speed automatic transmission)
L/100 km (MPG – imp. gal)	12.8 (22) / 8.7 (32) / 11.0 (26) (AWD with 845RE TorqueFlite eight-speed automatic transmission)
City/highway/combined	
Engine Assembly Plant	Saltillo Engine Plant, Mexico

Based on 2018 EnerGuide fuel consumption ratings. Government of Canada test methods used. Your actual fuel consumption will vary based on driving habits and other factors. For EnerGuide information, please visit the Government of Canada website: [www.vehicles.nrcan.gc.ca](http://www.vehicles.nrcan.gc.ca)

#### ENGINE: 5.7-LITRE HEMI® V-8 WITH FUELSAVER MULTI-DISPLACEMENT SYSTEM (MDS) TECHNOLOGY

Availability	Standard — R/T
Type and Description	90-degree V-type, liquid-cooled with variable-cam timing (VCT)
Displacement	5,654 cu. cm (345 cu. in.)
Bore x Stroke	99.5 x 90.9 (3.92 x 3.58)
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/litre)
Torque (SAE net)	395 lb.-ft. (536 N·m) @ 4,200 rpm
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	6.6 litres (7 quarts)
Coolant Capacity	13.9 litres (14.7 quarts)
Emission Controls	Dual close-coupled three-way catalytic converters, quad heated oxygen sensors and internal engine features
Exhaust Type	Dual 2.75-in. straight-thru exhaust system using twin electronic exhaust valves (EEV); features 4-in. chrome round tips
Max. Gross Trailer Weight	Not rated for trailer tow
EnerGuide (2018) Fuel Consumption Ratings	14.7 (19) / 9.4 (30) / 12.3 (23)
L/100 km (MPG – imp. gal.)	
City/highway/combined	

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## ENGINE: 6.4-LITRE HEMI V-8 POWERED BY SRT

Availability	Standard —Scat Pack 392
Type and Description	90-degree V-type, liquid-cooled
Displacement	6,417 cu. cm (392 cu. in.)
Bore x Stroke	103.9 x 94.6 (4.09 x 3.72)
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) @ 6,100 rpm (75.8 bhp/litre)
Torque (estimated SAE net)	475 lb-ft (644 N·m) @ 4,100 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2 — recommended
Oil Capacity	6.6 litres (7 quarts)
Factory Oil Fill	0W-40 Pennzoil Ultra synthetic
Coolant Capacity	14.4 litres (15 quarts)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features <sup>(a)</sup>
Exhaust Type	Dual, 2.75 in. electronically controlled, performance-tuned Active Exhaust system with 4-in. chrome round tips
Max. Gross Trailer Weight	Not rated for trailer-tow
EnerGuide (2018) Fuel Consumption Ratings	15.6 (18) / 9.6 (29) / 12.9 (22) L/100 km (MPG – imp. gal.)
City/highway/combined	

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## ENGINE: 6.2-LITRE SUPERCHARGED HEMI SRT HELLCAT V-8

Availability	Standard — SRT Hellcat
Type and Description	90-degree V-type, liquid-cooled
Displacement	6,166 cu. cm (376 cu. in.)
Bore x Stroke	103.9 x 90.9 (4.09 x 3.58)
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	6.6 litres (7 quarts)
Factory Oil Fill	0W-40 Pennzoil Ultra synthetic
Coolant Capacity	14.4 litres (15 quarts)
Emission Controls	Dual close-coupled three-way catalytic converters heated wide range upstream and switching downstream O <sub>2</sub> sensors and internal engine features.
Exhaust Type	Dual 2.75-in. straight-thru exhaust system using twin electronic exhaust valves (EEV) with 4-in. chrome round tips
EnerGuide (2018) Fuel Consumption Ratings	17.6 (16) / 10.7 (26) / 14.5 (19)
L/100 km (MPG – imp. gal.)	
City/hwy/combined	
Assembly Plant	Saltillo Engine Plant, Saltillo, Mexico



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

Availability	Standard — SXT (RWD/AWD), GT
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 <sup>st</sup> through 8 <sup>th</sup> 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	Charger SXT — 2.62
	Charger SXT AWD and GT — 3.07
Overall Top Gear	Charger SXT — 1.78
	Charger SXT AWD and GT — 2.05

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

Availability	Standard on Charger R/T and Scat Pack 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 and three SRT-unique selectable modes: Street, Sport and Track)
Gear Ratios	
1st	4.71
2nd	3.14
3rd	2.10
4th	1.67
5th	1.29
6th	1.000
7th	0.84
8th	0.67
Reverse	3.32
Final Drive Ratio	Electronic Limited Slip Differential
	2.62 — R/T
	3.09 — Scat Pack 392
Overall Top Gear	1.75 — R/T
	2.07 — Scat Pack 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 and 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	3.32
Final Drive Ratio	2.62 — Asymmetric limited-slip, performance-tuned
Overall Top Gear	1.76

#### TRANSFER CASE

Availability	Standard — SXT AWD
Type	Active, fully variable with front-axle disconnect
Centre Differential	Planetary
Torque Split, Front/Rear	Fully variable

#### ELECTRICAL SYSTEM

Alternator	160-amp — standard on SXT
	180-amp — standard on SXT AWD GT and R/T
	220-amp — standard on Scat Pack 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 SXT
AWD Touring-tuned Suspension	Standard on SXT AWD
Sport-tuned Suspension	Optional on SXT
Performance Suspension	Standard on R/T and GT
High-performance Suspension	Standard on Scat Pack 392
SRT-tuned Suspension	Standard on Hellcat featuring SRT-tuned three-mode adaptive damping system with ADS Bilstein shock absorbers: standard for Hellcat, optional for Scat Pack 392: Street mode = sporty, compliant ride; Sport mode = firm, improved handling; Track mode = firmest, maximum handling
	32mm hollow front sway bar and 19mm hollow rear sway bar

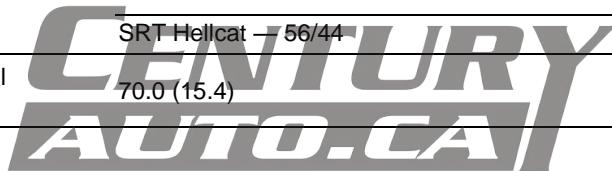
#### STEERING

Type	Rack and pinion with electric power assist
Overall Ratio	SXT, GT — 14.4:1
	SXT AWD — 16.5:1
	R/T — 14.4:1
	Scat Pack 392 — 14.1:1
	SRT Hellcat — 14.4:1 (hydraulic)
Turning Diameter (curb-to-curb)	SXT, GT — 11.5 m (37.7 ft.)
	SXT AWD — 11.8 m (38.7 ft.)
	R/T — 11.5 m (37.7 ft.)
	Scat Pack 392 — 11.4 m (37.5 ft.)
	SRT Hellcat — 11.9 m (38.95 ft.)
Steering Turns (lock-to-lock)	SXT, GT — 2.6
	SXT AWD — 3.1
	R/T — 2.6
	Scat Pack 392 — 2.56
	SRT Hellcat — 2.56
Performance Steering Gear	Standard on Charger R/T and Scat Pack 392

#### DIMENSIONS AND CAPACITIES

Wheelbase	SXT, SXT AWD, GT, R/T and Scat Pack 392 — 3,052 (120.2)
	SRT Hellcat — 3,058 (120.4)
Track, Front	SXT, SXT AWD, GT, R/T and Scat Pack 392 — 1,610 (63.4)
Track, Rear	SXT and GT — 1,620 (63.8)
	R/T and R/T Scat Pack — 1,602.7 (63.1)
	Scat Pack 392 with Daytona Edition Group — 1,618 (63.7)
	SRT Hellcat — 1,618 (63.7)
Overall Length	SXT and SXT AWD — 5,040 (198.4)
	GT, R/T, Scat Pack 392 — 5,100.3 (200.8)
	SRT Hellcat — 5,100.3 (200.8)
Overall Width	1,905 (75.0)
Overall Height	SXT, SXT AWD, GT and R/T — 1,510 (58.5) to shark fin antenna tip
	SXT, SXT AWD and GT — 1,479 (58.2) to roof sheet metal
	R/T and Scat Pack 392 — 1,480 (58.26)
	SRT Hellcat — 1,480 (58.26)
Frontal Area, sq. m (sq. ft.)	SXT and SXT AWD — 2.39 (25.8)
	GT, R/T and Scat Pack 392 — 2.4 (26.2)
	SRT Hellcat — 2.4 (26.2)

Drag Coefficient (Cd)	SXT and SXT AWD — 0.304
	GT, R/T and Scat Pack 392 — 0.335
	SRT Hellcat — 0.335
Curb Weight, kg (lb.)	SXT and GT — 1,823 (4,020)
	SXT AWD — 1,920 (4,233)
	R/T — 1,937 (4,270)
	Scat Pack 392 — 1,991 (4,389)
	SRT Hellcat — 2,057 (4,536)
Weight Distribution, percent F/R	SXT and GT — 52/48
	SXT AWD — 54/46
	R/T — 53/47
	Scat Pack 392 — 55/45
	SRT Hellcat — 56/44
Fuel Tank Capacity, litres (imperial gallons)	70.0 (15.4)



## ACCOMMODATIONS

Seating Capacity, F/R	2/3
Front	
Headroom	981 (38.6)
	938.4 (36.9) with sunroof
Legroom	1,061 (41.8)
Shoulder room	1,510 (59.5)
Hip room	1,428 (56.2)
Seat travel	Driver — 255 (10.0) Passenger — 220 (8.66)
Recliner angle range, deg.	Power — 70.7 Manual — 70
EPA front row interior volume, Litres (cu. ft.)	1,573 (55.6)
Rear Seat	
Headroom	930.6 (36.6)
	930.6 (36.6) with sunroof
Legroom	1,019 (40.1)
Knee clearance	99 (3.9)

Shoulder room	1,472 (57.9)
Hip room	1,425 (56.1)
EPA second row interior volume, Litres (cu. ft.)	1,393 (49.2)
Total Interior Volume, Litres (cu. ft.)	2,964.7 (104.7)
EPA Luggage Compartment Volume, Litres (cu. ft.)	467.2 (16.5)
EPA Interior Volume Index, Litres (cu. ft.)	3,420.6 (120.8)
Trunk Liftover Height	764.0 (30.1)

#### TIRES

Availability	Standard — SXT
Size and type	P215/65R17 BSW All-season touring
Mfr. and model	Michelin Energy Saver
Revs per km (mile)	465 (748)
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Availability	Standard — SXT AWD
Size and type	P235/55R19 BSW All-season performance
Mfr. and model	Michelin Primacy MXM4
Revs per km (mile)	447 (719)
Availability	Optional — SXT
Size and type	P245/45R20 BSW All-season performance
Mfr. and model	Firestone Firehawk GTV
Revs per km (mile)	451 (725)
Availability	Optional — GT, R/T and Scat Pack 392
Size and type	245/45R20 BSW Three-season high-performance
Mfr. and model	Goodyear Eagle F1
Revs per km (mile)	451 (725)
Availability	Standard — GT, R/T and Scat Pack 392
Size and type	245/45R20 BSW All-Season performance
Mfr. and model	Goodyear RS-A
Revs per km (mile)	451 (725)

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Availability	Standard —SRT Hellcat
	Included with Dynamics Package and Daytona Edition Group on Scat Pack 392
Size and type	275/40ZR20 All-season
Mfr. and model	Pirelli P Zero Nero All-season
Revs per km (mile)	448 (721)

Availability	Optional — Scat Pack 392 and SRT Hellcat
Size and type	275/40ZR20 Three-season
Mfr. and model	Pirelli P Zero
Revs per km (mile)	447 (719)

#### **WHEELS**

Availability	Standard on SXT
Type and material	Five-spoke design, Fine Silver aluminum
Size	17 x 7.0

Availability	Standard on SXT AWD
Type and material	Five-spoke design, Granite Crystal
Size	19 x 7.5

Availability	Standard on GT and R/T
	Optional on SXT
Type and material	Granite Crystal aluminum
Size	20 x 8.0

Availability	Standard on Scat Pack 392
	Packaged with Performance Handling Group on R/T
Type and material	Black Noise aluminum
Size	20 x 9.0

Availability	Packaged with Daytona Edition Group on R/T
	Optional on R/T and Scat Pack 392
Type and material	Lightweight forged aluminum, Matte Black finish

Size	20 x 9.0
Availability	Packaged with Daytona Edition Group on Scat Pack 392
Type and material	Lightweight forged aluminum, Low Gloss Black finish
Size	20 x 9.5
Availability	Standard on SRT Hellcat
Type and material	"Lightweight 5Deep Aluminum" five-spoke Low-gloss Black
Size	20 x 9.5
Availability	Packaged with Blacktop Package on SXT RWD, GT and R/T
Type and material	Black Noise aluminum
Size	20 x 8
Availability	Packaged with Blacktop Package on SXT AWD
Type and material	Black Noise aluminum
Size	19 x 7.5
Availability	Packaged with Plus Group on GT and R/T
Type and material	Satin Carbon aluminum
Size	20 x 8
Availability	Optional on GT and R/T
Type and material	Polished/painted Black pockets
Size	20 x 8
Availability	Included with Dynamics Package on Scat Pack 392
Type and material	Low Gloss Black lightweight forged aluminum
Size	20 x 9.5
Availability	Optional on SRT Hellcat
Type and material	Brass Monkey (Dark Bronze) forged aluminum
Size	20 x 9.5
Availability	Optional on SRT Hellcat
Type and material	Matte Vapor aluminum

Size	20 x 9.5
<b>BRAKES</b>	
Touring Brake Package	Standard on SXT
Front	
Rotor size and type	320 x 28 (12.6 x 1.1) vented
Caliper size and type	60 (2.36) single-piston sliding with aluminum housing
Swept area	1,358 sq. cm (210 sq. in.)
Rear	
Rotor size and type	320 x 10 (12.6 x 0.4) solid
Caliper size and type	42 (1.65) single-piston sliding with aluminum housing
Swept area	1,703 sq. cm (264 sq. in.)
Sport Brake Package	
Standard on SXT AWD, GT and R/T	
Front	
Rotor size and type	345 x 28 (13.6 x 1.26) vented
Caliper size and type	42 (1.65) dual-piston sliding with aluminum housing
Swept area	1,606 sq. cm (249 sq. in.)
Rear	
Rotor size and type	320 x 22 (12.6 x 0.87) vented
Caliper size and type	42 (1.65) single-piston sliding with aluminum housing
Swept area	1,703 sq. cm (264 sq. in.)
Brembo High-performance Brake Package	
Standard on Scat Pack 392	
Front	
Rotor size and type	360 x 32.0 (14.2 x 1.26) vented and slotted
Caliper size and type	44 (1.73) Brembo four-piston fixed with aluminum housing
Swept area	2,261 sq. cm (351 sq. in.)
Rear	
Rotor size and type	350 x 28 (13.8 x 1.10) vented and slotted
Caliper size and type	32 (1.26) Brembo four-piston fixed with aluminum housing
Swept area	2,036 sq. cm (316 sq. in.)
Brembo Ultra-high-performance Brake Package	
Standard on SRT Hellcat	
Optional on Scat Pack 392 with Dynamics Package	

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

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