

FCA CANADA

2020 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, rear-wheel drive (RWD), all-wheel drive (AWD)
Assembly Plant	Brampton Assembly Plant, Ontario, Canada
Energide Vehicle Class	Large car
Introduction Date	2014 as a 2015 model

BODY AND CHASSIS

Layout	Longitudinal front engine, RWD or AWD
Construction	Unitized steel body and aluminum hood

ENGINE: 3.6-LITRE PENTASTAR V-6

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 300 bhp (224 kW) @ 6,350 rpm 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
Oil Capacity	5.7 litres (6 quarts)
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.)

EnerGuide (2020) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) city/hwy/combined	TBD (RWD); TBD (AWD)
Based on 2020 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	
Engine Assembly Plant	Trenton South Engine Plant, Trenton, Michigan
ENGINE: 5.7-LITRE HEMI® V-8 WITH FUEL SAVER TECHNOLOGY	
Availability	Standard — R/T models
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
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 6.9 cm (2.75-in.) straight-thru exhaust system using twin electronic exhaust valves (EEV); features 10.1 cm (4-in.) chrome round tips
Max. Gross Trailer Weight	454 kg (1,000 lb.)
EnerGuide (2020) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) city/hwy/combined	TBD
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ENGINE: 392 HEMI V-8 POWERED BY SRT

Availability	Standard — Scat Pack 392 models
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
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 — required
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
Exhaust Type	Dual, 6.9 cm (2.75 in.) electronically controlled, performance-tuned Active Exhaust system with 10.1 cm (4-in.) chrome round tips
Max. Gross Trailer Weight	Not rated for trailer-tow
EnerGuide (2020) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) city/hwy/combined	TBD
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ENGINE: SUPERCHARGED 6.2-LITRE HEMI 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 with Premium 91 octane fuel

Torque (SAE J2723)	650 lb.-ft. (881 N•m) @ 4,800 rpm with Premium 91 octane fuel
Max. Engine Speed	6,200 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2 — required
Oil Capacity	6.6 litres (7 quarts)
Factory Oil Fill	0W-40 Pennzoil Ultra synthetic
Coolant Capacity	14.4 litres (15 quarts)
Induction System	Combined air-flow rate of 1,094 CFM from mail slot grille opening

Intercooler System	<p>Separate low-temp cooling system with dual water-to-air intercoolers and a high-flow variable-speed electric water pump</p> <p>When engine is shut down, radio-selectable Race Cooldown feature turns on radiator fan and intercooler water pump to reduce intercooler coolant temperature</p>
Emission Controls	Dual close-coupled three-way catalytic converters heated wide range upstream and switching downstream O ₂ sensors and internal engine features.
Exhaust Type	Dual 6.9 cm (2.75-in.) straight-thru exhaust system using twin electronic exhaust valves (EEV) with 10.1 cm (4-in.) chrome round tips
Max. Gross Trailer Weight	Not rated for trailer-tow
EnerGuide (2020) Fuel Consumption Ratings L/100 km (MPG – imp. gal.) city/hwy/combined	TBD
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Assembly Plant	Saltillo Engine Plant, Saltillo, Mexico

TRANSMISSION: TORQUEFLITE 8HP50 EIGHT-SPEED AUTOMATIC

Availability	Standard with 3.6-litre Pentastar V-6 engine, RWD
Description	Adaptive electronic control, Sport Mode and available 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 first through eighth 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	2.62 — standard
	3.08 — optional
Overall Top Gear	1.76 — standard
	2.06 — optional

TRANSMISSION: TORQUEFLITE 850RE EIGHT-SPEED AUTOMATIC

Availability	Standard with 3.6-litre Pentastar V-6 engine, AWD
Description	Adaptive electronic control, 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 first through eighth 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	3.08
Overall Top Gear	2.06

TRANSMISSION: TORQUEFLITE 8HP70 EIGHT-SPEED AUTOMATIC

Availability	Standard with 5.7-litre and 392 HEMI V-8 engines
Description	Adaptive electronic control, configurable drive modes and paddle-shifted driver-interactive manual control, five-clutch pack design with only two open clutches in any gear, off-centre line pump with low-viscosity oil for reduced spin loss, torque converter lock with turbine torsional damper for

low lock-up speeds in first through eighth 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	3.32
Final Drive Ratio	
2.62 — standard with 5.7-litre	
3.09 — asymmetric limited-slip, performance-tuned, standard with 392 HEMI V-8	
Overall Top Gear	
1.75 — (with 2.62 final drive ratio)	
2.07 — (with 3.09 final drive ratio)	

TRANSMISSION: TORQUEFLITE 8HP90 EIGHT-SPEED AUTOMATIC

Availability	Standard on 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	3.32
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
Center Differential	Planetary
Torque Split, Front/Rear	Fully variable

ELECTRICAL SYSTEM

Alternator	160-amp — standard on SXT
	180-amp — standard on SXT AWD, GT, R/T models; optional on SXT
	220-amp — standard on Scat Pack 392 models and SRT Hellcat
Battery	H7 Case, 730 CCA, maintenance-free

STEERING

Type	Electric power steering (EPS) with multi-mode assist
Overall Ratio	16.5:1 — SXT AWD
	14.4:1 — all RWD models
Turn Circle (curb-to-curb)	37.7 ft. — SXT, GT, R/T models
	38.7 ft. — SXT AWD
	37.5 ft. — Scat Pack 392
	39.0 ft. — SRT Hellcat and Scat Pack 392 Widebody
Steering Turns (lock-to-lock)	2.6 — SXT, GT, R/T models
	3.1 — SXT AWD
	2.6 — Scat Pack 392 models
	2.5 — SRT Hellcat Widebody

SUSPENSION

Front	<p>Independent SLA with high upper “A” arm</p> <p>Lateral and diagonal lower links (RWD models), one-piece lower-control arms (AWD models)</p> <p>Coil spring over gas-charged monotube shock absorbers</p> <p>Bilstein ADS shock absorbers (available on Scat Pack 392, standard Scat Pack 392 Widebody and SRT Hellcat models)</p> <p>32 mm (34 mm for SRT models) hollow stabilizer bar</p>
Rear	<p>Five-link independent with coil springs</p> <p>Link-type 19 mm (22 mm on Widebody models) hollow stabilizer bar</p> <p>Gas-charged monotube shock absorbers</p> <p>Gas-charged Bilstein ADS shock absorbers (available on Scat Pack 392, standard Scat Pack 392 Widebody and SRT Hellcat models)</p> <p>Isolated suspension cradle</p>

Touring-tuned Suspension	Standard — SXT
Normal duty Suspension	Standard — SXT AWD
Sport-tuned Suspension	Optional — SXT
Performance Suspension	Standard — GT and R/T models
High-performance Suspension	Standard — Scat Pack 392 models; optional on GT, R/T models
Widebody Competition Suspension (included with Widebody Package)	Standard — SRT Hellcat; available on Scat Pack 392
SRT-tuned Three-mode Adaptive Damping Suspension (ADS)	Standard — SRT Hellcat; available on Scat Pack 392 Auto Mode: sporty, compliant ride Sport Mode: firm, improved handling Track Mode: firmest, maximum handling

DIMENSIONS AND CAPACITIES

Wheelbase	3,048 (120)
Track, Front	1,611 (63.4) — SXT, GT and R/T
	1,607 (63.3) — SXT AWD
	1,625 (64.0) — Scat Pack 392
	1,667 (65.6) — Scat Pack 392 Widebody and SRT Hellcat
Track, Rear	1,620 (63.8) — SXT, GT and R/T
	1,611 (63.4) — SXT AWD
	1,617 (63.7) — Scat Pack 392
	1,658 (65.3) — Scat Pack 392 Widebody and SRT Hellcat
Overall Length	5,040 (198.4) — SXT and SXT AWD
	5,100 (200.8) — GT, R/T, Scat Pack 392
	5,105 (201.0) — Scat Pack 392 Widebody and SRT Hellcat
Overall Width (with mirrors)	2,100 (82.7)
Overall Width (without mirrors)	1,905 (75.0) — SXT, SXT AWD, GT, R/T and Scat Pack 392
	1,989 (78.3) — Scat Pack 392 Widebody and SRT Hellcat (at widest point of vehicle, rear flares)
Overall Height	1,485 (58.5) — SXT AWD
	1,467 (57.8) — SXT, GT, R/T and Scat Pack 392
	1,462 (57.6) — SRT Hellcat
Frontal Area, sq. m (sq. ft.)	2.4 (25.8) — SXT
	2.4 (26.0) — SXT AWD
	2.4 (26.2) — GT, R/T and Scat Pack 392
	2.5 (27.2) — Scat Pack 392 Widebody and SRT Hellcat
Ground Clearance	130.9 (5.2)

	115.2 (4.5) — SRT Hellcat models
Drag Coefficient (Cd)	0.304 Cd — SXT
	0.330 Cd — SXT AWD
	0.335 Cd — GT, R/T and Scat Pack
	0.348 Cd — Scat Pack Widebody
	0.381 Cd — SRT Hellcat
Curb Weight, kg (lb.)	1,823 (3,964) 1— SXT
	1,920 (4,205) — SXT AWD
	1,847 (4,073) — GT
	1,937 (4,291) — R/T models
	1,991 (4,385) — Scat Pack 392 models
	2,057 (4,586) — SRT Hellcat
Weight Distribution, percent F/R	52/48 — SXT and GT
	53/47 — SXT AWD
	55/45 — R/T models
	55/45 — Scat Pack 392 models
	56/44 — SRT Hellcat
Fuel Tank Capacity, litres (gallons)	70.0 (18.5)
ACCOMMODATIONS	
Seating Capacity, F/R	2/3 — standard
Front	
Headroom	981 (38.6)
	938 (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 — 70.0
front volume index litres (cu. ft.)	1,574.4 (55.6)
Rear Seat	
Headroom	930 (36.6)
Legroom	1,019 (40.1)
Knee clearance	99 (3.9)

Shoulder room	1,472 (57.9)
Hip room	1,425 (56.1)
second row interior volume, litres (cu. ft.)	1,393.1 (49.2)
Total Interior Volume, litres (cu. ft.)	2,964.7 (104.7)
Luggage Compartment Volume, litres (cu. ft.)	467.2 (16.5)
Interior Volume Index, litres (cu. ft.)	3,420.6 (120.8)
Trunk Liftover Height	764 (30.1)

TIRES

Availability	Standard on SXT
Size and type	P215/65R17 BSW Low Rolling Resistance All-season Touring
Mfr. and model	Michelin Energy Saver
Revs per km (mile)	463 (745)
Availability	Standard on SXT AWD
Size and type	235/55R19 BSW All-season Performance
Mfr. and model	Michelin Primacy MXM4
Revs per km (mile)	444 (715)
Availability	Standard on GT, R/T and Scat Pack 392; Optional on SXT (packaged with Blacktop Package, Plus Group)
Size and type	245/45ZR20 All-season Performance
Mfr. and model	Goodyear RS-A
Revs per km (mile)	456 (733)
Availability	Optional on GT, R/T and Scat Pack 392
Size and type	245/45ZR20 Three-season Performance
Mfr. and model	Goodyear Eagle F1
Revs per km (mile)	451 (726)
Availability	Optional on Scat Pack 392 (packaged with Daytona Edition Group, Dynamics Package)
Size and type	275/40ZR20 All-season Performance

Mfr. and model	Pirelli P Zero All-season
Revs per km (mile)	446 (718)
Availability	Optional on Scat Pack 392
Size and type	275/40ZR20 Summer
Mfr. and model	Pirelli P Zero
Revs per km (mile)	446 (718)
Availability	Standard on SRT Hellcat; optional on Scat Pack 392 (included with Widebody Package)
Size and type	305/35ZR20 All-season Performance
Mfr. and model	Pirelli P Zero All-season
Revs per km (mile)	454 (731)
Availability	Optional on Scat Pack 392 (included with Widebody Package) and SRT Hellcat
Size and type	305/35ZR20 Three-season Performance
Mfr. and model	Pirelli P Zero
Revs per km (mile)	454 (731)
WHEELS	
Availability	Standard on SXT
Type and material	Fine Silver aluminum
Size	17 x 7 in.
Availability	Standard on SXT AWD
Type and material	Satin Carbon aluminum
Size	19 x 7.5 in.
Availability	Optional on SXT AWD (included with Blacktop Package)
Type and material	Black Noise aluminum
Size	19 x 7.5 in.
Availability	Standard on GT; optional on SXT (included with Plus Group)
Type and material	Satin Carbon aluminum, wide spoke design
Size	20 x 8 in.

Availability	Standard on R/T; optional on GT (included with Plus Group)	
Type and material	Satin Carbon aluminum, tight spoke design	
Size	20 x 8 in.	
Availability	Optional on R/T (included with Plus Group)	
Type and material	Machined aluminum with Granite pockets	
Size	20 x 8 in.	
Availability	Optional on SXT, GT and R/T (included with Blacktop Package)	
Type and material	Black Noise aluminum	
Size	20 x 8 in.	
Availability	Optional on GT and R/T (included with, Daytona Edition Group)	
Type and material	Low Gloss Black aluminum	
Size	20 x 9 in.	
Availability	Standard on Scat Pack 392	
Type and material	Low Gloss Granite forged aluminum	
Size	20 x 9 in.	
Availability	Optional on Scat Pack 392 (included with Daytona Edition Group, Dynamics Package)	
Type and material	Black Noise aluminum	
Size	20 x 9.5 in.	
Availability	Optional on Scat Pack 392	
Type and material	Brass Monkey aluminum	
Size	20 x 9.5 in.	
Availability	Optional on Scat Pack 392 (included with Widebody package)	
Type and material	Devil's Rim aluminum	
Size	20 x 11 in.	
Availability	Standard on SRT Hellcat; optional on Scat Pack 392	

Type and material	Carbon Black aluminum
Size	20 x 11 in.
Availability	Optional on SRT Hellcat
Type and material	Warpspeed Granite aluminum
Size	20 x 11 in.
Availability	Optional on SRT Hellcat
Type and material	Brass Monkey aluminum
Size	20 x 11 in.

BRAKES

Sport 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.)
Performance 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; Optional on GT, R/T models
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.)
SRT/Brembo Ultra-high-performance Brake Package	Standard on SRT Hellcat Included on Scat Pack 392 with Daytona Edition Group and 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 (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.)
Four-wheel Anti-lock Brake System (ABS) and Traction Control	Standard
Electronic Stability Control (ESC) and Brake Assist	Standard
Brake Knockback Mitigation	Standard
Hill-start Assist (HSA)	Standard
Three-mode (Normal, Sport, Off) ESC/Traction Control Mode Selection	Standard on GT and R/T models
Four-mode (Street, Sport, Track, Off) ESC/Traction Control Mode Selection	Standard on Scat Pack 392, SRT Hellcat models
Power-assist Type	8 + 9 (203 + 209) tandem-diaphragm vacuum booster