

## 2016 Dodge Challenger / Challenger SRT CANADIAN 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

Body Style	Two-door coupe
Assembly Plant	Brampton, Ontario
EnerGuide Vehicle Class	Mid-size

### BODY AND CHASSIS

Layout	Longitudinal front engine, rear-wheel drive (RWD)
Construction	Unitized steel body

### ENGINE: 3.6-LITRE PENTASTAR™ DOHC 24-VALVE V6

Availability	Standard — Dodge Challenger SXT and SXT Plus
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)
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	305 hp @ 6,350 rpm (84.7 hp/litre)
Torque	268 lb.-ft. @ 4,800 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	5.7-litres (6 qt.) with dry filter
Coolant Capacity	13.25-litres (14.0 qt.)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
Exhaust Type	Dual exhaust with rectangular chromed tip and image sound
Max. Gross Trailer Weight	454 kg (1,000 lb.)
2015 EnerGuide Fuel Economy L/100 km (mpg) city/hwy	12.4 (23) / 7.8 (36)
Engine Assembly Plant	Trenton, Michigan (U.S.A.)

## ENGINE: 5.7-LITRE HEMI® V8 (FUELSAVER MULTI-DISPLACEMENT SYSTEM TECHNOLOGY WITH 8HP70 EIGHT-SPEED TRANSMISSION)

Availability	Standard — Dodge Challenger R/T and R/T Shaker models (late availability)
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
For Automatic Transmission	
Power	372 hp @ 5,200 rpm (65.3 hp/litre)
Torque	400 lb.-ft. @ 4,400 rpm
For Manual Transmission	
Power	375 hp @ 5,150 rpm (65.7 hp/litre)
Torque	410 lb.-ft. @ 4,300 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 qt.)
Coolant Capacity	13.9-litres (14.7 qt.)
Emission Controls	Dual close-coupled three-way catalytic converters, quad heated oxygen sensors and internal engine features
Exhaust Type	Dual exhaust with rectangular chromed tip and image sound
Max. Gross Trailer Weight	454 kg (1,000 lb.) (not recommended with manual)
2015 EnerGuide Fuel Economy L/100 km (mpg) city/hwy	15.6 (18) / 10.0 (28) manual 14.8 (19) / 9.3 (30) automatic

## ENGINE: 6.4-LITRE SRT HEMI V8

Availability	Standard — R/T Scat Pack, R/T Scat Pack Shaker (late availability) and SRT 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 94.5 (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 FuelSaver 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	485 hp @ 6,000 rpm (75.8 hp/litre)
Torque	475 lb.-ft. @ 4,200 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2 — recommended
Oil Capacity	6.6 litres (7 qt.)
Factory Oil Fill	0W-40 Pennzoil Ultra synthetic
Coolant Capacity	13.25 litres (14 qt.)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features
Exhaust Type	Dual 70-mm (2.75-in.) with rectangular chromed tips and performance-tuned exhaust note
Max. Gross Trailer Weight	Not rated for trailer-tow
2015 EnerGuide Fuel Economy L/100 km (mpg) city/hwy	16.8 (17) / 10.4 (27) manual 15.7 (18) / 9.5 (30) automatic

## ENGINE: 6.2-LITRE SUPERCHARGED HEMI SRT HELLCAT V8

Availability	Standard on Challenger SRT Hellcat
Type and Description	90-degree V-type, liquid-cooled
Displacement	6,166 cu.cm (370 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	707 hp @ 6,000 rpm (114 hp/litre)
Torque	650 lb.-ft @ 4,000 rpm
Max. Engine Speed	6,200 rpm
Fuel Requirement	Premium 91 octane (R+M)/2 — recommended
Oil Capacity	7.1-litres (7.5 qt.)
Factory Oil Fill	0W-40 Pennzoil Ultra™ synthetic

Coolant Capacity	13.25 litres (14 qt.)
Intercooler System	Separate low-temp cooling system with dual water-to-air intercoolers and a high-flow variable-speed electric water pump
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 70-mm (2.75-in.) straight-through exhaust system with twin Electronic Exhaust Valves (EEV) with rectangular Black Vapor-chromed tips
Max. Gross Trailer Weight	Not rated for trailer-tow
2015 EnerGuide Fuel Economy L/100 km (mpg) city/hwy	18.1 (16) / 11.4 (25) manual 18.0 (16) / 10.7 (26) automatic

### TRANSMISSION: SIX-SPEED MANUAL TREMEC TR-6060 WITH ZF-SACHS 240 MM TWIN DISC CLUTCH

Availability	Available — R/T, R/T Scat Pack, R/T Scat Pack Shaker and SRT 392
Description	Triple cone/double cone synchronizer design, 1-4 skip shift and reverse inhibit solenoids, 5:1 remote shifter
<b>Gear Ratios</b>	
1st	2.97
2nd	2.10
3rd	1.46
4th	1.00
5th	0.74
6th	0.50
Reverse	2.90
Final Drive Ratio	3.90 axle with limited-slip differential

### TRANSMISSION: SIX-SPEED MANUAL TREMEC TR-6060 with ZF-SACHS 258 MM TWIN-DISC CLUTCH (Supercharged 6.2-litre HEMI)

Availability	Available on SRT Hellcat
Description	Triple cone (1 <sup>st</sup> , 2 <sup>nd</sup> ) / double cone (3 <sup>rd</sup> -6 <sup>th</sup> ) synchronizer design; 1-4 skip shift and reverse inhibit solenoids; 5:1 remote shifter
<b>Gear Ratios</b>	
1st	2.26
2nd	1.58
3rd	1.19
4th	1.00
5th	0.77
6th	0.63

Reverse	2.90
Final Drive Ratio	3.70 – Asymmetric-limited slip, performance-tuned
Overall Top Gear	2.33

**TRANSMISSION: TORQUEFLITE 845RE EIGHT-SPEED AUTOMATIC**

Availability	Standard on 3.6-litre Pentastar V6 engine
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-centre 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	2.62 — Standard 3.08 — Optional
Overall Top Gear	1.76 — Standard 2.06 — Optional

**TRANSMISSION: TORQUEFLITE 8HP70 EIGHT-SPEED AUTOMATIC**

Availability	Standard with 5.7-litre and 6.4-litre HEMI V8 engines
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-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	4.70
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	3.08:1 – (5.7-litre) 3.09:1 – Limited Slip (6.4-litre)
Overall Top Gear	2.06 (5.7-litre) 2.07 (6.4-litre)

**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
7 <sup>th</sup>	0.84
8 <sup>th</sup>	0.67
Reverse	3.32
Final Drive Ratio	2.62 — Asymmetric-limited slip, performance-tuned (6.2 litre)
Overall Top Gear	1.76 (6.2 litre)

**ELECTRICAL SYSTEM**

Alternator	160-amp — Standard with 3.6L V6 and 5.7L V8
	180-amp — Optional with 3.6L V6 and 5.7L V8
	220-amp — Standard with 6.4L and 6.2L Supercharged engines
Battery	H7 Case, 625 CCA, maintenance-free

## STEERING

Type	Electric power steering (EPS)
	Rack and pinion with multi-mode electric assist (SRT 392)
	Rack and pinion with hydraulic power assist and fixed displacement hydraulic power-steering pump (SRT Hellcat)
Overall Ratio	12.3:1 ratio — Challenger SXT and R/T models
	14.4:1 ratio — Challenger R/T Scat Pack, R/T Scat Pack Shaker, SRT 392 and SRT Hellcat
Turning Diameter (curb-to-curb)	11.4 m (37.4 ft.) — Challenger SXT and R/T models
	11.8 m (38.8 ft.) — Challenger R/T Scat Pack and R/T Scat Pack Shaker
	11.43 m (37.5 ft.) — Challenger SRT 392
	11.7 m (38.5 ft.) — Challenger SRT Hellcat
Steering Turns (lock-to-lock)	2.62 — Challenger SXT and R/T models
	2.56 — Challenger R/T Scat Pack, R/T Scat Pack Shaker and SRT 392
	2.52 — Challenger SRT Hellcat

## 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
	Independent SLA with high upper “A” arm, coil spring over gas-charged ADS Bilstein <sup>®</sup> shock absorbers and 32 mm hollow stabilizer bar, lateral and diagonal lower links (SRT 392)
	Independent SLA with high upper “A” arm, coil spring over gas-charged ADS Bilstein shock absorbers and 34 mm solid stabilizer bar, lateral and diagonal lower links (SRT Hellcat)
Rear	Five-link independent with coil springs, gas-charged monotube shock absorbers, stabilizer bar and isolated suspension cradle
	Five-link independent with coil springs, link-type 19 mm hollow stabilizer bar, gas-charged ADS Bilstein shock absorbers and isolated suspension cradle (SRT 392)
	Five-link independent with coil springs, link-type 22 mm solid stabilizer bar, gas-charged ADS Bilstein shock absorbers and isolated suspension cradle (SRT Hellcat)
Performance suspension	Standard on Challenger SXT, SXT Plus and R/T models
Super Track Pak Suspension	Standard on Challenger R/T Shaker and available on SXT and R/T models with Super Track Pak
High-performance Suspension	Standard on Challenger R/T Scat Pack and R/T Scat Pack Shaker
SRT-tuned Three-mode ADS Suspension	SRT-tuned three-mode adaptive damping system: Street mode = sporty, compliant ride; Sport mode = firm, improved handling; Track mode = firmest, maximum handling (SRT 392 and SRT Hellcat)

**BRAKES mm (in.) unless otherwise noted**

Sport Brake Package	Standard on Challenger SXT models
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	1,671 sq. cm (259 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 with Performance Brake Linings	
Standard on Challenger R/T models Included with Super Track Pak on SXT, SXT Plus, 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 Challenger R/T Scat Pack and R/T Scat Pack Shaker	
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 High-performance Brake Package	Standard on Challenger SRT 392 and SRT Hellcat
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
Four (Street, Sport, Track, Off) -position ESC/Traction Control Mode Selection	Standard
Power-assist Type	203 + 209 (8 + 9) tandem-diaphragm vacuum booster

**DIMENSIONS AND CAPACITIES <sup>(a)</sup>**  
**mm (in.) unless otherwise noted**

Wheelbase	2,950.4 (116.2)
Track, Front	1,611 (63.4) 1,625 (64.0) (Challenger SRT Hellcat)
Track, Rear	1,620 (63.8) 1,618 (63.7) (Challenger SRT Hellcat)
Overall Length	5,027.4 (197.9) 5,018 (197.5) (Challenger SRT Hellcat) 5,028 (198.0) (Challenger SRT 392)
Overall Width (with mirrors)	2,178.7 (85.8)
Overall Width (without mirrors)	1,923.1 (75.7)
Overall Height	1,459.5 (57.5) 1,416 (55.7) (Challenger SRT Hellcat) 1,419 (55.9) (Challenger SRT 392)
Ground Clearance	130.9 (5.2) 115 (4.5) (Challenger SRT Hellcat) 120 (4.7) (Challenger SRT 392)

Drag Coefficient	0.337 Cd
	0.380 Cd (Challenger SRT Hellcat)
	0.356 Cd (Challenger SRT 392)
Curb Weight (preliminary)	1,762.29 kg (3,885.2 lb.) — SXT
	1,906.26 kg (4,202.6 lb.) — R/T (manual)
	1,904.6 kg (4,199.0 lb.) — R/T (automatic)
	1,919.72 kg (4,232.3 lb.) — R/T Scat Pack (manual)
	1,923.13 kg (4,239.8 lb.) — R/T Scat Pack (automatic)
	1,940.15 kg (4,277.3 lb.) — SRT 392 (manual)
	1,944.87 kg (4,287.7 lb.) — SRT 392 (automatic)
	2,027.36 kg (4,469.6 lb.) — SRT Hellcat (manual)
2,030.4 kg (4,476.2 lb.) — SRT Hellcat (automatic)	
Weight Distribution % — F/R	52/48 — SXT
	54/46 — R/T (manual)
	54/46 — R/T (automatic)
	55/45 — R/T Scat Pack (manual)
	55/45 — R/T Scat Pack (automatic)
	55/45 — SRT 392 (manual)
	55/45 — SRT 392 (automatic)
	57/43 — SRT Hellcat (manual)
57/43 — SRT Hellcat (automatic)	
Fuel Tank Capacity, litres (imp. gal)	70.0 (15.4)

<sup>(a)</sup> All dimensions measured at curb weight with standard tires.

**ACCOMMODATIONS**

**mm (in.) unless otherwise noted**

Seating Capacity — F/R	2/3
Front	
Headroom	999 (39.3)
Legroom	1,067 (42.0)
Shoulder Room	1,485 (58.5)
Hip Room	1,404 (55.3)
Seat Travel	Driver — 255 (10.0) Passenger — 220 (8.7)
Recliner Angle Range	Driver — 64 degrees Passenger — 63 degrees
Front Volume Index	1,580 litres (55.8 cu.ft. )

Rear	
Headroom	942 (37.1)
Legroom	840 (33.1)
Shoulder Room	1,368 (53.9)
Hip Room	1,215 (47.8)
Rear Seat Volume Index	1,073 litres (37.9 cu.ft.)
Total Interior Volume	2,659 litres (93.9 cu.ft.)
Cargo Volume	459 litres (16.2 cu.ft.)
Interior Volume Index	3,119 litres (110.1 cu.ft.)
Trunk Lift-over Height	845 (33.2)

**TIRES**

Availability	Standard on Challenger SXT
Size and type	235/55R18 BSW All-season performance
Mfr. and model	Michelin Primacy MXM4
Revs per km (mile)	463 (744)

Availability	Standard on SXT Plus and R/T models Optional on SXT
Size and type	245/45R20 BSW All-season performance
Mfr. and model	Firestone Firehawk GTV
Revs per km (mile)	449 (725)

Availability	Standard on R/T Shaker and R/T Scat Pack Shaker; Optional on R/T Scat Pack Included with Super Track Pak on SXT, SXT Plus and R/T
Size and type	245/45ZR20 BSW Three-season high-performance
Mfr. and model	Goodyear Eagle F1
Revs per km (mile)	451 (725)

Availability	Standard on R/T Scat Pack; Optional on R/T Shaker Optional with Super Track Pak on SXT, SXT Plus, and R/T
Size and type	245/45ZR20 BSW All-season high-performance
Mfr. and model	Goodyear Eagle RSA
Revs per km (mile)	456 (733)

Availability	Standard on Challenger SRT and Challenger SRT Hellcat
Size and Type	275/40ZR20 All-season performance
Mfr. and Model	Pirelli (PZero Nero All-season)
Revs per km (mile)	448 (720.9)
Availability	Optional on Challenger SRT 392 and Challenger SRT Hellcat
Size and Type	275/40ZR20 Three-season
Mfr. and Model	Pirelli (PZERO)
Revs per km (mile)	446.6 (718.7)
<b>WHEELS (in.)</b>	
Availability	Standard on Challenger SXT
Type and material	Satin Carbon aluminum
Size	18 x 7.5
Availability	Standard on Challenger SXT Plus and R/T
Type and material	Polished aluminum with Graphite pockets
Size	20 x 8
Availability	Standard on Challenger R/T Optional on Challenger SXT with Super Sport Group
Type and material	Polished aluminum
Size	20 x 8
Availability	Available on Challenger SXT and R/T with Blacktop Appearance Package
Type and material	Gloss Black painted aluminum
Size	20 x 8
Availability	Available on Challenger SXT and R/T with Super Track Pak
Type and material	Hyper Black aluminum
Size	20 x 8.0
Availability	Available on Challenger R/T with R/T Classic Package
Type and material	Classic polished forged aluminum
Size	20 x 8.0

Availability	Standard on Challenger R/T Scat Pack
Type and material	Polished aluminum with Black pockets and Satin finish
Size	20 x 9.0
Availability	Optional on Challenger R/T Scat Pack and R/T Scat Pack Shaker Optional on Challenger R/T and R/T Shaker
Type and material	Matte Black lightweight forged aluminum
Size	20 x 9.0
Availability	Standard on Challenger R/T Shaker
Type and material	Polished aluminum with Black pockets and Satin finish
Size	20 x 8.0
Availability	Optional on Challenger R/T Scat Pack
Type and material	Hyper Black forged aluminum
Size	20 x 9.0
Availability	Standard on Challenger SRT 392
Type and material	SRT-exclusive, "Slingshot" split seven spoke, forged aluminum with Hyper Black finish
Size	20 x 9.5
Availability	Standard on Challenger SRT Hellcat
Type and material	SRT-exclusive, "Slingshot" split seven spoke, forged aluminum with Matte Black finish
Size	20 x 9.5
Availability	Optional on Challenger SRT Hellcat
Type and material	SRT-exclusive, "Slingshot" split seven spoke, forged aluminum with Brass Monkey (Dark Bronze) finish
Size	20 x 9.5

