

## 2015 Dodge Challenger

### 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	Intermediate car
Introduction Date	Third quarter 2014 as a 2015 model

#### BODY/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 bhp/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.)



# Challenger

CANADIAN SPECIFICATIONS

EnerGuide Fuel Economy L/100km (mpg) City/ Hwy TBD

Engine Assembly Plant Trenton, Michigan (U.S.A.)

## ENGINE: 5.7-LITRE HEMI® V8 (WITH FUEL SAVER TECHNOLOGY ON AUTOMATIC TRANSMISSION)

Availability Standard — Dodge Challenger R/T and R/T Shaker (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)

EnerGuide Fuel Economy L/100km (mpg) City/Hwy TBD manual  
TBD automatic

## ENGINE: 6.4-LITRE HEMI® V8 POWERED BY SRT

Availability Standard — Scat Pack and Scat Pack Shaker (late availability)

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 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
Maximum Power (projected)	485 hp @ 6,000 rpm (75.8 hp/litre)
Maximum Torque (projected)	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
EnerGuide Fuel Economy L/100km (mpg) City/Hwy	TBD manual TBD automatic

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

Availability	Available — R/T, Scat Pack and Scat Pack Shaker (late availability)
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	0.742
6th	0.50
Reverse	2.90
Final Drive Ratio	3.90 axle with limited-slip differential

### TRANSMISSION: 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: 8HP70 EIGHT-SPEED AUTOMATIC

Availability	Standard with 5.7-litre and 6.4-litre HEMI V8 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 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)

## ELECTRICAL SYSTEM

Alternator	160A — Standard
	180A — Optional
	220A — Standard (6.4-litre)
Battery	H7 Case, 625 CCA, maintenance-free

## STEERING

Type	Electric power steering (EPS)
Overall Ratio	12.3:1 ratio
Turning Diameter (curb-to-curb)	11.3 m (37.4 ft.) — 3.6-litre and 5.7-litre
	11.8 m (38.8 ft.) — 6.4-litre
Steering Turns (lock-to-lock)	2.62 — 3.6-litre and 5.7-litre
	2.56 — 6.4-litre

## 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
Rear	Five-link independent with coil springs, gas-charged monotube shock absorbers, stabilizer bar and isolated suspension cradle
Performance suspension	Standard on Challenger SXT, SXT Plus, and R/T
Super Track Pak Suspension	Standard on Challenger R/T Shaker and R/T models with Super Track Pak
High-performance Suspension	Standard on Challenger Scat Pack and Scat Pack Shaker

## BRAKES

mm (in.) unless otherwise noted

<b>Sport Brake Package</b>	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.)

<b>Performance Brake Package with Performance Brake Linings</b>	Standard on Challenger R/T Shaker, Scat Pack and Scat Pack Shaker Included with Super Track Pak on SXT, SXT Plus and R/T
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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.)

<b>Brembo High-performance Brake Package</b>	Standard on Challenger Scat Pack and Scat Pack Shaker
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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.)

Drag Coefficient (estimated)	0.337 Cd
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**DIMENSIONS AND CAPACITIES<sup>(a)</sup>**  
mm (in.) unless otherwise noted

Wheelbase	2,950.4 (116.2)
Track, Front	1,611 (63.4)
Track, Rear	1,620 (63.8)
Overall Length	5,027 (197.9)
Overall Width (with mirrors)	2,179 (85.8)
Overall Width (without mirrors)	1,923 (75.7)

Overall Height	1,460 (57.5)
Ground Clearance	131 (5.2)
Curb Weight (preliminary)	SXT — 1,735 kg (3,834 lb.) R/T — 1,852 kg (4,082 lb.)
Weight Distribution (per cent front/rear - preliminary)	SXT — 52.4/47.6 R/T — 54.3/45.7
Fuel Tank Capacity	70.0-litres (18.5 gal.)

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

## ACCOMMODATIONS

mm (in.) unless otherwise noted

Seating Capacity (front/rear)	2/3
Front	
Head Room	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	
Head Room	942 (37.1)
Legroom	840 (33.1)
Knee Clearance	4.4 (0.2)
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	P235/55R18 BSW all-season performance
Mfr. and model	Michelin Primacy MXM4
Revs per km (mile)	463 (744)

Availability	Standard on SXT Plus, R/T models Optional on SXT
Size and type	P245/45R20 BSW all-season performance
Mfr. and model	Firestone Firehawk GTV
Revs per km (mile)	449 (725)

Availability	Standard on R/T Shaker, Scat Pack and Scat Pack Shaker Included with Super Track Pak on SXT, SXT Plus, and R/T
Size and type	P245/45R20 BSW three-season high-performance
Mfr. and model	Goodyear Eagle F1
Revs per km (mile)	451 (725)

Availability	Optional on R/T Shaker, Scat Pack and Scat Pack Shaker Included with Super Track Pak on SXT, SXT Plus, and R/T
Size and type	P245/45R20 BSW all-season high-performance
Mfr. and model	Goodyear Eagle RSA
Revs per km (mile)	456 (733)

## WHEELS (in.)

Availability	Standard on Challenger SXT
Type and material	Satin Carbon aluminum
Size	18 x 7.5

Availability	Standard on SXT Plus and R/T
Type and material	Polished aluminum with Graphite pockets
Size	20 x 8

Availability	Included with Super Sport Group
Type and material	Polished aluminum
Size	20 x 8.0



Availability	Included in Super Track Pak Group
Type and material	Hyper Black aluminum
Size	20 x 8.0

Availability	Standard on Challenger 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 Scat Pack Shaker Included with Scat Pack Appearance Group
Type and material	Matte Black lightweight forged aluminum
Size	20 x 9.0

Availability	Optional on Scat Pack
Type and material	Hyper Black forged aluminum
Size	20 x 9.0

Availability	Packaged with R/T Shaker
Type and material	Polished aluminum with black pockets and satin finish
Size	20 x 8.0

Availability	Included with R/T Classic Appearance Package
Type and material	Classic polished forged aluminum
Size	20 x 8.0

