



DODGE CHALLENGER SRT8 392

Canadian Specifications

2013 Dodge Challenger SRT8[®] 392 CANADIAN SPECIFICATIONS

All dimensions are in millimetres (inches) unless otherwise noted.

All dimensions are measured at curb weight with standard wheels and tires unless otherwise noted.

NOTE: Information shown is correct at time of publication and is subject to change.

GENERAL INFORMATION

| | |
|-------------------------|-------------------------|
| Body Style | Two-door coupe |
| Assembly Plant | Brampton, Ontario |
| EnerGuide Vehicle Class | Full Size |
| Introduction Date | Fall 2010 as 2011 model |

ENGINE: 392 HEMI[®] V8 (6.4L)

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| Availability | Standard |
| Type and Description | 90-degree V-type, liquid-cooled |
| Displacement, cu. cm (cu. in.) | 6424 (392) |
| 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, multi-port, 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 | 470 bhp @ 6,000 rpm |
| Torque | 470 lb.-ft. @ 4,200 rpm |
| Max. Engine Speed | 6,400 rpm (electronically limited) |
| Fuel Requirement | Premium 91 octane (R+M)/2 — recommended |
| Oil Capacity | 6.6L (7 qt.) |
| Factory Oil Fill | 0W-40 Full Synthetic |
| Coolant Capacity, L (qt.) | 13.25 (14) |
| Emission Controls | Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features |
| Max. Gross Trailer Weight | Not rated for trailer-tow |
| EnerGuide Fuel Economy L/100 km (mpg) - City/Hwy | 15.0/8.7 (19/32) (automatic) 15.1/8.8 (19/32) (manual) |



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TRANSMISSION: W5A580 FIVE-SPEED AUTOMATIC

| | |
|-------------------|--|
| Availability | Standard |
| Description | Adaptive electronic control or driver-interactive manual control with Auto/Stick™ or paddle controls; with “Track” mode (features performance shifting and gear holding feature combined with “Sport” mode suspension damping rates) |
| Gear Ratios | |
| 1st | 3.59 |
| 2nd | 2.19 |
| 3rd | 1.41 |
| 4th | 1.00 |
| 5th | 0.83 |
| Reverse | 3.16 |
| Final Drive Ratio | 3.06 – Getrag limited-slip differential |
| Overall Top Gear | 2.54 |

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

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| Availability | Available |
| Description | Triple cone (1 st , 2 nd) / double cone (3 rd -6 th) synchronizer design; 1-4 skip shift and reverse inhibit solenoids; 5:1 remote shifter |
| Gear Ratios | |
| 1st | 2.97 |
| 2nd | 2.10 |
| 3rd | 1.46 |
| 4th | 1.00 |
| 5th | 0.74 |
| 6th | 0.50 |
| Reverse | 2.90 |
| Final Drive Ratio | 3.91 – Getrag limited-slip differential |

ELECTRICAL SYSTEM

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|------------|------------------------------------|
| Alternator | 220-amp |
| Battery | H7 case, 730 CCA, maintenance free |

DIMENSIONS AND CAPACITIES^(a)

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|------------------|--------------|
| Wheelbase | 2946 (116.0) |
| Track, Front | 1603 (63.0) |
| Track, Rear | 1604 (63.1) |
| Overall Length | 5023 (197.7) |
| Overall Width | 1923 (75.7) |
| Overall Height | 1449 (57.1) |
| Ground Clearance | 122 (4.8) |



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|-----------------------------------|---|
| Frontal Area, sq. m (sq. ft.) | 2.37 (25.6) |
| Drag Coefficient | 0.356 |
| Curb Weight, kg (lb.) | 1887 (4160) (automatic) 1891 (4170) (manual) |
| Weight Distribution, per cent F/R | 54.4/45.6 (automatic) 54.6/45.4 (manual) |
| Fuel Tank Capacity, L (gal.) | 72 (15.8) |

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

ACCOMMODATIONS

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| Seating Capacity, F/R | 2/3 |
| Front Seat | |
| Head Room | 999 (39.3) |
| Legroom | 1067 (42.0) |
| Shoulder Room | 1477 (58.2) |
| Hip Room | 1387 (54.6) |
| Seat Travel | Driver — 270 (10.6), passenger — 220 (8.7) |
| Recliner Angle Range, deg. | Driver — 64, passenger — 63 |
| Front Volume Index, L (cu. ft.) | 1580 (55.8) |
| Rear Seat | |
| Head Room | 950 (37.4) |
| Legroom | 829 (32.6) |
| Knee Clearance | 31.1 (1.2) |
| Shoulder Room | 1368 (53.9) |
| Hip Room | 1236 (48.6) |
| Rear Seat Volume Index, L (cu. ft.) | 1080 (38.1) |
| Total Interior Volume, L (cu. ft.) | 2591 (91.5) |
| Cargo Volume, L (cu. ft.) | 459 (16.2) |
| Interior Volume Index, L (cu. Ft.) | 3050 (107.7) |
| Trunk Lift-over Height | 839 (33.0) |

BODY

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|--------------|---|
| Layout | Longitudinal front engine, rear-wheel drive |
| Construction | Unitized steel body |

EXHAUST

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|------|--|
| Type | Dual 2.75-in.(70mm) with rectangular chromed tips and performance-tuned exhaust note |
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SUSPENSION

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| Type | SRT tuned three-mode adaptive damping system: "Auto" mode = sporty but compliant ride; "Sport" mode = firm, maximum handling; "Track" mode = firm, maximum handling plus performance shifting and gear holding feature |
| Front | Independent SLA with high upper "A" arm, coil spring over gas-charged monotube Bilstein shock absorbers and 30 mm stabilizer bar, lateral and diagonal lower links |
| Rear | Five-link independent with coil springs, link-type 16 mm stabilizer bar, gas-charged monotube Bilstein shock absorbers and isolated suspension cradle |

STEERING

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| Type | Rack and pinion with hydraulic power assist |
| Overall Ratio | 14.4:1 |
| Turning Diameter (curb-to-curb), m (ft.) | 11.48 (37.5) |
| Steering Turns (lock-to-lock) | 2.75 |
| P/S Pump | Fixed displacement |

TIRES^(b)

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|--------------------|-----------------------------|
| Front and Rear | Standard on Challenger SRT8 |
| Size and Type | 245/45ZR20 all-season |
| Mfr. and Model | Goodyear Eagle RSA |
| Revs per km (mile) | 456 (731) front and rear |
| Front | Optional on Challenger SRT8 |
| Size and Type | P245/45ZR20 three-season |
| Mfr. and Model | Goodyear F1 Supercar |
| Revs per km (mile) | 450 (726) |
| Rear | Optional on Challenger SRT8 |
| Size and Type | P255/45ZR20 three-season |
| Mfr. and Model | Goodyear F1 Supercar |
| Revs per km (mile) | 445 (718) |

(b) Other sizes and brands may also be used.

WHEELS

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|-------------------|--|
| Available | Standard on Challenger SRT8 392 |
| Type and Material | Five-spoke polished forged aluminum with black pockets |
| Size | 20 x 9 in. |
| Available | Optional on Challenger SRT8 392 |
| Type and Material | Split five-spoke, fully forged aluminum with Black Vapor chrome finish |
| Size | 20 x 9 in. |



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BRAKES

Front

| | |
|--------------------------------|--|
| Rotor Size and Type in. (mm) | 14.2 x 1.26 (360 x 32.0) vented and slotted |
| Caliper Size and Type in. (mm) | 1.73 (44) Brembo four-piston fixed with aluminum housing |
| Swept Area, sq. cm (sq. in.) | 2261 (351) |

Rear

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|--------------------------------|--|
| Rotor Size and Type in. (mm) | 13.8 x 1.10 (350 x 28) vented |
| Caliper Size and Type in. (mm) | 1.26 (32) Brembo four-piston fixed with aluminum housing |
| Swept Area, sq. cm (sq. in.) | 2036 (316) |

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| Four-wheel Anti-lock Brake System (ABS) and Traction Control | Standard |
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| Electronic Stability Control (ESC) and Brake Assist | Standard |
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| Brake Knockback Mitigation | Standard |
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| Hill-start Assist (HSA) | Standard with manual transmission |
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| Three-position ESC/Traction Control Mode Selection | Standard |
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| Power-assist Type | 8 + 9 (203 + 209) tandem-diaphragm vacuum booster |
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