

## 2012 Dodge Challenger SRT8<sup>®</sup> 392 Canadian Specifications

Dimensions are in millimetres (inches) 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<sup>®</sup> V8 (6.4 L)

Availability	Standard
Type and Description	90-degree V-type, liquid-cooled
Displacement	6,424 cu. cm (392 cu. in.)
Bore x Stroke	103.9 mm x 94.5 mm (4.09 in. x 3.72 in.)
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	6.62L (7 qt.)
Factory Oil Fill	5W-40 Synthetic
Coolant Capacity	13.25L (14 qt.)
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	15.6/9.2 (18/31) (automatic) 15.1/8.8 (19/32) (manual)

**TRANSMISSION: W5A580 FIVE-SPEED AUTOMATIC**

Availability	Standard
Description	Adaptive electronic control, performance-tuned Auto/Stick™ driver-interactive manual control and electronically modulated torque converter clutch
<b>Gear Ratios</b>	
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**

Availability	Available
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	2.97
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**

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

**DIMENSIONS AND CAPACITIES<sup>(a)</sup>**

Wheelbase	2,946 (116.0)
Track, Front	1,603 (63.0)
Track, Rear	1,604 (63.1)
Overall Length	5,023 (197.7)
Overall Width	1,923 (75.7)
Overall Height	1,449 (57.1)
Ground Clearance	122.2 (4.8)
Frontal Area, sq. m (sq. ft.)	2.37 (25.6)
Drag Coefficient	0.356
Curb Weight, kg (lb) Est.	1,887 (4,160) (automatic) 1,891 (4,170) (manual)
Weight Distribution, per cent F/R	54.4/45.6 (automatic) 54.6/45.4 (manual)
Fuel Tank Capacity, – L (imp. gal)	71.9 (15.8)

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

**ACCOMMODATIONS**

Seating Capacity, F/R	2/3
Front Seat	
Head Room	999 (39.3)
Legroom	1,067 (42.0)
Shoulder Room	1,477 (58.2)
Hip Room	1,387 (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)	1,580 (55.8)
Rear Seat	
Head Room	950 (37.4)
Legroom	829 (32.6)
Knee Clearance	31.1 (1.2)
Shoulder Room	1,368 (53.9)
Hip Room	1,236 (48.6)
Rear Seat Volume Index, L (cu. ft.)	1,080 (38.1)
Total Interior Volume, L (cu. ft.)	2,591 (91.5)
Cargo Volume, L (cu. ft.)	459 (16.2)
Interior Volume Index, L (cu. Ft)	3,050 (107.7)
Trunk Lift-over Height	839 (33.0)

**BODY**

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

## EXHAUST

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

## SUSPENSION

SRT-tuned Front and Rear Suspension	
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

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

## TIRES<sup>(b)</sup>

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

Standard	
Type and Material	Fully forged aluminum
Size	20 x 9 in.

## 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	2,261 sq. cm (351 sq. in.)

Rear

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	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 with manual transmission
Three-position ESC/Traction Control Mode Selection	Standard
Power-assist Type	8 + 9 (203 + 209) tandem-diaphragm vacuum booster

• • •