

LEGEND: S = Standard, O = Optional, P = Package, — = Not available

Complete package information is listed at the end of the Feature Availability section.

NOTE: Information shown is correct at time of publication and is subject to change without notice.

## 2009 Dodge Challenger SRT8® FEATURE AVAILABILITY

<b>SRT8®</b>	
<b>EXTERIOR</b>	
Colors: High Performance Red Clear Coat, HEMI® Orange, Bright Silver Metallic Clear Coat, and Brilliant Black Crystal Pearl Coat	O
B5 Blue Buzz Special Edition	P
Antenna—Integrated into rear window	S
Badging and stripes	
Challenger	S
SRT8	S
Dual hood stripe	S
Dual hood stripe delete	O
6.1-L HEMI®	S
Door Handles—Body color	S
Exhaust system	
Stainless steel high-performance with dual bright rectangular exhaust tips	S
Fuel filler door	
Bright, polished aluminum	S
Grille—Satin chrome surrounded with black field	S
Glass—Solar control, all windows	S
Headlamps	
Xenon, high-intensity discharge (HID)	S
Automatic	S
Fog lamps	S
Hood—Dual air scoops, functional	
Mirrors	
Power, body color, folding, heated	S
Rear spoiler, functional	
Black	S
Sun roof—Power with one-touch open/close and vent feature	O
Windshield wipers—Two-speed with variable intermittent mode	S
<b>INTERIOR</b>	
Air conditioning—Manual temperature control	S
Assist handles—Passenger	S
Cargo compartment dress-up—Trunk	S
Console—Floor, with fore-and-aft slide, cell phone storage, front and rear climate control outlets and 12-volt power accessory delay	S
Defroster—Rear window	S
Door locks—Power, speed-sensitive locking	S
Electronic Vehicle Information Center (EVIC)—With Performance Pages	S

	SRT8®
Floor covering—Carpet	S
Floor mats	
Luxury, front and rear	S
HomeLink universal home security system transceiver—Programmable, three-function with remote controls for garage door opener, interior/exterior home lighting or security devices	S
Interior accents—Satin silver lock knobs	S
Keyless Go—Push-button starter	S
Lighting	
Front map lamps for reading and rear courtesy lamps	S
Trunk lamp	S
LED illuminated cup holders	S
LED illuminated map pockets	S
Mirrors	
Rearview, day/night	S
Rearview, auto-dimming (included with uconnect phone and security alarm)	P
Sun visor	
Dual visor vanity, illuminated	S
Pedals—Non-adjustable	S
Power accessory—12-volt auxiliary power outlet located in center console	S
Remote keyless/illuminated entry system—Includes two transmitters	S
Remote Start—Automatic transmission only	P
Shift knob	
Leather-wrapped	S
Pistol grip (six-speed manual transmission only)	O
Speedometer	
180 miles-per-hour with electroluminescent display and tachometer	S
Steering column—Tilt/telescoping, manual	S
Steering wheel	
Leather-wrapped with accent stitching	S
Steering wheel-mounted audio and EVIC controls (included in Electronics Convenience Group)	S
Temperature display—Outside, located in instrument cluster (included in Electronics Convenience Group)	S
Seating	
SRT performance seats with exclusive premium leather trim and red stripe insert	S
Front	
Power adjustable, performance	S
Eight-way power driver's	S
Heated	S
Manual driver/passenger adjustable lumbar	S
Rear	
60/40 split-folding bench with armrest and two cup holders	S
Radios	
AM/FM radio with CD and MP3 capability	S
AM/FM radio with integrated six-disc CD changer with MP3 capability (included with SRT Option Group II)	P
uconnect gps AM/FM radio with CD changer, MP3 capability and GPS navigation system with 5.8-inch display screen and uconnect phone, Universal Consumer Interface (UCI), and real-time traffic updates	O

	<b>SRT8®</b>
SIRIUS Satellite Radio (included in Sound Group)	S
<b>Sound systems</b>	
Six Boston Acoustics® speakers with 276-watt digital amplifier (included with Sound Group)	S
Thirteen SRT high-performance KICKER® speakers (eight locations) with a 322-watt digital amplifier and 200-watt subwoofer amplifier (included with SRT Group II)	P
Windows—Power front one-touch auto down	S
<b>POWERTRAIN AND CHASSIS</b>	
6.1L SRT HEMI V-8 with six-speed manual transmission with TRACK PAK (Hill Start Assist (I), limited-slip differential, bright pedal covers, performance steering, ESP full-off switch)	O
6.1L SRT HEMI V-8 with five-speed automatic transmission with Auto Stick and limited-slip differential	S
Alternator—160-amp	S
Battery—625-amp, maintenance-free	S
Battery-saver feature—Enhanced, programmable to turn headlamps and other switched and non-switched interior lamps off after ignition is turned off	S
<b>Brakes</b>	
High-performance four-wheel disc anti-lock with vented 14-inch front and 13.8-inch rear discs; includes Brembo Performance four-piston calipers and all-speed traction control	S
Anti-lock Brake System (ABS)	S
Brake Assist	S
<b>Engine cooling</b>	
Severe-duty II	S
<b>Fuel tank</b>	
19-gallon with tethered cap	S
Speed control—Electronic with steering column-mounted controls	S
<b>Steering</b>	
Performance-tuned	S
<b>Suspension</b>	
SRT-tuned dampers, specially tailored spring rates and suspension bushings	S
Large diameter anti-sway bars	S
Modified front and rear knuckles	S
Tip start—Prevents ignition from over cranking (N/A with manual transmission)	S
Axle—Limited-slip differential	S
<b>Tires</b>	
Front—P245/45R20 Goodyear RSA four-season	S
Rear—P245/45R20 Goodyear RSA four-season	S
Front—P245/45R20 Goodyear F1 three-season	O
Rear—P255/45R20 Goodyear F1 three-season	O
TIREFIT System: tire sealant and electric compressor	S
<b>Wheels</b>	
20-inch SRT-exclusive, fully forged, polished aluminum	S
<b>SAFETY AND SECURITY</b>	
Air bags <sup>(a)</sup>	

	SRT8®
Advanced multi-stage for driver and front-passenger	S
Supplemental side-curtain for front and rear outboard occupants	S
LATCH Child Seat Anchor System—Mounts for two child seats in the rear help ease the installation of compatible aftermarket child seats	S
Electronic Stability Program (ESP)(b)—Tuned for SRT performance with brake knockback mitigation software	S
Seat belts—Three-point driver and front-passenger with traveling buckles and seat belt pretensioners; three-point lap/shoulder belts at all rear-seat positions	S
Security alarm (included in SRT Option Group I)	P
Sentry Key®—Anti-theft engine immobilizer	S
Tire pressure monitoring warning lamp	
Tire pressure monitoring display	S
uconnect phone—Includes auto-dimming rearview mirror (included with SRT Option Group I)	P
<p>(a) Certified to the federal regulation for automatic passenger occupant classification. Always use seat belts. Children 12 and under should always be in a back seat correctly using an infant or child restraint system, or the seat belt positioned correctly for the child's age and size. The Occupant Classification System (OCS) determines the conditions for activation or deactivation of the passenger-side front air bag based upon the weight of the occupant. It may not activate the air bag if the occupant has incorrect seating posture or is moving in the seat. You should observe the air bag lamp to determine if the OCS is deciding properly. Passengers should sit properly in the seat with the seat belt fastened at all times.</p>	
<p>(b) No system, no matter how sophisticated, can repeal the laws of physics or overcome careless driving actions. Performance is limited by available traction, which snow, ice and other conditions can affect. When the ESP warning lamp in the speedometer flashes, the driver needs to use less throttle and adapt speed and driving behavior to prevailing road conditions. Always drive carefully, consistent with conditions. Always wear your seat belt.</p>	

**PACKAGES**

<b>SRT Option Group I</b> —Includes auto-dimming rearview mirror with microphone, security alarm, uconnect phone, Remote Start (automatic only) and Universal Consumer Interface (UCI)	S
<b>SRT Option Group II</b> —Includes AM/FM six-disc DVD and MP3 capability, 13 KICKER® SRT high-performance audio speakers, 322-watt KICKER® SRT amplifier and 200-watt KICKER® SRT subwoofer	O
<b>Track Pak</b> —Includes six-speed manual transmission, Hill Start Assist, (3.91 with 20-inch wheels), ESP full-off switch and bright pedals (packaged with the manual transmission)	O
<b>B5 Blue Buzz Special Edition</b> —Includes specific "B5 Blue" exterior color, blue seat stripe insert and color-coded accent stitching in steering wheel	O
<b>SRT Track Experience</b> —Includes a one-day driving experience designed for SRT owners and performance enthusiasts to maximize their driving knowledge and skills on the street or track. All SRT owners and enthusiasts are eligible to participate in this day-long event held at selected tracks throughout the season with first-rate driving instruction from the professionals at the Richard Petty Racing School	S

## 2009 Dodge Challenger SRT8®

### SPECIFICATIONS

Dimensions are in inches (millimeters) unless otherwise noted.

#### GENERAL INFORMATION

Body Style	Coupe
Assembly Plant	Brampton, Ontario, Canada
EPA Vehicle Class	Intermediate car
Introduction Date	May 2008 as 2008 model

#### ENGINE: 6.1-LITER HEMI® V-8

Availability	Standard
Type and Description	90-degree V-type, liquid-cooled
Displacement	370 cu. in. (6059 cu. cm)
Bore x Stroke	4.06 x 3.58 (103.0 x 90.9)
Valve System	Pushrod-operated overhead valves, 16 valves, eight conventional hydraulic lifters, all with roller followers
Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	Deep-skirt cast-iron block with cross-bolted main bearing caps, aluminum alloy heads with hemispherical combustion chambers
Compression Ratio	10.3:1
Power (estimated SAE net)	425 bhp (317 kW) @ 6,200 rpm (69.8 bhp/L)
Torque (estimated SAE net)	420 lb.-ft. (569 N•m) @ 4,800 rpm
Max. Engine Speed	6,400 rpm (electronically limited)
Fuel Requirement	Premium 91 octane (R+M)/2—recommended
Oil Capacity	7 qt. (6.6L)
Factory Oil Fill	Mobil 1 10W-40 Synthetic
Coolant Capacity	14 qt. (13.25L)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features <sup>(a)</sup>
Max. Gross Trailer Weight	Not rated for trailer tow
EPA Fuel Economy mpg (City/Hwy)	Automatic—13/19 Manual— TBD

(a) Meets Federal Tier 2, Bin 5 emissions requirements; marketed in California as an LEV II (Low Emission Vehicle) under cleanest vehicle rules.

#### 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
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 axle with limited-slip differential
Overall Top Gear	2.54 – Getrag axle with limited-slip differential

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**TRANSMISSION: SIX-SPEED MANUAL TREMEC TR-6060 with ZF-SACHS 250 MM TWIN DISC CLUTCH**


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Availability	Optional
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	3.91 – Getrag axle with limited-slip differential

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**ELECTRICAL SYSTEM**


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Alternator	160-amp
Battery	H7 case, 625 CCA, maintenance-free

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


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Wheelbase	116.0 (2946)
Track, Front	63.0 (1603)
Track, Rear	63.1 (1604)
Overall Length	197.7 (5023)
Overall Width	75.7 (1923)
Overall Height	57.1 (1449)
Ground Clearance	4.8 (122.2)
Frontal Area, sq. ft. (sq. m)	25.3 (2.35)
Drag Coefficient	0.353
Curb Weight, lb. (kg)—Est.	TBD
Weight Distribution, percent F/R	55.6/44.4
Fuel Tank Capacity, gal. (L)	19 (71.9)

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

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**ACCOMMODATIONS**


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Seating Capacity, F/R	2/3
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<b>Front Seat</b>	
Head Room	39.3 (999)
Leg Room	42.0 (1067)
Shoulder Room	58.2 (1477)
Hip Room	54.6 (1387)
Seat Travel	Driver—10.6 (270), passenger—8.7 (220)
Recliner Angle Range, deg.	Driver—64, passenger—63
SAE Front Volume Index, cu. ft. (cu. m)	55.8 (1.58)
<b>Rear Seat</b>	
Head Room	37.4 (950)
Leg Room	32.6 (829)
Knee Clearance	1.2 (31.1)
Shoulder Room	53.9 (1368)
Hip Room	48.6 (1236)
SAE Rear Seat Volume Index, cu. ft. (cu. m)	38.1 (1.08)
Total Interior Volume, cu. ft. (cu. m)	91.5 (2.59)
SAE Cargo Volume, cu. ft. (cu. m)	16.2 (0.46)
EPA Interior Volume Index, cu. ft. (cu. m)	107.7 (3.05)
Trunk Liftover Height	33.0 (839)
<b>BODY</b>	
Layout	Longitudinal front engine, rear-wheel drive
Construction	Unitized steel body
<b>EXHAUST</b>	
Type	Dual with rectangular bright tip and image-tuned exhaust note
<b>SUSPENSION</b>	
SRT-tuned Front and Rear Suspension	
Front	Independent SLA with high upper "A" arm, coil spring over gas-charged monotube Bilstein shock absorbers and stabilizer bar, lateral and diagonal lower links
Rear	Five-link independent with coil springs, link-type stabilizer bar, gas-charged monotube Bilstein shock absorbers and isolated suspension cradle
<b>STEERING</b>	
Type	Rack and pinion with hydraulic power assist
Overall Ratio	16.1:1
Turning Diameter (curb-to-curb)	37.5 ft. (11.48 m)
Steering Turns (lock-to-lock)	2.75
P/S Pump	Fixed displacement; speed-sensitive

<b>TIRES<sup>(c)</sup></b>	
Standard	
Size and Type	245/45ZR20 all-season—front 245/45ZR20 all-season—rear
Mfr. and Model	Goodyear Eagle RS-A
Revs per Mile (km)	731 (456) front, 731 (456) rear
Optional	
Size and Type	P245/45ZR20 three-season—front P255/45ZR20 three-season—rear
Mfr. and Model	Goodyear F1 Supercar
Revs per Mile (km)	726 (450) front, 718 (445) rear
(c) Other sizes and brands may also be used.	

<b>WHEELS</b>	
Standard	
Type and Material	Fully forged aluminum
Size	20 x 9 in.

<b>BRAKES</b>	
Front	
Rotor Size and Type	14.2 x 1.26 (360 x 32.0) vented and slotted
Caliper Size and Type	1.73 (44) Brembo four-piston fixed with aluminum housing
Swept Area	351 sq. in. (2261 sq. cm)
Rear	
Rotor Size and Type	13.8 x 1.10 (350 x 28) vented
Caliper Size and Type	1.26 (32) Brembo four-piston fixed with aluminum housing
Swept Area	316 sq. in. (2036 sq. cm)
Four-wheel Anti-lock Brake System (ABS) and Traction Control	Standard
Electronic Stability Control and Brake Assist	Standard
Brake Knockback Mitigation	Standard
Hill Start Assist	Standard with manual transmission
Three-position ESP/Traction Control Mode Selection	Standard
Power Assist Type	8 + 9 (203 + 209) tandem-diaphragm vacuum booster