

2020 DODGE CHARGER PURSUIT Specifications

Specifications are based on the latest product information available at the time of publication.

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

All dimensions measured at curb weight with standard tires and wheels.

GENERAL INFORMATION

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|-------------------|---|
| Vehicle Type | E-segment sedan |
| Assembly Plant | Brampton Assembly Plant, Ontario, Canada |
| EPA Vehicle Class | Large car |
| Introduction Date | 2014 as a 2015 model (fleet customers only – www.fleet.chrysler.com) |

BODY AND CHASSIS

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| Layout | Longitudinal front engine, rear-wheel drive (RWD) or all-wheel drive (AWD) |
| Construction | Unitized steel body and aluminum hood |

ENGINE: 3.6-LITER PENTASTAR DOHC 24-VALVE V-6

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| Availability | Standard |
| Type and Description | 60-degree V-type, liquid-cooled |
| Displacement | 220 cu. in. (3,604 cu. cm) |
| Bore x Stroke | 3.78 x 3.27 (96.0 x 83.0) |
| 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 (SAE net) | 292 bhp (218 kW) @ 6,350 rpm (81.1 bhp/liter) |

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| Torque (SAE net) | 260 lb.-ft. (353 N·m) @ 4,800 rpm |
| Max. Engine Speed | 6,400 rpm (electronically limited) |
| Fuel Requirement | Unleaded regular, 87 octane (R+M)/2; and E-85 (Federal Bin 5, 37 state compliant) |
| Oil Capacity | 6 quarts (5.7 liters) with dry filter |
| Coolant Capacity | 14.0 quarts (13.25 liters) |
| Emission Controls | Dual three-way catalytic converters, heated oxygen sensors and internal engine features ^(a) |
| Max. Gross Trailer Weight | 1,000 lbs. (454 kg) |
| EPA Fuel Economy mpg (city/hwy) | 18/26 (RWD) |
| Engine Assembly Plant | Trenton South Engine Plant, Trenton, Michigan |

(a) Meets Federal Tier 2 Bin 5 emission requirements and ULEV II requirements in California, Massachusetts, New York, Maine, Vermont, Connecticut, Pennsylvania, Rhode Island, New Jersey, Oregon and Washington.

ENGINE: 5.7-LITER HEMI® V-8 WITH FUEL SAVER TECHNOLOGY

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| Availability | Optional |
| Type and Description | 90-degree V-type, liquid-cooled with variable-cam timing (VCT) |
| Displacement | 345 cu. in. (5,654 cu. cm) |
| Bore x Stroke | 3.92 x 3.58 (99.5 x 90.9) |
| 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 |
| Power (SAE net) | 370 bhp (276 kW) @ 5,250 rpm (64.9 bhp/liter) |
| Torque (SAE net) | 395 lb.-ft. (536 N·m) @ 4,200 rpm |
| Max. Engine Speed | 5,800 rpm (electronically limited) |

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| Fuel Requirement | Unleaded midgrade, 89 octane (R+M)/2 – recommended |
| | Unleaded regular, 87 octane (R+M)/2 – acceptable |
| Oil Capacity | 7 quarts (6.6 liters) |
| Coolant Capacity | 14.7 quarts (13.9 liters) |
| Emission Controls | Dual close-coupled three-way catalytic converters, quad heated oxygen sensors and internal engine features(b) |
| Max. Gross Trailer Weight | 1,000 lbs. (454 kg) |
| EPA Fuel Economy mpg (city/hwy) | 15/23 (AWD) |

(b) Meets Tier 2 Bin 4 emission requirements in all states.

TRANSMISSION: AUTOMATIC FIVE-SPEED OVERDRIVE WITH AUTO STICK

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| Availability | Standard |
| Description | Adaptive electronic control or 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 | Standard (RWD): 2.62 |
| | Standard (AWD): 3.07 |
| Overall Top Gear | Standard (RWD): 2.20 |
| | Standard (AWD): 2.55 |

ELECTRICAL SYSTEM

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| Alternator | 220-amp – standard |
| Battery | H8 Case, 800 CCA, maintenance-free |

SUSPENSION

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| 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 |
| | One piece lower-control arms – standard on Charger V-8 AWD model only |
| Rear | Five-link independent with coil springs, gas-charged load-leveling NIVOMAT rear shocks, stabilizer bar and isolated suspension cradle |

STEERING

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| Type | Rack and pinion |
| | Electric power steering (EPS) with RWD |
| | Electro hydraulic power steering (EHPS) with AWD |
| Overall Ratio | RWD: 14.4:1 |
| | AWD: 16.5:1 |
| Turning Diameter (curb-to-curb) | RWD: 37.7 ft. (11.5 m) |
| | AWD: 38.7 ft. (11.8 m) |
| Steering Turns (lock-to-lock) | RWD: 2.6 |
| | AWD: 3.1 |

DIMENSIONS AND CAPACITIES^(C)

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| Wheelbase | 120.2 (3,052) |
| Track, Front | 63.4 (1,611) |
| Track, Rear | 63.8 (1,620) |

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| Overall Length | 198.4 (5,040) |
| Overall Width | 75.0 (1,905) |
| Overall Height | Pursuit V-6 RWD – 58.4 (1,482) |
| Ground Clearance | Pursuit V-6 RWD – 5.1 (130.0) |
| | Pursuit V-8 AWD – 5.1 (130.0) |
| Frontal Area, sq. ft. (sq. m) | 26.2 (2.43) |
| Drag Coefficient (Cd) | RWD: 0.297 |
| | AWD: 0.297 |
| Curb Weight, lb. (kg) | Pursuit V-6 RWD – 4,091 (1,855.6) |
| | Pursuit V-8 AWD – 4,522 (2,051.1) |
| Gross Vehicle Weight Rating (GVWR) | Pursuit V-6 RWD – 5,250 (2,381) |
| | Pursuit V-6 RWD – 5,450 (2,472) (optional) |
| | Pursuit V-8 AWD – 5,500 (2,495) |
| Gross Axle Weight Rating (GAWR) | Pursuit V-8 AWD – 2,850 (1,295) |
| Weight Distribution, percent F/R | Pursuit V-6 RWD – 52/48 |
| | Pursuit V-8 AWD – 55/45 |
| Fuel Tank Capacity | 18.5 gallons (70.0 liters) |

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

BRAKES

Front

| | |
|-----------------------|--|
| Rotor size and type | 14.5 x 1.26 (370 x 32) vented |
| Caliper size and type | 1.77 (45) x dual-piston sliding with cast-iron housing |
| Swept area | 388 sq. in. (2,503.2 sq. cm.) |

Rear

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|-----------------------|--|
| Rotor size and type | 13.8 x 1.02 (350 x 26) vented |
| Caliper size and type | 1.78 (45) single-piston sliding with cast-iron housing |
| Swept area | 300 sq. in. (1,935.5 sq. cm.) |

ACCOMMODATIONS

Seating Capacity, F/R 2/3

Front

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|---------------|------------------------|
| Headroom | 38.6 (981) |
| Legroom | 41.8 (1,061) |
| Shoulder room | 59.5 (1,510) |
| Hip room | 56.2 (1,428) |
| Seat travel | Driver – 10.6 (270) |
| | Passenger – 8.66 (220) |

EPA front row interior volume,
cu. ft. (cu. m) 55.6 (1.573)

Rear Seat

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| Headroom | 36.6 (930.6) |
| Legroom | 40.1 (1,019) |
| Knee clearance | 3.9 (99) |
| Shoulder room | 57.9 (1,472) |
| Hip room | 56.1 (1,425) |
| EPA second row interior volume, cu. ft. (cu. m) | 49.2 (1,393) |
| Total Interior Volume, cu. ft. (cu. m) | 104.7 (2.97) |
| EPA Luggage Compartment Volume, cu. ft. (cu. m) | 16.5 (0.467) |

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|---|----------------------------------|
| EPA Interior Volume Index, cu. ft. (cu. m) | 121.2 (3.43) |
| Trunk Liftover Height | Pursuit V-6 (RWD) – 30.2 (766.0) |
| | Pursuit V-8 (AWD) – 30.1 (765.7) |

TIRES

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|--------------------|---|
| Availability | Standard |
| Size and type | P225/60R18 99V BSW All-season performance |
| Mfr. and model | Goodyear performance tires |
| Revs per mile (km) | 704 (437) |

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|--------------------|---|
| Availability | Optional |
| Size and type | P245/55R18 99W BSW All-season performance |
| Mfr. and model | Goodyear performance tires |
| Revs per mile (km) | 705 (438) |

WHEELS

| | |
|-------------------|---|
| Availability | Standard |
| Type and material | Steel wheel with chromed center cap or optional painted wheel cover |
| Size | 18 x 7.5 |

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