

## 2007 CADILLAC DTS SPECIFICATIONS

### Overview

|                         |   |
|-------------------------|---|
| Model:                  | Cadillac DTS  |
| Body style / driveline: | four-door, five- (front bucket seats) or six-passenger (front bench seat) large luxury sedan with front-wheel drive |
| Construction:           | body frame integral (BFI) structure, direct-mounted, double-isolated front cradle and powertrain mounting system    |
| Manufacturing location: | Detroit Hamtramck Assembly, Detroit   |

### Engine

|   |   |
|---|---|
| Type:   | <b>Northstar 4.6L V-8 (L37 &amp; LD8)</b>   |
| Displacement:   | 4565 cc (279 ci.)   |
| Bore x stroke:  | 93 x 84 mm  |
| Block material:   | cast aluminum   |
| Cylinder head material:                                 | cast aluminum   |
| Valvetrain:   | DOHC with 4 valves per cylinder   |
| Valve lifters:  | roller follower with hydraulic lash adjusters   |
| Ignition system:  | coil-on-plug cassette design with extended-life dual platinum-tipped spark plugs                            |
| Fuel delivery:  | sequential fuel injection   |
| Compression ratio:                                      | 10.0:1  |
| Horsepower (hp @ rpm):                                  | 292 @ 6300 rpm (L37)<br>275 @ 6000 rpm (LD8)  |
| Torque (lb.-ft. / Nm @ rpm):                            | 288 / 390 @ 4500 rpm (L37)<br>295 / 400 @ 4400 rpm (LD8)  |
| Maximum engine speed (rpm):                             | 6700 rpm  |
| Emissions controls:                                     | evaporative system, exhaust gas recirculation, positive crankcase ventilation, air injection reaction (AIR) |
| Estimated fuel economy (mpg city / highway / combined): | LD8: 17 / 25 / 23<br>L37: 17 / 24 / 23  |

## Transmission

|                    |   |
|--------------------|---|
|                    | <b>Hydra-Matic 4T80</b>   |
| Type:              | four-speed FWD electronically controlled automatic overdrive transaxle with electronically controlled torque converter clutch |
| Gear ratios (:1):  |   |
| First:             | 2.96  |
| Second:            | 1.63  |
| Third:             | 1.00  |
| Fourth:            | 0.68  |
| Reverse:           | 2.13  |
| Final drive ratio: | 3.11 (LD8) / 3.71 (L37)   |

## Chassis/Suspension

|  | <b>Luxury Packages</b>  | <b>Performance Package</b>  |
|--|---|---|
| <b>Front suspension:</b>   | Independent MacPherson strut-type w/ side-load compensation, 29 mm hollow stabilizer bar, L-shaped aluminum lower control arm, 80 mm hydraulic ride bushing, 24 N/mm spring | Independent MacPherson strut-type w/ side-load compensation, 29 mm hollow stabilizer bar, L-shaped aluminum lower control arm, 80 mm hydraulic ride bushing, 24 N/mm spring |
| <b>Rear suspension:</b>  | multi-link independent w/ coil springs and semi trailing arm, 18 mm hollow stabilizer bar, 48 mm diameter trailing arm bushing, monotube shocks, 28 N/mm spring             | multi-link independent w/ coil springs and semi trailing arm, 18 mm hollow stabilizer bar, 48 mm diameter trailing arm bushing, monotube shocks, 28 N/mm spring, standard   |
|  |   | Magnetic Ride Control   |
| 4-channel StabiliTrak w/ brake assist:<br>Luxury I – N/A<br>Luxury II & III – standard | 4-channel StabiliTrak w/ brake assist   |   |

|                 |   |   |
|-----------------|---|---|
| <b>Wheels</b>   | 17-inch base wheel – 7-spoke, machined:<br>Luxury I & II – standard<br>Luxury III – N/A | 18-inch, machined : standard; 18-inch, chrome: optional |
|                 | 17-inch base wheel – 7-spoke, chrome:<br>Luxury I & II – optional<br>Luxury III – N/A   |   |
|                 | 17-inch wheel – 9-spoke, chrome:<br>Luxury I & II – N/A<br>Luxury III – standard        |   |
| <b>Tyres</b>    | P235/55r17 S-rated ALS  | P245/50r18 H-rated AL3                                  |
| <b>Brakes</b>   | 4-wheel discs   | 4-wheel discs   |
|                 | front rotor: 323 x 30 mm vented w/low lateral runout                                    | front rotor: 323 x 30 mm vented w/low lateral runout    |
|                 | rear rotor: 292 x 12 mm   | rear rotor: 292 x 12 mm                                 |
|                 | 4-channel ABS/TCS w/ DRP  | 4-channel ABS/TCS w/ DRP                                |
|                 | front caliper: cast iron dual piston  | front caliper: cast iron dual piston                    |
|                 | rear caliper: cast aluminum single piston   | rear caliper: cast aluminum single piston               |
| <b>Steering</b> | magnetic variable assist rack and pinion  | magnetic variable assist rack and pinion                |
| Ratio:          | 14.2:1 – 2.2 turns lock-to-lock   | 14.2:1 – 2.1 turns lock-to-lock                         |
| Turn diameter:  | 42 ft. (17-inch wheels/tyres)   | 44 ft. (18-inch wheels/tyres)                           |
| Fuel system:    | returnless with blow-molded multi-layer composite tank                                  | returnless with blow-molded multi-layer composite tank  |
| Exhaust:        | dual, stainless steel   | dual, stainless steel                                   |

## Dimensions

### Exterior

|                      |   |
|----------------------|---|
| Wheelbase (in / mm): | 115.6 / 2936                            |
| Length (in / mm):    | 207.6 / 5274                            |
| Height (in / mm):    | 57.6 / 1464                             |
| Width (in / mm):     | 74.8 / 1901                             |
| Track (in / mm):     | front: 62.5 / 1588<br>rear: 61.7 / 1567 |

## Interior

|                          |   |
|--------------------------|---|
| Legroom (in / mm):       | front: 42.5 / 1079<br>rear: 41.6 / 1056                                   |
| Shoulder room (in / mm): | front: 60 / 1524<br>rear: 59.2 / 1504                                     |
| Hip room (in / mm):      | front: 56.9 / 1455<br>rear: 56.7 / 1440                                   |
| Headroom (in / mm):      | front: 38.3 / 973 w/sunroof<br>39.2 / 997 w/o sunroof<br>rear: 38.6 / 981 |

## Capacities

|                                |             |
|--------------------------------|-------------|
| EPA total volume (cu ft / L):  | 132 / 3738  |
| EPA trunk volume (cu ft / L):  | 18.8 / 532  |
| Trailer towing max. (lb / kg): | 1000 / 454  |
| Fuel tank (gal / L):           | 18.5 / 70   |
| Seating capacity (5 / 6):      | 2-3 / 3-3   |
| Cooling system (qt / L):       | 12.5 / 11.8 |
| GVWR (lb / kg):                | 5347 / 2425 |
| Base curb weight (lb / kg):    | 4009 / 1818 |