

BMW Canada Inc. Product Guide 2010



5 Series Touring

535i xDrive



**The Ultimate
Driving Experience®**

2010 - 5 Series Touring

Technical Specifications

| | 535i xDrive |
|----------------------------|--------------------|
| Dimensions (mm) | |
| Length/Width/Height | 4871 / 1846 / 1491 |
| Wheelbase | 2886 |
| Turning circle (m) | 11.9 |
| Track, front/rear | 1558 / 1581 |
| Interior width, front/rear | 1456 / 1454 |
| Headroom, front/rear | 992 / 994 |
| Luggage capacity (L) | 500 - 1650 |
| Leg room, front/rear | 1054 / 914 |
| Fuel capacity (L) | 70 |

| | |
|--------------------------------|-------------|
| Weight (kg) | |
| Curb weight, man/auto | 1860 / 1880 |
| Weight distribution, front (%) | 49.2 |
| Weight distribution, rear (%) | 50.8 |
| Max. gross weight, man/auto | 2400 / 2420 |
| Max. payload | 540 |
| Max. axle load, front/rear | 1080 / 1300 |
| Max. roof load | 100 |

| | |
|--------------------------|-------------------------|
| Engine | |
| Type | Twin Turbo DOHC I-6 24V |
| Engine management system | Siemens MSD80 |
| Displacement (cm³) | 2979 |
| Bore and stroke (mm) | 84.0 x 89.6 |
| Power (SAE hp @ rpm) | 300 @ 5800 |
| Torque (lb/ft @ rpm) | 300 @ 1400 |
| Compression ratio | 10.2 |
| Fuel grade | Premium unleaded |



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| | 535i xDrive |
|-----------------------|----------------------------|
| Drivetrain | |
| Drive configuration | Front engine xDrive AWD |
| Transmission type | 6-M / 6-A |
| Gear ratios, man/auto | |
| - 1 st | 4.06 / 4.17 |
| - 2 nd | 2.40 / 2.34 |
| - 3 rd | 1.58 / 1.52 |
| - 4 th | 1.19 / 1.14 |
| - 5 th | 1.00 / 0.87 |
| - 6 th | 0.87 / 0.69 |
| - Reverse | 3.68 / 3.40 |
| - Final drive ratio | 3.08 / 3.48 |

| | |
|----------------------------------|-------------------------|
| Body / Suspension | |
| Steering Type | Rack & Pinion |
| Steering Ratio | 13.7 |
| Braking system | 4 channel ABS |
| Front brake type / diameter (mm) | Ventilated disc / 348 |
| Rear brake type / diameter (mm) | Ventilated disc / 345 |
| Suspension, front | Double pivot strut type |
| Suspension, rear | Integral 4-link |
| Drag coefficient | 0.33 |
| Tire size, front | 225/50 R 17 |
| Wheel size, front | 7.5J x 17 |
| Tire size, rear | 225/50 R 17 |
| Wheel size, rear | 7.5J x 17 |

| | |
|--------------------------------|------------|
| Electrical | |
| Battery capacity (amp-hrs) | 110 |
| Alternator output (amps/watts) | 185 / 2520 |

| | |
|--|-----------|
| Performance | |
| Top speed, electronically limited (km/h) | 240 |
| Acceleration 0-100 km/h, man/auto (sec.) | 6.0 / 6.1 |

| | |
|------------------------------|-------------|
| Fuel Consumption* | |
| City, man/auto (L/100km) | 13.5 / 12.8 |
| Highway, man/auto (L/100km) | 8.5 / 8.2 |
| Combined, man/auto (L/100km) | 11.2 / 10.7 |

*based on MY08 Transport Canada test parameters



2010 - 5 Series Touring

Features & Amenities

| | 535i xDrive |
|--------------------|---|
| Technical Features | Technical |
| | Inline 6-cylinder engine, 24 valves, 3.0 L, 300hp |
| | Twin Turbochargers |
| | 6-speed automatic transmission |
| | Servotronic, vehicle speed-sensitive power steering |
| | Electronically controlled engine cooling |
| | xDrive, all-wheel-drive system with variable torque split |
| | Front and rear anti-roll (stabilizer) bars |
| | Fully electronic "drive-by-wire" throttle system |
| | Compact Spare Tire |
| | Vented disc brakes, front & rear |
| | Self-adjusting clutch (SAC) |
| | Start/Stop button |
| | Efficient Dynamics |
| | Lightweight aluminum/steel body |
| | Low-weight aluminum front end |
| | High Precision Injection (direct injection) |
| | Double VANOS steplessly variable valve timing |

| | |
|---------------------|---|
| Safety & Protection | Lighting |
| | Adaptive Brakelights |
| | Adaptive Headlights |
| | Automatic Headlights |
| | Halogen free-form foglights |
| | Headlight Washers |
| | Third brake light integrated into rear window |
| | Xenon headlights, low and high-beam with luminous corona rings |
| | Active Safety |
| | Dynamic Stability Control (DSC-X), with extended functionality |
| | - Automatic Differential Brake (ADB-X), included in DSC-X |
| | - Dynamic Brake Control (DBC), included in DSC-X |
| | - Dynamic Traction Control (DTC), included in DSC-X |
| | - Electronic Brake force distribution (EBD) |
| | - Hill Descent Control (HDC), included in DSC-X |
| | Anti-Lock Braking System (ABS) |
| | Car/Key memory |
| | Follow-me-home function |
| | Heated exterior mirrors, electrically adjustable |
| | Heated windshield washer jets |
| | Tire pressure warning |
| | Rain sensing windshield wipers, vehicle speed-sensitive |
| | Airbags |
| | Advanced Head Protection System (AHPS), front and rear |
| | Front airbags for driver and passenger, including occupant detector |
| | Side thorax airbags for driver and front passenger |
| | SMART airbag deployment system |
| | Passive Safety |
| | Active front headrests |
| | Battery Safety Terminal (BST) |
| | Collapsible tube crash technology |
| | Crash sensor (incl. fuel cutoff, lights on and door unlock) |
| | Crumple zones front & rear |
| | Interlocking door anchoring system |
| | Rear headrests (3), outer positions adjustable |
| | Rear 3-point centre safety belt |
| | Safety belt force limiters |
| | Safety belt pyrotechnical tensioning system front |
| | Side impact protection door reinforcements |
| | Vehicle Protection |
| | Alarm system with interior motion sensor |
| | Central remote locking, including fuel filler door |
| | Coded driveway protection |
| | Multi-function remote control, self-charging |

■ Standard

2010 - 5 Series Touring

Features & Amenities

| | | 535i xDrive |
|-------------------|---|-------------|
| Exterior Features | Exterior | |
| | Auto-dimming exterior mirrors, power folding | ■ |
| | Comfort Access | ■ |
| | Exterior mirrors in body colour, blue tinted | ■ |
| | Front chrome grille with chrome-plated kidney bars | ■ |
| | Metallic or non-metallic paint | ■ |
| | Power Tailgate with soft close automatic system | ■ |
| | Rear window and tailgate separate opening | ■ |
| | Roof rails plus rear window wipe & washer | ■ |
| | Side window frame trim, chrome-plated | ■ |
| | Twin exhaust tips, chrome-plated | ■ |
| | White turn signal indicator lenses | ■ |
| Interior Features | Comfort & Convenience | |
| | Armrest, centre front with storage and climate controlled | ■ |
| | Armrest, centre rear with storage | ■ |
| | Auto-dimming interior mirror | ■ |
| | BMW ambiance lighting | ■ |
| | Central lock switch | ■ |
| | Cruise Control | ■ |
| | Cupholders, integrated in front fascia and rear armrest | ■ |
| | Door entry sills with "BMW", chrome-plated | ■ |
| | Electrically adjustable seats with driver memory | ■ |
| | Front seatback storage nets | ■ |
| | Fully finished trunk with tool kit | ■ |
| | Heated steering wheel | ■ |
| | Interior electric trunk release | ■ |
| | Lights package; includes door handle, front footwell and entry lights | ■ |
| | Multi-function leather sport steering wheel, 3-spoke | ■ |
| | Panorama glass sunroof, electrically adjustable | ■ |
| | Sun visors with illuminated vanity mirrors, including slide cover | ■ |
| | Tilt/telescopic steering wheel, power with auto tilt-up | ■ |
| | Through load with Ski Bag | ■ |
| | Window lifts electric, anti-trap and comfort open/close | ■ |
| | 12 V socket in luggage compartment | ■ |
| | Seating | |
| | Front seats, 10-way power adjustable including headrest | ■ |
| | Heated front seats, 3 stage | ■ |
| | Upholstery: Dakota Leather | ■ |
| | Climate Control | |
| | Dual zone automatic climate control with micro filter & solar sensor | ■ |
| | Automatic air recirculation function | ■ |
| | Residual heat and max A/C functions | ■ |
| | Entertainment | |
| | Anti-theft AM/FM tuner with RDS | ■ |
| | Auxiliary input, in front armrest storage compartment | ■ |
| | CD player, in-dash with MP3 capability | ■ |
| | HiFi 10-speaker sound system, including 2 subwoofers | ■ |
| | Pre-wiring for SIRIUS Satellite Radio Tuner | ■ |
| | 4-channel FM diversity antenna system | ■ |
| | Communication | |
| | Bluetooth® Wireless Technology | ■ |
| | BMW Assist with 1 year Safety and Security subscription | ■ |
| | - Advanced Automatic Collision Notification | ■ |
| | - Customer Relations Function | ■ |
| | - Destination Download (Advanced Concierge) | ■ |
| | - Emergency Request | ■ |
| | - Enhanced BMW Roadside Assistance | ■ |
| | - Remote Door Unlock | ■ |
| | - Stolen Vehicle Recovery | ■ |
| | Instrumentation | |
| | Check control vehicle monitor system, extended functions | ■ |
| | Condition Based Service (CBS) display, integrated in iDrive | ■ |
| | iDrive system | ■ |
| | On-board computer, 8 functions | ■ |
| | Six programmable memory keys | ■ |

■ Standard

All specifications subject to change without prior notice.

2010 - 5 Series Touring
Wheels & Tires

Standard

535i xDrive



V-Spoke - Style 277
7.5J x 17
225/50 R 17
All Season Tires

2010 - 5 Series Touring Paint, Upholstery & Trims

| Model | Upholstery | Colour | Standard Seat | Sport Seat | Comfort Seat | Key Number | Metallic Paint | | | | Non-Metallic Paint | Interior Trim | |
|-------------|----------------|---------------|---------------|------------|--------------|------------|-----------------|----------------|-------------|------------|--------------------|-------------------------|-------------------|
| | | | | | | | Titanium Silver | Black Sapphire | Monaco Blue | Space Grey | | Poplar Grain High-Gloss | Anthracite Bamboo |
| | | | | | | | 354 | 475 | A35 | A52 | 300 | 438 | 4BY |
| 535i xDrive | Dakota Leather | Cream Beige | X | X | X | LCGE | - | X | X | X | X | S | O |
| | | Natural Brown | X | X | X | LCNG | X | X | X | X | X | S | O |
| | | Black | X | X | X | LCSW | X | X | X | X | X | S | O |

X = Perfect Match

S = Standard
O = Optional
N/A = Not Available

2010 - 5 Series Touring

Colour linked parts

| | Dakota Leather | | |
|---------------------------------------|--------------------------|----------------------------|--------------------|
| | Cream Beige LCGE | Natural Brown LCNG | Black LCSW |
| Seat centre parts | Cream Beige ^L | Natural Brown ^L | Black ^L |
| Seat side panels | Cream Beige ^L | Natural Brown ^L | Black ^L |
| Headrests | Cream Beige ^L | Natural Brown ^L | Black ^L |
| Rear of seat back | Cream Beige | Natural Brown | Black |
| Seat rail covers | Cream Beige | Black | Black |
| Door panels | Cream Beige | Black | Black |
| Inserts in door panels | Cream Beige | Natural Brown | Black |
| Instrument panel upper trim section | Black | Black | Black |
| Instrument panel lower trim section | Cream Beige | Black | Black |
| Centre armrest | Cream Beige ^L | Natural Brown ^L | Black ^L |
| Centre console | Cream Beige ^L | Natural Brown ^L | Black ^L |
| Gearshift lever/selector lever spider | Chrome pearl-gloss | Chrome pearl-gloss | Chrome pearl-gloss |
| Gearshift lever gaiter | Cream Beige ^L | Natural Brown ^L | Black ^L |
| Handbrake lever gaiter | Cream Beige ^L | Natural Brown ^L | Black ^L |
| Floor carpet | Cream Beige | Black | Black |
| Roof liner | Cream Beige | Sky Grey | Sky Grey |
| Sun Visors | Cream Beige | Sky Grey | Sky Grey |
| Luggage compartment cover | Cream Beige | Black | Black |

^L - Items in Leather

| Model Code | Car Model | Retail | Restrictions |
|-------------|--|-----------|-------------------|
| PT73 | 535i xDrive Touring with 6 Speed Automatic Transmission | \$71,000 | Start Date 03/09 |
| Option Code | Packages | Retail | Restrictions |
| ZCB | Executive Edition Package | \$3,500 | MANDATORY PACKAGE |
| 319 | Universal Garage Door Opener | | |
| 456 | Comfort Seats | | |
| 508 | Park Distance Control | | |
| 609 | BMW On-Board Navigation | | |
| 620 | Voice Control | | |
| 655 | SIRIUS Satellite Radio Tuner | | |
| 6FL | USB Audio Integration | | |
| 752 | BMW Individual Audio System with Dirac Live™ | | |
| Option Code | Optional Equipment | Retail | Restrictions |
| CODE | Metallic Paint | No Charge | |
| CODE | Dakota Leather | No Charge | |
| ZCG | 6 Speed Manual Transmission | No Charge | |
| 4BY | Anthracite Bamboo Trim | No Charge | |
| ZSP | Special Orders | \$400 | |
| | Administrative fee for ordering special colours, interiors or equipment. | | |

PRICES AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE
 PRICES AT DATE OF DELIVERY WILL APPLY
 LOCAL FREIGHT AND RETAILER PREPARATION ARE NOT INCLUDED
 RETAILERS MAY SELL FOR LESS