

5 Series Sedan
M5



The Ultimate
Driving Experience.®



2018MY PRODUCT GUIDE.

Technical Data
M5 Sedan (F90)

| | | M5 |
|--|--------------------|------------------------|
| Engine type | | S63B44T4 |
| Transmission type | | automatic |
| Seats | -- | 5 |
| Number of Doors | -- | 4 |
| drive type | -- | AWD |
| Length | mm | 4966 |
| Width | mm | 1903 |
| Height | mm | 1473 |
| Width inc. mirrors | mm | 2126 |
| Width incl.mirror driver | mm | 1057 |
| Width incl.mirror passengers side | mm | 1069 |
| Wheelbase | mm | 2982 |
| Overhang front | mm | 871 |
| Rear overhang | mm | 1113 |
| Turning circle | m | 12.6 |
| Ground clearance | mm | 132 |
| Shoulder width front | mm | 1490 |
| Shoulder room rear | mm | 1420 |
| Elbow width front | mm | 1523 |
| Elbowroom rear | mm | 1487 |
| effective legroom front | mm | 1052 |
| effective legroom rear | mm | 928 |
| Max. headroom front | mm | 1034 |
| Maximum headroom rear | mm | 977 |
| Headroom front/SR | mm | 996 |
| Maximum headroom second | mm | 954 |
| Knee clearance | mm | 90 |
| Luggage volume | m ³ | 0.53 |
| Approach angle front | ° | 12.6 |
| Departure angle rear | ° | 16.2 |
| Ramp angle | ° | 10.5 |
| Axle clearance front | mm | 137 |
| Axle clearance rear | mm | 148 |
| climbing ability starting | % | 32 |
| Fuel tank capacity (approx.) series | liter | 76 |
| Curb weight (without driver) | kg | 1982 |
| rear Weight distribution (empty car) | % | 45.3 |
| Gross veh. weight | kg | 2440 |
| Payload | kg | 420 |
| Axle load limit front | kg | 1216 |
| rear axle load limit | kg | 1261 |
| US Roof load | kg | 100 |
| Engine type | -- | S63B44T4 |
| Cylinders | -- | 8 |
| Valves p.cyl. | -- | 4 |
| Stroke | mm | 88.3 |
| Bore | mm | 89 |
| Displacement | cm ³ | 4395 |
| Compression rate | :1 | 10 |
| Engine power [bHP] | bHP | 600 |
| at rpm | 1/min | 5700-6600 |
| Engine torque | ft lbs | 553 |
| at rpm | 1/min | 1800-5700 |
| Fuel type | -- | gasoline |
| Useable Fuel quality | -- | AKI 87 MIN |
| recomm. | -- | AKI 93 |
| Engine oil (filling quantity) | liter | 10 |
| Output per litre | kW/dm ³ | 101.7 |
| Power to weight ratio | kg/kW | 4.4 |
| Transmission type | -- | M8HP75 |
| Transmission type | -- | automatic transmission |
| Gear ratios 1st gear | -- | 5 |
| 2nd | -- | 3.2 |
| 3rd | -- | 2.143 |
| 4th | -- | 1.72 |
| 5th | -- | 1.313 |
| 6th | -- | 1 |
| 7th | -- | 0.823 |
| 8th | -- | 0.64 |
| Reverse gear | -- | -3.478 |
| Final drive ratio | -- | 3.154 |
| Power-steering | -- | EPS |
| Steering transmission, overall | :1 | 14.3 |
| Front tyres | -- | 275/35 ZR20 102Y XL |
| Front rims | -- | 9.5J x 20 |
| Rear tyres | -- | 285/35 ZR20 104Y XL |
| Rear rims | -- | 10.5J x 20 |
| Track front | mm | 1622 |
| Track rear | mm | 1594 |
| Wheel offset front | mm | 28 |
| Wheel offset rear | mm | 28 |
| Run flat tyres | -- | no |
| A | m ² | 2.44 |
| Cx | -- | 0.31 |
| Air resistance | m ² | 0.76 |
| Top speed | km/h | 250 |
| Top speed (M Driver's Package) | km/h | 305 |
| 0-100Km/h | s | 3.4 |
| 0-400m | s | 11.3 |
| Emission classification (type-certified) | -- | ULEV125 |
| SCR (Yes/No) | -- | No |
| Battery Capacity (low voltage) | Ah | 70 |
| System voltage (low voltage) | V | 12 |

Wheel Overview

Model Year 2018

M5

Effective: 01/01/18

M5 Sedan



Code: 22B
Style: 706M

20" M Lt/Aly Wheel, Double-Spoke
706 M Bicolour, Perf. Non-RFT

Front:
20x9.5, 275/35 R20
Rear:
20x10.5, 285/35 R20

Standard



Code: 2AQ
Style: 706M

20" M Lt/Aly Wheel, Double-Spoke
706 M Black, Perf. Non-RFT

Front:
20x9.5, 275/35 R20
Rear:
20x10.5, 285/35 R20

Optional
ZDR

Retail Pricing

Model Year 2018

M5

Effective: 01/01/18

CA Model Code 18M5
 AG Model Code JF03
 Start of Production 11/17
 Base Price \$113,300

M5 Sedan

| | Non-Metallic | STD |
|------|--|---------|
| 300 | Alpine White | |
| | Metallic | NC |
| 475 | Black Sapphire Metallic | |
| B41 | Singapore Grey Metallic | |
| C1G | Snapper Rocks Blue Metallic | |
| C1K | Marina Bay Blue Metallic | |
| C28 | Donington Grey Metallic | |
| C2Y | Bluestone Metallic | |
| S34 | Azurite Black Metallic | \$1,450 |
| X08 | Champagne Quartz Metallic | \$1,450 |
| X14 | Almandine Brown Metallic | \$1,450 |
| X17 | Rhodonite Silver Metallic | \$1,450 |
| | Upholstery | |
| | Extended Merino Leather | NC |
| LKA9 | Silverstone Extended Merino Leather | |
| LKD8 | Aragon Brown/Black Extended Merino Leather | |
| LKSW | Black Extended Merino Leather | |
| | Full Merino Leather | \$4,900 |
| X3A9 | Silverstone Full Merino Leather | |
| X3D8 | Aragon Brown/Black Full Merino Leather | |
| X3SW | Black Full Merino Leather | |
| | BMW Individual Full Merino | \$5,900 |
| ZBCR | Caramel Full Merino Lthr | |
| ZBFU | Smoke White Full Merino Lthr | |
| ZBTQ | Tartufo Brown Full Merino Lthr | |
| | Packages | |
| Z5I | Premium Package | \$6,500 |
| ZC5 | Advanced Driver Assistance Package | \$1,500 |
| ZDR | M Frozen Optics Package | \$4,500 |
| | Z2X - Frozen Dark Brown | NC |
| | Z3K - Frozen Arctic Grey | NC |
| | ZSG - Frozen Dark Silver | NC |
| | ZSV - Frozen Cashmere Silver | NC |
| | Options | |
| 1MA | M Sport Exhaust System | \$1,500 |
| | Included in package | ZDR |
| 1MD | M Carbon Engine Cover | \$1,200 |
| | Included in package | ZDR |
| 2AQ | 20" M Lt/Aly Wheel, Double-Spoke 706 M Black, Perf. Non-RFT (20x9.5, 275/35 R20 front and 20x10.5, 285/35 R20 rear) | \$500 |
| | Included in package | ZDR |
| 2NK | M Carbon Ceramic Brake | \$9,500 |
| 403 | Glass Sunroof | NC |
| 4GQ | M Seat Belts | \$400 |
| 4LF | Ridge Wood Trim w/Satin Chrome Highlight | NC |
| 4ML | BMW Individual - Piano Black Wood Trim w/Satin Chrome Highlight | \$400 |
| 4NM | Ambient Air Package | \$400 |
| 4UY | Ski And Snowboard Bag | \$250 |
| 4WN | Aluminum Carbon Trim w/Pearl Chrome Highlight | NC |
| 4WY | BMW Individual Plum Brown Wood Trim w/Satin Chrome Highlight | \$400 |
| 6F1 | Bowers and Wilkins Diamond Surround Sound System | \$4,900 |
| 6FH | Rear Entertainment System | \$2,500 |
| 6UK | Night Vision w/pedestrian det. | \$2,500 |
| 7ME | M Driver's Package | \$2,800 |
| XEW | BMW Individual - Sen Light Brown Wood Trim | \$400 |
| Z2X | Frozen Dark Brown | \$2,000 |
| | In combination with ZDR | NC |
| Z3K | Frozen Arctic Grey | \$2,000 |
| | In combination with ZDR | NC |
| ZED | European Delivery | NC |
| ZSG | Frozen Dark Silver | \$2,000 |
| | In combination with ZDR | NC |
| ZSP | Special Order | \$400 |
| ZSV | Frozen Cashmere Silver | \$2,000 |
| | In combination with ZDR | NC |

Product Configuration

Model Year 2018

M5

Effective: 01/01/18

M5 Sedan

CA Model Code
AG Model Code
Start of Production

18M5
JF03
11/17

Options

| | | |
|-----|--|------|
| 1CC | Automatic Start/Stop function | STD |
| 1CD | Brake Energy Regeneration | STD |
| 1MA | M Sport Exhaust System | x |
| | Included in package | ZDR |
| 1MD | M Carbon Engine Cover | x |
| | Included in package | ZDR |
| 223 | Dynamic Damper Control | STD |
| 22B | 20" M Lt/Ally Wheel, Double-Spoke 706 M Bicolour, Perf. Non-RFT (20x9.5, 275/35 R20 front and 20x10.5, 285/35 R20 rear) | 100% |
| 248 | Heated Steering Wheel | 100% |
| 2AQ | 20" M Lt/Ally Wheel, Double-Spoke 706 M Black, Perf. Non-RFT (20x9.5, 275/35 R20 front and 20x10.5, 285/35 R20 rear) | x |
| | Included in package | ZDR |
| 2NK | M Carbon Ceramic Brake | x |
| 2TB | Sport Auto Trans w/Paddles | STD |
| 2VB | Tire Pressure Monitor | STD |
| 2VC | Tire Repair Kit | STD |
| 302 | Alarm System | STD |
| 316 | Automatic Trunk | |
| | Included in package | Z5I |
| 319 | Universal Remote Control | 100% |
| 322 | Comfort Access | 100% |
| 323 | Soft Close Doors | |
| | Included in package | Z5I |
| 3AG | Rear View Camera | 100% |
| 3DS | BMW Display Key | |
| | Included in package | Z5I |
| 403 | Glass Sunroof | x |
| 416 | Side and Rear Sunshades | |
| | Included in package | Z5I |
| 423 | Velour Floor Mats | 100% |
| 431 | Auto Dimming Interior Mirror | STD |
| 453 | Ventilated Seats | |
| | Included in package | Z5I |
| 459 | Electric Seats w/ Driver Mem. | STD |
| 465 | Through Loading System | 100% |
| 488 | Lumbar Support | 100% |
| 4GQ | M Seat Belts | x |
| 4HA | Seat Heating, Front and Rear | 100% |
| 4LF | Ridge Wood Trim w/Satin Chrome Highlight | x |
| 4M8 | BMW Individual Reading Lights | |
| | Included in package | Z5I |
| 4MA | M Multifunction Seats | 100% |
| 4ML | BMW Individual - Piano Black Wood Trim w/Satin Chrome Highlight | x |
| 4NB | Auto 4-Zone Climate Control | 100% |
| 4NM | Ambient Air Package | x |
| 4T7 | Massage Function for Driver and Passenger | |
| | Included in package | Z5I |
| 4T8 | Auto-Dimming Exterior Mirrors | STD |
| 4U1 | Ceramic Controls | |

Product Configuration

Model Year 2018

M5

Effective: 01/01/18

M5 Sedan

CA Model Code 18M5
 AG Model Code JF03
 Start of Production 11/17

| | | |
|-----|--|------|
| | Included in package | Z5I |
| 4UR | Ambient Lighting | STD |
| 4UY | Ski And Snowboard Bag | x |
| 4WM | Aluminum Carbon Trim w/Dark Chrome Highlight | 100% |
| 4WN | Aluminum Carbon Trim w/Pearl Chrome Highlight | x |
| 4WY | BMW Individual Plum Brown Wood Trim w/Satin Chrome Highlight | x |
| 508 | Park Distance Control, front and rear | STD |
| 534 | Automatic Climate Control | STD |
| 544 | Dynamic Cruise Control | STD |
| 552 | Adaptive Full LED Headlights | STD |
| 575 | Additional 12-V Outlets | 100% |
| 5AC | High-Beam Assistant | STD |
| 5AS | Driving Assistant | 100% |
| 5AT | Driving Assistant Plus | |
| | Included in package | ZC5 |
| 5DN | Parking Assistant Plus w/Surround View | |
| | Included in package | Z5I |
| 5DS | Luggage-Compartment Emergency Unlocking | STD |
| 609 | On-Board Navigation | 100% |
| 610 | Head-Up Display | STD |
| 655 | SiriusXM Satellite Radio Tuner | 100% |
| 688 | Harman/Kardon Sound System | 100% |
| 6AC | BMW Assist Emergency Call | 100% |
| 6AE | BMW TeleServices | 100% |
| 6CP | Apple CarPlay Preparation | |
| | Included in package | Z5I |
| 6F1 | Bowers and Wilkins Diamond Surround Sound System | x |
| 6FH | Rear Entertainment System | x |
| 6NH | USB Integration with Bluetooth | STD |
| 6NW | Wireless Charging w/Extended Bluetooth and USB | |
| | Included in package | Z5I |
| 6U8 | BMW Gesture Control | 100% |
| 6UK | Night Vision w/pedestrian det. | x |
| 6WB | Full Digital Instrument Display | STD |
| 6WD | WiFi Hotspot | |
| | Included in package | Z5I |
| 710 | M Leather Steering Wheel | STD |
| 754 | M Rear Spoiler | STD |
| 760 | High-Gloss Shadow Line | STD |
| 776 | Anthracite Alcantara Roofliner | 100% |
| 7ME | M Driver's Package | x |
| 7S9 | BMW ConnectedDrive Services Professional | 100% |
| XEW | BMW Individual - Sen Light Brown Wood Trim | x |
| Z2X | Frozen Dark Brown | x |
| | Alternate in package | ZDR |
| Z3K | Frozen Arctic Grey | x |
| | Alternate in package | ZDR |
| ZED | European Delivery | x |
| ZML | Steering and Lane Control | |
| | Included in package | ZC5 |
| ZMV | Evasion Assist | |

Product Configuration

Model Year 2018

M5

Effective: 01/01/18

M5 Sedan

CA Model Code 18M5
AG Model Code JF03
Start of Production 11/17

| | | |
|------|--|------------|
| | Included in package | ZC5 |
| ZR7 | Cross-Traffic Alert (Rear) | 100% |
| ZSF | Cross Traffic Alert (Front) | |
| | Included in package | ZC5 |
| ZSG | Frozen Dark Silver | x |
| | Alternate in package | ZDR |
| ZSM | Active Cruise Control w/ Stop and Go | |
| | Included in package | ZC5 |
| ZSP | Special Order | x |
| ZSV | Frozen Cashmere Silver | x |
| | Alternate in package | ZDR |
| ZWC | Collision Warning w/ City Braking | 100% |
| ZWM | Blind Spot Warning | 100% |
| ZXG | Rear Collision Prevention | 100% |
| ZXY | Speed Limit Info | 100% |
| ZZH | Frozen Black | |
| | Included in package | ZDR |
| ZZR | Lane Keep Assistant | |
| | Included in package | ZC5 |
| | Non-Metallic | STD |
| 300 | Alpine White | x |
| | Metallic | x |
| 475 | Black Sapphire Metallic | x |
| B41 | Singapore Grey Metallic | x |
| C1G | Snapper Rocks Blue Metallic | x |
| C1K | Marina Bay Blue Metallic | x |
| C28 | Donington Grey Metallic | x |
| C2Y | Bluestone Metallic | x |
| S34 | Azurite Black Metallic | x |
| X08 | Champagne Quartz Metallic | x |
| X14 | Almandine Brown Metallic | x |
| X17 | Rhodonite Silver Metallic | x |
| | Upholstery | |
| LK | Extended Merino Leather | x |
| LKA9 | Silverstone Extended Merino Leather | x |
| LKD8 | Aragon Brown/Black Extended Merino Leather | x |
| LKSW | Black Extended Merino Leather | x |
| X3 | Full Merino Leather | x |
| X3A9 | Silverstone Full Merino Leather | x |
| X3D8 | Aragon Brown/Black Full Merino Leather | x |
| X3SW | Black Full Merino Leather | x |
| ZB | BMW Individual Full Merino | x |
| ZBCR | Caramel Full Merino Lthr | x |
| ZBFU | Smoke White Full Merino Lthr | x |

Product Configuration

Model Year 2018

M5

Effective: 01/01/18

M5 Sedan

CA Model Code

18M5

AG Model Code

JF03

Start of Production

11/17

ZBTQ Tartufo Brown Full Merino Lthr

x

Packages

Z5I

Premium Package

- 316 - Automatic Trunk
- 323 - Soft Close Doors
- 3DS - BMW Display Key
- 416 - Side and Rear Sunshades
- 453 - Ventilated Seats
- 4M8 - BMW Individual Reading Lights
- 4T7 - Massage Function for Driver and Passenger
- 4U1 - Ceramic Controls
- 5DN - Parking Assistant Plus w/Surround View
- 6CP - Apple CarPlay Preparation
- 6NW - Wireless Charging w/Extended Bluetooth and USB
- 6WD - WiFi Hotspot

x

ZC5

Advanced Driver Assistance Package

- 5AT - Driving Assistant Plus
- ZML - Steering and Lane Control
- ZMV - Evasion Assist
- ZSF - Cross Traffic Alert (Front)
- ZSM - Active Cruise Control w/ Stop and Go
- ZZR - Lane Keep Assistant

x

ZDR

M Frozen Optics Package

- 1MA - M Sport Exhaust System
- 1MD - M Carbon Engine Cover
- 2AQ - 20" M Lt/Aly Wheel, Double-Spoke 706 M Black, Perf. Non-RFT (20x9.5, 275/35 R20 front and 20x10.5, 285/35 R20 rear)
- ZZH - Frozen Black
 - Z2X - Frozen Dark Brown
 - Z3K - Frozen Arctic Grey
 - ZSG - Frozen Dark Silver
 - ZSV - Frozen Cashmere Silver

x

*M Sport Exhaust System includes Black exhaust tip finishers.