

TECHNICAL DATA.

| | | |
|--------------------------------------|-------|--------------------|
| Engine type | | S63B44T4 |
| Transmission type | – | M8HP75 (Automatic) |
| Nr. of gears | – | 8 |
| Nr. axles | – | 2 |
| Powered axles | – | 2 |
| Seats | – | 5 |
| Number of Doors | – | 4 |
| Veh. length | mm | 4966 |
| Width | mm | 1903 |
| Height | mm | 1473 |
| Width inc. mirrors | mm | 2126 |
| 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 |
| Legroom front | mm | 1052 |
| Legroom rear | mm | 928 |
| Max. headroom front | mm | 1034 |
| Maximum headroom rear | mm | 977 |
| Headroom front (With sunroof) | mm | 996 |
| Maximum headroom second | mm | 954 |
| Knee clearance | mm | 90 |
| Luggage volume | m³ | 0.53 |
| Fuel tank capacity (approx.) | litre | 68 |
| Curb weight (DIN) | kg | 1855 |
| Curb weight (EC) | kg | 1930 |
| Rear Weight distribution (empty car) | % | 45.2 |
| Gross veh. weight | kg | 2440 |
| Payload | kg | 585 |
| Axle load limit front | kg | 1215 |
| Rear axle load limit | kg | 1260 |
| Gross veh. weight /w.trailer | kg | 2530 |
| Rear axle load w. trailer | kg | 1420 |
| Payload w. trailer | kg | 675 |
| Trailer load braked 12% | kg | 2000 |
| Trailer load braked 8% | kg | 2000 |
| Trailer load unbraked | kg | 750 |
| Trailer nose weight | kg | 90 |
| Roof load | kg | 100 |

| | | |
|--|---------------|--------------------|
| Petrol engine | | |
| Cylinders | – | 8 |
| Valves p.cyl. | – | 4 |
| Stroke | mm | 88.3 |
| Bore | mm | 89 |
| Displacement | cm³ | 4395 |
| Compression rate | :1 | 10 |
| Rated engine power | kW | 441 |
| Engine power | PS | 600 |
| Engine power | BHP | 591 |
| at rpm | 1/min | 5600-6700 |
| Engine torque | Nm | 750 |
| Engine torque | ft lbs | 553 |
| at rpm | 1/min | 1800-5600 |
| 0-62mph | s | 3.4 |
| Top speed | mph | 155* |
| Useable fuel quality | – | ROZ91-98 |
| Recommended fuel quality | – | ROZ98 |
| Engine oil capacity | litre | 10 |
| Output per litre | kW/dm³ | 100.3 |
| Power to weight ratio | kg/kW | 4.2 |
| Transmission type | – | M8HP75 (Automatic) |
| 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 |
| Track front | mm | 1626 |
| Width of the rear track | mm | 1594 |
| Wheel offset front | mm | 26 |
| Wheel offset rear | mm | 28 |
| A | m² | 2.44 |
| Cx | – | 0.31 |
| Air resistance | m² | 0.76 |
| Alloy Wheels: 22B, 2AQ | | |
| Fuel consumption – urban | mpg – l/100km | 19.48 – 14.5 |
| Fuel consumption – extra urban | mpg – l/100km | 34.44 – 8.2 |
| Fuel consumption – combined | mpg – l/100km | 26.90 – 10.5 |
| CO₂ | g/km | 241 |
| Emission classification (type-certified) | – | EU6 |
| SCR (Yes/No) | – | No |

STANDARD EQUIPMENT.

ENGINE

BMW M TwinPower Turbo V8 petrol engine
High-precision injection
VALVETRONIC with Double-VANOS
Twin TwinScroll turbo
Catalytic converter
Digital Motor Electronics (DME)
Engine cover with M designation
Light aluminium engine block and cylinder head
Oil Sensor for level and grade

TRANSMISSION

Eight-speed M Steptronic transmission with DRIVELOGIC
Rear-biased M specific xDrive setup

WHEELS AND CHASSIS

Double wishbone front axle
Dynamic Damper Control
Electro-mechanical parking brake with automatic drive-away release and auto-hold function
Integral rear axle
M Servotronic steering
20" M light alloy wheels Double-spoke style 706 M Bicolour with mixed tyres

SAFETY & TECHNOLOGY

Active Guard
Airbags comprising:
 Head airbags for first and second row seats
 Driver, front passenger, rear and side
 Impact-dependent airbag system
 Passenger seat airbag deactivation, front
Alarm system (Thatcham 1) with remote control and engine immobiliser
Anti-roll bars, front and rear
BMW Icon Adaptive LED headlights
Brake Assist
Brake Energy Regeneration
Brake Force Display
Brake lights with LED technology, Dynamic
Comfort access
Cruise control with brake function
Crash sensor activating central locking release, hazard warning lights, fuel cut-off and interior lighting
Daytime running lights, LED
Deformation zones – front and rear with door reinforcements and bumpers that regenerate to their original shape in impacts of up to 2.5 mph

Dynamic Stability Control (DSC) comprising:

 Anti-lock Braking System (ABS)
 Automatic Stability Control (ASC)
 Brake Assist function
 Cornering Brake Control (CBC)
 Dynamic Brake Control (DBC)
 Dynamic Traction Control (DTC)
 Electronic Brake-force Distribution (EBD)
 Engine Drag Torque Control (MSR)

Driving Assistant

First Aid kit and warning triangle

Follow-me-home headlight function

Head-up Display

Head restraints – front, anti-whiplash

High-beam Assistant

Locking wheel bolts (Thatcham approved)

Mobility kit

On-Board Diagnosis (OBD)

Park Distance Control (PDC), front and rear

Parking Assistant Plus

Rain sensor with automatic headlight activation

Reversing Assist camera

Seat belts – front, inertia reel with pyrotechnical belt latch tensioner, belt force limiter & belt restrainer

Seat belts – rear, three with inertia reel

Side impact protection

Speed limiting function

Two-tone horn

Tyre pressure monitoring

Windscreen washer jets, heated

SEATS

Armrests:

 Front and rear, integrated in door trim

 Centre console, includes storage compartment

 Rear centre, includes 2 cup holders

Child seat ISOFIX attachment, rear outer seats (includes top tether)

Full Merino leather upholstery

Lumbar support, driver and front passenger

M multifunctional seats for driver and front passenger

Seat adjustment, electric, with memory

Seat heating, front

INTERIOR EQUIPMENT

Air conditioning, automatic with four-zone control

Ambient interior lighting – 11 pre-defined selectable light designs including 6 colours

Battery in luggage compartment with jump start facility in engine bay

Cup holders (2 front & 2 rear)

Digital Cockpit

Door sill finishers illuminated with M5 designation

Electric windows – front and rear, with open/close fingertip control, anti-trap facility and comfort closing function all round

Floor mats, velour

Footwell lights, front and rear

Headlining, BMW Individual Anthracite Alcantara

Interior trim finishers Aluminium Carbon structure with highlight trim finisher Pearl Chrome

Lockable glove compartment with light

M leather steering wheel

Multi-function controls for leather steering wheel

Power sockets, 12v – 1 x front, 2 x rear and 1 x luggage compartment (Additional 1 x double USB adapter with 2A charging current)

Reading lights, front and rear

Rear-view mirror, automatically dimming

Steering column with electric adjustment of height and length

EXTERIOR EQUIPMENT

Active Air Stream kidney grille – Chrome surround with chrome fronted double black vertical slats and M5 badging

All round anti-corrosion system

Door handle illumination

Carbon fibre roof

Exhaust tailpipes – 2 x twin chrome

Exterior trim, High-gloss Shadowline

M specific exterior mirrors – foldable, electrically adjustable and heated, includes integrated direction indicators

Metallic paintwork

M rear spoiler

Side gills with M5 designation

Tailgate operation, automatic

AUDIO AND COMMUNICATION

20GB hard disc drive (HDD) memory

Access to BMW Connected+ for 12 months from vehicle production (subscription required)

BMW ConnectedDrive Services comprising:

- BMW Emergency Call
- BMW Online Services
- BMW TeleServices
- Concierge Service
- Real Time Traffic Information
- Remote Services

BMW Gesture Control

BMW Professional radio with single CD player (with MP3 and DVD playback capability)

Control Display – 10.25" colour touch sensitive display screen

DAB digital radio

Enhanced Bluetooth with wireless charging

Favourite buttons

iDrive Touch Controller with shortcut buttons

Loudspeaker system – harman/kardon

Navigation System – BMW Professional Multimedia

On-Board Computer (OBC) comprising:

- Average speed
- Fuel consumption and range
- Information display – analogue instruments combined with liquid crystal display
- Journey computer
- Outside temperature display
- Personal Profile functions

WiFi hotspot preparation



OPTIONAL EQUIPMENT.

| | M5 | Price |
|--|----|-------|
|--|----|-------|

BMW EFFICIENT DYNAMICS

| | | |
|--|---|-----|
| Auto Start-Stop | ● | Std |
| Brake Energy Regeneration | ● | Std |
| High-precision direct injection | ● | Std |

Individual BMW EfficientDynamics features may be excluded, depending on the optional equipment chosen.
Your BMW Retailer will be pleased to provide you with more information.

PAINTWORK

| | | | |
|--|-----|---|--------|
| Metallic Available in Black Sapphire, Bluestone metallic, Donington Grey, Marina Bay Blue, Singapore Grey or Snapper Rocks Blue | met | ● | Std |
| Non-metallic Available in Alpine White | uni | ○ | £0 |
| BMW Individual Available in Almandine Brown, Azurite Black, Champagne Quartz or Rhodonite Silver | ind | ○ | £1,095 |
| Available in Brilliant White ¹ , Frozen Arctic Grey ¹ , Frozen Cashmere Silver ¹ , Frozen Dark Brown ¹ , Frozen Dark Silver ¹ or Pure Metal Silver ¹ | | ○ | POA |

UPHOLSTERY

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|---|----|---|------|
| Full Merino leather Available in Aragon Brown ² , Black ² or Silverstone ² Not with 776 | X3 | ● | Std |
| BMW Individual full Merino leather Available in Caramel ^{1,2} , Smoke White ^{1,2} or Tartufo ^{1,2} | LC | ○ | £775 |

PACKAGES

| | | | |
|---|-----|---|--------|
| Comfort package Comprises: – 248 Steering wheel heating – 3DS BMW Display key – 4HA Seat heating, front and rear – 420 Sun protection glass – 465 Split-folding rear seats | ZGM | ○ | £1,195 |
| M Driver's package Comprises: – Top-speed increase to 190mph ³ – Optional BMW Driver Training ⁴ | 7ME | ○ | £2,095 |
| Premium package Comprises: – 323 Soft-close doors – 4NM Ambient Air package – 4T7 Massage function, front – 4U1 Ceramic finish for controls – 453 Seat ventilation, front | ZGK | ○ | £1,995 |

INTERIOR TRIMS

| | | | |
|---|-----|---|------|
| Aluminium Carbon Structure with Dark Chrome highlight | 4WM | ○ | £495 |
| Aluminium Carbon Structure with Pearl Chrome highlight | 4WN | ● | Std |
| FineLine Ridge Fine-wood with Pearl Chrome highlight | 4LF | ○ | £0 |

Key

● = Standard ○ = Optional ¹ = Expected availability from March 2018 production. ² = With a Black colour world. ³ = Not available until the running-in inspection has been completed.
⁴ = For course specific information please visit www.bmw-drivingexperience.com.

| | M5 | Price |
|--|----|-------|
|--|----|-------|

BMW INDIVIDUAL INTERIOR TRIMS

| | | | |
|--|-----|---|------|
| Piano Black | 4ML | ○ | £495 |
| Sen Light Brown Fine-wood | XEW | ○ | £495 |
| Plum Brown Fine-wood with Pearl Chrome highlight | 4WY | ○ | £495 |

TRANSMISSION

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|---|-----|---|-----|
| Eight-speed M Steptronic transmission with DRIVELOGIC | 2TB | ● | Std |
|---|-----|---|-----|

STEERING AND CHASSIS

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|-------------------------------|-----|---|--------|
| M Carbon ceramic brakes | 2NK | ○ | £7,495 |
| Mobility kit | 2VC | ● | Std |
| Tyre Pressure Monitoring | 2VB | ● | Std |
| Variable Damper Control (VDC) | 223 | ● | Std |

SAFETY AND TECHNOLOGY

| | | | |
|---|-----|---|--------|
| Active Cruise Control with Stop&Go function Included in 5AT | 5DF | ○ | £965 |
| BMW Icon Adaptive LED Headlights | 552 | ● | Std |
| Driving Assistant Comprises: – Approach Control warning – Crossing-traffic warning, rear – Lane Change warning – Lane Departure warning – Prevention of rear collision – Speed-limit information | 5AS | ● | Std |
| Driving Assistant Plus Comprises all functionality of Driving Assistant (5AS), plus: – Active Cruise Control with Stop&Go function – Crossing-traffic warning, front – Crossroads warning – Evasion Aid – Lane Change Assistant – Lane Keeping Assistant with active side collision protection – Steering and Lane Control Assistant – Wrong-way warning Not with 5DF | 5AT | ○ | £1,470 |
| Dynamic Safety | 5AL | ○ | £280 |
| Head-up Display | 610 | ● | Std |
| High-beam Assistant | 5AC | ● | Std |
| Night Vision with pedestrian recognition | 6UK | ○ | £1,595 |
| Parking Assistant Plus Comprises all functionality of Parking Assistant (5DM), plus: – Remote 3D View ¹ – Surround View | 5DN | ● | Std |
| Park Distance Control (PDC), front and rear | 508 | ● | Std |
| Reversing Assist camera | 3AG | ● | Std |

Key

● = Standard ○ = Optional Not with = these options are not available for ordering together ¹ = Only with 6AP.

OPTIONAL EQUIPMENT (CONT).

| | | M5 | Price |
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SEATS

| | | | |
|--|-----|---|------|
| Lumbar support, driver and front passenger Included in 4MA | 488 | ● | Std |
| M multi-functional seats, front | 4MA | ● | Std |
| Massage function, front | 4T7 | ○ | £795 |
| Seat adjustment, electric, with memory | 459 | ● | Std |
| Seat heating, front | 494 | ● | Std |
| Seat heating, front and rear | 4HA | ○ | £325 |
| Seat ventilation, front Only with 465 | 453 | ○ | £510 |
| Through-loading ski bag Only with 465 | 4UY | ○ | £75 |
| Through-loading system | 465 | ○ | £335 |

EXTERIOR EQUIPMENT

| | | | |
|---|-----|---|--------|
| Comfort Access with smart opener | 322 | ● | Std |
| Exterior mirrors – folding, with anti-dazzle | 4T8 | ● | Std |
| Exterior trim, High-gloss Shadowline | 760 | ● | Std |
| Exterior trim, Matt Aluminium | 3MB | ○ | £0 |
| M Carbon engine cover | 1MD | ○ | £1,025 |
| M rear spoiler | 754 | ● | Std |
| M Sport exhaust system | 1MA | ○ | £1,100 |
| Model designation deletion | 320 | ○ | £0 |
| Soft-close doors | 323 | ○ | £435 |
| Tailgate operation, powered | 316 | ● | Std |
| Towbar, fully electric | 3AC | ○ | £855 |

INTERIOR EQUIPMENT

| | | | |
|--|-----|---|------|
| Additional 12V power socket | 575 | ● | Std |
| Air conditioning, automatic with four-zone control | 4NB | ● | Std |
| Ambient Air package Air ionisation and scent package provide a pleasant fragrance and improved air purification for the vehicle interior. Intensity of the scents can be controlled in three stages via iDrive controller or via a button in the air conditioning control panel. | 4NM | ○ | £265 |
| Ambient lighting | 4UR | ● | Std |
| BMW Display key | 3DS | ○ | £235 |
| BMW Individual rear seat reading lights | 4M8 | ○ | £305 |
| Ceramic finish for controls | 4U1 | ○ | £420 |
| Digital Cockpit | 6WB | ● | Std |
| Electric glass sunroof¹ | 403 | ○ | £0 |
| Headlining, BMW Individual Alcantara Anthracite | 776 | ● | Std |
| Interior rear-view mirror with automatic anti-dazzle function | 431 | ● | Std |
| M seat belts | 4GQ | ○ | £260 |
| Smoker's package | 441 | ○ | £40 |
| Sunblinds – rear windscreen and rear side windows | 416 | ○ | £410 |
| Sun protection glass | 420 | ○ | £390 |
| Universal remote control² | 319 | ○ | £195 |

STEERING WHEELS

| | | | |
|-------------------------------|-----|---|------|
| Steering wheel heating | 248 | ○ | £185 |
|-------------------------------|-----|---|------|

Key

● = Standard ○ = Optional Only with = these options must be ordered together. ¹ = Removes Carbon-fibre roof.

² = To confirm compatibility of devices please refer to www.homelink.com

| | M5 | Price |
|--|----|-------|
|--|----|-------|

AUDIO AND COMMUNICATION

| | | | |
|--|-----|---|--------|
| Apple CarPlay® preparation ^{1, 2, 3} | 6CP | ○ | £235 |
| BMW Emergency Call ⁴ | 6AC | ● | Std |
| BMW Gesture Control | 6U8 | ● | Std |
| BMW Online Services ^{1, 3} | 6AK | ● | Std |
| BMW TeleServices ⁴ | 6AE | ● | Std |
| Bowers & Wilkins Diamond Surround Sound System | 6F1 | ○ | £3,090 |
| Concierge Service ^{1, 3} | 6AN | ● | Std |
| DAB digital radio | 654 | ● | Std |
| Enhanced Bluetooth with wireless charging | 6NW | ● | Std |
| Loudspeaker system – harman/kardon | 688 | ● | Std |
| Microsoft Exchange email ^{1, 3} | ZME | ○ | £150 |
| Navigation system – BMW Professional Multimedia | 609 | ● | Std |
| Online Entertainment ^{1, 5} | 6FV | ○ | £160 |
| Real Time Traffic Information (RTTI) ^{1, 3} | 6AM | ● | Std |
| Rear seat Entertainment Experience | 6FH | ○ | £1,995 |
| Remote Services ^{1, 4} | 6AP | ● | Std |
| TV function | 601 | ○ | £890 |
| WiFi hotspot preparation ⁶ | 6WD | ● | Std |

LIGHT ALLOY WHEELS

| | | | |
|--|-----|---|------|
| 20" M light alloy Double-spoke style 706 M, Bicolour | 22B | ● | Std |
| 20" M light alloy Double-spoke style 706 M, Black | 2AQ | ○ | £325 |



20" M Double-spoke style 706 M, Bicolour



20" M Double-spoke style 706 M, Black

Key

● = Standard ○ = Optional ¹ = Requires a free BMW ConnectedDrive account. ² = Compatibility and functions may vary due to the model year of the iPhone® and the version of software installed on it. Functions using a data connection will use data from the SIM card in the iPhone®. Additional data charges may be applied by the mobile network provider.
³ = Active for three years, renewable thereafter. ⁴ = Available and active for the lifetime of the vehicle. ⁵ = Includes subscription to a chosen music partner for one year.
⁶ = Data subscription costs apply and must be purchased separately. Content correct at time of going to print. Prices subject to change.