

118i SE**BMW EfficientDynamics**

Auto Start-Stop
Brake Energy Regeneration
ECO PRO mode
Electric Power Steering (EPS)
Lightweight engineering
Reduced rolling resistance tyres
Optimum Shift Indicator

Engine

BMW TwinPower Turbo three-cylinder petrol engine
High-precision direct injection
Double-VANOS twin-scroll turbocharging system
VALVETRONIC engine management
Exhaust tailpipe, Chrome - single, round (Exhaust tailpipe, stainless steel - single, round)

Transmission

Six-speed manual transmission

Wheels and chassis

16" light alloy wheels Star-spoke style 654 with 205/55 tyres
BMW Mobility tyre sealing system
12V compressor with integrated sealant injection bottle and hose
Active Differential Brake (ADB-Sport) electronic differential lock in DSC-OFF mode
Servotronic
Wheel bolts, locking

Safety and technology

Alarm system (Thatcham Category 1) with remote control and engine immobiliser (EWS IV)
Airbags
front, driver and passenger¹
head, front and rear - curtain head protection system
side, front (seat-integrated)
¹ manual deactivation of front passenger airbag possible
Armrest front, sliding
Battery Age Recognition function
Battery safety cut-off
Brake discs, front - ventilated
Brake discs, rear
Brake pad wear indicator, front and rear
Bumper system - front and rear
replaceable deformation elements for impacts up to 9mph
Central locking switch for all doors, fuel filler flap and luggage compartment
Check Control system for monitoring of lights and door/luggage compartment open warning
Childproof locking system, rear doors
Conditioned Based Servicing
Crash sensor
activating central locking release, hazard warning lights, battery safety cut-off, and interior lighting
Daytime driving lights
Direction indicator lights, clear lenses
Direction indicator side lights, integrated in exterior mirrors
Drive Performance Control with ECO PRO, Comfort and Sport modes
Dynamic brake lights
Dynamic Stability Control+ (DSC+)
Anti-lock Braking System (ABS) including Brake Assist
Automatic Stability Control (ASC)
Brake drying
Braking readiness
Cornering Brake Control (CBC)
Dynamic Brake Control (DBC)
Dynamic Traction Control (DTC)
Hillstart Assist
First Aid Kit and Warning Triangle
Halogen headlights
headlight beam-throw control
follow-me-home function
High-level third brake light
Lights-on warning, by audio warning signal when ignition is switched off
Personal Profile
automatic lock when driving away selectable
Rain sensor with Automatic headlights
Rear fog light, offside
Remote control, including integrated key - two
one button for opening and one for closing all lockable contents, for opening and closing all the windows
separate button for opening of the luggage compartment
Reversing light in rear light cluster, nearside
Seat belt security check for driver and front passenger
Side impact protection
Start/Stop button with Comfort Go keyless engine start and Auto Start-Stop deactivation button
Three-point seat belts, at all seats
pyrotechnic belt tensioners - front
belt force limiters - front
coded belt buckles - rear
Twin horns
Tyre pressure monitoring (3-level warning strategy) comprising;
1st Level - Tyre pressure approximately 5% above minimum recommended value
2nd Level - Request to refill as tyre pressure is down to minimum recommend value
3rd Level - Breakdown warning due to sudden tyre pressure loss (below 1.5 bar)
Visible VIN

Seats

60:40 split folding rear seat
Child seat ISOFIX attachment, for the two outer rear seats
Five seats
Move cloth upholstery
Rear seat headrests, outer headrests folding
Standard seat for driver and passenger with manual adjustment

Exterior equipment

Exterior mirrors, electrically adjustable
mirror glass aspheric on driver's side, convex on passenger side
heated exterior mirrors and washer jets
Exterior parts in body colour
bumpers, front and rear
door handles
mirror caps
roof mouldings
Kidney grille, Chrome with Black vertical bars
Luggage compartment access via BMW roundel
Model designation
Non-metallic paintwork
Rear window wiper
Shark fin

Audio and communication

BMW ConnectedDrive features including;
Access to ISM Connected+ for 12 months from vehicle production (subscription required)
BMW Emergency Call
BMW Navigation system (latest ID6 generation) comprising;
Latest generation of Navigation system with 6.5" monitor
Operation by iDrive with direct-selection buttons and 8 programmable favourites buttons.
Arrow pointers, north-up, direction of travel and perspective map displays
Navigation data on integrated harddrive with map-data updates available via USB interface
TMC for lifetime of vehicle
BMW Online Services
BMW Professional radio with single CD player (with MP3 playback capability)
With 6.5" monitor with 800x480-pixel resolution and two-way, six-speaker, 4x25W loudspeaker system
BMW Real Time Traffic Information (RTTI)
BMW TeleServices
DAB digital radio
Rear window aerial
On-Board Computer (OBC) comprising:
average speed
average and current fuel consumption, and range
service interval messages
clock and date
odometer and trip meter
outside temperature display with acoustic ice warning (at +3°C)

Interior equipment

12V power socket in centre console
12V power socket in passenger footwell (located below glove box on right-hand side)
Air conditioning, automatic single zone
Cupholders, two with sliding cover and inlay mat
Door sill finishers with BMW designation, front - Black
Electric windows - front and rear (rear only F20), with open/close fingertip control, anti-trap facility and comfort closing.
Extended storage comprising;
Compartment in instrument panel on driver's side with folding cover (not with options 5AS/5DF)
Nets on rear of driver's and front passenger's backrests
12V socket in rear centre console
12V socket in the luggage compartment, right
Door pockets on rear doors
Two extra lashing eyes in the luggage compartment
Storage net on right in luggage compartment
Floor mats in velour
Glove box
Glove box handle with chrome surround
Grab handles, integrated in roof linings - four (two in 3-door)
Handbrake lever and gear lever knob in leather
Heat protection glazing with green-tint
Instrument cluster
speedometer with miles per hour readout
tachometer
fuel gauge
Interior lighting, front centre over interior mirror and rear centre
automatic interior light activation when door is opened, when ignition switched off, or via remote key
Interior trim, Satin Silver
Lashing eyes in luggage compartment at sill - two
Leather steering wheel, three-spoke
Luggage compartment light
Multifunction controls for steering wheel
Non-smoker package, including open storage compartment
Oil temperature display via on-board computer shown in central screen in instrument cluster
Side armrests - front and rear, integrated into door trim
Steering-wheel column adjustment, manual
Storage compartment in centre console and in door trim, front
Sun visors with vanity mirrors and ticket pocket
Welcome light

116d SE Business (in replacement to 118i SE) from Production week 40

BMW TwinPower Turbo three-cylinder diesel engine
 Common-rail technology
 Variable vane geometry
 Single turbo charger
 Cruise control with braking function
 Diesel Particulate Filter
 Incorrect fuelling protection system
 LED headlights
 Park Distance Control (PDC), rear

116d SE (in replacement to 118i SE)

BMW TwinPower Turbo three-cylinder diesel engine
 Common-rail technology
 Variable vane geometry
 Single turbo charger
 Diesel Particulate Filter
 Incorrect fuelling protection system

118d SE (in replacement to 116d SE)

BMW TwinPower Turbo four-cylinder diesel engine
 Common-rail technology
 Variable vane geometry
 Single turbo charger
 Diesel Particulate Filter
 Incorrect fuelling protection system

Sport models (in addition/replacement to SE models)

17" light alloy wheels Star-spoke style 655 with 225/45 tyres
 Ambient lighting - switchable BMW Classic Orange / Cold White LED
 Corner cloth upholstery
 Door sill finishers with BMW designation, front
 Drive Performance Control with ECO PRO, Comfort, Sport and Sport+ modes
 Exhaust tailpipe, Dark Chrome
 Front air inlet highlight with high-gloss Black finisher
 Interior trim High-gloss Black with Coral Red finisher
 Kidney grille with extra-wide high-gloss Black vertical slats
 Rear bumper with high-gloss Black finisher
 Remote control with integrated key, with inset in Red
 Run-flat tyres
 Sport instrument cluster with red highlight
 Sport multi-function leather steering wheel with Red stitching
 Speed limiting function
 Sport seats, driver and front passenger
 Welcome light using LED technology

M Sport models (in addition/replacement to SE models)

18" M Double-spoke light alloy wheels style 461M in Ferric Grey
 Ambient lighting - switchable BMW Classic Orange / Cold White LED
 Door sill finishers with M designation
 Exhaust tailpipe, Chrome
 Exterior trim, High-gloss Shadowline
 Gearshift lever with M designation, short-shift (manual transmission only)
 Headlining, Anthracite
 Hexagon cloth/Alcantara upholstery, Anthracite
 Interior trim, Aluminium Hexagon with Estoril Blue trim finisher
 Kidney grille with extra-wide high-gloss Black vertical slats
 LED front foglights
 LED headlights, with automatic beam control
 M aerodynamic bodystyling
 M logo designation, side - chrome
 M Sport multi-function leather steering wheel
 Speed limiting function
 M Sport suspension (excluding 120d xDrive M Sport)
 Remote control with integrated key, with inset in Blue
 Sport instrument cluster with red highlight
 Sport seats, driver and front passenger
 Welcome light using LED technology

120d Sport (in replacement to 116d SE)

BMW TwinPower Turbo four-cylinder diesel engine
 Common-rail technology
 Variable vane geometry
 Single turbo charger
 Diesel Particulate Filter
 Exhaust tailpipe, Chrome - dual, round, left

120d xDrive Sport (in replacement to 116d SE)

Sport automatic transmission
 xDrive permanent all-wheel drive
 DSC extended to include Automatic Differential Brake
 front axle is driven as required via a controlled transfer box
 rear axle always driven
 variable torque distribution via clutch in the distributor gear unit up to almost 100% to either axle

120i Sport (in replacement to 118i SE)

BMW TwinPower Turbo four-cylinder in-line petrol engine
 High-precision direct injection
 Double-VANOS twin-scroll turbocharging system
 VALVETRONIC engine management
 Exhaust tailpipe, Chrome - dual, round, left

125d M Sport (in replacement to 120d Sport)

BMW TwinPower Turbo four-cylinder diesel engine
 Common-rail technology
 Variable vane geometry
 Two-stage turbocharging
 Brake discs, front and rear - ventilated
 Sport automatic transmission

125i M Sport (in replacement to 120i Sport)

Sport automatic transmission

M Sport Shadow Edition (in replacement/addition to M Sport)

18" M light alloy wheels Double-spoke style 719 M Jet Black or Bicolour Jet Black
 Black high-gloss Kidney Grille frame with black slats
 Cruise control with braking function
 Darkened rear lights with LED light bars
 Exhaust tailpipe/tailpipes in Dark Chrome
 Extended lighting
 LED Headlights with darkened surround
 Loudspeaker system - harman/kardon
 M Sport braking system
 Rear PDC
 Sun protection glass

M140i (in addition/replacement to 125i M Sport)

18" M light alloy wheels Double-spoke 436 M with High-Grip tyres (not run-flat)
 Airblades, ferric grey
 Air conditioning, automatic two zone
 BMW Mobility System
 Dakota leather upholstery
 Door sill finishers with M140i designation
 Exhaust tailpipes, Dark Chrome - dual, round, split
 Extended lighting
 Full black panel display with M140i designation
 Kidney grille, Chrome with extra-wide high-gloss Black vertical slats
 M aerodynamic bodystyling, model-specific (no front foglights)
 Mirror caps, ferric grey
 M logo designation, side
 M Performance TwinPower Turbo inline 6-cylinder petrol engine
 High-precision direct injection
 Double-VANOS twin-scroll turbocharging system
 VALVETRONIC engine management
 M Sport braking system
 M Sport suspension, with individual, distinctive settings
 Rear-view mirror, automatically dimming
 Variable Sport steering, with model-specific characteristic curve

M140i Shadow Edition (in replacement/addition to M140i)

18" M light alloy wheels Double-spoke style 436 M with mixed tyres Orbit Grey metallic
 Black high-gloss Kidney Grille frame with black slats
 Cruise control with braking function
 Darkened rear lights with LED light bars
 LED Headlights with darkened surround
 Loudspeaker system - harman/kardon
 Rear PDC
 Sun protection glass

		118i SE	118i Sport	118i M Sport	118i M Sport Shadow Edition	120i Sport	120i M Sport	120i M Sport Shadow Edition	125i M Sport	125i M Sport Shadow Edition	M140i	M140i Shadow Edition	116d SE	116d SE Business	116d Sport	116d M Sport	116d M Sport Shadow Edition	118d SE	118d Sport	118d M Sport	118d M Sport Shadow Edition	120d Sport	120d M Sport	120d M Sport Shadow Edition	120d xDrive Sport (F20)	120d xDrive M Sport (F20)	120d xDrive M Sport Shadow Edition	125d M Sport	125d M Sport Shadow Edition	Retail price including VAT @ 20%
<p>○ = optionally available ● = standard equipment - = not available</p>																														
Paintwork																														
uni	Non-metallic paintwork Available in: 300; Alpine White 668 Jet Black (excluding M Sport and M140i)																										Standard			
met	Metallic paintwork Available in: 475; Black Sapphire A75; Melbourne Red A83; Glacier Silver (excluding M Sport and M140i) B39; Mineral Grey C1X; Sunset Orange A96; Mineral White (excluding M Sport and M140i) B53; Sparkling Brown (excluding M Sport and M140i) C10; Mediterranean Blue (excluding M Sport and M140i) C1R; Seaside Blue (excluding M Sport and M140i) B45; Estoril Blue (Exclusive to M Sport and M140i)																										£ 550.00			
Alloy Wheels																														
25A	16" light alloy wheels Star-spoke style 654 Front and Rear Tyres 7J x 16 205/55 R16 Finished in Reflex Silver.																										Standard			
2FD	16" light alloy wheels V-spoke style 378 Front and Rear Tyres 7J x 16 205/55 R16 Finished in Reflex Silver.																										£ 0.00			
27A	16" light alloy wheels Streamline style 406 Front and Rear Tyres 7J x 16 205/55 R16 Burnished and finished in Orbit Grey. Wheel not available with 118d when fitted with Automatic transmission.																										£ 115.00			
24A	17" light alloy wheels Double-spoke style 655 Front and Rear Run-flat Tyres 7J x 17 225/45 R17 Burnished and finished in Ferric Grey.																										Standard			
2DT	17" light alloy wheels Star-spoke style 379 Front and Rear Run-flat Tyres 7J x 17 225/45 R17 Burnished and finished in Orbit Grey.																										£ 0.00			
2LP	17" light alloy wheels Y-spoke style 380 Front and Rear Run-flat Tyres 7J x 17 205/50 R17 Finished in Reflex Silver.																										£ 0.00 £ 495.00			
2A7	18" light alloy wheels Double-spoke style 385 Front: 7.5J x 18 225/40 R18 with Run-flat tyres Rear: 8J x 18 245/35 R18 with Run-flat tyres Finished in Reflex Silver.																										£ 545.00 £ 1,175.00			
21A	18" M Double-spoke light alloy wheels style 461M in Ferric Grey Front: 7.5J x 18 225/40 R18 with Run-flat tyres Rear: 8J x 18 245/35 R18 with Run-flat tyres																										Standard			
20W	18" M light alloy wheels Double-spoke style 719 M Bicolour Jet Black Front: 7.5J x 18 225/40 R18 with Run-flat tyres Rear: 8J x 18 245/35 R18 with Run-flat tyres																										Standard £ 175.00			
20Y	18" M light alloy wheels Double-spoke style 719 M Jet Black Front: 7.5J x 18 225/40 R18 with Run-flat tyres (non-run flat tyres on M140i) Rear: 8J x 18 245/35 R18 with Run-flat tyres (non-run flat tyres on M140i) Ordering guidance: Please ensure that you de-select/ 100% not require the standard 18" wheel 20W before adding 20Y wheel to the order.																										£ 0.00			
2PG	18" M light alloy wheels Double-spoke 436M in Ferric Grey Front: 7.5J x 18 225/40 R18 Rear: 8J x 18 245/35 R18 Includes specially developed non run-flat high-grip tyres for improved transverse dynamism and shorter stopping distances.																										Standard			
21U	18" M light alloy wheels Double-spoke style 436 M in Orbit Grey Front: 7.5J x 18 225/40 R18 Rear: 8J x 18 245/35 R18 Includes specially developed non run-flat high-grip tyres for improved transverse dynamism and shorter stopping distances.																										Standard			
Upholstery																														
BD	Move cloth upholstery - SE and SE Business models Available in BDAT Anthracite. Not available with 481 Sport seats. If 481 is required on an SE-model Dakota leather upholstery must be selected.																										Standard			
CC	Corner cloth upholstery - Sport models Available in CCL1 Anthracite with Grey highlight, or CCL2 Anthracite with Red highlight.																										Standard			
HA	Hexagon cloth/Alcantara upholstery - M Sport models Available in HAAT Anthracite.																										Standard			
LC	Dakota leather upholstery Available in: SE models LCCX, Oyster (Black colour world); LCSW, Black																										£ 1,150.00			
	Sport models LCL3, Black with Red highlight; LCCX, Oyster (Black colour world); LCRY Cognac with Brown highlight; LCSW, Black																										£ 1,150.00			
	M Sport, M Sport Shadow Edition or M140i models LCCX, Oyster (Black colour world); LCRY Cognac with Brown highlight; LCSW, Black																										£ 800.00			

	118i SE	118i Sport	118i M Sport	118i M Sport Shadow Edition	120i Sport	120i M Sport	120i M Sport Shadow Edition	125i M Sport	125i M Sport Shadow Edition	M140i	M140i Shadow Edition	116d SE	116d SE Business	116d Sport	116d M Sport	116d M Sport Shadow Edition	118d SE	118d Sport	118d M Sport	118d M Sport Shadow Edition	120d Sport	120d M Sport	120d M Sport Shadow Edition	120d xDrive Sport (F20)	120d xDrive M Sport (F20)	120d xDrive M Sport Shadow Edition	125d M Sport	125d M Sport Shadow Edition	Retail price including VAT @ 20%			
<p>○ = optionally available ● = standard equipment - = not available</p>																																
Interior Trims																																
4CG Interior trim, Satin Silver Interior trim in Satin Silver. Includes instrument panel, door pull handle and centre console in Satin Silver.	●	-	-	-	-	-	-	-	-	-	-	●	●	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	£	0.00	
4FT Interior trim Brushed Aluminium with Black, high-gloss finisher Interior trim in brushed aluminium with Black high-gloss finisher (Aluminium brushed length ways). Includes instrument panel, door pull handle and centre console in Brushed Aluminium. 4FT restricted to M Sport and M Sport Shadow Editions until further notice.	○	-	-	-	-	-	-	-	-	-	-	○	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	£	220.00	
	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	£	170.00	
	-	-	○	○	-	○	○	○	○	○	○	-	-	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	£	0.00	
4LR Finition Stream wood interior trim with Pearl chrome finisher Finition Stream wood interior trim with Pearl chrome highlight finisher. Includes instrument panel, door pull handle and centre console in Finition Stream wood.	○	-	-	-	-	-	-	-	-	-	-	○	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	£	290.00	
	-	○	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	£	240.00	
	-	-	○	○	-	○	○	○	○	○	○	-	-	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	£	85.00	
4LS Brushed aluminium interior trim with Pearl chrome finisher Brushed Aluminium interior trim with Pearl chrome highlight finisher. Includes instrument panel, door pull handle and centre console in Aluminium finely brushed lengthwise. 4LS restricted to M Sport and M Sport Shadow Editions until further notice.	○	-	-	-	-	-	-	-	-	-	-	○	○	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-	-	£	290.00	
	-	-	○	○	-	○	○	○	○	○	○	-	-	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	£	240.00	
	-	-	○	○	-	○	○	○	○	○	○	-	-	○	○	-	-	-	-	-	-	-	-	-	-	-	-	-	-	£	85.00	
4LU High-gloss Black interior trim with Pearl chrome finisher High-gloss Black interior trim with Pearl chrome highlight finisher. Includes instrument panel, door pull handle and centre console in High-gloss Black trim.	-	○	○	○	○	○	○	○	○	○	○	-	-	○	○	-	○	○	○	○	○	○	○	○	○	○	○	○	○	£	0.00	
4LV Interior trim High-gloss Black with Coral Red finisher Interior trim in High-gloss Black with Coral Red finisher. Includes instrument panel, door pull handle and centre console in High-gloss Black trim. Exclusive to Sport models.	-	●	-	-	●	-	-	-	-	-	-	-	-	●	-	-	●	-	-	●	-	-	●	-	-	●	-	-	-	-	Standard	
4WF Interior trim Aluminium Hexagon with Estoril Blue finisher Interior trim in Aluminium Hexagon with Estoril Blue finisher. Includes instrument panel, door pull handle and centre console in Aluminium Hexagon.	-	-	●	●	-	●	●	●	●	●	●	-	-	-	●	●	-	●	●	-	●	●	-	●	●	-	●	●	●	Standard		
4WG Interior trim Aluminium Hexagon with High-gloss Black finisher Interior trim in Aluminium Hexagon with High-gloss Black finisher. Includes instrument panel, door pull handle and centre console in Aluminium Hexagon.	-	-	○	○	-	○	○	○	○	○	○	-	-	○	○	-	-	-	-	-	○	○	-	○	○	-	○	○	○	£	0.00	
Packages																																
Z0B Interior comfort package Comprises: - 431 Rear-view mirror, automatically dimming - 534 Air conditioning, automatic with two-zone control - 563 Extended lighting	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	£	590.00
ZNP Media package - BMW Professional Comprises: - 609 Navigation system - BMW Professional Multimedia - 6AP Remote Services - 6FV Online Entertainment - 6WA Full black panel display - Also includes TMC for lifetime.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	£	900.00	
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	£	775.00	

	118i SE	118i Sport	118i M Sport	118i M Sport Shadow Edition	120i Sport	120i M Sport	120i M Sport Shadow Edition	125i M Sport	125i M Sport Shadow Edition	M140i	M140i Shadow Edition	116d SE	116d SE Business	116d Sport	116d M Sport	116d M Sport Shadow Edition	118d SE	118d Sport	118d M Sport	118d M Sport Shadow Edition	120d Sport	120d M Sport	120d M Sport Shadow Edition	120d xDrive Sport (F20)	120d xDrive M Sport (F20)	120d xDrive M Sport Shadow Edition	125d M Sport	125d M Sport Shadow Edition	Retail price including VAT @ 20%		
ZME Microsoft Exchange email Support for Office 365 email accounts. Available with a three year subscription from date of production and enables access to Microsoft Office 365 emails via Microsoft Exchange. Access to emails will depend upon the security settings of the company, this can be checked on the following website and should be checked prior to ordering. Only with ZNP.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	£	150.00	
6WA Full black panel display High-resolution 5.7" 640x160-pixel display in the instrument cluster with integrated graphic visualisation of current fuel consumption. Now features Black optic display featuring superimposed dials with 3D effect. Check control, system feedback, and service interval messages output as symbols and text in the display. Displays extended lists e.g. phone book. In conjunction with Navigation shows lane guidance and junction zoom. For M240i models, welcome text displays "M240i" in instrument panel display. Included in 5DF or ZNP.	○	○	○	○	○	○	○	○	○	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	£	125.00	
6WD WiFi hotspot preparation Enables connection of mobile devices to the internet via the SIM card installed in the vehicle. Depending on the local LTE availability, up to 10 devices can surf the internet with max. 100 Mbit/s. Its use is subject to cost, data plans can be purchased via the mobile network operator when connected to the vehicle. Only with 6NW and ZNP.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	£	0.00 Included with 6NW	
704 M Sport suspension Factory fitted M Sport suspension providing firmer ride and vehicle lowered by 10mm. Not with 2VF.	○	○	●	●	○	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	£	240.00	
760 High-gloss Shadowline Exterior window trim strips finished in high-gloss black instead of matt black. Exterior parts finished in High-gloss Shadowline differ on F20 and F21, please see below; F20 - Mirror triangle, mirror frame (cap still body colour), B Pillar finisher for front and rear doors, window guide finisher for rear door quarterlight and window recess cover. F21 - Mirror triangle, mirror frame (cap still body colour), decorative moulding side frame (additional to F20) and window recess cover.	○	○	●	●	○	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	£	180.00
775 Headlining, Anthracite Headlining material in Anthracite colour.	○	○	●	●	○	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	£	150.00
8TH Speed-limit info Keeps the driver informed of the maximum permissible speed of the road and supplementary road signage e.g. no overtaking. A camera 'reads' relevant signs above and beside the road, and compares this information with the speed limits recorded in the navigation system. The speed limit is then displayed in the instrument cluster. Only with 6WA. Not with 3AP.	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	£	200.00

Technical data

BMW UK

1 Series 5-door [F20 LCI] and 3-door [F21 LCI]

Effective Production Week 44 2017

Changes from Production week 44, 2017.		118i 5-door	118i 5-door	120i 5-door	120i 5-door	125i 5-door
		B38B15M0	B38B15M0	B48B20M0	B48B20M0	B48B20O0
Transmission type		manual transmission 6	automatic transmission 8	manual transmission 6	automatic transmission 8	automatic transmission 8
Seats	--	5	5	5	5	5
Number of Doors	--	5	5	5	5	5
Veh. Length (without number plate)	mm	4329	4329	4329	4329	4329
Width	mm	1765	1765	1765	1765	1765
Height	mm	1421	1421	1421	1421	1421
Veh. Height max.	mm	1440	1440	1440	1440	1440
Width inc. mirrors	mm	1984	1984	1984	1984	1984
Width incl.mirror driver	mm	1001	1001	1001	1001	1001
Width incl.mirror passengers side	mm	983	983	983	983	983
Wheelbase	mm	2690	2690	2690	2690	2690
Overhang front	mm	770	770	770	770	770
Rear overhang	mm	869	869	869	869	869
Turning circle	m	10.9	10.9	10.9	10.9	10.9
Ground clearance	mm	140	140	140	140	140
Shoulder width front	mm	1386	1386	1386	1386	1386
Shoulder room rear	mm	1366	1366	1366	1366	1366
Elbow width front	mm	1400	1400	1400	1400	1400
Elbowroom rear	mm	1417	1417	1417	1417	1417
Effective legroom front	mm	1055	1055	1055	1055	1055
Effective legroom rear second seating row	mm	837	837	837	837	837
Max. headroom front	mm	1018	1018	1018	1018	1018
Maximum headroom rear	mm	972	972	972	972	972
Headroom front with sunroof	mm	990	990	990	990	990
Maximum headroom rear with sunroof	mm	937	937	937	937	937
Knee clearance	mm	5	5	5	5	5
Luggage volume (rear seats up/rear seats folded)	litres	360 -1,200	360 -1,200	360 -1,200	360 -1,200	360 -1,200
Fuel tank capacity (approx.)	litres	52	52	52	52	52
Curb weight (DIN)	kg	1305	1320	1370	1380	1400
curb weight (EC)	kg	1380	1395	1445	1455	1475
rear Weight distribution (empty car)	%	49.9	49.3	47.9	47.5	48.3
Gross veh. weight	kg	1870	1885	1935	1945	1965
Payload	kg	565	565	565	565	565
Axle load limit front	kg	865	865	920	920	920
Rear axle load limit	kg	1090	1090	1090	1090	1100
Gross veh. weight w.trailer	kg	1945	1960	2010	2020	2040
Rear axle load w. trailer	kg	1195	1195	1195	1195	1210
Payload w. trailer	kg	640	640	640	640	640
Trailer load braked 12%	kg	1300	1300	1500	1500	1500
Trailer load braked 8%	kg	1300	1300	1500	1500	1500
Trailer load unbraked	kg	650	650	670	670	680
Trailer nose weight	kg	75	75	75	75	75
Roof load	kg	75	75	75	75	75
Engine type	--	B38B15M0	B38B15M0	B48B20M0	B48B20M0	B48B20O0
Cylinders	--	3	3	4	4	4
Valves p.cyl.	--	4	4	4	4	4
Stroke	mm	94.6	94.6	94.6	94.6	94.6
Bore	mm	82	82	82	82	82
Displacement	cm³	1499	1499	1998	1998	1998
Compression rate	:1	11	11	11	11	10.2
Rated engine power [kW]	kW	100	100	135	135	165
Engine power (HP)	HP	136	136	184	184	224
Engine power [bHP]	bHP	134	134	181	181	221
at rpm	1/min	4400	4400	5000	5000	5200-6500
Engine torque	Nm	220	220	290	270	310
Engine torque	ft lbs	162	162	214	199	229
at rpm	1/min	1250-4300	1250-4300	1350-4250	1350-4600	1400-5000
Fuel type	--	gasoline	gasoline	gasoline	gasoline	gasoline
Useable Fuel quality	--	ROZ90-98	ROZ90-98	ROZ90-98	ROZ90-98	ROZ90-98
recomm.	--	ROZ95	ROZ95	ROZ95	ROZ95	ROZ95
Engine oil (filling quantity)	liter	4.25	4.25	5.25	5.25	5.25
Output per litre	kW/lm³	66.7	66.7	67.6	67.6	82.6
Power to weight ratio	kg/kW	13.1	13.2	10.1	10.2	8.5
Transmission type	--	I-250-Turbo	8HP50-1	I-weit	8HP50	8HP50
Transmission type	--	manual transmission	automatic transmission	manual transmission	automatic transmission	automatic transmission
Gear ratios 1st gear	--	4.552	4.714	4.002	5	5
2nd	--	2.548	3.143	2.13	3.2	3.2
3rd	--	1.659	2.106	1.396	2.143	2.143
4th	--	1.23	1.667	1	1.72	1.72
5th	--	1	1.285	0.781	1.314	1.314
6th	--	0.83	1	0.668	1	1
7th	--	-	0.839	-	0.822	0.822
8th	--	-	0.667	-	0.64	0.64
Reverse gear	--	4.138	3.295	3.647	3.456	3.456
Final drive ratio	--	2.813	3.077	3.385	2.813	2.813
Steering type	--	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion
Power-steering	--	EPS	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	15	15	15	15	15
Track front	mm	1535	1535	1535	1535	1521
Width of the rear track	mm	1569	1569	1569	1569	1556
Wheel offset front	mm	33	33	33	33	40
Wheel offset rear	mm	33	33	33	33	40
A	m²	2.14	2.14	2.14	2.14	2.14
Cx	--	0.31	0.31	0.31	0.31	0.32
Air resistance	m²	0.66	0.66	0.66	0.66	0.68
top speed [km/h]	km/h	210	210	230	225	243
top speed [mph]	mph	130	130	143	140	151
0-62mph	s	8.5	8.7	7.1	7.1	6.1
50-75mph (5th gear)	s	10.6	-	-	-	-
16" wheels (25A, 2FD, 27A)						
KV01 city	mpg (l/100km)	45.6 (6.2)	47.9 (5.9)	-	-	-
KV01 Highway	mpg (l/100km)	65.7 (4.3)	67.3 (4.2)	-	-	-
KV01 Combined	mpg (l/100km)	56.5 (5.0)	58.9 (4.8)	-	-	-
CO2	g/km	116	112	-	-	-
17" wheels (24A, 2DT, 2LP, 2AS, 23D)						
KV01 city	mpg (l/100km)	43.5 (6.5)	44.8 (6.3)	35.3 (8.0)	38.2 (7.4)	-
KV01 Highway	mpg (l/100km)	62.8 (4.5)	62.8 (4.5)	57.6 (4.9)	57.6 (4.9)	-
KV01 Combined	mpg (l/100km)	53.3 (5.3)	55.5 (5.1)	47.1 (6.0)	48.7 (5.8)	-
CO2	g/km	123	119	138	133	-
18" wheels (2A7, 20W, 20Y, 21A, 21U, 2PG)						
KV01 city	mpg (l/100km)	42.2 (6.7)	44.1 (6.4)	34.9 (8.1)	38.2 (7.4)	38.2 (7.4)
KV01 Highway	mpg (l/100km)	60.1 (4.7)	61.4 (4.6)	56.5 (5.0)	56.5 (5.0)	56.5 (5.0)
KV01 Combined	mpg (l/100km)	52.3 (5.4)	54.3 (5.2)	46.3 (6.1)	47.9 (5.9)	47.9 (5.9)
CO2	g/km	126	122	140	135	134
Emission classification (type-certified)	--	EU6	EU6	EU6	EU6	EU6
CO	g/km	0.1641	0.2156	0.2769	0.2563	0.263
NOx	g/km	0.0162	0.0106	0.0291	0.047	0.0338
HC	g/km	0.0414	0.0377	0.0465	0.0665	0.0549
NMHC	g/km	-	0.0278	0.0365	0.0566	0.0477
HC+NOx	g/km	-	-	-	-	-
Particles	g/km	0.00035	0.00052	0.00027	0.00018	0.00038
Driving noise	dB(A)	71	66	74	69	71
Standing noise	dB(A)	77	77	88	82	85
Standing noise / rpm	1/min	3300	3300	3750	3750	3750
SCR Tank	--	No	No	No	No	No
AdBlue tank capacity	litres	-	-	-	-	-
Battery Capacity (low voltage)	Ah	90	80	80	80	80
System voltage (low voltage)	V	12	12	12	12	12
Engineoil	--	4.5	4.5	5.25	5.25	5.25
Engine type	--	in line	in line	in line	in line	in line
Fuel management	--	MEVD 17.2.3	MEVD 17.2.3	TBC	TBC	TBC
Charging Type	--	TwinPower Turbo	TwinPower Turbo	TwinScroll Turbo	TwinPower Turbo	TwinPower Turbo
Charging Technique	--	TwinScroll Turbo Technology	TwinScroll Turbo Technology	TwinScroll Turbo Technology	TwinScroll Turbo Technology	TwinScroll Turbo Technology
Injection type	--	High precision direct injection	High precision direct injection	High precision direct injection	High precision direct injection	High precision direct injection
Injection technique	--	DI	DI	DI2,VVT	DI2,VVT	DI2,VVT
Suspension type front	--	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle
Rear suspension	--	five-link suspension	five-link suspension	five-link suspension	five-link suspension	five-link suspension
Front brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Rear brake	--	disc	disc	disc	disc	disc ventilated
Generator amperage	A	180	180	TBC	TBC	TBC
Alternator output	W	2520	2520	TBC	TBC	TBC
BMW EfficientDynamics						
Auto Start-Stop	●	●	●	●	●	●
Brake Energy Regeneration	●	●	●	●	●	●
ECO PRO mode	●	●	●	●	●	●
Electric Power Steering (EPS)	●	●	●	●	●	●
Lightweight engineering	●	●	●	●	●	●
Optimum Shift Indicator (with 205/2TB on in manual mode)	●	●	●	●	●	●
Reduced rolling resistance tyres	●	●	●	●	●	●

1 Series 5-door [F20 LCI] and 3-door [F21 LCI] Effective Production Week 44 2017

Changes from Production week 44, 2017.		M140i 5-door	M140i 5-door	116d 5-door	116d 5-door
		B58B30M0	B58B30M0	B37D15U0	B37D15U0
Transmission type		manual transmission 6	automatic transmission 8	manual transmission 6	automatic transmission 8
Seats	--	5	5	5	5
Number of Doors	--	5	5	5	5
Veh. Length (without number plate)	mm	4324	4324	4329	4329
Width	mm	1765	1765	1765	1765
Height	mm	1411	1411	1421	1421
Veh. Height max.	mm	1430	1430	1440	1440
Width inc. mirrors	mm	1984	1984	1984	1984
Width incl.mirror driver	mm	1001	1001	1001	1001
Width incl.mirror passengers side	mm	983	983	983	983
Wheelbase	mm	2690	2690	2690	2690
Overhang front	mm	765	765	770	770
Rear overhang	mm	869	869	869	869
Turning circle	m	10.9	10.9	10.9	10.9
Ground clearance	mm	130	130	140	140
Shoulder width front	mm	1386	1386	1386	1386
Shoulder room rear	mm	1366	1366	1366	1366
Elbow width front	mm	1400	1400	1400	1400
Elbowroom rear	mm	1417	1417	1417	1417
Effective legroom front	mm	1055	1055	1055	1055
Effective legroom rear second seating row	mm	837	837	837	837
Max. headroom front	mm	1018	1018	1018	1018
Maximum headroom rear	mm	972	972	972	972
Headroom front with sunroof	mm	990	990	990	990
Maximum headroom rear with sunroof	mm	937	937	937	937
Knee clearance	mm	5	5	5	5
Luggage volume (rear seats up/rear seats folded)	litres	360 -1,200	360 -1,200	360 -1,200	360 -1,200
Fuel tank capacity (approx.)	litres	52	52	52	52
Curb weight (DIN)	kg	1450	1475	1320	1350
curb weight (EC)	kg	1525	1550	1395	1425
rear Weight distribution (empty car)	%	47.7	47.2	49.7	49.3
Gross veh. weight	kg	2015	2040	1885	1915
Payload	kg	565	565	565	565
Axle load limit front	kg	970	970	885	885
Rear axle load limit	kg	1120	1120	1090	1090
Gross veh. weight w.trailer	kg	-	-	1960	1990
Rear axle load w. trailer	kg	-	-	1195	1195
Payload w. trailer	kg	-	-	640	640
Trailer load braked 12%	kg	-	-	1500	1500
Trailer load braked 8%	kg	-	-	1500	1500
Trailer load unbraked	kg	-	-	690	690
Trailer nose weight	kg	-	-	75	75
Roof load	kg	75	75	75	75
Engine type	--	B58B30M0	B58B30M0	B37D15U0	B37D15U0
Cylinders	--	6	6	3	3
Valves p.cyl.	--	4	4	4	4
Stroke	mm	94.6	94.6	90	90
Bore	mm	82	82	84	84
Displacement	cm³	2998	2998	1496	1496
Compression rate	:1	11	11	16.5	16.5
Rated engine power [kW]	kW	250	250	85	85
Engine power (HP)	HP	340	340	116	116
Engine power [bHP]	bHP	335	335	114	114
at rpm	1/min	5500	5500	4000	4000
Engine torque	Nm	500	500	270	270
Engine torque	ft lbs	369	369	199	199
at rpm	1/min	1520-4500	1520-4500	1750-2250	1750-2250
Fuel type	--	gasoline	gasoline	diesel	diesel
Useable Fuel quality	--	ROZ90-98	ROZ90-98	Diesel	Diesel
recomm.	--	ROZ95	ROZ95	Diesel	Diesel
Engine oil (filling quantity)	liter	6.5	6.5	4.4	4.4
Output per litre	kWh/dm³	83.4	83.4	56.8	56.8
Power to weight ratio	kg/kW	5.8	5.9	15.5	15.9
Transmission type	--	K-Benzin-BK	8HP50	I-Diesel-BK-lang	8HP50-1
Transmission type	--	manual transmission	automatic transmission	manual transmission	automatic transmission
Gear ratios 1st gear	--	4.11	5	4.002	4.714
2nd	--	2.315	3.2	2.109	3.143
3rd	--	1.542	2.143	1.38	2.106
4th	--	1.179	1.72	1	1.667
5th	--	1	1.314	0.781	1.285
6th	--	0.846	1	0.603	1
7th	--	-	0.822	-	0.839
8th	--	-	0.64	-	0.667
Reverse gear	--	3.727	3.456	3.647	3.295
Final drive ratio	--	3.077	2.813	3.077	2.647
Steering type	--	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion
Power-steering	--	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	14.5	14.5	15	15
Track front	mm	1516	1516	1535	1535
Width of the rear track	mm	1534	1534	1569	1569
Wheel offset front	mm	45	45	33	33
Wheel offset rear	mm	52	52	33	33
A	m²	2.14	2.14	2.14	2.14
Cx	--	0.34	0.34	0.3	0.3
Air resistance	m²	0.73	0.73	0.64	0.64
top speed [km/h]	km/h	250	250	200	200
top speed [mph]	mph	155	155	124	124
0-62mph	s	4.8	4.6	10.3	10.3
50-75mph (5th gear)	s	-	-	11.7	-
Fuel Consumption and emissions					
16" wheels (25A, 2FD, 27A)					
KV01 city	mpg (l/100km)	-	-	68.9 (4.1)	68.9 (4.1)
KV01 Highway	mpg (l/100km)	-	-	85.6 (3.3)	78.5 (3.6)
KV01 Combined	mpg (l/100km)	-	-	78.5 (3.6)	3.8
CO2	g/km	-	-	94	99
17" wheels (24A, 2DT, 2LP, 2AS, 23D)					
KV01 city	mpg (l/100km)	-	-	62.8 (4.5)	65.7 (4.3)
KV01 Highway	mpg (l/100km)	-	-	80.7 (3.5)	74.3 (3.8)
KV01 Combined	mpg (l/100km)	-	-	72.4 (3.9)	70.6 (4.0)
CO2	g/km	-	-	103	105
18" wheels (2A7, 2PU, 21A, 2PG)					
KV01 city	mpg (l/100km)	26.6 (10.6)	30.1 (9.4)	60.1 (4.7)	64.2 (4.4)
KV01 Highway	mpg (l/100km)	45.6 (6.2)	48.7 (5.8)	78.5 (3.6)	72.4 (3.9)
KV01 Combined	mpg (l/100km)	36.2 (7.8)	39.8 (7.1)	70.6 (4.0)	68.9 (4.1)
CO2	g/km	179	163	106	108
Emission classification (type-certified)	--	EU6	EU6	EU6	EU6
CO	g/km	0.2807	0.3755	0.1725	0.0863
NOx	g/km	0.0501	0.0325	0.0287	0.0252
HC	g/km	0.0643	0.0579	-	-
NMHC	g/km	0.0517	0.042	-	-
HC+NOx	g/km	-	-	0.0623	0.0517
Particles	g/km	0.00034	0.00023	0.00009	0.00007
Driving noise	dB(A)	73	72	68	68
Standing noise	dB(A)	83	83	74	74
Standing noise / rpm	1/min	3750	3750	3000	3000
SCR Tank	--	No	No	No	No
AdBlue tank capacity	litres	-	-	-	-
Battery Capacity (low voltage)	Ah	80	80	90	90
System voltage (low voltage)	V	12	12	12	12
Engineoil	--	6.5	6.5	4.7	4.7
Engine type	--	in line	in line	in line	in line
Fuel management	--	TBC	TBC	DDE 7.01	DDE 7.01
Charging Type	--	TwinScroll Turbo	TwinScroll Turbo	VTG (Variable Turbine Geometry	VTG (Variable Turbine Geometry
Charging Technique	--	TwinScroll Turbo Technology	TwinScroll Turbo Technology	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology
Injection type	--	High precision direct injection	High precision direct injection	Common rail direct injection	Common rail direct injection
Injection technique	--	DI2,VVT	DI2,VVT	CRS 2-20	CRS 2-20
Suspension type front	--	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle
Rear suspension	--	five-link suspension	five-link suspension	five-link suspension	five-link suspension
Front brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Rear brake	--	disc ventilated	disc ventilated	disc	disc
Generator amperage	A	TBC	TBC	180	180
Alternator output	W	TBC	TBC	2520	2520
BMW EfficientDynamics					
Auto Start-Stop	●	●	●	●	●
Brake Energy Regeneration	●	●	●	●	●
ECO PRO mode	●	●	●	●	●
Electric Power Steering (EPS)	●	●	●	●	●
Lightweight engineering	●	●	●	●	●
Optimum Shift Indicator (with 205/2TB on in manual mode)	●	●	●	●	●
Reduced rolling resistance tyres	●	●	●	●	●

1 Series 5-door [F20 LCI] and 3-door [F21 LCI] Effective Production Week 44 2017

Changes from Production week 44, 2017.		118d 5-door	118d 5-door	120d 5-door	120d 5-door
		B47D20U0	B47D20U0	B47D20O0	B47D20O0
Transmission type		manual transmission 6	automatic transmission 8	manual transmission 6	automatic transmission 8
Seats	--	5	5	5	5
Number of Doors	--	5	5	5	5
Veh. Length (without number plate)	mm	4329	4329	4329	4329
Width	mm	1765	1765	1765	1765
Height	mm	1421	1421	1421	1421
Veh. Height max.	mm	1440	1440	1440	1440
Width inc. mirrors	mm	1984	1984	1984	1984
Width incl.mirror driver	mm	1001	1001	1001	1001
Width incl.mirror passengers side	mm	983	983	983	983
Wheelbase	mm	2690	2690	2690	2690
Overhang front	mm	770	770	770	770
Rear overhang	mm	869	869	869	869
Turning circle	m	10.9	10.9	10.9	10.9
Ground clearance	mm	140	140	140	140
Shoulder width front	mm	1386	1386	1386	1386
Shoulder room rear	mm	1366	1366	1366	1366
Elbow width front	mm	1400	1400	1400	1400
Elbowroom rear	mm	1417	1417	1417	1417
Effective legroom front	mm	1055	1055	1055	1055
Effective legroom rear second seating row	mm	837	837	837	837
Max. headroom front	mm	1018	1018	1018	1018
Maximum headroom rear	mm	972	972	972	972
Headroom front with sunroof	mm	990	990	990	990
Maximum headroom rear with sunroof	mm	937	937	937	937
Knee clearance	mm	5	5	5	5
Luggage volume (rear seats up/rear seats folded)	litres	360 -1,200	360 -1,200	360 -1,200	360 -1,200
Fuel tank capacity (approx.)	litres	52	52	52	52
Curb weight (DIN)	kg	1350	1375	1375	1390
curb weight (EC)	kg	1425	1450	1450	1465
rear Weight distribution (empty car)	%	49.3	48.8	49.2	49
Gross veh. weight	kg	1915	1940	1940	1955
Payload	kg	565	565	565	565
Axle load limit front	kg	900	900	900	900
Rear axle load limit	kg	1090	1090	1090	1090
Gross veh. weight w.trailer	kg	1990	2015	2015	2030
Rear axle load w. trailer	kg	1195	1195	1200	1200
Payload w. trailer	kg	640	640	640	640
Trailer load braked 12%	kg	1500	1500	1500	1500
Trailer load braked 8%	kg	1500	1500	1500	1500
Trailer load unbraked	kg	690	690	710	710
Trailer nose weight	kg	75	75	75	75
Roof load	kg	75	75	75	75
Engine type	--	B47D20U0	B47D20U0	B47D20O0	B47D20O0
Cylinders	--	4	4	4	4
Valves p.cyl.	--	4	4	4	4
Stroke	mm	90	90	90	90
Bore	mm	84	84	84	84
Displacement	cm³	1995	1995	1995	1995
Compression rate	:1	16.5	16.5	16.5	16.5
Rated engine power [kW]	kW	110	110	140	140
Engine power (HP)	HP	150	150	190	190
Engine power [bHP]	bHP	148	148	188	188
at rpm	1/min	4000	4000	4000	4000
Engine torque	Nm	320	320	400	400
Engine torque	ft lbs	236	236	295	295
at rpm	1/min	1500-3000	1500-3000	1750-2500	1750-2500
Fuel type	--	diesel	diesel	diesel	diesel
Useable Fuel quality	--	Diesel	Diesel	Diesel	Diesel
recomm.	--	Diesel	Diesel	Diesel	Diesel
Engine oil (filling quantity)	liter	5	5	5	5
Output per litre	kW/dm³	55.1	55.1	70.2	70.2
Power to weight ratio	kg/kW	12.3	12.5	9.8	9.9
Transmission type	--	I-Diesel-BK	8HP50	K weit	8HP50
Transmission type	--	manual transmission	automatic transmission	manual transmission	automatic transmission
Gear ratios 1st gear	--	4.002	5	4.11	5
2nd	--	2.109	3.2	2.248	3.2
3rd	--	1.396	2.143	1.403	2.143
4th	--	1	1.72	1	1.72
5th	--	0.781	1.314	0.802	1.314
6th	--	0.668	1	0.659	1
7th	--	-	0.822	-	0.822
8th	--	-	0.64	-	0.64
Reverse gear	--	3.647	3.456	3.727	3.456
Final drive ratio	--	3.077	2.647	3.077	2.647
Steering type	--	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion
Power-steering	--	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	15	15	15	15
Track front	mm	1535	1535	1521	1521
Width of the rear track	mm	1569	1569	1556	1556
Wheel offset front	mm	33	33	40	40
Wheel offset rear	mm	33	33	40	40
A	m²	2.14	2.14	2.14	2.14
Cx	--	0.3	0.3	0.3	0.3
Air resistance	m²	0.64	0.64	0.64	0.64
top speed [km/h]	km/h	212	212	228	228
top speed [mph]	mph	132	132	142	142
0-62mph	s	8.3	8.1	7.1	7
50-75mph (5th gear)	s	9.2	-	7.2	-
Fuel Consumption and emissions					
16" wheels (25A, 2FD, 27A)					
KV01 city	mpg (l/100km)	58.9 (4.8)	60.1 (4.7)	-	-
KV01 Highway	mpg (l/100km)	80.7 (3.5)	78.5 (3.6)	-	-
KV01 Combined	mpg (l/100km)	70.6 (4.0)	70.6 (4.0)	-	-
CO2	g/km	104	105	-	-
17" wheels (24A, 2DT, 2LP, 2AS, 23D)					
KV01 city	mpg (l/100km)	56.5 (5.0)	60.1 (4.7)	53.3 (5.3)	57.6 (4.9)
KV01 Highway	mpg (l/100km)	78.5 (3.6)	78.5 (3.6)	76.3 (3.7)	76.3 (3.7)
KV01 Combined	mpg (l/100km)	68.9 (4.1)	70.6 (4.0)	65.7 (4.3)	68.9 (4.1)
CO2	g/km	109	105	114	109
18" wheels (2A7, 2PU, 21A, 2PG)					
KV01 city	mpg (l/100km)	54.3 (5.2)	57.9 (4.9)	51.4 (5.5)	55.4 (5.1)
KV01 Highway	mpg (l/100km)	74.3 (3.8)	74.3 (3.8)	72.4 (3.9)	72.4 (3.9)
KV01 Combined	mpg (l/100km)	65.7 (4.3)	67.3 (4.2)	62.8 (4.5)	65.7 (4.3)
CO2	g/km	114	110	118	114
Emission classification (type-certified)	--	EU6	EU6	EU6	EU6
CO	g/km	0.2487	0.169	0.1808	0.1019
NOx	g/km	0.0289	0.0295	0.0239	0.0199
HC	g/km	-	-	-	-
NMHC	g/km	-	-	-	-
HC+NOx	g/km	0.0461	0.0355	0.0414	0.0256
Particles	g/km	0.00005	0.00009	0.00002	0.00007
Driving noise	dB(A)	75	73	71	69
Standing noise	dB(A)	76	76	75	75
Standing noise / rpm	1/min	3000	3000	3000	3000
SCR Tank	--	No	No	No	No
AdBlue tank capacity	litres	-	-	-	-
Battery Capacity (low voltage)	Ah	80	90	80	90
System voltage (low voltage)	V	12	12	12	12
Engineoil	--	5.3	5.3	5.3	5.3
Engine type	--	in line	in line	in line	in line
Fuel management	--	DDE 7.01	DDE 7.01	DDE 7.01	DDE 7.01
Charging Type	--	VTG (Variable Turbine Geometry	VTG (Variable Turbine Geometry	VTG (Variable Turbine Geometry	VTG (Variable Turbine Geometry
Charging Technique	--	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology
Injection type	--	Common rail direct injection	Common rail direct injection	Common rail direct injection	Common rail direct injection
Injection technique	--	CRS 2-20	CRS 2-20	CRS 2-20	CRS 2-20
Suspension type front	--	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle
Rear suspension	--	five-link suspension	five-link suspension	five-link suspension	five-link suspension
Front brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Rear brake	--	disc	disc	disc ventilated	disc ventilated
Generator amperage	A	150	150	150	150
Alternator output	W	2100	2100	2100	2100
BMW EfficientDynamics					
Auto Start-Stop		●	●	●	●
Brake Energy Regeneration		●	●	●	●
ECO PRO mode		●	●	●	●
Electric Power Steering (EPS)		●	●	●	●
Lightweight engineering		●	●	●	●
Optimum Shift Indicator (with 205/2TB on in manual mode)		●	●	●	●
Reduced rolling resistance tyres		●	●	●	●

1 Series 5-door [F20 LCI] and 3-door [F21 LCI] Effective Production Week 44 2017

Changes from Production week 44, 2017.		120d xDrive 5-door	125d 5-door
		B47D20O0	B47D20T0
Engine type		automatic transmission 8	automatic transmission 8
Transmission type			
Seats	--	5	5
Number of Doors	--	5	5
Veh. Length (without number plate)	mm	4329	4329
Width	mm	1765	1765
Height	mm	1421	1421
Veh. Height max.	mm	1440	1440
Width inc. mirrors	mm	1984	1984
Width incl.mirror driver	mm	1001	1001
Width incl.mirror passengers side	mm	983	983
Wheelbase	mm	2690	2690
Overhang front	mm	770	770
Rear overhang	mm	869	869
Turning circle	m	11.3	10.9
Ground clearance	mm	140	140
Shoulder width front	mm	1386	1386
Shoulder room rear	mm	1366	1366
Elbow width front	mm	1400	1400
Elbowroom rear	mm	1417	1417
Effective legroom front	mm	1055	1055
Effective legroom rear second seating row	mm	837	837
Max. headroom front	mm	1018	1018
Maximum headroom rear	mm	972	972
Headroom front with sunroof	mm	990	990
Maximum headroom rear with sunroof	mm	937	937
Knee clearance	mm	5	5
Luggage volume (rear seats up/rear seats folded)	litres	360 -1,200	360 -1,200
Fuel tank capacity (approx.)	litres	52	52
Curb weight (DIN)	kg	1455	1430
curb weight (EC)	kg	1530	1505
rear Weight distribution (empty car)	%	46.8	48
Gross veh. weight	kg	2005	1995
Payload	kg	550	565
Axle load limit front	kg	975	940
Rear axle load limit	kg	1090	1115
Gross veh. weight w.trailer	kg	2080	2070
Rear axle load w. trailer	kg	1200	1205
Payload w. trailer	kg	625	640
Trailer load braked 12%	kg	1500	1500
Trailer load braked 8%	kg	1500	1500
Trailer load unbraked	kg	750	710
Trailer nose weight	kg	75	75
Roof load	kg	75	75
Engine type	--	B47D20O0	B47D20T0
Cylinders	--	4	4
Valves p.cyl.	--	4	4
Stroke	mm	90	90
Bore	mm	84	84
Displacement	cm³	1995	1995
Compression rate	:1	16.5	16.5
Rated engine power [kW]	kW	140	165
Engine power (HP)	HP	190	224
Engine power [bHP]	bHP	188	221
at rpm	1/min	4000	4400
Engine torque	Nm	400	450
Engine torque	ft lbs	295	332
at rpm	1/min	1750-2500	1500-3000
Fuel type	--	diesel	diesel
Useable Fuel quality	--	Diesel	Diesel
recomm.	--	Diesel	Diesel
Engine oil (filling quantity)	liter	5	5
Output per litre	kW/dm³	70.2	82.7
Power to weight ratio	kg/kW	10.4	8.7
Transmission type	--	8HP50	8HP50
Transmission type	--	automatic transmission	automatic transmission
Gear ratios 1st gear	--	5	5
2nd	--	3.2	3.2
3rd	--	2.143	2.143
4th	--	1.72	1.72
5th	--	1.314	1.314
6th	--	1	1
7th	--	0.822	0.822
8th	--	0.64	0.64
Reverse gear	--	3.456	3.456
Final drive ratio	--	2.647	2.647
Steering type	--	rack-and-pinion	rack-and-pinion
Power-steering	--	EPS	EPS
Steering transmission, overall	:1	15.1	15
Track front	mm	1522	1521
Width of the rear track	mm	1556	1556
Wheel offset front	mm	40	40
Wheel offset rear	mm	40	40
A	m²	2.14	2.14
Cx	--	0.31	0.31
Air resistance	m²	0.66	0.66
top speed [km/h]	km/h	222	240
top speed [mph]	mph	138	149
0-62mph	s	6.8	6.3
50-75mph (5th gear)	s	-	-
Fuel Consumption and emissions			
16" wheels (25A, 2FD, 27A)			
KV01 city	mpg (l/100km)	-	-
KV01 Highway	mpg (l/100km)	-	-
KV01 Combined	mpg (l/100km)	-	-
CO2	g/km	-	-
17" wheels (24A, 2DT, 2LP, 2AS, 23D)			
KV01 city	mpg (l/100km)	53.3 (5.3)	-
KV01 Highway	mpg (l/100km)	68.9 (4.1)	-
KV01 Combined	mpg (l/100km)	62.8 (4.5)	-
CO2	g/km	119	-
18" wheels (2A7, 2PU, 21A, 2PG)			
KV01 city	mpg (l/100km)	51.4 (5.5)	52.3 (5.4)
KV01 Highway	mpg (l/100km)	65.7 (4.3)	68.9 (4.1)
KV01 Combined	mpg (l/100km)	60.1 (4.7)	61.4 (4.6)
CO2	g/km	124	121
Emission classification (type-certified)	--	EU6	EU6
CO	g/km	0.1019	0.1051
NOx	g/km	0.0199	0.0368
HC	g/km	-	-
NMHC	g/km	-	-
HC+NOx	g/km	0.0256	0.0453
Particles	g/km	0.00007	0.00001
Driving noise	dB(A)	69	68
Standing noise	dB(A)	75	78
Standing noise / rpm	1/min	3000	3300
SCR Tank	--	No	No
AdBlue tank capacity	litres	-	-
Battery Capacity (low voltage)	Ah	90	90
System voltage (low voltage)	V	12	12
Engineoil	--	5.3	5.3
Engine type	--	in line	in line
Fuel management	--	DDE 7.01	DDE 7.51
Charging Type	--	VTG (Variable Turbine Geometry	Bi-VTG
Charging Technique	--	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology
Injection type	--	Common rail direct injection	Common rail direct injection
Injection technique	--	CRS 2-20	CRS 3-25
Suspension type front	--	2-link drive suspension strut axle	2-link drive suspension strut axle
Rear suspension	--	five-link suspension	five-link suspension
Front brake	--	disc ventilated	disc ventilated
Rear brake	--	disc ventilated	disc ventilated
Generator amperage	A	150	150
Alternator output	W	2100	2100
BMW EfficientDynamics			
Auto Start-Stop		●	●
Brake Energy Regeneration		●	●
ECO PRO mode		●	●
Electric Power Steering (EPS)		●	●
Lightweight engineering		●	●
Optimum Shift Indicator (with 205/2TB on in manual mode)		●	●
Reduced rolling resistance tyres		●	●

1 Series 5-door [F20 LCI] and 3-door [F21 LCI] Effective Production Week 44 2017

Changes from Production week 44, 2017.

		118i 3-door	118i 3-door	120i 3-door	120i 3-door	125i 3-door
		B38B15M0	B38B15M0	B48B20M0	B48B20M0	B48B20O0
		manual transmission 6	automatic transmission 8	manual transmission 6	automatic transmission 8	automatic transmission 8
Engine type	--	B38B15M0	B38B15M0	B48B20M0	B48B20M0	B48B20O0
Cylinders	--	3	3	4	4	4
Valves p.cyl.	--	4	4	4	4	4
Stroke	mm	94.6	94.6	94.6	94.6	94.6
Bore	mm	82	82	82	82	82
Displacement	cm ³	1499	1499	1998	1998	1998
Compression rate	:1	11	11	11	11	10.2
Rated engine power [kW]	kW	100	100	135	135	165
Engine power (HP)	HP	136	136	184	184	224
Engine power [bHP]	bHP	134	134	181	181	221
at rpm	1/min	4400	4400	5000	5000	5200-6500
Engine torque	Nm	220	220	290	270	310
Engine torque	ft lbs	162	162	214	199	229
at rpm	1/min	1250-4300	1250-4300	1350-4250	1350-4600	1400-5000
Fuel type	--	gasoline	gasoline	gasoline	gasoline	gasoline
Useable Fuel quality	--	ROZ90-98	ROZ90-98	ROZ90-98	ROZ90-98	ROZ90-98
recomm.	--	ROZ95	ROZ95	ROZ95	ROZ95	ROZ95
Engine oil (filling quantity)	liter	4.25	4.25	5.25	5.25	5.25
Output per litre	kW/dm ³	66.7	66.7	67.6	67.6	82.6
Power to weight ratio	kg/kW	13.1	13.2	10.1	10.2	8.5
Transmission type	--	I-250-Turbo	8HP50-1	I-weit	8HP50	8HP50
Transmission type	--	manual transmission	automatic transmission	manual transmission	automatic transmission	automatic transmission
Gear ratios 1st gear	--	4.552	4.714	4.002	5	5
2nd	--	2.548	3.143	2.13	3.2	3.2
3rd	--	1.659	2.106	1.396	2.143	2.143
4th	--	1.23	1.667	1	1.72	1.72
5th	--	1	1.285	0.781	1.314	1.314
6th	--	0.83	1	0.668	1	1
7th	--	-	0.839	-	0.822	0.822
8th	--	-	0.667	-	0.64	0.64
Reverse gear	--	4.138	3.295	3.647	3.456	3.456
Final drive ratio	--	2.813	3.077	3.385	2.813	2.813
Steering type	--	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion
Power-steering	--	EPS	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	15	15	15	15	15
Track front	mm	1535	1535	1535	1535	1521
Width of the rear track	mm	1569	1569	1569	1569	1556
Wheel offset front	mm	33	33	33	33	40
Wheel offset rear	mm	33	33	33	33	40
A	m ²	2.14	2.14	2.14	2.14	2.14
Cx	--	0.31	0.31	0.31	0.31	0.32
Air resistance	m ²	0.66	0.66	0.66	0.66	0.68
top speed [km/h]	km/h	210	210	230	225	243
top speed [mph]	mph	130	130	143	140	151
0-62mph	s	8.5	8.7	7.1	7.1	6.1
50-75mph (5th gear)	s	10.6	-	-	-	-
Fuel Consumption and emissions						
16" wheels (25A, 2FD, 27A)						
KV01 city	mpg (l/100km)	45.6 (6.2)	47.9 (5.9)	-	-	-
KV01 highway	mpg (l/100km)	65.7 (4.3)	67.3 (4.2)	-	-	-
KV01 combined	mpg (l/100km)	56.5 (5.0)	58.9 (4.8)	-	-	-
CO2 combined	g/km	116	112	-	-	-
17" wheels (24A, 2DT, 2LP, 2AS, 23D)						
KV01 city	mpg (l/100km)	43.5 (6.5)	44.8 (6.3)	35.3 (8.0)	38.2 (7.4)	-
KV01 highway	mpg (l/100km)	62.8 (4.5)	62.8 (4.5)	57.6 (4.9)	57.6 (4.9)	-
KV01 combined	mpg (l/100km)	53.3 (5.3)	55.5 (5.1)	47.1 (6.0)	48.7 (5.8)	-
CO2 combined	g/km	123	119	138	133	-
18" wheels (2A7, 2PU, 21A, 2PG)						
KV01 city	mpg (l/100km)	42.2 (6.7)	44.1 (6.4)	34.9 (8.1)	38.2 (7.4)	38.2 (7.4)
KV01 highway	mpg (l/100km)	60.1 (4.7)	61.4 (4.6)	56.5 (5.0)	56.5 (5.0)	56.5 (5.0)
KV01 combined	mpg (l/100km)	52.3 (5.4)	54.3 (5.2)	46.3 (6.1)	47.9 (5.9)	47.9 (5.9)
CO2 combined	g/km	126	122	140	135	134
Emission classification (type-certified)	--	EU6	EU6	EU6	EU6	EU6
CO	g/km	0.1641	0.2156	0.2769	0.2563	0.263
NOx	g/km	0.0162	0.0106	0.0291	0.047	0.0338
HC	g/km	0.0414	0.0377	0.0465	0.0665	0.0549
NMHC	g/km	-	0.0278	0.0365	0.0566	0.0477
HC+NOx	g/km	-	-	-	-	-
Particles	g/km	0.00035	0.00052	0.00027	0.00018	0.00038
Driving noise	dB(A)	71	66	74	69	71
Standing noise	dB(A)	77	77	88	82	85
Standing noise / rpm	1/min	3300	3300	3750	3750	3750
SCR Tank	--	No	No	No	No	No
AdBlue tank capacity	litres	-	-	-	-	-
Battery Capacity (low voltage)	Ah	90	80	80	80	80
System voltage (low voltage)	V	12	12	12	12	12
Engineoil	--	4.5	4.5	5.25	5.25	5.25
Engine type	--	in line	in line	in line	in line	in line
Fuel management	--	MEVD 17.2.3	MEVD 17.2.3	TBC	TBC	TBC
Charging Type	--	TwinPower Turbo	TwinPower Turbo	TwinScroll Turbo	TwinPower Turbo	TwinPower Turbo
Charging Technique	--	TwinScroll Turbo Technology	TwinScroll Turbo Technology	TwinScroll Turbo Technology	TwinScroll Turbo Technology	TwinScroll Turbo Technology
Injection type	--	High precision direct injection	High precision direct injection	High precision direct injection	High precision direct injection	High precision direct injection
Injection technique	--	DI	DI	DI2,VVT	DI2,VVT	DI2,VVT
Suspension type front	--	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle
Rear suspension	--	five-link suspension	five-link suspension	five-link suspension	five-link suspension	five-link suspension
Front brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Rear brake	--	disc	disc	disc	disc	disc ventilated
Generator amperage	A	180	180	TBC	TBC	TBC
Alternator output	W	2520	2520	TBC	TBC	TBC
BMW EfficientDynamics						
Auto Start-Stop	●	●	●	●	●	●
Brake Energy Regeneration	●	●	●	●	●	●
ECO PRO mode	●	●	●	●	●	●
Electric Power Steering (EPS)	●	●	●	●	●	●
Lightweight engineering	●	●	●	●	●	●
Optimum Shift Indicator (with 205/2TB on in manual mode)	●	●	●	●	●	●
Reduced rolling resistance tyres	●	●	●	●	●	●

1 Series 5-door [F20 LCI] and 3-door [F21 LCI] Effective Production Week 44 2017

Changes from Production week 44, 2017.		M140i 3-door	M140i 3-door	116d 3-door	116d 3-door
		B58B30M0	B58B30M0	B37D15U0	B37D15U0
Transmission type		manual transmission 6	automatic transmission 8	manual transmission 6	automatic transmission 8
Seats	--	5	5	5	5
Number of Doors	--	5	5	5	5
Veh. Length (without number plate)	mm	4324	4324	4329	4329
Width	mm	1765	1765	1765	1765
Height	mm	1411	1411	1421	1421
Veh. Height max.	mm	1430	1430	1440	1440
Width inc. mirrors	mm	1984	1984	1984	1984
Width incl.mirror driver	mm	1001	1001	1001	1001
Width incl.mirror passengers side	mm	983	983	983	983
Wheelbase	mm	2690	2690	2690	2690
Overhang front	mm	765	765	770	770
Rear overhang	mm	869	869	869	869
Turning circle	m	10.9	10.9	10.9	10.9
Ground clearance	mm	130	130	140	140
Shoulder width front	mm	1386	1386	1386	1386
Shoulder room rear	mm	1366	1366	1366	1366
Elbow width front	mm	1400	1400	1400	1400
Elbowroom rear	mm	1417	1417	1417	1417
Effective legroom front	mm	1055	1055	1055	1055
Effective legroom rear second seating row	mm	837	837	837	837
Max. headroom front	mm	1018	1018	1018	1018
Maximum headroom rear	mm	972	972	972	972
Headroom front with sunroof	mm	990	990	990	990
Maximum headroom rear with sunroof	mm	937	937	937	937
Knee clearance	mm	5	5	5	5
Luggage volume (rear seats up/rear seats folded)	litres	360 -1,200	360 -1,200	360 -1,200	360 -1,200
Fuel tank capacity (approx.)	litres	52	52	52	52
Curb weight (DIN)	kg	1445	1470	1320	1350
curb weight (EC)	kg	1520	1545	1395	1425
rear Weight distribution (empty car)	%	47.1	47	49.3	48.2
Gross veh. weight	kg	2010	2035	1885	1915
Payload	kg	565	565	565	565
Axle load limit front	kg	970	970	885	885
Rear axle load limit	kg	1120	1120	1090	1090
Gross veh. weight w.trailer	kg	-	-	1960	1990
Rear axle load w. trailer	kg	-	-	1195	1195
Payload w. trailer	kg	-	-	640	640
Trailer load braked 12%	kg	-	-	1500	1500
Trailer load braked 8%	kg	-	-	1500	1500
Trailer load unbraked	kg	-	-	690	690
Trailer nose weight	kg	-	-	75	75
Roof load	kg	75	75	75	75
Engine type	--	B58B30M0	B58B30M0	B37D15U0	B37D15U0
Cylinders	--	6	6	3	3
Valves p.cyl.	--	4	4	4	4
Stroke	mm	94.6	94.6	90	90
Bore	mm	82	82	84	84
Displacement	cm³	2998	2998	1496	1496
Compression rate	:1	11	11	16.5	16.5
Rated engine power [kW]	kW	250	250	85	85
Engine power (HP)	HP	340	340	116	116
Engine power [bHP]	bHP	335	335	114	114
at rpm	1/min	5500	5500	4000	4000
Engine torque	Nm	500	500	270	270
Engine torque	ft lbs	369	369	199	199
at rpm	1/min	1520-4500	1520-4500	1750-2250	1750-2250
Fuel type	--	gasoline	gasoline	diesel	diesel
Useable Fuel quality	--	ROZ90-98	ROZ90-98	Diesel	Diesel
recomm.	--	ROZ95	ROZ95	Diesel	Diesel
Engine oil (filling quantity)	liter	6.5	6.5	4.4	4.4
Output per litre	kW/dm³	83.4	83.4	56.8	56.8
Power to weight ratio	kg/kW	5.8	5.9	15.5	15.9
Transmission type	--	K-Benzin-BK	8HP50	I-Diesel-BK-lang	8HP50-1
Transmission type	--	manual transmission	automatic transmission	manual transmission	automatic transmission
Gear ratios 1st gear	--	4.11	5	4.002	4.714
2nd	--	2.315	3.2	2.109	3.143
3rd	--	1.542	2.143	1.38	2.106
4th	--	1.179	1.72	1	1.667
5th	--	1	1.314	0.781	1.285
6th	--	0.846	1	0.603	1
7th	--	-	0.822	-	0.839
8th	--	-	0.64	-	0.667
Reverse gear	--	3.727	3.456	3.647	3.295
Final drive ratio	--	3.077	2.813	3.077	2.647
Steering type	--	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion
Power-steering	--	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	14.5	14.5	15	15
Track front	mm	1516	1516	1535	1535
Width of the rear track	mm	1534	1534	1569	1569
Wheel offset front	mm	45	45	33	33
Wheel offset rear	mm	52	52	33	33
A	m²	2.14	2.14	2.14	2.14
Cx	--	0.34	0.34	0.3	0.3
Air resistance	m²	0.73	0.73	0.64	0.64
top speed [km/h]	km/h	250	250	200	200
top speed [mph]	mph	155	155	124	124
0-62mph	s	4.8	4.6	10.3	10.3
50-75mph (5th gear)	s	-	-	11.7	-
Fuel Consumption and emissions					
16" wheels (25A, 2FD, 27A)					
KV01 city	mpg (l/100km)	-	-	68.9 (4.1)	68.9 (4.1)
KV01 highway	mpg (l/100km)	-	-	85.6 (3.3)	78.5 (3.6)
KV01 combined	mpg (l/100km)	-	-	78.5 (3.6)	3.8
CO2 combined	g/km	-	-	94	99
17" wheels (24A, 2DT, 2LP, 2AS, 23D)					
KV01 city	mpg (l/100km)	-	-	62.8 (4.5)	65.7 (4.3)
KV01 highway	mpg (l/100km)	-	-	80.7 (3.5)	74.3 (3.8)
KV01 combined	mpg (l/100km)	-	-	72.4 (3.9)	70.6 (4.0)
CO2 combined	g/km	-	-	103	105
18" wheels (2A7, 2PU, 21A, 2PG)					
KV01 city	mpg (l/100km)	26.6 (10.6)	30.1 (9.4)	60.1 (4.7)	64.2 (4.4)
KV01 highway	mpg (l/100km)	45.6 (6.2)	48.7 (5.8)	78.5 (3.6)	72.4 (3.9)
KV01 combined	mpg (l/100km)	36.2 (7.8)	39.8 (7.1)	70.6 (4.0)	68.9 (4.1)
CO2 combined	g/km	179	163	106	108
Emission classification (type-certified)	--	EU6	EU6	EU6	EU6
CO	g/km	0.2807	0.3755	0.1725	0.0863
NOx	g/km	0.0501	0.0325	0.0287	0.0252
HC	g/km	0.0643	0.0579	-	-
NMHC	g/km	0.0517	0.042	-	-
HC+NOx	g/km	-	-	0.0623	0.0517
Particles	g/km	0.00034	0.00023	0.00009	0.00007
Driving noise	dB(A)	73	72	68	68
Standing noise	dB(A)	83	83	74	74
Standing noise / rpm	1/min	3750	3750	3000	3000
SCR Tank	--	No	No	No	No
AdBlue tank capacity	litres	-	-	-	-
Battery Capacity (low voltage)	Ah	80	80	90	90
System voltage (low voltage)	V	12	12	12	12
Engineoil	--	6.5	6.5	4.7	4.7
Engine type	--	in line	in line	in line	in line
Fuel management	--	TBC	TBC	DDE 7.01	DDE 7.01
Charging Type	--	TwinScroll Turbo	TwinScroll Turbo	VTG (Variable Turbine Geometry	VTG (Variable Turbine Geometry
Charging Technique	--	TwinScroll Turbo Technology	TwinScroll Turbo Technology	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology
Injection type	--	High precision direct injection	High precision direct injection	Common rail direct injection	Common rail direct injection
Injection technique	--	DI2,VVT	DI2,VVT	CRS 2-20	CRS 2-20
Suspension type front	--	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle
Rear suspension	--	five-link suspension	five-link suspension	five-link suspension	five-link suspension
Front brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Rear brake	--	disc ventilated	disc ventilated	disc	disc
Generator amperage	A	TBC	TBC	180	180
Alternator output	W	TBC	TBC	2520	2520
BMW EfficientDynamics					
Auto Start-Stop		●	●	●	●
Brake Energy Regeneration		●	●	●	●
ECO PRO mode		●	●	●	●
Electric Power Steering (EPS)		●	●	●	●
Lightweight engineering		●	●	●	●
Optimum Shift Indicator (with 205/2TB on in manual mode)		●	●	●	●
Reduced rolling resistance tyres		●	●	●	●

1 Series 5-door [F20 LCI] and 3-door [F21 LCI] Effective Production Week 44 2017

Changes from Production week 44, 2017.		118d 3-door	118d 3-door	120d 3-door	120d 3-door	125d 3-door
		B47D20U0	B47D20U0	B47D20O0	B47D20O0	B47D20T0
		manual transmission 6	automatic transmission 8	manual transmission 6	automatic transmission 8	automatic transmission 8
Engine type	--	B47D20U0	B47D20U0	B47D20O0	B47D20O0	B47D20T0
Transmission type	--	manual transmission 6	automatic transmission 8	manual transmission 6	automatic transmission 8	automatic transmission 8
Seats	--	5	5	5	5	5
Number of Doors	--	5	5	5	5	5
Veh. Length (without number plate)	mm	4329	4329	4329	4329	4329
Width	mm	1765	1765	1765	1765	1765
Height	mm	1421	1421	1421	1421	1421
Veh. Height max.	mm	1440	1440	1440	1440	1440
Width inc. mirrors	mm	1984	1984	1984	1984	1984
Width incl.mirror driver	mm	1001	1001	1001	1001	1001
Width incl.mirror passengers side	mm	983	983	983	983	983
Wheelbase	mm	2690	2690	2690	2690	2690
Overhang front	mm	770	770	770	770	770
Rear overhang	mm	869	869	869	869	869
Turning circle	m	10.9	10.9	10.9	10.9	10.9
Ground clearance	mm	140	140	140	140	140
Shoulder width front	mm	1386	1386	1386	1386	1386
Shoulder room rear	mm	1366	1366	1366	1366	1366
Elbow width front	mm	1400	1400	1400	1400	1400
Elbowroom rear	mm	1417	1417	1417	1417	1417
Effective legroom front	mm	1055	1055	1055	1055	1055
Effective legroom rear second seating row	mm	837	837	837	837	837
Max. headroom front	mm	1018	1018	1018	1018	1018
Maximum headroom rear	mm	972	972	972	972	972
Headroom front with sunroof	mm	990	990	990	990	990
Maximum headroom rear with sunroof	mm	937	937	937	937	937
Knee clearance	mm	5	5	5	5	5
Luggage volume (rear seats up/rear seats folded)	litres	360 -1,200	360 -1,200	360 -1,200	360 -1,200	360 -1,200
Fuel tank capacity (approx.)	litres	52	52	52	52	52
Curb weight (DIN)	kg	1350	1375	1370	1385	1425
curb weight (EC)	kg	1425	1450	1450	1460	1500
rear Weight distribution (empty car)	%	48.6	48.1	48.6	48.4	47.8
Gross veh. weight	kg	1915	1940	1940	1955	1995
Payload	kg	565	565	565	565	565
Axle load limit front	kg	900	900	900	900	940
Rear axle load limit	kg	1090	1090	1090	1090	1115
Gross veh. weight w.trailer	kg	1990	2015	2015	2030	2070
Rear axle load w. trailer	kg	1195	1195	1200	1200	1205
Payload w. trailer	kg	640	640	640	640	640
Trailer load braked 12%	kg	1500	1500	1500	1500	1500
Trailer load braked 8%	kg	1500	1500	1500	1500	1500
Trailer load unbraked	kg	690	690	710	710	710
Trailer nose weight	kg	75	75	75	75	75
Roof load	kg	75	75	75	75	75
Engine type	--	B47D20U0	B47D20U0	B47D20O0	B47D20O0	B47D20T0
Cylinders	--	4	4	4	4	4
Valves p.cyl.	--	4	4	4	4	4
Stroke	mm	90	90	90	90	90
Bore	mm	84	84	84	84	84
Displacement	cm ³	1995	1995	1995	1995	1995
Compression rate	:1	16.5	16.5	16.5	16.5	16.5
Rated engine power [kW]	kW	110	110	140	140	165
Engine power (HP)	HP	150	150	190	190	224
Engine power [bHP]	bHP	148	148	188	188	221
at rpm	1/min	4000	4000	4000	4000	4400
Engine torque	Nm	320	320	400	400	450
Engine torque	ft lbs	236	236	295	295	332
at rpm	1/min	1500-3000	1500-3000	1750-2500	1750-2500	1500-3000
Fuel type	--	diesel	diesel	diesel	diesel	diesel
Useable Fuel quality	--	Diesel	Diesel	Diesel	Diesel	Diesel
recomm.	--	Diesel	Diesel	Diesel	Diesel	Diesel
Engine oil (filling quantity)	liter	5	5	5	5	5
Output per litre	kWh/dm ³	55.1	55.1	70.2	70.2	82.7
Power to weight ratio	kg/kW	12.3	12.5	9.8	9.9	8.7
Transmission type	--	I-Diesel-BK	8HP50	K weit	8HP50	8HP50
Transmission type	--	manual transmission	automatic transmission	manual transmission	automatic transmission	automatic transmission
Gear ratios 1st gear	--	4.002	5	4.11	5	5
2nd	--	2.109	3.2	2.248	3.2	3.2
3rd	--	1.396	2.143	1.403	2.143	2.143
4th	--	1	1.72	1	1.72	1.72
5th	--	0.781	1.314	0.802	1.314	1.314
6th	--	0.668	1	0.659	1	1
7th	--	-	0.822	-	0.822	0.822
8th	--	-	0.64	-	0.64	0.64
Reverse gear	--	3.647	3.456	3.727	3.456	3.456
Final drive ratio	--	3.077	2.647	3.077	2.647	2.647
Steering type	--	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion	rack-and-pinion
Power-steering	--	EPS	EPS	EPS	EPS	EPS
Steering transmission, overall	:1	15	15	15	15	15
Track front	mm	1535	1535	1521	1521	1521
Width of the rear track	mm	1569	1569	1556	1556	1556
Wheel offset front	mm	33	33	40	40	40
Wheel offset rear	mm	33	33	40	40	40
A	m ²	2.14	2.14	2.14	2.14	2.14
Cx	--	0.3	0.3	0.3	0.3	0.31
Air resistance	m ²	0.64	0.64	0.64	0.64	0.66
top speed [km/h]	km/h	212	212	228	228	240
top speed [mph]	mph	132	132	142	142	149
0-62mph	s	8.3	8.1	7.1	7	6.3
50-75mph (5th gear)	s	9.2	-	7.2	-	-
Fuel Consumption and emissions						
16" wheels (25A, 2FD, 27A)						
KV01 city	mpg (l/100km)	58.9 (4.8)	60.1 (4.7)	-	-	-
KV01 highway	mpg (l/100km)	80.7 (3.5)	78.5 (3.6)	-	-	-
KV01 combined	mpg (l/100km)	70.6 (4.0)	70.6 (4.0)	-	-	-
CO2 combined	g/km	104	105	-	-	-
17" wheels (24A, 2DT, 2LP, 2AS, 23D)						
KV01 city	mpg (l/100km)	56.5 (5.0)	60.1 (4.7)	53.3 (5.3)	57.6 (4.9)	-
KV01 highway	mpg (l/100km)	78.5 (3.6)	78.5 (3.6)	76.3 (3.7)	76.3 (3.7)	-
KV01 combined	mpg (l/100km)	68.9 (4.1)	70.6 (4.0)	65.7 (4.3)	68.9 (4.1)	-
CO2 combined	g/km	109	105	114	109	-
18" wheels (2A7, 2PU, 21A, 2PG)						
KV01 city	mpg (l/100km)	54.3 (5.2)	57.9 (4.9)	51.4 (5.5)	55.4 (5.1)	52.3 (5.4)
KV01 highway	mpg (l/100km)	74.3 (3.8)	74.3 (3.8)	72.4 (3.9)	72.4 (3.9)	68.9 (4.1)
KV01 combined	mpg (l/100km)	65.7 (4.3)	67.3 (4.2)	62.8 (4.5)	65.7 (4.3)	61.4 (4.6)
CO2 combined	g/km	114	110	118	114	121
Emission classification (type-certified)	--	EU6	EU6	EU6	EU6	EU6
CO	g/km	0.2487	0.169	0.1808	0.1019	0.1051
NOx	g/km	0.0289	0.0295	0.0239	0.0199	0.0368
HC	g/km	-	-	-	-	-
NMHC	g/km	-	-	-	-	-
HC+NOx	g/km	0.0461	0.0355	0.0414	0.0256	0.0453
Particles	g/km	0.00005	0.00009	0.00002	0.00007	0.00001
Driving noise	dB(A)	75	73	71	69	68
Standing noise	dB(A)	76	76	75	75	78
Standing noise / rpm	1/min	3000	3000	3000	3000	3300
SCR Tank	--	No	No	No	No	No
AdBlue tank capacity	litres	-	-	-	-	-
Battery Capacity (low voltage)	Ah	80	90	80	90	90
System voltage (low voltage)	V	12	12	12	12	12
Engineoil	--	5.3	5.3	5.3	5.3	5.3
Engine type	--	in line	in line	in line	in line	in line
Fuel management	--	DDE 7.01	DDE 7.01	DDE 7.01	DDE 7.01	DDE 7.51
Charging Type	--	VTG (Variable Turbine Geometry	VTG (Variable Turbine Geometry	VTG (Variable Turbine Geometry	VTG (Variable Turbine Geometry	Bi-VTG
Charging Technique	--	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology	Variable Geometry Turbo Technology
Injection type	--	Common rail direct injection	Common rail direct injection	Common rail direct injection	Common rail direct injection	Common rail direct injection
Injection technique	--	CRS 2-20	CRS 2-20	CRS 2-20	CRS 2-20	CRS 3-25
Suspension type front	--	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle	2-link drive suspension strut axle
Rear suspension	--	five-link suspension	five-link suspension	five-link suspension	five-link suspension	five-link suspension
Front brake	--	disc ventilated	disc ventilated	disc ventilated	disc ventilated	disc ventilated
Rear brake	--	disc	disc	disc ventilated	disc ventilated	disc ventilated
Generator amperage	A	150	150	150	150	150
Alternator output	W	2100	2100	2100	2100	2100
BMW EfficientDynamics						
Auto Start-Stop	●	●	●	●	●	●
Brake Energy Regeneration	●	●	●	●	●	●
ECO PRO mode	●	●	●	●	●	●
Electric Power Steering (EPS)	●	●	●	●	●	●
Lightweight engineering	●	●	●	●	●	●
Optimum Shift Indicator (with 205/2TB on in manual mode)	●	●	●	●	●	●
Reduced rolling resistance tyres	●	●	●	●	●	●