





MODEL

F06 (6 Series Gran Coupe)	F07 (5 Series Gran Turismo)	F12 (6 Series Convertible)	F13 (6 Series Coupe)
F22 (2 Series Coupe except M2)	F23 (2 Series Convertible)	F30 (3 Series Sedan except M3)	F31 (3 Series Sports Wagon)
F32 (4 Series Coupe except M4)	F33 (4 Series Convertible except M4)	F34 (3 Series Gran Turismo)	F36 (4 Series Gran Coupe)
F80 (M3 Sedan)	F82 (M4 Coupe)	F83 (M4 Convertible)	F87 (M2 Coupe)
G12 (7 Series)	 G30 (5 Series Sedan)		


SITUATION

Model	Production Start	Comments
230i, M240i Coupe; incl. xDrive	Jul-16	230i: New 2.0-liter B46 SULEV 4-cyl. engine, rated at 248 bHp and 258 lb. ft torque.
		M240i: New 3.0-liter B58 6-cyl. engine, rated at 335 bHp and 369 lb.ft torque.
230i, M240i Convertible; incl. xDrive	Jul-16	“
M2 Coupe	Jul-16	No changes in maintenance compared to 2016 models.
320i, 328d, 330i, 340i Sedan; incl. xDrive	Jul-16	330i: New 2.0-liter B46 SULEV 4-cyl. engine, rated at 248 bHp and 258 lb. ft torque.
330e iPerformance Sedan	Jul-16	No changes in maintenance compared to 2016 model.
M3 Sedan	Jul-16	No changes in maintenance compared to 2016 model.
330i xDrive, 328d xDrive Sports Wagon	Jul-16	330i xDrive: New 2.0-liter B46 SULEV 4-cyl. engine, rated at 248 bHp and 258 lb. ft torque.
330i xDrive, 340i xDrive Gran Turismo	Jul-16	Life Cycle Impulse (LCI) changes.
430i, 440i Coupe; incl. xDrive	Jul-16	330i: New 2.0-liter B46 SULEV 4-cyl. engine, rated at 248 bHp and 258 lb. ft torque.
		340i: New 3.0-liter B58 6-cyl. engine, rated at 322 bHp and 332 lb.ft torque.
		430i: New 2.0-liter B46 SULEV 4-cyl. engine, rated at 248 bHp and 258 lb. ft

		torque.
		440i: New 3.0-liter B58 6-cyl. engine, rated at 322 bHp and 332 lb.ft torque.
M4 Coupe	Jul-16	No changes in maintenance compared to 2016 model.
430i, 440i Convertible; incl. xDrive	Jul-16	430i: New 2.0-liter B46 SULEV 4-cyl. engine, rated at 248 bHp and 258 lb. ft torque.
		440i: New 3.0-liter B58 6-cyl. engine, rated at 322 bHp and 332 lb.ft torque.
M4 Convertible	Jul-16	No changes in maintenance compared to 2016 model.
430i, 440i Gran Coupe; incl. xDrive	Jul-16	430i: New 2.0-liter B46 SULEV 4-cyl. engine, rated at 248 bHp and 258 lb. ft torque.
		440i: New 3.0-liter B58 6-cyl. engine, rated at 322 bHp and 332 lb.ft torque.
535i, 535i xDrive, 550i xDrive Gran Turismo	Jul-16	No changes in maintenance compared to 2016 models.
 530i, 530i xDrive, 540i, 540i xDrive Sedan	November 2016*	Next-generation 5 Series, engineering designation G30. Successor to the F10. 530i utilizes the B46 4-cyl. 2.0 liter engine, rated at 248 bHp and 258 lb. ft torque. 540i receives the B58 6-cyl. 3.0 liter engine, rated at 335 bHp and 332 lb.ft torque. All models are available only with the 8-speed 8HP50 Steptronic sport automatic transmission.
640i, 650i incl. xDrive; M6, BMW ALPINA B6 xDrive	Mar-16	No changes in maintenance compared to 2016 models.
Gran Coupe		
640i, 650i incl. xDrive; M6 Convertible	Mar-16	“
640i, 650i incl. xDrive; M6 Coupe	Mar-16	“
740e xDrive	Jul-16	Plug-in Hybrid Electric Vehicle (PHEV) version of the G12. Powered by the B48 2.0 liter 4-cylinder gasoline engine rated at 255 bHp, and an electrical machine integrated into the 8-speed automatic transmission rated at 111 bHp. Combined powertrain output is rated at 322 bHp and 369 lb-ft torque.
740i, 750i; incl xDrive	Jul-16	740i: New 7 Series model, with B58 3.0 liter 6-cyl. TwinPower turbo engine, xDrive, and 8-speed sport automatic transmission.
BMW ALPINA B7 xDrive	Jul-16	New 7 Series model, with an ALPINA-tuned N63R 4.4 liter V8 engine rated at 600 bHp and 590 lb.ft torque.

 M760i xDrive	Nov. 2016	N74B66U1 6.6 liter 12-cylinder engine with M Performance Twin Power Turbo technology, rated at 601 bHp and 590 lb. ft torque.
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 * Available late January 2017

 Note: The 5 Series Sedan (F10) and the Z4 Roadster (E89) are no longer offered for model year 2017


17-digit Vehicle Identification Number (VIN): The 10th digit (model year identifier) utilizes the letter “H” for MY 2017.

A reference chart for 2017 BMW models which will become available through the end of 2016 is included for your convenience. **Refer to Attachment 6.**

Service Bulletin sections:

Topic	Purpose
New product information	Overall familiarization with new vehicle visual and operational features, prior to performing the QC1. Intended for all center personnel.
Quality Certification 1 (QC1)	Product details and clarifications relevant to preparing a vehicle for showroom display, test drives, or customer presentation. Intended for technicians and salespeople.
Maintenance	Overall maintenance aspects once a vehicle is retailed, especially if unusual operations are required. Details provided in an attachment. Intended for technicians.
General notes, Parts information, Warranty information	Intended for parts and warranty administrators.


New product information:

 M760i xDrive (G12):

BMW’s flagship sedan combines luxurious driving, style, safety and innovative technologies while embodying M Performance dynamics. These are enabled by BMW’s first 12-cylinder gasoline engine utilizing M Performance Twin Power Turbo technology.

Standard equipment:

- Integral Active Steering, first time combined with xDrive
- Active Comfort Drive with road preview
- Climate Comfort glass with an infrared light reducing film on all panes to reduce interior solar heating
- 8HP95 8-speed Sport Automatic transmission
- “V12” emblem on the C pillars
- M Sport large-diameter exhaust system with quad tips
- V12 logo on front door entry sills
- 20” mixed width rims with performance run-flat tires

 530i, 540i (G30)

BMW proudly introduces the 7th generation of the 5 Series Sedan. Although it has increased only a small amount in size compared to the predecessor, it now incorporates many new systems for driver assistance

and comfort. The use of magnesium, aluminum and high-strength steel results in a weight loss of up to 137 lbs compared to the corresponding F10.



The G30 is the first BMW to utilize the next-generation head unit/Central Information Display (CID) iDrive6.0 (ID6), featuring:

- Customer-selectable tile locations in the main menu
- Gesture control.
- Latest generation of Head-Up Display
- Remote 3D View
- Improved Voice Control with natural voice input

Available state of the art chassis systems:

- Integral Active Steering now combinable with xDrive
- Driver and Parking Assistance Systems
- Adaptive Mode including Dynamic Damper Control

New features as of 7/16 vehicle production which affect Quality Certification 1 (QC1):

F22, F23, F87, F30, F31, F32, F33, F34, F36 with option 430 (Auto-dimming interior and driver exterior mirrors)- Elimination of the automatic dimming feature on the passenger side outer mirror.

F30, F31, F32, F33, F34, F36 equipped with Sport line(standard) or the M sport package option 337: The “BMW” logo on the brake calipers has been deleted.

2, 3, 4 Series including M models, with optional Navigation (option code 609):

ID5 (iDrive Version 5) is introduced. It utilizes a different operating concept, along with the Central Information Display (CID) menu format similar to the design in the G12.

- "RADIO" button replaced by "COM"
- "TEL"-button replaced by "MAP". Activate TEL (hands-free phone) using the “COM” button (communications menu).

2016 model year	<div>UPDATE!</div> 2017 model year (5 Series Sedan with ID6; 6 and 7 Series shown; 2 through 4 Series similar)
A side-by-side comparison of two BMW iDrive head units. The unit on the left is from a 2016 model year, featuring a circular control knob with four directional arrows and buttons labeled MEDIA, MENU, TEL, RADIO, NAV, and a combined BACK/OPTION button. The unit on the right is from a 2017 model year, showing updates: the TEL button is replaced by MAP, the RADIO button is replaced by COM, and the MENU button is now integrated into the top of the control knob. The BACK/OPTION button remains at the bottom.	

All 6 Series received ID5 as of 3/16 vehicle production.

All 7 Series as of 7/16 vehicle production: The Display Key is now standard equipment.

UPDATE! All 7 Series except 740e from 7/16 production , and 540i as of 11/16 production: Remote Controlled Parking is available under option code 5DV, which also requires the Driver Assistance Plus Package option ZDB. The function is activated from a new Display Key.

This is a short-range remote parking function while the driver is standing outside of the vehicle. The benefits are:

- Improved comfort when getting in/out of vehicle- the driver and any occupants can utilize the full opening angle of the doors while the vehicle is still in a more generously sized space
- Efficient use of narrow parking spots
- Avoid scratching the doors while getting in/out of vehicle by not hitting any obstructions



Refer to operational details in **Attachment 5**.

330e and 740e xDrive iPerformance

Both the 330e and the 740e xDrive receive the new “iPerformance” name. This denotes intelligent lightweight design, outstanding aerodynamics for its class and the extensive use of BMW EfficientDynamics technology fitted as standard equipment.

iPerformance is identified by:

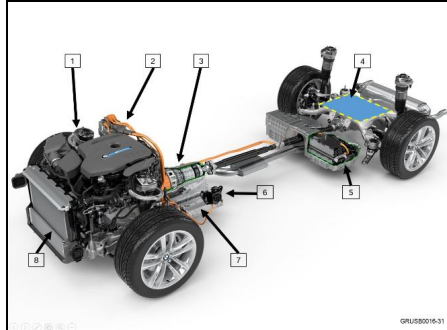
- "eDrive" badge on both C-pillars
- Placement of an "i" badge above the air breather on both front fenders (deleted with ZMP M Sport Package.)

	<ul style="list-style-type: none">• Blue trim surrounding the wheel hub covers
	<ul style="list-style-type: none">• Each 2nd slat in the kidney grill has a blue finish

740e xDrive iPerformance:

Layout of the major HV components:





1. B48B2000 4-cylinder gasoline engine, rated at 255 bHp and 295 lb. ft torque
2. Electrical Machine Electronics (EME) Module
3. Electric machine with 8-speed automatic transmission 8P75h, rated at 111 bHp and 184 lb.ft torque
4. Approximate location of the fuel tank, 12.1 gal. (46 liter) capacity
5. HV battery in “saddle” design. Occupies the full space under the rear seat cushion otherwise utilized for the fuel tank on non-PHEV models. 96 HV cells arranged in 6 modules. Rated at 26 Ah capacity, 355 nominal voltage 398 peak voltage; 9.2 kWh nominal energy content; 6.5 kWh usable content. Weight is approx.. 270 lb.
6. HV charging socket
7. Battery charging electronics
8. PHEV coolant radiator

BMW ALPINA B7 xDrive

- 8-speed Sports Automatic with ALPINA SWITCH-TRONIC
- Stainless steel exhaust system with 2 pairs of elliptically shaped tailpipes
- MICHELIN® Pilot Super Sport tires measuring 255/40 ZR20 at the front and 295/35 ZR20 at the rear, mounted on 8.5 x 20 and 10 x 20 ALPINA CLASSIC wheels (traditional 20 spoke design, concealed air valves located in the center hubs)
- Blue painted 4-piston fixed calipers and 15.5 inch x 1.41 inch discs on the front axle and floating calipers with 14.5 x 0.94 inch discs on the rear axle
- Exclusive paint finishes in ALPINA Blue metallic and ALPINA Green
- Full-color digital instrument panel in LED technology which changes the instrument design and format depending on Comfort mode or Sport mode settings
- Piano lacquer or classic Myrtle Luxury Wood interior trim
- ALPINA name on the door sills with blue illumination
- ALPINA B7 model inscriptions
- A production plaque on the center console
- Integral Active Steering
- Autobahn Package

F34 LCI: Some of the changes are:

- Matte Chrome Exterior Trim is now standard on all models.
- New LED Headlights with LED DRL (daytime running lights) and turn indicators are now standard equipment.
- New LED Fog Lights.
- New Rear bumper design with new rear reflectors locations.
- New LED taillights in L-Shape.
- New Chrome Accents surrounding the interior Front and Rear Air vents.
- New Chrome Accent near buttons for electric windows.
- Changes to the center controls of the instrument panel (aka center stack) include: High-gloss black, automatic climate control display now in white; ambient lighting surrounding the center stack
- 6-cylinder models are now equipped with the Nappa Leather Steering Wheel as standard.

All 6 Series, standard equipment:

- iDrive 5.0, featuring a 10.2” Central Information Display (CID) screen

- Wireless charging cradle in the center console armrest, replacing the snap-in adapter. Includes wireless inductive charging according to the Qi standard for compatible mobile phones; LED charge-level indicator, and cellphone reminder alert.
- WiFi hotspot

QC1:

UPDATE! A revised QC1 form has been developed for the 2017 models covered in this bulletin: P/N 01 00 2 411 741 (print date 1/17 includes the G30). Refer to **Attachment 1**.

UPDATE! 2, 3, 4, 5 Series (G30): The B46 and B58 engines achieve rated power using premium unleaded gasoline, 91 AKI. The minimum recommended rating is 89 AKI.

UPDATE! The engines in the BMW ALPINA B7 xDrive and the M760i xDrive achieve rated power using premium unleaded gasoline, 93 AKI. The minimum recommended rating is 91 AKI.

UPDATE! 5 Series (G30):



When attempting to unlock the vehicle with transport mode active, the remote control key may not function. Utilize manual key unlocking:

- Pull the driver's door handle out
- Press out the chrome trim end (arrow) with your finger
- Access the lock with the integrated key
- Snap the chrome trim firmly into the handle

540i with optional Remote Control Parking (option 5DV): This is the only configuration in which a Display Key is included with the G30. Fully charge it at your work station using the USB cable included with the vehicle. Once fully charged, it can be placed into the optional wireless charging pad (option 6NW, part of the Premium Package) at the front of the center console.

Front license plate, as needed per state: No laser leveling or centering is needed to locate the license plate bracket. The bracket has 2 tabs which fit into existing holes in the underside of the front bumper surface.

Road test: A new feature is that the turn signal stalk stays up/down until it self-cancels.

Salesperson: If the vehicle is equipped with the optional WiFi (option 6WD, part of the Premium Package), show the customer how to access the vehicle's WiFi hotspot location on the Central Information Display for signing up. Use either the CID touch-screen, or the Controller path: My Vehicle- iDrive Settings- Mobile Devices- Connect new device- Bluetooth info.



Note: If it is necessary to lift the G30 using a ramp-type 2-post lift, use the longer style with the

silver-colored moveable ends such as for the G12. Refer to [SI B04 16 15](#).

740i xDrive from 3/16 thru 6/16; then standard equipment as of 7/16:

- The Display Key (code 3DS) now comes with one display key, **two** remote keys, and one valet key.

740e xDrive additional operations for QC1:

Fully charge the HV battery. The access port is located in the front left fender behind the body flap.
Use either the Occasional Use Cable (OUC; also referred to as Level 1) from the vehicle or the HV wallbox (Level 2 charger).



The body flap for the HV access port utilizes an integrated sealing system, eliminating the need for a protective cap on the charging socket.

The HV battery's charging status is displayed via the charge indicator light at the charging socket. A reference label with these various charging statuses is found on the body flap

- White: Charging plug can be inserted.
- Yellow: Charging procedure is being initialized.
- Blue continuous: Charging procedure is started for a pre-set time period.
- Blue flashing: Charging procedure is active.
- Green: Charging procedure is completed.
- Red: Fault occurred during the charging procedure.
- If your center does not intend to immediately prepare the vehicle for display, charge the HV battery right away. This usually holds the HV state of charge until you can deactivate transport mode (TM). With TM deactivated, the HV battery can be charged to its full capacity. This is a required operation for performing the QC1.
- An emergency/manual release for the flap is located in the engine compartment near the driver's hood hinge. The release is marked with a light blue pull knob.
- When the HV battery is fully, or near-fully charged, the vehicle will be driveable in electric mode. Close the driver's door, press the Start/Stop button with your foot on the brake pedal. The word "READY" appears in the instrument cluster, denoting "drive readiness".
- Set the charge rate to "reduced" in the central information display via the path Menu- Settings- Charging

When drive readiness is activated, the vehicle is operational. Activated drive readiness is the equivalent of a running internal combustion engine in conventional vehicles. Deactivated engine readiness is equivalent to switching the ignition off.

To drive off:

1. Activate drive readiness
2. Engage selector lever position D, M/S or R
3. Release the parking brake
4. Drive off

The combustion engine will start when:

- The drive system is not at operating temperature
- The temperature of the hybrid system is too high
- The high-voltage battery has an insufficient charge.



When preparing to add gasoline, press the filler flap release button located below the instrument panel. The fuel tank charcoal canister must first vent for a few seconds before the flap can be unlocked and opened. As a guideline, at an ambient temperature of 70°F, the venting process can take approx. 10 seconds. But depending on the system pressure, temperature, and fuel grade the venting process can take up to 1 minute. The remaining ventilation time is displayed in the instrument cluster.

- The recommended fuel grade for the 740e xDrive is premium unleaded 91AKI, min. 89AKI. Note that the fuel tank capacity is approx. 40% less than a non-PHEV 7 Series.



Note: If the fuel flap is not opened within approx. 10 minutes after it was unlocked, the flap will lock automatically.

Caution: Do not refuel the vehicle while the HV charging cable is in use.

- The OUC is supplied with the vehicle, stored in a padded bag in the left storage bin of the trunk
- Make certain the customer is aware of, or has signed up with, the 360 Electric Program to enable home charging. 360 Electric also supports other related programs such as ParkNow and ChargeNow.
- Two ChargeNow cards are included in the ChargePoint brochure with the vehicle document portfolio, intended for use at public charging stations. Present them to the customer.

6 Series:

- Wireless cellphone charger: The smartphone must be positioned with its back to the charging surface.
- The following printed items are no longer included in the vehicle portfolio. However, the information is contained in the integrated electronic owner's manual, accessed using the CID: - Quick reference guide- License brochure- Supplementary owner's manual

Recalls or Service Actions on new BMWs:

Before delivering a vehicle to a customer, please ensure that your Sales staff check the vehicle for open Recalls or Service Actions. **Keep in mind that Recalls or Service Actions can be issued after a vehicle has been prepared for spot delivery.** You are legally required to perform Recalls before selling or leasing a vehicle. Therefore, please verify with your Service Department that your vehicles have no open Recalls or Service Actions prior to customer delivery. You can check for an open Recalls or Service Actions via the following systems:

- Key Reader, or
- DealerSpeed.net- DCSnet- Service- Vehicle History- enter the chassis#- check the section "Open Campaign Information"

Please be reminded that it is a violation of Federal law for you to sell, lease or deliver any vehicle until all recall repairs have been performed. This means that centers may not legally deliver new motor vehicles to a consumer until it is fixed, or use/sell replacement equipment/parts subject to a Recall. Note also that substantial civil penalties apply to violations of this law.

Maintenance

The BMW maintenance program has been restructured for 2017 models. Standard coverage is now 3 years/36,000 miles. Refer to [SI B01 05 16](#).

- **UPDATE!** Refer to **Attachment 2** for the Condition-Based Service (CBS) intervals
- Refer to **Attachment 3** for the maintenance operations on all 2017 models except M
- Refer to **Attachment 4** for the maintenance operations on the 2017 BMW M models

All except F07: The new air conditioning refrigerant R1234yf replaces R134a. Refer to [SI B64 03 16](#).



M760i xDrive: Maintenance schedules are the same as the 750i.

- 10,000 mile/12 month CBS interval
- Engine oil viscosity is SAE 0W-30
- The engine intake air filter replacement interval is every 3rd Engine Oil Service
- Spark plug replacement interval is every 6th Engine Oil Service
- Transmission fluid is long-term rated; no fluid change needed

The M760i's N74 engine features a covered engine oil filler cap. Access it



by lifting the front of the acoustic cover.



The cover will stay in the fully raised position.
The oil filler cap is indicated by the arrow.
When closing the cover, push firmly so that the two lock cushions (circled) fully engage with their corresponding pins.

UPDATE! BMW ALPINA B7 xDrive sedan: Maintenance schedules are mostly the same as for the 750i, whereby the spark plug replacement interval is every 3rd Engine Oil Service.

General Notes

For the 2017 model year, the Service and Warranty Information booklet has been split into 2 separate booklets. The part numbers are shown for identification purposes only. They are not available via ATLAS.

2, 4, 6 Series (except M models) Warranty booklet	01 00 2 149 194
M2, M3, M4, M6 Warranty booklet	01 00 2 152 194
3 (except M3), 5, 7 Series Warranty booklet	01 00 2 152 193
All models Maintenance booklet UPDATE! M760i xDrive and 5 Series (G30) included with 11/16 printing	01 00 2 152 197

PARTS INFORMATION

Item	Description	Qty
P/N 01 00 2 411 741	Quality Certification I form (2017 2 through 7 Series)	1 pack
UPDATE! (print date 1/17)		(= 25 forms)

WARRANTY INFORMATION

Reimbursement of the BMW Pre-Delivery Inspection (Quality Certification 1) on 2017 BMWs is via submission of a warranty claim when the work is completed.

- If the Display and Delivery portions of the inspection are performed separately, individual claims should be submitted when those operations are performed.
- If the entire QC1 delivery inspection is performed at the same time, submit one claim for “Spot Delivery.” This is an important difference from the prior process, and claims must not reflect Display

and Delivery if only the Spot Delivery was actually performed.

- All BMWs are only eligible for either the Display and Delivery Inspection, or the Spot Delivery Inspection.
- If a BMW center performs the Display Inspection and the vehicle is traded, then the second center may only perform and claim the Delivery Inspection. Check the DCS Vehicle History Report to determine whether a claim for this work had been submitted by another center.
- If a center receives a vehicle, does nothing to it and then trades it to another center, then the second center may perform the Display and Delivery Inspection or the Spot Delivery Inspection, whichever is relevant. Check the DCS Vehicle History Report to determine if a claim for this work had been submitted by another center.

BMW Company Vehicles

Reimbursement for performing the QCI on BMW company vehicles of any model year for regional employees of BMW of North America must still be requested by submitting a claim through DCS. Use the Spot Delivery codes listed below:

Defect Code:	11 99 99 77 BV
Labor Operation:	00 00 012
Flat Rate Units:	Refer to KSD2

Refer to KSD2 for the corresponding flat rate unit (FRU) allowance. Enter the Chassis Number, which consists of the last 7 digits of the VIN. Click on the “Search” button, and then enter the applicable flat rate labor operation in the FR code field.

Note: BMW company vehicles delivered to field personnel may have already received a full QCI either from Plant Spartanburg, South Carolina, or from the VDC (Vehicle Distribution Center) which serves your region. This should be evident upon arrival at your center by the following:



- The absence of the usual protective seat and door panel covers
- Transport mode has been deactivated (radio is operational)
- The Monroney label not being affixed to the window, etc.
- VDCs affix a small orange-colored label onto the center console near the transmission selector lever which reads “QC1 already done at VDC!” If this label is found, remove it prior to delivery to the employee.

Please verify that the QC1 has already been performed at a VDC on a specific vehicle by contacting your regional Distribution Manager with the chassis number.

IMPORTANT:

As with all work that is reimbursed by BMW, the repair order, time recording, and record keeping requirements outlined in the Warranty Policy and Procedures Manual must be strictly observed. Quality Certification I payments are subject to audit.

Attachments

1.  QC1 form P/N 01 00 2 411 741, print date 1/2017
2. Condition Based Service intervals (revised)
3. BMW non-M models Maintenance requirements (revised)
4. BMW M models Maintenance requirements
5.  540i, 7 Series Remote Control Parking (revised)
6. 2017 model year chart

ATTACHMENTS

View PDF attachment [B000116 Attachment 1 QC1 2411741 1 17.](#)

View PDF attachment [B000116 Attachment 2 CBS intervals Rev.2.](#)

View PDF attachment [B000116 Attachment 3 maintenance requirements all but M Rev.2.](#)

View PDF attachment [B000116 Attachment 4 maintenance requirements M models.](#)

View PDF attachment [B000116 Attachment 5 540i, 7 Series Remote Control Parking Rev.1.](#)

View PDF attachment [B000116 Attachment 6 BMW Group model chart.](#)