

This Service Information bulletin supersedes SI B00 02 14 **dated December 2014.****MODEL**

F01 (7 Series)	F02 (7 Series Long Wheelbase)	F06 (6 Series Gran Coupe)	F07 (5 Series Gran Turismo)
F10 (5 Series Sedan)	F12 (6 Series Convertible)	F13 (6 Series Coupe)	F22 (2 Series Coupe)
UPDATE! 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)	E89 (Z4 Roadster)	

SITUATION

Model	Production Start	Comments
228i, M235i Coupe	July, 2014*	No major changes to vehicle maintenance from the 2014 model year
228i xDrive, M235i xDrive Coupe	July, 2014*	New models with xDrive, available only with 8-speed automatic transmission
UPDATE! 228i, 228i xDrive, M235i Convertible	November, 2014**	Convertible version of the 2 Series, engineering designation F23. N20 and N55 engines.
3 Series, all versions except M3	July, 2014*	No major changes to vehicle maintenance from the 2014 model year
M3 Sedan	March, 2014**	New model. Engineering designation F80. 3.0-liter, inline 6 cyl. S55 engine with M TwinPower dual turbochargers.
4 Series exc. M4	July, 2014*	No major changes to vehicle maintenance from the 2014 model year
M4 Coupe	March, 2014**	New model. Engineering designation F82. Same S55 engine as the M3 Sedan.
M4 Convertible	July, 2014**	New model. Engineering designation F83. Same S55 engine as the M4 Coupe.
5 Series Sedan and Gran Turismo	July, 2014*	No changes to vehicle maintenance from the 2014 model year
BMW ALPINA B6 xDrive Gran Coupe	March, 2014*	New model, with ALPINA-tuned N63M20B engine
640i, 640i xDrive, 650i, 650i xDrive, M6 Gran Coupe	March, 2014*	No changes to vehicle maintenance from the 2014 model year
640i, 640i xDrive, 650i, 650i xDrive, M6 Convertible	March, 2014*	No changes to vehicle maintenance from the 2014 model year

640i, 640i xDrive, 650i, 650i xDrive, M6 Coupe	March, 2014*	No changes to vehicle maintenance from the 2014 model year
740Ld xDrive	March, 2014*	N57 6-cyl. diesel engine; 8-speed automatic transmission
7 Series exc. 740Ld xDrive	July, 2014*	No changes to vehicle maintenance from the 2014 model year
Z4 sDrive28i, sDrive35i, sDrive35is Roadster	March, 2014*	No changes to either the product or to vehicle maintenance from the 2014 model year

*availability approx. 1 month later

**availability approx. 3 months later

17-digit Vehicle Identification Number (VIN): The 10th digit (model year identifier) utilizes the letter “F” for MY 2015.

Service Bulletin sections: Any updates are usually listed first within the respective section.

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.

2 Series Convertible

 The successor to the 1 Series Convertible (E88) blends the style and dynamic driving character from the 2 Series Coupe with the open-air pleasure of a folding soft-top. The convertible top is fabric-based, and is nearly identical in size and functionality as that of the predecessor. The top opens in approximately 20 seconds, even when the vehicle is moving up to a speed of 30 mph. Additional soundproofing insulation within the top's fabric layers, compared to the E88's top, provides a reduction of the interior noise of approximately 5 decibels.

 The 228i and 228i xDrive are available only with an 8-speed sport automatic transmission with steering wheel-mounted shift paddles. The same transmission is standard equipment in the M235i, but a 6-speed manual is available as a no-cost option.

BMW ConnectedDrive in the BMW 2 Series Convertible: Debut of over-the-air updates to navigation data

 The 2 Series Convertible is the first BMW to offer no-cost over-the-air updating of navigation data via the embedded Subscriber Identity Module (SIM) card, when equipped with the optional BMW Navigation System.

 This system regularly updates its navigation data several times a year, whenever a new map version becomes available. There are no license fees or data transfer charges for the user during the first

three years. The new home region map data is relayed to the vehicle wirelessly via the built-in SIM card, so there is no need for manual installation from external data storage devices. The over-the-air update is installed conveniently and completely automatically, with progress being shown in the Control Display. Regular updating means there is never any delay before users are able to use the latest map software. All navigation features remain fully functional during the updating process.

UPDATE! On vehicles equipped with the optional BMW Navigation and the optional 6NS (Enhanced USB and Bluetooth plus Smartphone Integration), the SIM card supports the Long-Term Evolution (LTE) wireless standard. LTE enables much faster data transfer rates due to high-speed internet technology. These high transfer rates also benefit other BMW ConnectedDrive functions such as the Navigation system's Advanced Real Time Traffic Information (ARTTI).

New features as of 7/14 vehicle production which affect Quality Certification 1 (QC1):

All models:

- The memory button for the electric seat settings is now marked with “SET” instead of “M.”

All models except Z4 Roadster:

- When equipped with Navigation, an advanced version of Real Time Traffic Information (RTTI; option 6AM) provides a new function. Additional route suggestions are offered, highlighted by a “globe” icon in the NAV screen. This is especially helpful when traveling in heavy traffic situations such as rush hour.

2 Series, Z4 Roadster:

- The standard-equipment new generation Radio BMW Professional is now equipped with 3G functionality.

All models equipped with the optional Head-Up Display (HUD; option 610):

- The HUD can be activated for a new “demonstration mode.” This is particularly helpful when the vehicle is displayed in the showroom. The most popular HUD fields illuminate on the HUD for an approx. 30-second demonstration.

Activation:

- Via the iDrive menu: Select “Settings,” then “Head-Up Display.” Press the iDrive controller a total of six times (deactivating and reactivating HUD three times) within five seconds to start the demonstration, which is visible in the HUD section of the windshield.
- Via the HUD button in the left lower section of the instrument panel (driver assistance systems): Press and hold the HUD button for 10 seconds.

	All models equipped with optional heated steering wheel (option 248): • An activation symbol now appears in the instrument cluster. This feature allows the driver to immediately notice if the heating has been activated or deactivated, without having to look to the activation switch on the left side of the steering column. Notes: • The driver’s door must be closed. • The exact location within the cluster can vary per model series.
.	All models with optional Night Vision (either option codes 6UK or 5A3): • Large animal recognition. A red animal symbol appears in the instrument cluster when the system detects a large animal (e.g., deer, etc. or larger) at a distance of approx. 100 to 300 ft,



depending on vehicle speed as well as the animal size. An acoustic warning is activated, and the brakes are automatically brought to the highest brake readiness.

3 Sports Wagon F31 and Gran Turismo F34:

- Optional Comfort Access (option 322) now includes no-touch convenience closing of the tailgate. When you are finished accessing the cargo compartment, kick your foot quickly forwards, then rearwards beneath the center of the bumper, to close the tailgate automatically.

228i; 3 Series (except M3), 4 Series (except M4), 5 Series:

- For improved legibility, the time display in the instrument cluster has been relocated from the center to the bottom right, under the tachometer.

5, 6, 7 Series:

- Acoustic feedback when setting the seat memory button

5 Series Sedan and Gran Turismo:

- All models are equipped with LED fog lamps and a sport leather steering wheel as standard equipment.
- “Modern Line” is no longer available.

2, 3, 4 Series:

- Servotronic power steering can now be configured using the Dynamic Driving Control toggle switch on the center console, separately from the existing chassis and drivetrain settings.
- When equipped with optional navigation and in combination with automatic transmission, predictive gearshift strategy (shift recommendation indicator) is displayed using navigation data when the transmission is being driven in the manual mode.
- Radio on/off/volume control knob now has imprinted “ON/OFF” (does not pertain to M3 and M4).

2 Series with optional M Sport package (option code 337):

- Low-dust brake pads (non-asbestos organic [NAO]) are fitted, except when equipped with the optional Sport Brake Package.

3 Series, 4 Series Coupe available with optional Active Driving Assistant (option 5AS):

- Driver fatigue “tiredness” warning system added.

3, 4 Series:

- The cupholder’s removable cover panel/storage tray as well as its storage net on the glove compartment “ceiling” have been discontinued.

30th Anniversary Edition M5:

To commemorate the 30th anniversary of the M5 (the first model was based on the E28 platform), a special M5 model has been developed. Availability for the US market is limited to approx. 30 vehicles.

Some of the distinguishing features are:

- Based on the M5 with Competition Package
- The S63T engine output is raised to approx. 600hp and 514 lb.ft, via increased turbocharger boost pressure and engine control module enhancements
- The only available transmission is the 7-speed M-DCT with Launch Control
- Dedicated control module allowing the Active M Differential to react sooner, improving traction in corners
- M Servotronic steering with more direct mapping
- Exterior paint is BMW Individual Frozen Dark Silver metallic
- Black chrome exterior trim
- 20" M light alloy double-spoke wheels, finished in a black bicolor scheme
- Front fender air vents, door sill finishers, and the seats have the designation "30 Jahre M5" (German for "30 years M5")
- Widespread use of anthracite-colored Alcantara interior trim

M3 Sedan, M4 Coupe, M4 Convertible

BMW is thrilled to introduce the all-new, next generation M vehicles based on the current 3 Series 4-door Sedan (F30), 4 Series 2-door Coupe (F32), and 4 Series Convertible (F33). For the first time, these M models receive their own engineering designation (F80, F82, and F83 respectively) to differentiate them from the non-M versions.

The 3rd generation M3 Sedan, as well as the M4 Convertible, are built in BMW's Plant Regensburg, while the 5th generation M4 Coupe (previous generations were M3 Coupes) is built in BMW's Plant Munich.

Some selected highlights:

- S55 engine: 2979cc (3 liter) in-line 6 cylinder engine with M TwinPower turbochargers, rated at 425hp and 406 lb.ft torque. The two equally-sized single-scroll turbos produce a maximum of approx. 17psi (preliminary) boost pressure.
- Reduction in the overall vehicle weight of approx. 160 lb. compared to the E90 and E92 M3 predecessors by using carbon fiber reinforced plastic (CFRP) and aluminum components. Examples are a CFRP front suspension strut brace, a CFRP roof insert (standard equipment without optional moonroof), and CFRP driveshaft.
- 6-speed manual transmission is standard equipment; a 7-speed M-DCT with Drivelogic is optional.
- Active M differential with electronically controlled multi-plate limited-slip feature to optimize traction and directional stability
- M Servotronic Electric Power Steering (EPS) with three settings
- Optional M Carbon ceramic brakes, identified by the gold-colored brake calipers

Fuel economy is improved approx. 20% compared to the E92 M3 Coupe predecessor, despite increased vehicle performance.

Refer to Attachment 5 for a comparison of selected specifications between the 2015 M4 Coupe and its E92 M3 Coupe predecessor.

BMW ALPINA B6 xDrive Gran Coupe

BMW ALPINA presents the sleek Gran Coupe in a new model which combines ultra high performance with exclusive luxury. Some features are:

- Front apron with integrated, slightly protruding splitter elements to improve airflow over and around the body for increased high-speed stability
- Tuned high-performance stainless steel ALPINA exhaust system with twin elliptical tailpipes
- 20" ALPINA CLASSIC 21-spoke wheels
- 14.7 inch diameter front, 13.6 inch dia. rear brake rotors
- ALPINA exclusive LAVALINA leather
- ALPINA Myrtle wood or Piano Black trim finishes

ALPINA's engineers developed the 4.4 liter 8-cylinder N63M20 engine for optimum power and smoothness. The twin turbochargers with single scroll technology boost output to 540 horsepower and 540 lb-ft torque. Power is transferred through the 8-speed Sport Automatic Transmission with ALPINA Switch-Tronic and

BMW's xDrive intelligent all-wheel drive system, enabling the BMW ALPINA B6 xDrive Gran Coupe to accelerate from 0 to 60 mph in only 3.7 seconds.

740Ld xDrive

The powerful yet fuel-efficient N57 diesel engine is now offered in the spacious 7 Series long wheelbase body. Refer to [SI B00 01 13](#) for information on this engine, and about diesel fuel.

Quality Certification 1

A new QC1 form has been developed for the 2015 models covered in this bulletin: SD92-465, print date **UPDATE!** 11/14. Refer to Attachment 1.

- The box for the "QC1 stamp" has been eliminated from all Service Warranty booklets.
- The BMW ALPINA B6 xDrive Gran Coupe, M3 and M4 require 93 AKI (91 AKI minimum) premium gasoline.



M3, M4: Check the coolant reservoir for the charge air cooler (1) when the engine is cold. Top up if needed. This is due to a possible air pocket within the cooler. The shaking motion of the vehicles while on the transport trucks to BMW centers usually drives out any air bubbles, but the coolant level must still be checked. The main reservoir (2) for the engine coolant system does not need to be checked in this instance.

Maintenance

UPDATE! The engine oil for all 2015 BMW engines has changed. As of January 1, 2015, BMW recommends the following Original BMW Engine Oil SAE 5W-30:

- Gasoline engines: P/N 83 21 2 365 946 (Longlife-01; 1-liter bottle).
- Diesel engines: P/N 83 21 2 365 949 (Longlife-04; 1-liter bottle).

UPDATE! For more information on these new engine oils, refer to Aftersales Business Development and Marketing Bulletin B-2-1214-1103, or [SI B11 01 15](#).

UPDATE! Refer to Attachment 2 for an overview of the maintenance intervals on all models, including M.

Refer to Attachment 4 for the maintenance requirements on all models except M.

- BMW ALPINA B6 xDrive Gran Coupe: Same as for the 650i Gran Coupe.



- 740Ld xDrive: Same maintenance operations as for the 2014 535d. Refer to [SI B00 01 13](#).

The Diesel Exhaust Fluid (DEF) filler cap is located on the top surface of the rear bumper, beneath an access flap on the right side. The DEF fill capacity is approx. 15 liters (3.9 gal.).

M3 Sedan, M4 Coupe and Convertible:

- Refer to Attachment 3 for an overview of the maintenance operations only for M models.
- A lithium-ion starter battery (LISB) is installed for weight savings, more discharge/charge cycles, and better discharge recuperation characteristics than a conventional battery. The LISB requires different workshop battery charger settings. Refer to [SI B61 06 14](#) for more information.

Overview of the M3/M4 maintenance consumables:

Component	Name	Quantity Needed	BMW Part Number (always verify current P/N per ATLAS)
S55 engine oil	BMW High Performance 5W-30 Synthetic	6.9 qts	07 51 0 017 866 (superseded from the P/N 07 51 0 002 545 listed on the underhood oil warning label)
As of January 1, 2015:	BMW Original Engine Oil 5W-30	"	83 21 2 365 946, 1 liter bottle
Active M Differential fluid	Castrol SAF-XJ	1.0 liter	83 22 1 470 080
Spark plugs	Bsoch ZMR5TPP330	6x	12 12 0 039 634

M3 Sedan, M4 Coupe and Convertible: 1,200 mile running-in service:

Change the engine oil and filter, as well as the rear axle differential fluid.

Neither transmission requires replacing the transmission fluid. The fluid is long-term rated, not needing replacement except during system repairs.

After performing the 1,200-mile running-in service, **reset the vehicle only by performing the test module "Deactivation of pre-delivery check."** The actual ISTA pathway is Service function / 05 Maintenance and Pre-Delivery Check / Reset CBS Condition Based Service / Deactivation of pre-delivery check / ABL: AS6100_CBS_EINFAHR-RESET-Reset pre-delivery check.

Do not perform a CBS oil reset with either ISTA or via the instrument cluster (Kombi), because those methods will cause the CBS counter to skip ahead one interval.

Overview of the M3/M4 maintenance consumables:

Component	Name	Quantity Needed	BMW Part Number (always verify current P/N per ATLAS)
S55 engine oil	BMW High Performance 5W-30 Synthetic	6.9 qts	07 51 0 017 866 (superseded from the P/N 07 51 0 002 545 listed on the underhood oil warning label)
Active M Differential fluid	Castrol SAF-XJ	1.0 liter	83 22 1 470 080
Spark plugs	Bosch ZMR5TPP330	6x	12 12 0 039 634



2 Series, 3 Series, 4 Series:* At every vehicle check, inspect the water drain cavities at the left and right edges of the cowl (rear portion of the engine compartment) for buildup of water or leaf debris. Do not remove the cowl covers to inspect. If either drain cavity must be cleared out, invoice this work separately. This cleaning is not a defect in materials or workmanship and cannot be claimed under the New Vehicle Limited Warranty.
 * The 3 Series Sedan is shown on the driver's side. The passenger side is similar, as are the M3 and M4.

For more information on other maintenance requirements, refer to:

2 Series	B00 01 13
3 Series	B00 03 11, B00 03 12, B00 01 13
4 Series	B00 01 13
5 Series incl. M5	B00 01 10, B00 03 11, B00 03 12
5 Series Gran Turismo	B00 01 09, B00 01 10, B00 03 11, B00 03 12, B00 01 13
6 Series incl. M versions	B00 03 11, B00 03 12, B00 01 13
7 Series	B00 04 08, B00 01 09, B00 01 10, B00 03 11, B00 03 12, B00 01 13
Z4 Roadster	B00 04 08, B00 01 09, B00 01 10, B00 03 11, B00 03 12, B00 01 13

General Notes

2015 Service and Warranty Information booklets:

2 Series, 4 Series (except M4), 6 Series (except M versions); also Z4 Roadster,  2 Series Convertible included with print date 11/2014	92-457
3 Series (except M3), 5 Series (except M5), 7 Series	92-456
M3 Sedan, M4 Coupe and Convertible; M5 Sedan, M6 Gran Coupe, Coupe and Convertible	92-458

PARTS INFORMATION

Under separate cover, one pack of the Quality Certification I form for the 2015 BMWs covered in this bulletin will be sent to each BMW center's Service Manager. Additional copies may be ordered as listed below:

Item	Description	Qty	Price
SD92-465	Quality Certification I form (2015 models)	1 pack	\$4.75
 (print date 11/14)		(= 25 forms)	

These items are available online at BMW TIS under Materials Ordering. Refer to bulletin [B10 02 02](#) for instructions on how to place an order.

WARRANTY INFORMATION

Reimbursement of the BMW Pre-Delivery Inspection (Quality Certification 1) on 2015 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 Vehicle Identification Number (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 at 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 checklist SD92-465, print date  11/14
2. Condition Based Service intervals for all 2015 models
3. Maintenance operations for M models only
4. Maintenance operations for all models except M
5. Comparison of 2015 M4 Coupe (F82) to 2013 M3 Coupe (E92)

ATTACHMENTS

View PDF attachment [B000214 Attachment 1 SD92-465 11 14.](#)

View PDF attachment [B000214 Attachment 2 CBS Intervals.](#)

View PDF attachment [B000214 Attachment 3 Maintenance Requirements M Models.](#)

View PDF attachment [B000214 Attachment 4 Maintenance Requirements all but M.](#)

