

Contents

A - Z

Supplementary
Owner's Manual



The Ultimate
Driving Machine



THE BMW M3.

SUPPLEMENTARY OWNER'S MANUAL.

BMW M. 

M3 **Supplementary Owner's Handbook for Vehicle**

Thank you for choosing a BMW M3.

The more familiar you are with your vehicle, the better control you will have over it on the road.

We therefore strongly suggest:

Read the information provided in this Supplementary Owner's Handbook before starting out in your new BMW. It contains important information on vehicle operation that will help you make full use of the technical features available in your BMW.

We wish you a safe and enjoyable drive.

BMW AG

© 2012 Bayerische Motoren Werke
Aktiengesellschaft
Munich, Germany

Reprinting, including excerpts, only with the
written consent of BMW AG, Munich.
US English VI/12

Printed on environmentally friendly paper,
bleached without chlorine, suitable for recycling.

Contents

The quickest way to find special topics is to consult the index, refer to page [82](#).

- 4 Notes

At a glance

- 8 Dashboard

Controls

- 16 Opening and closing
- 17 Adjustments
- 20 Driving
- 33 Controls overview
- 37 Technology for driving comfort and safety
- 45 Lamps
- 46 Practical interior accessories

Driving tips

- 50 Things to remember when driving
- 52 BMW M3 engineering

Mobility

- 56 Refueling
- 58 Wheels and tires
- 60 Engine compartment
- 61 Engine oil
- 65 Care
- 66 Replacing components
- 70 Giving and receiving assistance
- 71 Indicator and warning lamps

Reference

- 78 Technical data
- 82 Everything from A to Z

Notes

Using this Owner's Manual

This Supplementary Owner's Handbook contains all important equipment information, operating instructions and technical data of the BMW M3 that differ from the BMW 3 Series. Descriptions that are not contained in this Supplementary Owner's Handbook can be found in the Owner's Manual for Vehicle or in the additional brochures that may be included in the onboard literature.

We have tried to make the information in this Supplementary Owner's Handbook easy to locate. The fastest way to find specific topics is to refer to the detailed index at the back of the manual. If you wish to gain an initial overview of your vehicle, you will find this in the first chapter.

Should you sell your BMW one day, please remember to hand over the Supplementary Owner's Handbook as well; it is an important component of your vehicle.

Symbols used



Indicates precautions that must be followed precisely in order to avoid the possibility of personal injury and serious damage to the vehicle. ◀



Indicates information that will assist you in gaining the optimum benefit from your vehicle and enable you to care more effectively for your vehicle. ◀



Refers to measures that can be taken to help protect the environment. ◀

◀ Marks the end of a specific item of information.

With iDrive:

"..." Identifies Control Display texts used to select individual functions.

>...< Verbal instructions to use with the voice activation system.

>>...<< Identifies the answers generated by the voice activation system.

Symbols on vehicle components



Indicates that you should consult the relevant section of this Owner's Manual for information on a particular part or assembly.

Vehicle equipment

This Supplementary Owner's Handbook describes all models and all series-specific equipment, country-specific equipment, and optional equipment that is offered in the series. For this reason, this Supplementary Owner's Handbook also describes and illustrates some equipment that may not be available in your vehicle, for example due to the special options or national-market version selected.

This also applies to safety related functions and systems.

If equipment and models are not described in this Supplementary Owner's Handbook, please consult the accompanying Owner's Manual.

Status of this Owner's Manual at time of printing

BMW pursues a policy of continuous, ongoing development that is conceived to ensure that our vehicles continue to embody the highest quality and safety standards combined with advanced, state-of-the-art technology. In rare cases, therefore, the features described in this Supplementary Owner's Handbook may differ from those in your vehicle.

Updates after press date

Updates after press date for the Owner's Manuals, when necessary, are issued as appendices to the printed Quick Reference Guide for the vehicle.



At a glance

This overview of buttons, switches and displays is intended to familiarize you with your vehicle's operating environment. The section will also assist you in becoming acquainted with the control concepts and options available for operating the various systems.

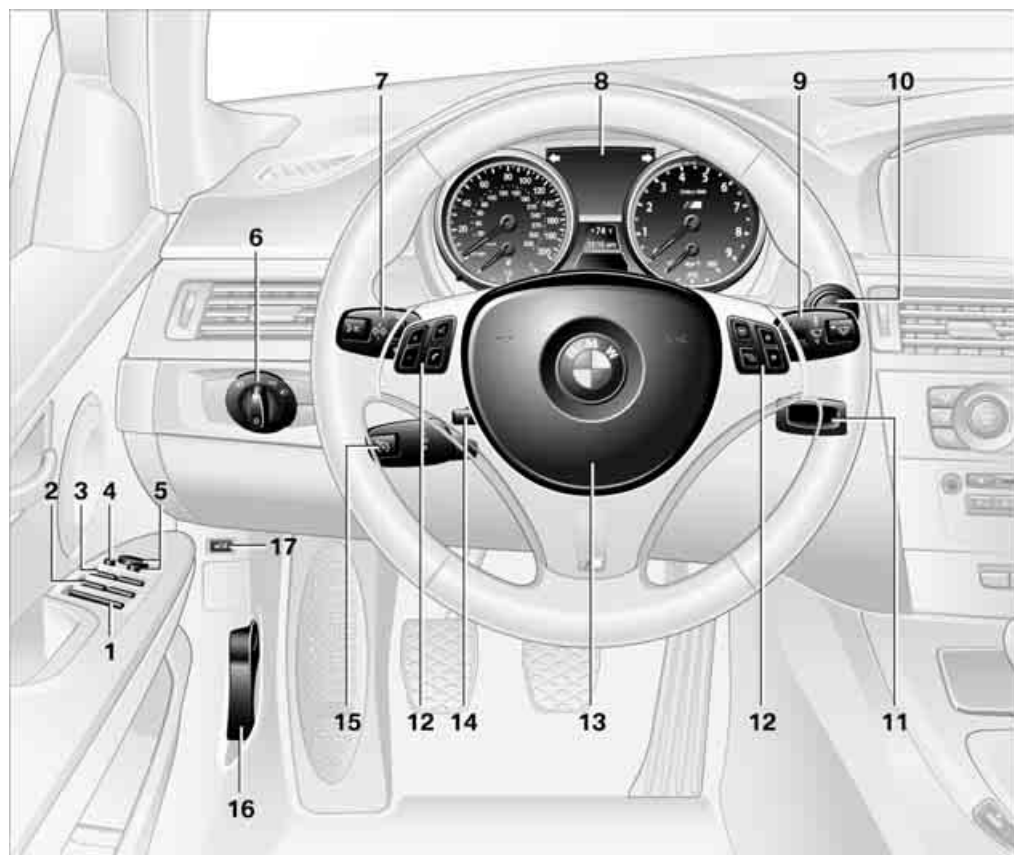
Dashboard

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions

will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Around the steering wheel:



 The description of features without specific page references can be found in the Owner's Manual for Vehicle under the respective keyword. ◀

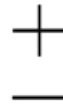
- 1  Convertible: opening and closing windows jointly
- 2  Convertible: opening and closing rear windows
- 3  Opening and closing front windows
- 4 Exterior mirrors folding in and out
- 5 Adjusting exterior mirrors, automatic curb monitor
- 6  Parking lamps/low beams
-  Low-beam headlamps
-  Automatic headlamp control
Adaptive Light Control 45
- 7  Turn signal indicators
-  High beams, headlamp flasher
-  Roadside parking lamps
-  Computer 34
-  Settings and information about the vehicle 35
- 8 Instrument cluster 10
- 9  Windshield wipers
-  Rain sensor
- 10  Starting/stopping the engine and switching the ignition on/off 20
- 11 Ignition lock

12 Buttons on the steering wheel



Telephone:

Accepting and ending a call;
dialing selected phone number.
Redialing if no phone number is
selected



Volume



Activating/deactivating the voice
activation system



Changing the radio station
Interrupting a traffic bulletin



Selecting a music track
Scrolling through the redial list



M Drive, calling up individual
settings 17



Next entertainment source



Recirculated-air mode

13 Horn, entire surface

14 Adjusting the steering wheel

15 Cruise control 30

16 Releasing the hood

17 Opening the trunk lid

Instrument cluster



 The description of features without specific page references can be found in the Owner's Manual for Vehicle under the respective keyword. ◀

- 1 Speedometer
- 2 Indicator lamps for turn signals
- 3 Indicator and warning lamps 11
- 4 Tachometer 33
- 5 Shift Lights 28
- 6 Engine oil temperature 33
- 7 Display for
 - ▶ Clock
 - ▶ Outside temperature
 - ▶ Indicator and warning lamps
 - ▶ With double-clutch transmission: Computer 34
- 8 Display for
 - ▶ Gear display of M double-clutch transmission with Drivelogic 23
 - ▶ With manual transmission: Computer 34
 - ▶ Date of next scheduled service, and remaining distance to be driven
 - ▶ Odometer and trip odometer
 - ▶ Checking oil level 61
 - ▶ Settings and information 35
 - ▶  There is a Check Control message
- 9 Fuel gauge 33
- 10 Resetting the trip odometer

Indicator and warning lamps

Indicator lamps without text messages

The following indicator lamps notify you that certain functions are active:



M Drive, refer to page [17](#)



MDM, refer to M Dynamic Mode [37](#)

Around the center console:



 The description of features without specific page references can be found in the Owner's Manual for Vehicle under the respective keyword. ◀

- 1 Control Display
- 2 Hazard warning flashers
- 3 Flat Tire Monitor FTM [39](#)
Tire Pressure Monitor TPM [41](#)
- 4 Central locking system

5 Automatic climate control

-  Air distribution to the windshield
-  Air distribution to the upper body area
-  Air distribution to the footwell
-  Automatic air distribution and flow rate
-  Cooling function
-  Automatic recirculated-air control
AUC and recirculated-air mode



Maximum cooling

ALL

ALL program



Air flow rate



Defrosting windows



Rear window defroster



Seat heating

6 Radio

7



Park Distance Control PDC



Coupe:
Roller sunblinds



Deactivating Automatic Start/Stop
function [21](#)

8 Controller

Can be turned, pressed, or moved in four
directions

9 Opening start menu on Control Display

10



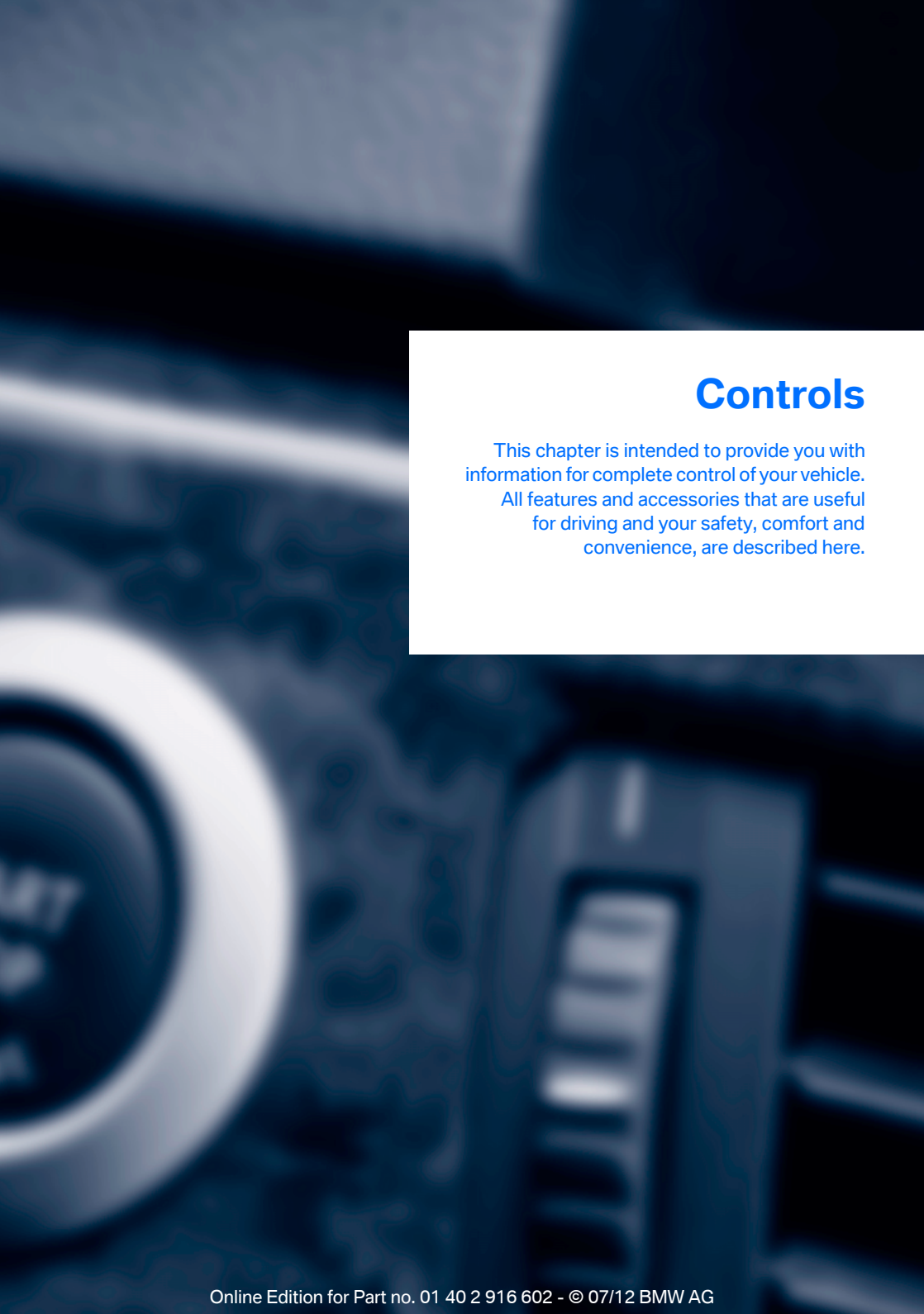
Convertible:
Opening and closing retractable
hardtop

11 Dynamic Stability Control DSC [37](#)

12 Electronic Damper Control EDC [38](#)

13 M Engine Dynamics Control POWER [29](#)



A close-up, blurred photograph of a car's interior, focusing on the center console area. Visible elements include a circular air vent on the left, a gear shift lever in the center, and various buttons and controls on the right. The image is in a cool blue color palette.

Controls

This chapter is intended to provide you with information for complete control of your vehicle.

All features and accessories that are useful for driving and your safety, comfort and convenience, are described here.

Opening and closing

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Personal Profile

Note the following instructions for your BMW M3 that deviate from the description in the Owner's Manual for Vehicle.

Personal Profile settings

Details about the settings can be found in the following:

- ▷ M Drive, refer to page 17
- ▷ Activating the preferred program of the M Engine Dynamics Control POWER and Electronic Damper Control EDC when starting the vehicle, refer to Configuring settings on page 18
- ▷ Shift Lights, refer to page 28

Adjustments

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. As a result, some equipment described may not be available in a particular vehicle, for example due to the options or national-market version selected. This also applies to safety related functions and systems.

M Drive

The concept

Individual settings can be configured with a button on the steering wheel or on the Control Display for the vehicle.

The settings influence the engine characteristics, dynamic driving control, damper tuning and steering tuning.

Via the button on the steering wheel

Configuring settings

You can store the current programming of the

- ▶ M Engine Dynamics Control
 - ▶ Drivelogic
 - ▶ You can store the Electronic Damper Control EDC on the  button on the steering wheel.
1. Switch on radio readiness or the ignition, refer to page 20.
 2. Set the desired program.
 - ▶ Selecting the M Engine Dynamics Control program via the POWER button in the center console, refer to page 30
 - ▶ Selecting the Drivelogic drive program via the button in the center console, refer to page 27

- ▶ Selecting the Electronic Damper Control EDC via the button in the center console, refer to page 39

3. Press the  button for longer than two seconds.

The desired program is stored.

The setting is stored for the remote control currently in use.

Activating the settings

Press the  button on the steering wheel.



The indicator lamp in the instrument cluster comes on.

The following settings for M Drive are active:

- ▶ Selected M Engine Dynamics Control program
- ▶ M Dynamic Mode of the Dynamic Stability Control DSC
- ▶ Servotronic sport program
- ▶ Selected Drivelogic drive program
- ▶ Shift Lights activated
- ▶ Selected program of the Electronic Damper Control EDC



If the indicator lamp flashes after the button was pressed, M Drive could not be activated because the Antilock Brake System ABS or Dynamic Stability Control DSC is currently regulating driving stability. Press the  button again when the indicator lamp is no longer flashing. ◀

You can change individual settings outside of M Drive even when M Drive is activated, e.g. using the buttons on the center console.

To reactivate all of your settings for M Drive:

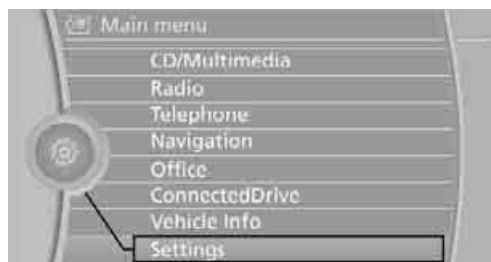
Press the  button twice.

Via iDrive

Configuring settings

You can set M Drive on the Control Display when the ignition is switched on.

1. "Settings"



2. "M Drive"



The functions contained in M Drive are displayed:

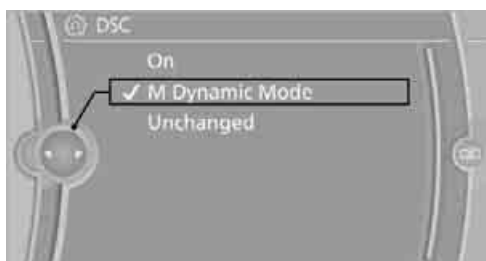
- ▷ "Drivelogic:"
M double-clutch transmission with Drivelogic: shift modes and Drivelogic drive programs, refer to page 27
- ▷ "EDC:"
Electronic Damper Control EDC programs, refer to page 38
- ▷ "DSC:"
Dynamic Stability Control and M Dynamic Mode, refer to page 37
- ▷ "POWER:"
M Engine Dynamics Control programs, refer to page 29
- ▷ "Servotronic:"
Servotronic programs, refer to page 44

- ▷ "Shift lights:"
Shift Lights, refer to page 28

3. Select the desired function, e.g. "DSC:".



4. Select the desired setting.



"Unchanged" retains the current setting created outside of M Drive, e.g. via the buttons in the center console.

The setting is stored for the remote control currently in use.

Activating the settings

Press the  button on the steering wheel.

 The indicator lamp in the instrument cluster comes on. The M Drive settings made on the Control Display are active.

 If the indicator lamp flashes after the button was pressed, M Drive could not be activated because the Antilock Brake System ABS or Dynamic Stability Control DSC is currently regulating driving stability. Press the  button again when the indicator lamp is no longer flashing. ◀

You can change individual settings outside of M Drive even when M Drive is activated, e.g. using the buttons on the center console. To reactivate all settings made on the Control Display for M Drive: press the  button twice.

When the M Drive is activated, changes on the Control Display are accepted immediately.

Resetting the settings

You can reset all M Drive settings to their default values:

1. "Settings"
2. "M Drive"
3. Move the controller to the right repeatedly until the "Options" menu is selected.
4. "Reset"



5. Confirm with "Yes".

Deactivating the settings

Press the  button on the steering wheel again. M Drive is deactivated. The indicator lamp in the instrument cluster goes out.

Operation using voice commands

You can also select the "M Drive" menu using voice commands.

-  > M Drive <.
The menu is selected.

M key settings

For the remote control currently in use, you can set your preferred program for the M Engine Dynamics Control, the Electronic Damper Control EDC and the Shift Lights. These presets are called up when the engine is started.

1. "Settings"
2. "M Drive"



3. Move the controller to the right repeatedly until the "Options" menu is selected.

The available functions are displayed:

- ▷ "POWER:"
M Engine Dynamics Control programs, refer to page 29
- ▷ "EDC:"
Electronic Damper Control programs, refer to page 38
- ▷ "Shift lights:"
Shift Lights, refer to page 28

4. Select the desired function.



5. Select the desired setting.

The setting is stored for the remote control currently in use.

Driving

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Start/Stop button

Note the following instructions for your BMW M3 that deviate from the description in the Owner's Manual for Vehicle.



Pressing the Start/Stop button switches radio readiness or the ignition on or off.



M double-clutch transmission: when you press the Start/Stop button while the brake is depressed, the engine starts. ◀

Starting the engine



Do not run the engine in enclosed areas; otherwise, the inhalation of toxic exhaust gases can cause loss of consciousness and death. The exhaust gases contain carbon monoxide, an odorless and colorless, but highly toxic gas. Never leave an unattended vehicle with the engine running; otherwise, such a vehicle represents a potential safety hazard.

Before leaving the car with the engine running, place the transmission in neutral and forcefully apply the parking brake to prevent the car from moving. ◀



Avoid frequent starting in quick succession as well as repeated start attempts in which the engine does not start. Otherwise, the fuel is not burned or incompletely burned and there is a danger of overheating and damaging the catalytic converter. ◀

Do not wait for the engine to warm up while the vehicle remains stationary. Start driving right away, but at moderate engine speeds.

Note the following instructions for your BMW M3 that deviate from the description in the Owner's Manual for Vehicle.

M double-clutch transmission with Drivelogic

Remote control in the ignition lock or, with Comfort Access, inside the vehicle.

1. Depress the brake.
2. Press the Start/Stop button.



The engine starts with the selector level in any position. Driving off: with the engine running, move the selector level from the middle position ● in the desired direction.

Every time you start the engine, sequential mode is activated in program S3 if you lightly press the selector lever to the right to position D/S with the brake pedal depressed.

Switching off the engine



When leaving the vehicle, always take along the remote control; this precaution prevents children from starting the motor, for example. ◀



When parking, apply the parking brake forcefully; otherwise, the vehicle could begin to roll. On steep uphill and downhill inclines, also secure the vehicle by turning the wheels toward the curb, for example. ◀

Note the following instructions for your BMW M3 that deviate from the description in the Owner's Manual for Vehicle.

M double-clutch transmission with Drivelogic

1. Press the Start/Stop button.
If the transmission is shifted into N when the engine is switched off, you will be notified visually and acoustically of this fact.
2. Forcefully apply the parking brake.
3. Remove the remote control from the ignition lock. The transmission position P is engaged automatically.

Automatic Start/Stop function

The concept

The Automatic Start/Stop function helps you to save fuel and reduce emissions. To accomplish this, the system automatically switches the engine off during a stop, e.g. in a traffic jam or at traffic signals. The ignition remains switched on. When you begin to drive again, the engine starts automatically. The system is in standby mode when manually activated after you start the engine.

Certain vehicle components may experience additional wear as a result of this system. Tests have shown that stopping an engine for more than a few seconds and then restarting it reduces fuel consumption and emissions com-

pared to a continuously running engine. Actual fuel economy results will depend upon driving habits, road conditions, environmental factors, and other circumstances.

Activating/deactivating the system



Press the button.

- ▷ The system is activated:
The LED in the button goes out.
- ▷ The system is deactivated:
The engine is started and the LED in the button lights up.
The engine can only be switched off or started via the Start/Stop button.

Operation with manual transmission

The Automatic Start/Stop function is only active after you begin to drive faster than 3 mph or 5 km/h.

The engine is switched off

The engine is automatically switched off when the vehicle is stopped, if the following prerequisites are met:

- ▷ The transmission is in the idle position and the clutch pedal is not depressed
- ▷ The driver's safety belt is fastened and the driver's door is closed



The indicator lamp indicates that the Automatic Start/Stop function for automatically starting the engine is ready.

When the engine is switched off, the airflow volume of the automatic climate control system is reduced.

The engine is not switched off

Before the engine is switched off, the system checks whether certain preconditions relating to safety and comfort have been met.

The engine is not automatically switched off in the following situations:

- ▷ Steering wheel is being moved or is at its maximum steering angle
- ▷ Outside temperatures below approx. +37 °F/+3 °C
- ▷ Passenger compartment in a heating or cooling phase
- ▷ High outside temperature and operation of the automatic climate control
- ▷ Condensation on windows while automatic climate control is switched on
- ▷ The engine is not yet warm
- ▷ The battery is significantly discharged
- ▷ The hood is unlocked
- ▷ After driving in reverse

The engine is started

After stopping, the engine starts automatically when the transmission is in the idle position and the clutch pedal is depressed or there are movements of the steering wheel.

Even if you do not wish to begin driving, the switched-off engine starts automatically in the following situations:

- ▷ The passenger compartment is heating up quickly despite the air conditioning system being switched on
- ▷ Condensation on windows while automatic climate control is switched on
- ▷ The battery is significantly discharged
- ▷ The vehicle is rolling

Safety feature



The engine does not start automatically if after an engine is switched off automatically, the driver's safety belt is unfastened and the driver's door is opened or the hood has been unlocked. The indicator lamp lights up. The engine can only be started via the Start/Stop button.

Operating the M double-clutch transmission

The Automatic Start/Stop function is only active after you begin to drive faster than 5 mph or 9 km/h.

The engine is switched off

The engine is automatically switched off when the vehicle is stopped, if the following prerequisites are met:

- ▷ The vehicle is braked to a stop
- ▷ The M double-clutch transmission is in the drive mode or sequential mode
- ▷ The driver's safety belt is fastened and the driver's door is closed



The indicator lamp indicates that the Automatic Start/Stop function for automatically starting the engine is ready.

When the engine is switched off, the airflow volume of the automatic climate control system is reduced.

The engine is not switched off

Before the engine is switched off, the system checks whether certain preconditions relating to safety and comfort have been met.

The engine is not automatically switched off in the following situations:

- ▷ Steering wheel is being moved or is at its maximum steering angle
- ▷ Outside temperatures below approx. +37 °F/+3 °C

- ▷ Passenger compartment in a heating or cooling phase
- ▷ High outside temperature and operation of the climate control system
- ▷ Condensation on windows while automatic climate control is switched on
- ▷ The engine is not yet warm
- ▷ The battery is significantly discharged
- ▷ The hood is unlocked
- ▷ After driving in reverse
- ▷ Excessively steep uphill or downhill gradient
- ▷ Stop-and-go traffic
- ▷ The brake pedal is released shortly after the vehicle comes to a stop

The engine is started

After stopping, the engine starts automatically after:

- ▷ The brake pedal is released
- ▷ The gas pedal is pressed while the brake pedal is being pressed
- ▷ There is steering movement
- ▷ The selector lever is moved from the D or S mode into the N or R position

Even if you do not wish to begin driving, the switched-off engine starts automatically in the following situations:

- ▷ The passenger compartment is heating up quickly despite the air conditioning system being switched on
- ▷ Condensation on windows while automatic climate control is switched on
- ▷ The battery is significantly discharged

Safety feature



The engine does not start automatically if after an engine is switched off automatically, the driver's safety belt is unfastened and the driver's door is opened or

the hood has been unlocked. The indicator lamp lights up. The engine can only be started via the Start/Stop button.

Malfunction



The Automatic Start/Stop function no longer automatically switches off the engine. The indicator lamp lights up. You can continue your journey. Have the system checked.

M double-clutch transmission with Drivelogic

The concept

The M double-clutch transmission with Drivelogic is an automated manual transmission with two clutches and a partial transmission in which an electro-hydraulic system takes over clutch action and shifting.

With the M double-clutch transmission, gears are changed without interruption of the traction force.

The M double-clutch transmission is operated using the selector lever or two shift paddles on the steering wheel.

It offers you the following functions:

- ▷ Choice between sequential mode and drive mode
- ▷ Selection between different drive programs, Drivelogic, refer to page 27
- ▷ Shift Lights, refer to page 28
- ▷ Automatic downshifting and protection against selecting the wrong gear even in sequential mode
- ▷ Acceleration assistant, Launch Control, refer to page 29
- ▷ Automatic intermediate throttle application
- ▷ Low Speed Assistant
- ▷ Hill Start Assistant

System limitations

The M double-clutch transmission is equipped with an overheating protection system that protects the clutch against extreme loads.



The indicator lamp lights up in yellow if the transmission becomes too warm.

Avoid high engine loads and frequent accelerations from zero. If the transmission is overheated, the indicator lamp lights up red. You can continue your journey, but moderate your speed and exercise due caution. Bring the vehicle to a stop at your soonest opportunity, switch off the engine, and allow the transmission to cool down.

Avoid frequent powerful accelerations from zero and do not hold the vehicle on inclines by pressing lightly on the accelerator while letting the clutch slip, as this may cause the transmission to overheat.

In traffic congestion or at very low speeds, use the Low Speed Assistant, refer to the information below.

Low Speed Assistant

The Low Speed Assistant supports you when driving at very low speeds: the vehicle moves at walking speed and automatically controls the engine speed. You can also use the Low Speed Assistant when rocking the vehicle out of deep snow. To do so, shift between reverse gear and the forward position without pressing the brake.

Activating

1. Engage a drive position.
2. Briefly press the accelerator.

The vehicle rolls at the minimum speed.



Do not press the brake continuously as this may cause the transmission to overheat. ◀

Deactivating

Brake the vehicle to a stop to deactivate the Low Speed Assistant.

Hill Start Assistant

The Hill Start Assistant provides you with assistance when starting off on uphill grades, refer to Drive-off assistant on page 39.

Selector lever positions



- ▷ R: reverse gear
- ▷ ●: middle position
 - ▷ N: neutral
 - ▷ +: shift up manually
 - ▷ -: shift down manually
 - ▷ D/S: change between drive mode and sequential mode

Push or pull the selector lever in the required direction to engage the desired transmission position.

When you release the selector lever, it returns to its center position. The selector lever locks in position R.

The transmission position currently engaged is indicated in the instrument cluster and by LEDs on the selector lever.

Shiftlock

To shift out of N when the vehicle is stationary, step on the brake; otherwise, the gearshift request will not be executed.

R Reverse

Select this only when the vehicle is stationary.

N Neutral

If the driving situation demands, e.g. when downshifting on a slippery road, the M double-clutch transmission disengages and engages the clutch automatically.

N engages when you open the driver's door while the engine is running, your safety belt is not fastened and you press neither the brake pedal nor the accelerator. If you immediately step on the brake or accelerator pedal, the vehicle can be moved for maneuvering purposes.

To drive off after closing the driver's door and fastening your safety belt, move the selector lever to position N first and then to the desired drive position.

 N remains engaged even after the engine is switched off if you leave the remote control in the ignition lock. You can use this function at a car wash, for example, refer to page 65. ◀

S sequential mode

Shift up or down using the shift paddles or the selector lever. You do not need to lift your foot off the accelerator when doing so.

Shift from sequential mode to drive mode: press the selector lever to the right in the D/S direction.

Shift back to sequential mode: shift using the shift paddles or the selector lever, or press the selector level to the right in the D/S direction again.

On a level road, you can drive off in second gear, e.g. on slippery roads.

The M double-clutch transmission assists you in the following situations:

- ▷ Upshifts and downshifts are executed only when they will result in a plausible combination of engine and vehicle speed; thus, for example, a downshift that could cause the engine to overrev will not be executed by the system.

- ▷ When the vehicle stops, Drivelogic drive programs 2 to 6 are automatically shifted down into first gear.
- ▷ Shortly before the speed falls below a gear-dependent minimum speed, the transmission automatically downshifts without your intervention.

Quick downshifting: to accelerate rapidly, e.g. when passing, you can skip several gears in sequential mode. To do so, press the accelerator past the resistance point and pull the left shift paddle once or press the selector lever forward once. This provides maximum acceleration.

D drive mode

In Drive mode, all forward gears are shifted automatically.

Shift from drive mode to sequential mode: shift using the shift paddles or the selector lever, or press the selector level to the right in the D/S direction.

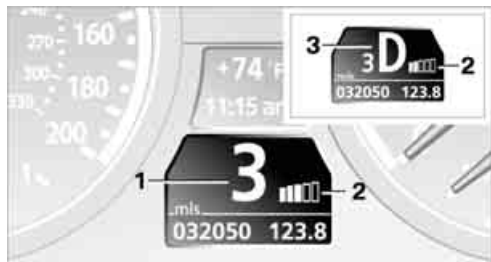
Shift back to drive mode: press the selector lever to the right in the D/S direction again.

Kickdown: to accelerate rapidly, e.g. when passing, you can skip several gears. To do so, depress the accelerator past the resistance point. This provides maximum acceleration.

P Park

 P is engaged automatically when the engine is switched off unless N is engaged and the remote control is in the ignition lock. When you remove the remote control from the ignition lock, P is engaged regardless of the selector lever position. ◀

Displays in the instrument cluster



- 1 Engaged gear 1 to 7, R, N, P
- 2 Selected drive program, corresponds to the number of illuminated fields, refer to Drivelogic, page 27
- 3 The gear currently engaged is displayed together with a D in drive mode

At very low outside temperatures, this display may not be functional. The engaged driving direction is indicated by the LEDs on the selector lever.

Changing gears

Using the selector lever

- ▷ To upshift, pull the selector lever toward the rear.
- ▷ To downshift, push it toward the front.

Via the shift paddles on the steering wheel



- ▷ To upshift, briefly pull the right shift paddle +.
- ▷ To downshift, briefly pull the left shift paddle -.

Unlocking the parking lock manually

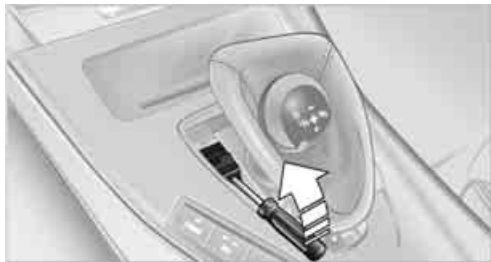


In the event of a power supply interruption such as a discharged or disconnected battery or an electrical malfunction, the parking lock must be manually unlocked; otherwise, the rear wheels are immobilized and the vehicle cannot be towed. ◀

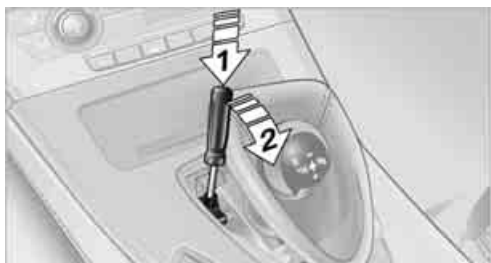
Only unlock the parking lock manually for towing and make sure to set the parking brake forcefully beforehand so that the vehicle cannot roll. Lock the parking lock again after the vehicle is parked.

Releasing

1. Unclip the sleeve of the selector lever.
2. Pull the sleeve up over the selector lever until the sleeve is inside out.
3. Push the black cover forward using the screwdriver from the onboard vehicle tool kit.



4. Insert the screwdriver into the opening of the white lever, arrow 1.



5. Pull the screwdriver back all the way, arrow 2. The parking lock is unlocked.

- Carefully remove the screwdriver, for example to avoid accidentally engaging the parking lock during towing.

 After parking the vehicle, lock the parking lock again or forcefully apply the parking brake. Otherwise, there is a danger that the vehicle will roll. ◀

Locking

- Insert the screwdriver into the opening of the white lever and press forward.
The parking lock is locked again.
- Fold back the black cover until it engages audibly.
- Clip the sleeve of the selector lever back into place.

Jump-starting and towing, starting on page 70.

Drivelogic

Various drive programs are available to you via Drivelogic.

After every change between sequential and drive mode, the program selected last in each case is active. Exception: after the first change from sequential to drive mode, drive program 3 is active.

In drive mode

Five drive programs are available for selection, from winter program/balanced 1 to sporting and highly dynamic 5.

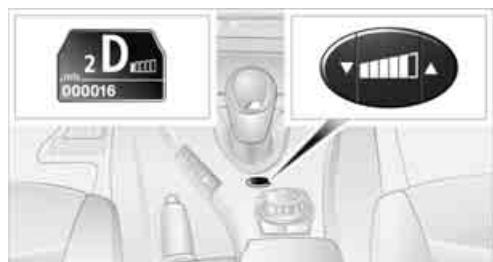
In sequential mode

You can choose between six drive programs, from winter program/balanced 1 to sporty puristic 6.

Program 6 is available when Dynamic Stability Control is deactivated, refer to page 37. If DSC is activated, the program changes from 6 to 5.

 To maintain driving stability, keep DSC activated whenever possible. ◀

Selecting the drive program via the button in the center console



Press the button repeatedly until the desired drive program is displayed in the instrument cluster, refer to page 26.

Selecting the drive program via M Drive

Setting via button on steering wheel, refer to page 17.

Setting via iDrive:

- Switch on the ignition.
- "Settings"
- "M Drive"
- Select "Drivelogic:".



- Turn the controller to set drive mode or sequential mode.
"Unchanged" retains the current settings made outside of M Drive.
- Press the controller to select the drive programs.
- Turn the controller to set the drive program.
- Press the controller.

You can also activate the selected drive program using the  button on the steering wheel;

refer to M Drive on page 17. M Drive is opened with the settings you selected.

 Observe the DSC settings in M Drive; otherwise, driving stability may be impaired and there is the risk of an accident. ◀

Shift Lights

To achieve the best possible acceleration in sequential mode when using a sporty driving style, the Shift Lights in the instrument cluster indicate the best shift point just before the maximum engine speed is reached.



1. As the vehicle approaches its maximum engine speed, the yellow LEDs 1 light up consecutively to indicate the impending shift point.
2. At the latest, shift when the red LEDs 2 light up.

When the maximum permissible speed is reached, the LEDs flash. When the maximum speed is exceeded, the fuel supply is interrupted to protect the engine. Avoid engine speeds in this range at all costs.

Switching the Shift Lights on/off

For operating principle, refer to page 35.

1. Switch on the ignition, refer to page 20.
2. Briefly press button 1 in the turn signal/high beam lever up or down repeatedly until the symbol appears in the display, accompanied by the word "SET".



3. Press button 2.



4. Use button 1 to select:
 - ▷ ON
Shift Lights activated.
 - ▷ OFF
Shift Lights deactivated.

5. Press button 2.

The setting is stored for the remote control currently in use.

Switching the Shift Lights on/off via M Drive

You can also set and call up the preferred status of the Shift Lights via M Drive on the Control Display; refer to page 17.

Press the  button on the steering wheel, refer to M Drive on page 17. M Drive is opened with the settings you selected.

 Observe the DSC settings in M Drive; otherwise, driving stability may be impaired and there is the risk of an accident. ◀

After the ignition is switched off and the engine is restarted, the status saved for the remote control in use is active, refer to M key settings on page 19.

Brightness of Shift Lights

The brightness of the Shift Lights can be set using the brightness control in the instrument cluster.

Launch Control

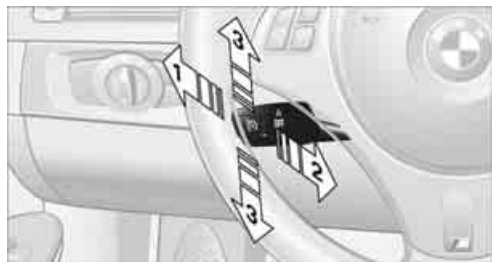
Launch Control enables an optimum acceleration when starting off on a road surface with good traction.

 Do not use Launch Control too often; otherwise, the powerful stresses on the vehicle will lead to premature component wear. ◀

Launch Control is available when the engine is at operating temperature, i.e. after driving continuously for approx. 6 miles/10 km.

1. Press the brake while the engine is running.
2. Deactivate Dynamic Stability Control DSC, refer to page 38.
3. Select sequential mode with Drivelogic drive program 6.
4. With the vehicle stationary, press the selector lever forward and hold. A flag symbol appears in the instrument cluster.
5. Press the accelerator down all the way. The engine speed for pulling away is adjusted.

6. If you wish, you can adjust the drive-off engine speed by up to approx. 500 rpm:



- ▶ Increase the drive-off engine speed by approx. 100 rpm: press the lever beyond the resistance point, arrow 1.
 - ▶ Decrease the drive-off engine speed by approx. 100 rpm: pull the lever beyond the resistance point, arrow 2.
 - ▶ Reset the drive-off engine speed: press the lever upward or downward, arrows 3.
7. The vehicle accelerates when you release the selector lever. Keep the accelerator pedal floored.
 8. The transmission shifts up automatically as long as the accelerator is pressed all the way down.

Launch Control will be ready for use again after you drive a certain distance.

Do not use Launch Control during the vehicle break-in period, refer to page 50.



To maintain driving stability, keep DSC activated whenever possible. ◀

M Engine Dynamics Control

The concept

With M Engine Dynamics Control you can influence how sportily your vehicle should respond to movements of the accelerator.

You can choose between two programs or, when M Drive is configured via iDrive, three programs.

"Normal" program

In the "Normal" program, the engine responds gently to accelerator movements, which is ideal for city traffic or on snow, for example.

"Sport" program

The "Sport" program provides for a more spontaneous response of the engine to accelerator movements.

"Sport Plus" program

In the "Sport Plus" program, the engine responds to accelerator movements with high spontaneity and uncompromising sportiness. The "Sport Plus" program can only be activated via M Drive, refer to M Drive on page 17.

Selecting a program

Using the button in the center console



Press the POWER button to switch between the "Normal" and "Sport" programs.

When the "Sport" program is in use, the LED in the POWER button lights up.

The selected program is stored for the remote control currently in use and is reactivated the next time the engine is started.

Via M Drive

You can also set and activate your preferred program via M Drive, refer to page 17.

When the "Sport" or "Sport Plus" program is in use, the LED in the POWER button lights up.

Press the  button on the steering wheel, refer to M Drive on page 17. M Drive is opened with the settings you selected.



Observe the DSC settings in M Drive; otherwise, driving stability may be impaired and there is the risk of an accident. ◀

After the ignition is switched off and the engine is restarted, the status saved for the remote control in use is active, refer to M key settings on page 19.

Cruise control

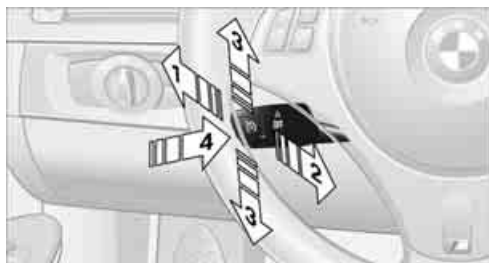
The concept

Cruise control is available for use at speeds of approx. 20 mph or 30 km/h. The car then stores and maintains the speed that you specify using the lever on the steering column. This function is not available when DSC is switched off.



Do not use cruise control when driving at constant speed is prevented by adverse conditions, e.g. winding roads, dense traffic or poor road conditions due to, e.g. snow, rain, ice or loose surfaces. Otherwise, you could lose control of the vehicle and cause an accident as a result. ◀

One lever for all functions



- 1 Storing and maintaining speed or accelerating
- 2 Storing and maintaining speed or decelerating
- 3 Deactivating cruise control
- 4 Resuming a previously stored speed

Maintaining current speed

Briefly press the lever, arrow **1**, or pull it briefly, arrow **2**.

The car's current speed is stored and maintained. It is displayed on the speedometer and briefly in the instrument cluster.

On uphill gradients, it may prove impossible to maintain the set speed if current engine power output is insufficient. If the engine braking effect is insufficient on steep downhill grades, it may not be possible to reach the stored speed or the stored speed may be exceeded.

Increasing desired speed

Repeatedly press the lever to the resistance point or beyond, arrow **1**, until the desired speed is reached.

- ▷ Each time the lever is pressed lightly to the resistance point, the desired speed is increased by approx. 1 mph or 1 km/h.
- ▷ Each time the lever is pressed beyond the resistance point, the desired speed is increased by up to 5 mph or 10 km/h.

The system stores and maintains the speed.

Accelerating using the lever

Accelerate slightly, increase speed steadily:

Press the lever to the resistance point, arrow **1**, until the desired speed is reached.

Accelerate strongly, increase speed in intervals of 10:

Press the lever beyond the resistance point, arrow **1**, until the desired speed is reached.

The vehicle accelerates without pressure on the accelerator pedal. The system stores and maintains the speed.

Decreasing desired speed

Repeatedly pull the lever to the resistance point or beyond, arrow **2**, until the desired speed is displayed.

- ▷ Each time the lever is pulled to the resistance point, the desired speed is reduced by approx. 1 mph or 1 km/h.
- ▷ Each time the lever is pulled beyond the resistance point, the desired speed is decreased by up to 5 mph or 10 km/h, down to a minimum speed of 20 mph or 30 km/h.

The engine braking power slows the vehicle to the desired speed. The system stores and maintains the speed.

Deactivating cruise control

Briefly press the lever upwards or downwards, arrow **3**.

The displays on the speedometer disappear.

In addition, the system is automatically deactivated:

- ▷ When you apply the brakes
- ▷ When you shift gears or depress the clutch
- ▷ When you deactivate DSC
- ▷ When DSC or ABS is intervening

Cruise control is not deactivated by depressing the accelerator pedal. Once the accelerator pedal is released, the stored speed is achieved again and maintained.

Resuming a previously stored speed

Press the button, arrow **4**.

The stored speed is resumed and maintained.

When the ignition is switched off, the stored speed value is cleared and can no longer be called up.

Displays in the instrument cluster



- 1 Stored speed
- 2 Selected speed is displayed briefly

Controls overview

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Tachometer



The variable advance warning zone, arrow 1 and arrow 2, limits the currently permissible engine speed range depending on the engine oil temperature. The permissible engine speed increases as the engine oil temperature rises. If at all possible, avoid engine speeds in the yellow advance warning zone, arrow 1.

Absolutely avoid engine speeds in the red warning field, arrow 2. In this range, the engine speed is limited to protect the engine.

Engine oil temperature



When the engine is at normal operating temperature, the engine oil temperature is between approx. 175 °F / 80 °C and approx. 250 °F / 120 °C.

If the engine oil temperature is too high, a warning lamp lights up in the instrument cluster or a message appears on the Control Display.

Fuel gauge



Fuel tank capacity: approx. 16.6 US gal/ 63 liters.

You can find information on refueling on page 56.

If the tilt of the vehicle varies for a longer period, when you are driving in mountainous areas, for example, the indicator may fluctuate slightly.

Reserve



Refuel as soon as possible once your cruising range falls below 30 miles/ 50 km, otherwise engine functions are not ensured and damage can occur. ◀

Without iDrive

Once the fuel level has fallen to the reserve zone of approx. 3.3 US gal/12.5 liters, the indicator lamp and cruising range for the remaining amount of fuel are displayed briefly. The indicator lamp remains permanently on when the remaining range is less than approx. 30 miles/ 50 km.

With iDrive

Once the fuel level has fallen to the reserve zone, a message briefly appears on the Control Display and the cruising range for the remaining amount of fuel is displayed on the computer. Under a cruising range of approx. 30 miles/ 50 km, the message remains in the Control Display.

The following items of information are displayed in the order listed:

- ▷ Cruising range
- ▷ Oil level, refer to Checking oil level on page 61
- ▷ Average fuel consumption
- ▷ Speed
- ▷ No information
- ▷ M double-clutch transmission:
 - ▷ Outside temperature, time, cruising range, oil level, average fuel consumption and speed appear in the top display. ◀

Computer

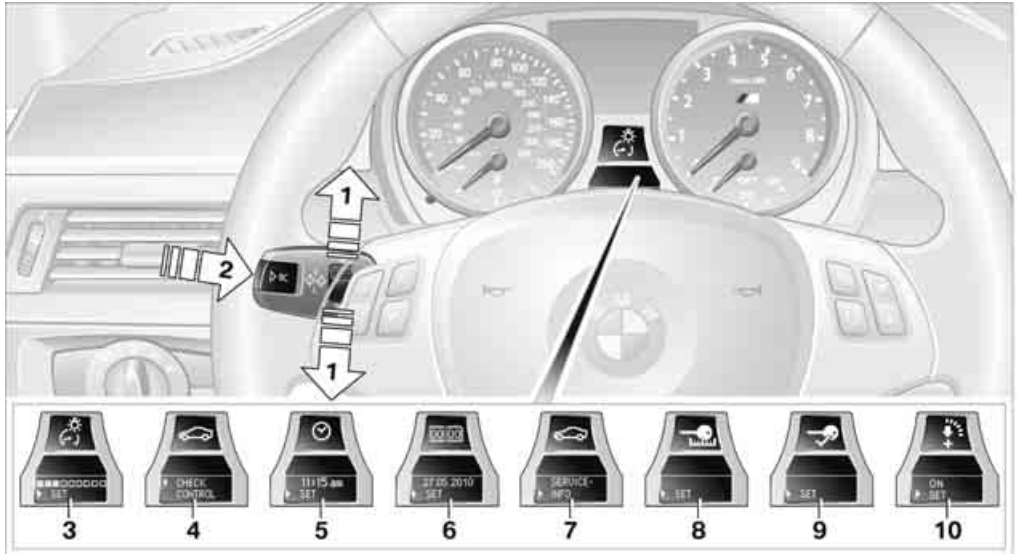
Displays in the instrument cluster



Press the button in the turn signal/high beam lever.

Settings and information

Operating principle without iDrive



Certain settings and information can only be made or called up when the ignition is switched on. A number of settings cannot be made while driving.

- 1 Button for:
 - ▶ Selecting display
 - ▶ Setting values
- 2 Button for:
 - ▶ Confirming selected display or set values
 - ▶ Calling up computer information [34](#)
- 3 When the lights are on: instrument lighting brightness
- 4 Calling up Check Control
- 5 Setting the time
- 6 Setting the date
- 7 Viewing service requirement display
- 8 Setting formats and units of measure, resetting to factory settings

9 Adjusting settings

- ▶ Confirmation signals when locking and unlocking the vehicle
- ▶ Response during unlocking procedure
- ▶ Automatic locking
- ▶ Pathway lighting
- ▶ Daytime running lights
- ▶ Triple turn signal activation
- ▶ Seat memory

10 Switching the Shift Lights on/off [28](#)

Exiting displays

After end of the current adjustment procedure is terminated by pressing the button **2** or if no entry is made within approx. 15 seconds, the outside temperature and time are displayed.

Operating principle with iDrive



- | | |
|---|--|
| <p>1 Button for:</p> <ul style="list-style-type: none"> ▶ Selecting display ▶ Setting values <p>2 Button for:</p> <ul style="list-style-type: none"> ▶ Confirming selected display or set values ▶ Calling up computer information 34 | <p>3 When the lights are on: instrument lighting brightness</p> <p>4 Calling up Check Control</p> <p>5 Setting the time</p> <p>6 Setting the date</p> <p>7 Viewing service requirement display</p> <p>8 Switching the Shift Lights on/off 28</p> |
|---|--|

Exiting displays

After end of the current adjustment procedure is terminated by pressing the button **2** or if no entry is made within approx. 15 seconds, the outside temperature and time are displayed.

Technology for driving comfort and safety

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Driving stability control systems

Contrary to the description in the Owner's Manual for Vehicle, your BMW M3 is not equipped with Dynamic Traction Control DTC.

Dynamic Stability Control DSC

DSC optimizes driving stability and traction. In addition, the system recognizes unstable driving situations such as understeering and oversteering, and helps keep the vehicle on a safe course within physical limits by reducing engine power and applying the brakes on individual wheels.

 The laws of physics cannot be repealed, even with DSC. An appropriate driving style always remains the responsibility of the driver. Therefore, do not reduce the additional safety margin again by taking risks, as this could result in an accident. ◀

M Dynamic Mode MDM

M Dynamic Mode is a mode of the Dynamic Stability Control DSC that permits greater longitudinal and lateral acceleration when driving on dry surfaces, yet with reduced driving stability. Only at the absolute limit of stability does the system intervene to stabilize the vehicle by reducing engine power and applying the brakes

on the wheels. In such situations, additional corrective steering maneuvers may be necessary.

M Dynamic Mode is switched off every time the engine is started.

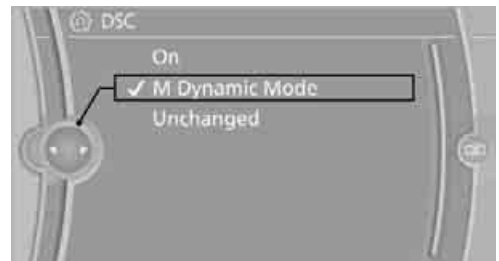
 When the M Dynamic Mode is on, stabilizing measures are performed to a limited degree only. Take action yourself, otherwise there is a risk of an accident. ◀

 To maintain vehicle stability, drive with the DSC activated and the M Dynamic Mode deactivated whenever possible. ◀

Activating MDM

When the ignition is on, you can set the M Dynamic Mode via M Drive on the Control Display.

1. "Settings"
2. "M Drive"
3. "DSC:"
4. Select "M Dynamic Mode".



Press the  button on the steering wheel, refer to M Drive on page 17. M Drive is opened with the settings you selected.

 Observe the DSC settings in M Drive; otherwise, driving stability may be impaired and there is the risk of an accident. ◀

For better control

MDM

The MDM indicator lamp lights up and the DSC indicator lamp flashes:

M Dynamic Mode is controlling the drive and braking forces.



The indicator lamp DSC lights up: DSC and M Dynamic Mode have failed.

MDM

If the indicator lamp lights up: M Dynamic Mode is activated

Deactivating MDM

Press the  button on the steering wheel again; MDM and the settings selected under M Drive are deactivated. The indicator lamps in the instrument cluster go out.

Deactivating DSC



Press the button for at least 3 seconds until the indicator lamp for DSC OFF lights up and DSC OFF is displayed in the instrument cluster. DSC and M Dynamic Mode are both deactivated. Stabilizing and drive-output promoting actions are no longer executed.

You may find it useful to briefly deactivate DSC under the following exceptional circumstances:

- ▷ When driving uphill on snow-covered roads, in slush or on unplowed, snow-covered roads
- ▷ When rocking a stuck vehicle free or starting off in deep snow or on loose ground
- ▷ When driving with snow chains

To increase vehicle stability, activate DSC again as soon as possible.

Activating DSC

Press the button again; the indicator lamp in the instrument cluster goes out.

Via M Drive

With the ignition switched on, you can also set DSC via M Drive on the Control Display, also refer to page 17.

Press the  button on the steering wheel, refer to M Drive on page 17. M Drive is opened with the settings you selected.



To maintain driving stability, activate DSC whenever possible. ◀

For better control



If the indicator lamp flashes: the DSC controls the driving and braking forces.

If the indicator lamp lights up: DSC and MDM have failed.



The indicator lamp lights up and DSC OFF is displayed in the instrument cluster: DSC is deactivated.

Electronic Damper Control EDC

The concept

Whenever there is a change in any significant parameter such as road surface quality or in an operating condition such as steering, braking, etc., the damping automatically adjusts to the new conditions in fractions of a second.

You can select between three programs.

"Comfort" program

Select the "Comfort" program if you want comfort-oriented control of the shock absorbers.

"Normal" program

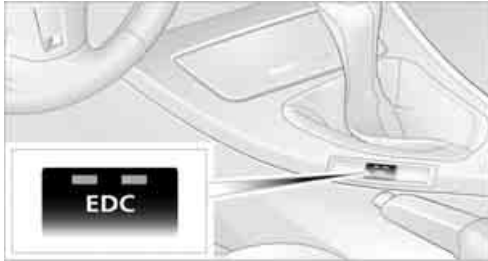
The "Normal" program offers control that is balanced between comfort and sportiness.

"Sport" program

Select the "Sport" program if you want consistently sporty control of the shock absorbers.

Selecting a program

Using the button in the center console



Press the EDC button repeatedly:

- ▷ "Comfort": LED off.
- ▷ "Normal": one LED lights up.
- ▷ "Sport": both LEDs light up.

The selected program is stored for the remote control currently in use and is reactivated the next time the engine is started.

Via M Drive

You can also set and activate your preferred program via M Drive, refer to page 17.

Press the  button on the steering wheel, refer to M Drive on page 17. M Drive is opened with the settings you selected.

 Observe the DSC settings in M Drive; otherwise, driving stability may be impaired and there is the risk of an accident. ◀

After the ignition is switched off and the engine is restarted, the status saved for the remote control in use is active, refer to M key settings on page 19.

Drive-off assistant

The drive-off assistant enables you to drive off smoothly on uphill gradients. It is not necessary to use the parking brake for this.

1. Hold the car in place by depressing the brake.
2. Release the brake and drive off without delay.



The drive-off assistant holds the car in place for approx. 2 seconds after the brake is released. Drive off without delay after releasing the brake. Otherwise, the drive-off assistant will no longer hold the car in place after approx. 2 seconds and the car will start to roll backwards. ◀

Flat Tire Monitor FTM

The concept

The system does not measure the actual inflation pressure in the tires.

The system detects a pressure loss in a tire by comparing the rotational speeds of the individual wheels while moving.

In the event of a pressure loss, the diameter and therefore the rotational speed of the corresponding wheel change. This is detected and reported as a flat tire.

Functional requirement

The system must have been initialized while the tire inflation pressure was correct; otherwise, reliable signaling of a flat tire is not ensured.

Initialize the system after every correction of the tire inflation pressure, after every tire or wheel change, and after each time a trailer is hitched or unhitched.

System limitations



Sudden serious tire damage caused by external influences cannot be indicated in advance. ◀

A natural, steady pressure loss in all four tires is not detected. Therefore, check the tire inflation pressure regularly.

In the following situations, the system could be delayed or malfunction:

- ▷ System has not been initialized
- ▷ Driving on snowy or slippery road surface
- ▷ Performance-oriented style of driving: slip in the drive wheels, high lateral acceleration
- ▷ Snow chains are attached

Status display

The current status of the Flat Tire Monitor can be displayed on the Control Display, e.g. whether or not the FTM is active.

1. "Vehicle Info"
2. "Vehicle status"
3. "Flat Tire Monitor"



The status is displayed.

Initialization

The initialization process adopts the set inflation tire pressures as reference values for the detection of a flat tire. Initialization is started by confirming the inflation pressures.

Do not initialize the system when driving with snow chains.

Using the button in the center console

1. Start the engine, but do not start driving.
2. Press the button for approx. 4 seconds until the warning lamp in the instrument cluster

lights up yellow. Warning lamp, refer to Indication of a flat tire on page 40.



3. Start driving.
Initialization is completed while the car is moving, without any feedback.

Via iDrive

1. "Vehicle Info"
2. "Vehicle status"
3. "Reset"



4. Start the engine – do not drive away.
5. Start the initialization by selecting "Reset".
6. Start driving.



The initialization is completed during driving, which can be interrupted at any time. When driving resumes, the initialization is continued automatically. ◀

Indication of a flat tire



The warning lamps come on in yellow and red. A message appears on the Control Display. In addition, an acoustic signal sounds. There is a flat tire or substantial loss of tire pressure.

1. Reduce speed and stop the vehicle with caution. Avoid sudden braking and steering maneuvers.
2. Identify the damaged tire.
To do so, check the tire pressure in all four tires using the Mobility System, refer to Correcting the tire inflation pressure on page 69.

If the inflation pressure in all four tires is correct, the Flat Tire Monitor might not have been initialized. The system must then be initialized.

If it is not possible to identify the damaged tire, contact your BMW center.

3. Repair the flat tire on the damaged wheel using the Mobility System, refer to page 67.

The system is inactive and cannot indicate a flat tire:

- ▷ When a wheel without TPM electronics is installed.
- ▷ Interference with TPM by other systems or devices with the same transmission frequency.

Status display

The current status of the Tire Pressure Monitor TPM can be displayed on the Control Display, e.g., whether or not the TPM is active.

1. "Vehicle Info"
2. "Vehicle status"
3. "Tire Pressure Monitor - TPM"



The status is displayed.

Tire Pressure Monitor TPM

The concept

Check the inflation pressure in the four installed tires. The system notifies you if there is a significant loss of pressure in one or more tires.

Functional requirement

The system must have been reset while the inflation pressure was correct; otherwise, reliable signaling of a flat tire is not ensured. Always use wheels with TPM electronics to ensure that the system will operate properly. Each time a tire inflation pressure has been corrected or a wheel or tire has been changed, reset the system.

System limitations



Sudden serious tire damage caused by external influences cannot be indicated in advance. ◀

The system does not function properly if it was not reset. In spite of the proper tire pressures, a flat tire, for example, is indicated.

Status indicator on the Control Display

The color of the wheels represents the status of the tires and the system.

A change in the tire inflation pressure during driving is taken into account.

A correction is only required when this is indicated by the TPM.

Green wheels

The tire inflation pressure corresponds to the established target value.

"TPM active" appears in the Control Display.

One wheel yellow

There is a flat tire or substantial loss of tire pressure in the indicated tire.

All wheels yellow

- ▷ There is a flat tire or substantial loss of tire pressure in several tires.
- ▷ The system was not reset after a wheel change and thus issues a warning based on the inflation pressures initialized last.

Gray wheels

The system cannot detect a puncture.

Possible reasons for this:

- ▷ TPM is being reset
- ▷ Temporary malfunction caused by systems or devices using the same radio frequency
- ▷ Malfunction

Resetting the system

Each time a tire inflation pressure has been corrected or a wheel or tire has been changed, reset the system. ◀

Using the button in the center console

1. Start the engine, but do not start driving.
2. Press the button for approx. 4 seconds until the warning lamp in the instrument cluster lights up yellow. Warning lamp, refer to Message for low tire inflation pressure on page 42.
The "Resetting TPM..." message appears on the Control Display for several seconds.



3. Start driving.
After driving a few minutes, the set inflation pressures in the tires are accepted as the target values to be monitored. The system reset is completed during your drive, and

can be interrupted at any time. When driving resumes, the reset is continued automatically. The indicator lamp goes out after the system reset is completed.

Via iDrive

1. "Vehicle Info"
2. "Vehicle status"
3. "Reset"



4. Start the engine – do not drive away.
5. Start the initialization by selecting "Reset".
6. Start driving.

The tires are shown in gray and "Resetting TPM..." is displayed.

After driving a few minutes, the set inflation pressures in the tires are accepted as the target values to be monitored. The resetting process is completed automatically as you drive. The tires are depicted in green on the Control Display and "Status: TPM active" is displayed again.

The trip can be interrupted at any time. When driving resumes, resetting continues automatically.



If a flat tire is detected while the system is resetting, all tires on the Control Display are displayed in yellow. The message "Low tire!" is displayed. ◀

Message for low tire inflation pressure



The warning lamps light up in yellow and red. A message appears on the Control Display. In addition, a signal sounds.

- ▷ There is a flat tire or substantial loss of tire pressure in the indicated wheel.
- ▷ The system was not reset after a wheel change and thus issues a warning based on the inflation pressures initialized last.
- ▷ Malfunction
Have the system checked.
- ▷ Tire Pressure Monitor was unable to complete the resetting process. Reset the system again.

Actions in the event of a flat tire

1. Reduce speed and stop the vehicle with caution. Avoid sudden braking and steering maneuvers.
2. Identify the damaged tire or tires on the vehicle. To do so, check the status display on the Control Display, refer to page 41, or check the tire inflation pressure using the Mobility System, refer to Correcting the tire inflation pressure on page 69.

If it is not possible to identify which tire is damaged, contact your BMW center.

3. Repair the flat tire using the Mobility System, refer to page 67.

Have the tire replaced by your BMW center. They are well versed in dealing with the Tire Pressure Monitor.

Message for unsuccessful system reset



The warning lamp lights up yellow. A message appears on the Control Display. The system has not been reset after a tire has been changed, for example.

Check the tire inflation pressure and reset the system, refer to page 42.

Malfunction



The small warning lamp flashes in yellow and then lights up continuously; the large warning lamp lights up in yellow. On the Control Display, the wheels are shown in gray and a message appears. No punctures can be detected.

Display in the following situations:

- ▷ A wheel without TPM electronics has been installed:
Have it checked by your BMW center.



The small warning lamp flashes in yellow and then lights up continuously; the large warning lamp lights up in yellow. On the Control Display, the wheels are shown in gray and a message appears. No punctures can be detected.

Display in the following situations:

- ▷ Interference due to systems or devices that use the same radio frequency:
The system automatically becomes active again when the vehicle moves out of the interference zone.

Declaration according to NHTSA/ FMVSS 138

Tire Pressure Monitoring Systems

Each tire should be checked monthly when cold and inflated to the inflation pressure recommended by the vehicle manufacturer on the vehicle placard or tire inflation pressure label. If your vehicle has tires of a different size than the size indicated on the vehicle placard or tire inflation pressure label, you should determine the proper tire inflation pressure for those tires. As an added safety feature, your vehicle has been equipped with a tire pressure monitoring system, TPMS, that illuminates a low tire pressure telltale when one or more of your tires are significantly underinflated. Accordingly, when the low tire pressure telltale illuminates, you should stop and check your tires as soon as possible, and inflate them to the proper pressure. Driving on a significantly underinflated tire causes the tire to overheat and can lead to tire failure. Underinflation also reduces fuel efficiency and tire tread life, and may affect the vehicle's handling and stopping ability. Please note that the Tire Pressure Monitor is not a substitute for proper tire maintenance, and it is the drivers responsibility to maintain correct tire pressure,

even if under-inflation has not reached a level sufficient to trigger illumination of the TPM low tire pressure indicator.

The TPMS malfunction indicator is combined with the low tire pressure telltale. When the system detects a malfunction, the telltale will flash for approximately one minute and then remain continuously lit. This sequence will continue upon subsequent vehicle startups as long as the malfunction exists. When the malfunction indicator is illuminated, the system may not be able to detect or signal low tire pressure as intended. TPMS malfunctions may occur for a variety of reasons, including the installation of replacement or alternate tires or wheels on the vehicle that prevent the TPMS from functioning properly. Always check the TPMS malfunction telltale after replacing one or more tires or wheels on your vehicle to ensure that the replacement or alternate tires and wheels allow the TPMS to continue to function properly.

Servotronic

The concept

"Servotronic" varies the steering force required to turn the wheels as a function of the speed at which you are driving.

At low speeds, the steering force is strongly assisted, i.e. less force is needed for steering. As the vehicle speed increases, the steering assisting power is reduced.

With M Drive you can select between two programs.

"Normal" program

Select the "Normal" program if you want comfort-oriented steering, e.g. in city traffic or when parking.

"Sport" program

Select the "Sport" program if you want consistently sporty steering.

Selecting a program

You can set and call up your preferred program via M Drive on the Control Display, refer to page 17.

Press the  button on the steering wheel, refer to M Drive on page 17. M Drive is opened with the settings you selected.



Observe the DSC settings in M Drive; otherwise, driving stability may be impaired and there is the risk of an accident. ◀

After the ignition is switched off and the engine is restarted, the status saved for the remote control in use is active, refer to M key settings on page 19.

Pedestrian protection system, active

The active pedestrian protection system is expected to be available starting in 08/2012.

Lamps

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Adaptive Light Control

Note the following instructions for your BMW M3 that deviate from the description in the Owner's Manual for Vehicle.

The concept

Adaptive Light Control is a variable headlamp control system that enables better illumination of the road surface.

Depending on the steering angle and other parameters, the light from the headlamp follows the course of the road.

In tight curves, e.g., winding roads, or when turning, an additional corner-illuminating lamp is switched on that lights up the inside area of the curve up to a certain speed.

Activating

Gear shift position **3** when the ignition is on. The corner-illuminating lamp is switched on automatically, depending on the steering wheel angle or turn signal indicator.

To avoid blinding oncoming traffic, the Adaptive Light Control does not direct light toward the driver's side when the vehicle is at a standstill.

When you are reversing, only the corner-illuminating lamps are switched on and active on both sides.

Malfunction

The LED next to the symbol for automatic headlamp control flashes.

The Adaptive Light Control is malfunctioning or failed. Have the system checked as soon as possible.

Practical interior accessories

Vehicle equipment

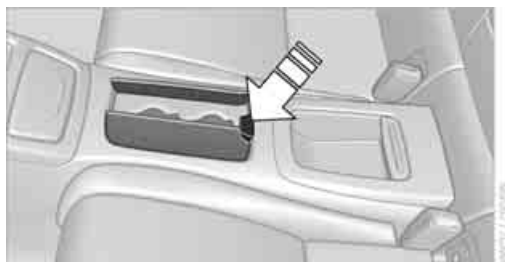
In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Cupholders

Note the following instructions for your BMW M3 that deviate from the description in the Owner's Manual for Vehicle.

Coupe/Convertible: rear

There are two additional cupholders in the rear console.



Press the button to open.



Before folding down the rear seat backrest or using the transport bag, remove all containers from the cupholder and close it. Do not place objects into the cupholder and do not use force to close it. Do not use the cupholder as a grab handle. ◀

Coupe: ski bag

Contrary to the description in the Owner's Manual for Vehicle, your BMW M3 is not equipped with a center armrest; instead, it is equipped with a filler piece for weight optimization reasons.

To load the ski bag, remove the insert and place it on the rear console.

For further steps, refer to Coupe: ski bag in the Owner's Manual for Vehicle.





Driving tips

This section provides you with information useful in dealing with specific driving and operating conditions.

Things to remember when driving

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Break-in period

General information

Note the following instructions for your BMW M3 that deviate from the description in the Owner's Manual for Vehicle.

During the vehicle break-in period, do not use Launch Control, refer to page 29.

Engine and differential

Always obey all official speed limits.

Up to 1,200 miles/2,000 km

Drive at varying engine and road speeds, but do not exceed an engine speed of 5,500 rpm and a road speed of 105 mph/170 km/h.

Do not depress the accelerator all the way.

From 1,200 miles/2,000 km to 3,000 miles/5,000 km

Engine and road speeds can be increased gradually up to a traveling speed of 135 mph/220 km/h. Use the maximum speed only for brief intervals, e.g. when passing.

Transmission

The transmission begins functioning at an optimal level only after a distance of approx.

300 miles/500 km. Do not exceed engine speeds of 5,500 rpm during this period.

General driving notes

Clearance



Mind the limited clearance of the BMW M3, e.g., when driving into underground parking garages or over obstacles. Otherwise, the vehicle may be damaged. ◀

When driving over curbs using the Electronic Damper Control, refer to page 38, select the following program to maintain the ground clearance as even as possible: "Sport".

Vehicle noise

In urban areas and particularly in residential areas, select the drive mode with the Drivelogic drive program 1, refer to Drivelogic on page 27, to reduce vehicle noise as much as possible.

Braking safely

Hills

Drive long or steep stretches in a gear in which the least amount of braking is necessary. Otherwise, the brake system can overheat and the braking effect can be reduced.

Manual transmission:

You can increase the engine's braking effect by shifting down, all the way to first gear if necessary.

M double-clutch transmission:

The braking effect of the engine may be further increased by downshifting in the sequential mode, refer to page 23.



Avoid overloading the brakes. Light but prolonged brake pressure on the brake pedal can lead to high temperatures, brake wear and possibly even brake failure. ◀



Never drive with the transmission in neutral or with the engine switched off; otherwise, there will be no engine braking action and no power assistance to the brakes and steering. ◀

Corrosion on brake rotors

Corrosion on the brake rotors and fouling of the brake pads is promoted by the following:

- ▷ short trips
- ▷ longer parking times
- ▷ undemanding driving

The minimum loads required for self-cleaning the disc brakes will not be attained.

This can also lead to a permanent loss in ride comfort and to squealing noises during braking. A loss in comfort can also be caused by extended braking with little pressure on the pedal.

Should corrosion form on the brake rotors, the brakes will tend to respond with a pulsating effect that even extended application will fail to cure.

For information on brake system technology, refer to Compound brake on page [52](#).

Right-hand/left-hand traffic

When crossing the border into countries in which one drives on the other side of the road than in the country of registration, it is necessary to take steps to avoid blinding oncoming traffic with the headlamps.

Your BMW center stocks adhesive film. Follow the accompanying instructions for applying the film.

When the headlamps have been covered with the adhesive film, rotate the light switch to position **2**, refer to the Owner's Manual for the vehicle to switch on the low beams, even with automatic headlamp control.

BMW M3 engineering

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

High performance V8 engine



The high-speed V8 engine uses its 244 cu in/ 4 liters of displacement to produce a maximum output of 414 hp and a maximum torque of 295 lb ft/400 Nm. Its spontaneous response results in a very wide effective rpm range. The maximum engine speed is 8,400 rpm and is electronically regulated. Because of the powerful engine dynamics, the maximum engine speed is limited to 7,000 rpm when the vehicle is stationary.

Warming up the engine

During the warm-up phase, the high-performance V8 engine runs a little more roughly due to its emissions control system.

For technical reasons, the exhaust system sounds slightly metallic when the engine is cold.

For further information on warming up the engine, refer to Tachometer on page 33 and Engine oil temperature on page 33.

Compound brake



Your BMW M3 is equipped with a high-performance brake system with perforated compound brake discs.

Due to special design features of the perforated compound brake discs, operating noise is audible during braking. However, this does not affect the brake's performance, safe operation or stability under load.

Braking correctly

To keep the brake system in optimal condition, it is advisable to apply the brakes at regular intervals as appropriate for the character of the vehicle.

Refer also to Corrosion on brake rotors on page 51.

Drive train

In your BMW M3, special emphasis was placed on the direct connection between the engine and drive. The torsionally rigid execution of the drive train results in acoustic feedback of the torque, as is typical in sports cars. Clacking sounds can arise during load changes. They do

not impair functionality or shorten the lifespan of any component.

Driving on a race track

BMW recommends the following measures before driving on a race track:

- ▷ Participate in a BMW driver training course
- ▷ Have the vehicle checked by your BMW center

 Operation on race tracks results in a higher rate of wear. The BMW M3 is not designed for use in competitive motor sports. This wear is not covered by the vehicle warranty. ◀

The series brake pads and wear indicator are not designed for operation on a race track. Your BMW center will be glad to advise you.



A close-up, artistic photograph of a car's wheel and suspension system, showing the spokes of the wheel and the surrounding mechanical parts in a blurred, high-contrast style.

Mobility

This section helps you maintain your car's mobility by supplying important information on vital topics including fuels and lubricants, wheels and tires, service, maintenance and Roadside Assistance.

Refueling

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Observe the following when refueling

Note the following instructions for your BMW M3 that deviate from the description in the Owner's Manual for Vehicle.

Fuel tank capacity

Approx. 16.6 US gal/63 liters, including the reserve capacity of 3.3 US gal/12.5 liters.



Refuel as soon as possible once your cruising range falls below 30 miles/50 km; otherwise, engine functions are not ensured and damage can occur. ◀

Fuel specifications

Gasoline

For optimum fuel consumption, the gasoline should be sulfur-free or as low in sulfur as possible.

Never use fuels labeled at the fuel pump as metal-containing.



Do not use leaded gasoline or gasoline with metallic additives such as manganese or iron; doing so can cause permanent damage to the catalytic converter and other components. ◀

Use fuels with a maximum ethanol content of 10%, i.e. E10.

The ethanol should meet the following quality standards:

US: ASTM 4806-xx

CAN: CGSB-3.511-xx

xx: comply with the currently valid standard.



Do not fill the tank with E85, i.e. fuel containing 85 % ethanol, nor with FlexFuel. Otherwise, the engine and fuel supply system will be damaged. ◀

The engine has a knock control function. It is therefore possible to use different fuel grades.

Recommended fuel grade

BMW recommends AKI 93.

Minimum fuel grade

BMW recommends AKI 91.



Do not use gasoline below the indicated minimum fuel grade; otherwise, proper engine function is not ensured. ◀

If you use gasoline with this minimum AKI Rating, the engine may produce knocking sounds when starting at high outside temperatures. This has no effect on the engine life.



The use of poor-quality fuels may result in harmful engine deposits or damage. Additionally, problems relating to drivability, starting and stalling may occur, especially under certain environmental conditions such as high ambient temperature and high altitude.

If drivability problems are encountered, we recommend switching to a high quality gasoline brand and a higher octane grade – AKI number – for a few tank fills. To avoid harmful engine deposits, we highly recommend purchasing gasoline from BP or Top Tier retailers.

Failure to comply with these recommendations may result in the need for unscheduled maintenance. ◀

BMW recommends BP fuels 

Wheels and tires

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Correct wheels and tires

Contrary to the description in the Owner's Manual for Vehicle, your BMW M3 is not equipped with run-flat tires.

Information for your safety

The tires approved for your vehicle by the manufacturer were chosen specifically to meet the requirements of your vehicle and offer optimum driving safety and the desired driving comfort when used properly.

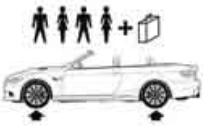
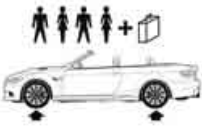
Tire inflation pressures

Coupe

Tire size	Pressure specifications in bar/psi			
	Traveling speeds up to a max. of 100 mph/160 km/h		Traveling speeds including those exceeding 100 mph/160 km/h	
				
235/40 R 18 95 V M+S XL	2.3/33	2.7/39	3.0/44	3.4/49
Front: 245/40 ZR 18 93	2.3/33	-	2.8/41	-
Rear: 265/40 ZR 18 97	-	2.4/35	-	3.0/44
Front: 245/35 ZR 19 93	2.4/35	-	3.0/44	-
Rear: 265/35 ZR 19 98	-	2.5/36	-	3.2/46

More details on the permissible load and weights can be found on page [81](#).

Convertible

Tire size	Pressure specifications in bar/psi			
	Traveling speeds up to a max. of 100 mph/160 km/h		Traveling speeds including those exceeding 100 mph/160 km/h	
All pressure specifications in the table are indicated in bar/psi with cold tires. Cold = ambient temperature				
235/40 R 18 95 V M+S XL	2.5/36	2.9/42	2.8/41	3.4/49
Front: 245/40 ZR 18 93	2.4/35	-	3.0/44	-
Rear: 265/40 ZR 18 97	-	2.4/35	-	3.2/46
Front: 245/35 ZR 19 93	2.4/36	-	3.2/46	-
Rear: 265/35 ZR 19 98	-	2.6/38	-	3.4/49
More details on the permissible load and weights can be found on page 81.				

Engine compartment

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descrip-

tions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Important parts of the engine compartment



- 1 Coolant expansion tank
- 2 Filler neck for washer fluid for the headlamp and window washer system
- 3 Starting aid terminal
- 4 Filler neck for engine oil, refer to Adding engine oil

Engine oil

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

General information

The engine oil consumption is dependent on driving style and operating conditions; for example, the engine oil consumption is significantly higher with a very sporty driving style. For this reason, regularly check the oil level after each time you refuel.

Checking oil level

Your car is equipped with an electronic oil level monitor.

The oil level can be displayed when the engine is warm. Continuous short distance travel or a very sporty driving style may make measurement impossible.

Display in the instrument cluster



- 1 Oil level
- 2 Maximum mark
- 3 Minimum mark
- 4 Computer button

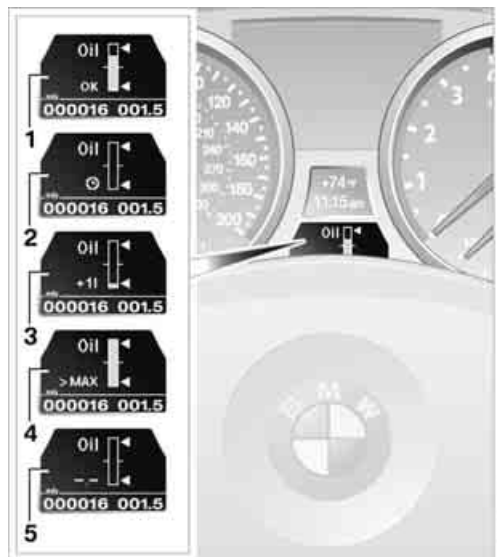
Press button **4** in the turn indicator lever repeatedly until the oil level display appears in the instrument cluster.

 M double-clutch transmission: the oil level appears in the top display. ◀

The oil level must be between the two markings.

A new measurement is taken automatically each time the engine is started.

Possible displays



- 1 Oil level OK.
- 2 Oil level is being checked.
This can take about 1 minute if the car is at a standstill on a level surface, or about 5 minutes while the car is moving.
If engine oil was added, it may take up to 30 minutes to obtain an oil level reading.
- 3 Oil level down to minimum:
Add engine oil at the next opportunity, but no more than 1 US quart/1 liter, refer also to Adding engine oil on page 63. Add at least 0.5 US quarts/0.5 liters, otherwise the oil level monitor will be unable to display the new value reliably.
If the oil level is below the minimum value, add engine oil immediately to avoid engine damage.
- 4 Oil level is too high.
 Have the vehicle checked immediately; otherwise, the excess oil may lead to engine damage. ◀
- 5 A value cannot be read at this time. The engine is not yet warm.

Quick measurement

In addition to the automatic measurement, you can also determine the current oil level manually, e.g. after adding engine oil, but such measurements are less accurate.

1. Park the vehicle on a level surface with the engine at operating temperature, i.e. after an uninterrupted drive of at least 6 miles/10 km.
2. Let the engine idle.
3. Press the computer button in the turn indicator lever repeatedly until the oil level display appears in the instrument cluster.
4. Press the computer button for at least 2 seconds.
The oil level is determined. A clock symbol appears during measurement.
5. After approx. 1 minute, the current oil level is displayed.

Display via iDrive

1. "Vehicle Info"
2. "Vehicle status"



3. "Engine oil level"



Possible messages

- ▷ "Engine oil level OK"
- ▷ "Measurement not possible at this time."
- ▷ "Measuring engine oil level...":
This can take about 1 minute if the car is at a standstill on a level surface, or about 5 minutes while the car is moving.
If engine oil was added, it may take up to 30 minutes to obtain an oil level reading.

- ▷ "Engine oil level below minimum. Add 1 quart!"
Add engine oil at the next opportunity, but no more than 1 US quart/1 liter, refer also to Adding engine oil on page 63. Add at least 0.5 US quarts/0.5 liters; otherwise, the oil level monitor will be unable to display the new value reliably.

If the oil level is below the minimum value, add engine oil immediately to avoid engine damage.

- ▷ "Engine oil level too high! Have this checked."



Have the vehicle checked immediately; otherwise, the excess oil may lead to engine damage. ◀

- ▷ "Measurement inactive. Have this checked."
Do not add engine oil. Before continuing to drive, note the recalculated remaining distance before the next oil service, refer to Service requirements in the Owner's Manual for Vehicle. Have the system checked as soon as possible.

Adding engine oil

Filler neck



Do not add 1 US quart/1 liter of engine oil until the display shows an oil level measurement of "+1qt" or "+1l".



Add oil within the next 125 miles/200 km, otherwise the engine could be damaged. Add no more than 1 US quart/1 liter of oil, otherwise too much engine oil can lead to engine damage. Add at least 0.5 US quarts/0.5 liters, otherwise the oil level monitor will be unable to display the new value reliably. ◀



Keep oils, greases, etc. out of the reach of children and comply with the relevant warnings on the containers. Otherwise, health hazards may result. ◀



Have the vehicle checked immediately if it has been filled with too much motor oil; otherwise, the excess oil may lead to engine damage. ◀

Oil grades to add

Notes



Do not use oil additives; under some circumstances, oil additives may cause engine damage. ◀

The engine oil quality is critical for the life of the engine.

Some oil grades may not be available in all countries.

Specified engine oils

Your BMW center will be glad to answer any questions regarding BMW High Performance Synthetic Oil or approved synthetic oils.

You can also call BMW of North America at 1-800-831-1117 or visit the website www.bmwusa.com to obtain this information.

Viscosity ratings

Viscosity is a measure of an oil's flow rating and is categorized in SAE classes.



Approved oils belong to the 10W-60 SAE class. ◀

Alternative oil types

If BMW High Performance Synthetic Oil is not available, you can add small quantities of other synthetic oils in between oil changes. Only use oils with the following specifications:

- ▷ Viscosity:
Preferred: SAE 10W-60;
alternative: SAE 10W-40, SAE 5W-50 or SAE 10W-50
- ▷ Specification:
API SJ/CF, API SK/CF or higher

Low ambient temperatures

The oils used for your vehicle at the BMW factory are suitable for virtually any ambient temperature.

However, if the vehicle will be operated for extended periods at temperatures below -4°F / -20°C , your BMW center will be glad to recommend suitable oil grades.

Oil change

An oil change should only be performed by a BMW center.

BMW recommends 

Care

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Exterior care

Automatic car washes

Note the following instructions for your BMW M3 that deviate from the description in the Owner's Manual for Vehicle.

M double-clutch transmission

Before driving into an automatic car wash, perform the following steps to ensure that the vehicle can roll:

1. Insert the remote control into the ignition lock, even with Comfort Access.
2. Engage transmission position N.
3. Release the parking brake.
4. Switch off the engine.
5. Leave the remote control in the ignition lock so that the vehicle can roll.

The transmission is switched into position P:

- ▷ Automatically after approx. 30 minutes
- ▷ If you remove the infrared remote control from the ignition lock.

Replacing components

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Front bulb replacement

Accessing the bulbs

1. Switch off the lamps and take the remote control out of the ignition lock.
2. Remove the upper cover from the headlamp. To do so, use a screwdriver to press the catches towards the rear, see arrows, and pull the cover forward and out.



Follow the same steps in reverse order to reattach the cover.



Be careful when installing the cover; otherwise, leaks could occur and cause damage to the headlamp system. ◀

Parking lamps and roadside parking lamps, daytime running lights

H8 bulb, 35 watts

1. Remove the cover, refer to Accessing the bulbs.
2. Turn the bulb approx. 90°, see arrow, and take it out.



3. Disconnect the plug, change the bulb and reconnect the plug.
4. Insert the bulb and turn it until it stops.
5. Reattach the cover.

Corner-illuminating lamps

H3 bulb, 55 watts

1. Switch off the lamps and take the remote control out of the ignition lock.
2. Remove the cover, refer to Accessing the bulbs.
3. Push the wire bracket out of the anchor towards the right and fold it up.



4. Disconnect the plug, change the bulb and reconnect the plug.
5. Insert the bulb.
6. Fold the wire bracket down and engage it.
7. Reattach the cover.

Turn signals, front

PY24W bulb, 24 watts

The turn signal bulb can be changed via a cover in the wheel arch.



1. Turn the respective wheel inwards.
2. Using a coin, turn both locks of the cover all the way to the left, arrows **1**, and remove the cover.
3. Turn the bulb holder to the left, arrow **2**, and take it out.
4. Turn the bulb socket in the bulb holder to the right for removal and replacement.
5. Insert the bulb holder and lock it by turning it to the right.
6. Attach the cover by positioning the bottom edge first and then turning both locks all the way to the right using a coin.

Flat tire, repairing

To repair a flat tire, your BMW M3 includes an M Mobility System. With this system you can apply a sealant to the inside of the tire to seal the damaged section, restore the tire inflation pressure and continue on your trip.



Safety measures in the event of a flat tire: Park the vehicle as far away from moving traffic as possible and on a firm surface. Switch on the hazard warning flashers. Apply the parking brake and engage first gear, reverse gear or transmission position P. Have all occupants leave the vehicle and move beyond the danger zone, e.g. behind the guard rails. If necessary, set up a warning triangle or warning flasher at a suitable distance. Adhere to country-specific regulations. ◀

M Mobility System

Notes

- ▷ Follow the instructions on using the Mobility System found on the compressor and the sealant bottle.
- ▷ Use of the Mobility System may not be effective against tire damage larger than approx. 0.16 in/4 mm.
- ▷ Contact the nearest BMW center if the tire cannot be made drivable with the Mobility System.
- ▷ If possible, leave any foreign bodies that have penetrated the tire in place.
- ▷ Remove the label with the speed restriction from the sealant bottle and apply it to the steering wheel.

Storage



The Mobility System is stored in the cargo area under the floor mat.

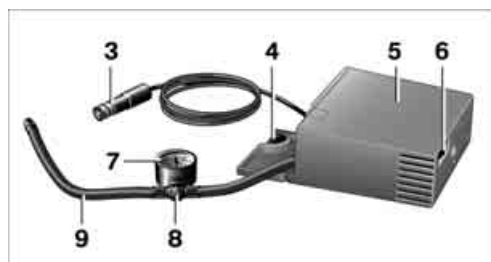
Sealant cylinder and compressor



1 Sealant bottle and label with speed restriction

2 Filling hose

Note the use-by date on the sealant bottle.



3 Plug and cable for the socket in the vehicle interior

4 Holder for the sealant bottle

5 Compressor

6 On/off switch

7 Pressure gauge for displaying the tire inflation pressure

8 Screw on pressure gauge to reduce tire inflation pressure

9 Hose to connect compressor and sealant bottle or compressor and wheel

The connector, cable and connection hose are stored in the compressor housing.

Using the Mobility System

To repair a flat tire with the Mobility System, proceed as follows:

- ▷ Fill with sealant.

- ▷ Distribute the sealant.
- ▷ Correct the tire inflation pressure.

Filling with sealant

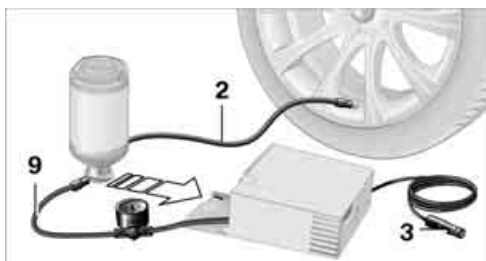


Follow the specified sequence, otherwise the sealant may escape under high pressure. ◀

1. Shake the sealant bottle.



2. Pull the connection hose 9 fully out of the compressor housing and screw it onto the connector of the sealant bottle. Make sure that the hose is not kinked.
3. Ensure that the screw 8 on the pressure gauge is closed.
4. Insert the sealant bottle into the housing of the compressor so that the bottle is upright.



5. Unscrew the dust cap from the valve of the faulty tire and screw the filling hose 2 of the sealant bottle onto the valve.
6. Ensure that the compressor is switched off.
7. Insert the plug 3 into the power socket in the vehicle interior.
8. With the ignition switched on or the engine running, switch on the compressor.

Switch on the compressor and let it run for approx. 3 to 8 minutes to fill the tire with sealant and achieve a tire inflation pressure of approx. 2.5 bar/36 psi.

9. Switch off the compressor.

While the tire is being filled with sealant, the inflation pressure may briefly reach approx. 5 bar/73 psi. Do not switch off the compressor in this phase.



Do not run the engine in enclosed areas; otherwise, the inhalation of toxic exhaust gases can cause loss of consciousness and death. The exhaust gases contain carbon monoxide, an odorless and colorless, but highly toxic gas. ◀



Do not let the compressor run for more than 10 minutes, otherwise the device will overheat and may be damaged. ◀

If an inflation pressure of 2 bar/29 psi cannot be reached:

1. Unscrew the filler hose **2** from the tire valve.
2. Drive 33 ft/10 m forward and in reverse to distribute the sealing compound in the tire.
3. Inflate the tire again with the compressor. If an inflation pressure of 2 bar/29 psi still cannot be reached, the tire is too heavily damaged. Contact your BMW center.

Stowing Mobility System

1. Unscrew the filler hose **2** of the sealant bottle from the tire valve.
2. Unscrew the connecting hose **9** of the compressor from the sealant bottle.
3. Connect the filler hose of the sealant bottle to the unoccupied connection on the sealant bottle.
This prevents the rest of the sealant from escaping from the bottle.
4. Wrap the empty sealant bottle in suitable material to avoid dirtying the cargo area.
5. Stow Mobility System back in the vehicle.

Distributing the sealant

Immediately drive approx. 3 miles/5 km to evenly distribute the sealant in the tire.



Do not exceed a speed of 50 mph/80 km/h. If possible, do not fall below a speed of 12 mph/20 km/h. ◀

Correcting the tire inflation pressure

1. Stop at a suitable location.
2. Connect the connection hose **9** of the compressor directly to the tire valve.
3. Insert the plug **3** into the power socket in the vehicle interior.
4. Adjust the tire inflation pressure to 2 bar/29 psi. With the engine running:
 - ▶ To increase the inflation pressure: with the ignition switched on or the engine running, switch on the compressor. To check the inflation pressure, switch off the compressor.
 - ▶ To reduce the inflation pressure: turn the screw **8** on the compressor.



If the inflation pressure is not maintained, drive the vehicle a second time, refer to Distributing the sealant. Then repeat steps 1 to 4.

If an inflation pressure of 2 bar/29 psi still cannot be reached, the tire is too heavily damaged. Contact your BMW center. ◀

Continuing your trip



Do not exceed the maximum allowable speed of 50 mph/80 km/h to avoid the risk of an accident. ◀



Reinitialize the Flat Tire Monitor, for more information, refer to page 40.

Have the faulty tire and the sealant bottle of the Mobility System replaced as soon as possible. ◀

Giving and receiving assistance

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Tow-starting, towing away

Note the following instructions for your BMW M3 that deviate from the description in the Owner's Manual for Vehicle.

Being towed

 Make sure that the ignition is switched on, refer to page 20; otherwise, the low-beam headlamps, tail lamps, turn signal indicators and windshield wipers may be unavailable.

Power steering assistance is not available when the engine is not running. Thus, braking and steering will require increased effort. ◀

M double-clutch transmission with Drivelogic

 Make sure that the parking lock P is not engaged; otherwise, the rear wheels are immobilized.

When using the car wash function, refer to page 65, note that the parking lock P is engaged automatically after approx.

30 minutes, blocking the rear wheels.

In the event of an electrical malfunction or if the vehicle must be towed for more than approx.

20 minutes, unlock the parking lock manually, refer to page 26. ◀

 When towing, do not exceed a maximum speed of 30 mph or 50 km/h and a maximum distance traveled of 30 miles/50 km; otherwise, damage to the transmission may occur. ◀

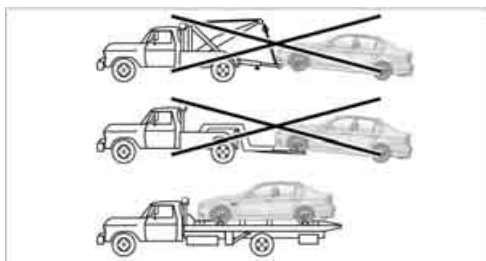
BMW recommends transporting the vehicle on a tow truck with a flat bed.

Towing methods

 Do not lift the vehicle by a tow fitting or body and chassis parts; otherwise, damage may result. ◀

With a tow truck

M double-clutch transmission:



Have the BMW transported on a flatbed surface only.

Tow-starting

M double-clutch transmission with Drivelogic

Vehicles with an M double-clutch transmission cannot be tow-started.

Indicator and warning lamps

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descriptions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

The concept



Indicator and warning lamps appear in the display area. See the table for information on causes and how to react. Note whether a lamp lights up alone or in combination with another. Some lamps can light up in different colors. Corresponding distinctions are made in the text.

In addition to the indicator lamps described in the Owner's Manual for the vehicle, please note the following indicator lamps in your BMW M3:

1	2	Cause	What to do
		Lights up briefly: Approx. 3.3 US gal/12.5 liters of fuel remain in the tank Remains on: Remaining operating range is no more than 30 miles/50 km, refer to page 34	
MDM		M Dynamic Mode MDM activated, also refer to page 38	
MDM		MDM lights up and DSC flashes: M Dynamic Mode MDM is controlling the drive and braking forces, also refer to page 38	

1	2	Cause	What to do
	Flashing: Dynamic Stability Control DSC is regulating the drive and brake forces, also refer to page 38		
 	Dynamic Stability Control DSC and M Dynamic Mode MDM are deactivated, also refer to page 38		Driving stability limited during acceleration and cornering. You can continue your journey, but moderate your speed and exercise due caution.
 	Suspension control system has failed		Driving stability limited during acceleration and cornering. You can continue your journey, but moderate your speed and exercise due caution. Have the system checked as soon as possible.
	Lights up in red: ▶ Starter failed or ▶ Ignition malfunctioning. Engine restart only possible when brake is depressed or ▶ Lighting system failed. Low beams/tail lamps and brake lamps still operational. All other lamps failed Lights up in yellow: ▶ Control of the brake lamps failed or ▶ Fuel supply malfunctioning ▶ Drive malfunctioning		Have the system in question checked without delay. The engine cannot be restarted. Depress the brake to restart the engine.
	Engine was stopped by Auto Start Stop function		Starting the engine with manual transmission: step on the clutch, refer to page 22. Starting the engine with M double-clutch transmission: Release the brake, refer to page 23.

1	2	Cause	What to do
		Auto Start Stop function is deactivated	Auto Start/Stop function deactivated, refer to page 21. The engine is not stopped or started automatically. Stop/start engine: press the Start/Stop button.
		Auto Start Stop function failed	The engine is not stopped or started automatically, refer to page 21. Stop or start the engine using the Start/Stop button. Have the system checked as soon as possible.
		Transmission malfunction	Have the system checked without delay. Make sure to apply the parking brake when parking the vehicle because the transmission position P may be malfunctioning as well.
		Malfunction in selector lever position P	It may be possible to eliminate the malfunction by restarting the engine.
		Only limited gear selection possible.	After the engine is switched off, the transmission is automatically shifted into selector lever position P. It may not be possible to continue your journey.
		Transmission limp-home program active with restricted range of gears, possibly with reduced acceleration	You can continue your journey, but moderate your speed and exercise due caution. Have the system checked without delay.
		Gears can be engaged without depressing the brake	Always depress the brake to engage a gear.
		Selector lever position P malfunctioning: Selector lever locked in position P with engine running or ignition switched on and brake depressed	Release parking lock, refer to page 26. Have the system checked as soon as possible.

1	2	Cause	What to do
	Lights up in red: Transmission overheating		Stop the car and switch off the engine. Allow the transmission to cool down. You can continue your journey, but moderate your speed and exercise due caution. Have the system checked if the situation reoccurs.
	Lights up in yellow: Transmission too hot		Avoid high engine loads. You can continue your journey, but moderate your speed and exercise due caution.
	Selector lever malfunctioning		You can continue your journey. Shift again if necessary. Have the system checked if the situation reoccurs.
	Brake signal malfunctioning: gear can be engaged without depressing the brake		To engage a gear while the vehicle is at a standstill, always step on the brake. Switch off the engine before leaving the vehicle. Have the system checked as soon as possible.



Reference

This chapter contains technical data and an index that will help you find information most quickly.

Technical data

Vehicle equipment

In this chapter, all production, country, and optional equipment that is offered in the model range is described. For this reason, descrip-

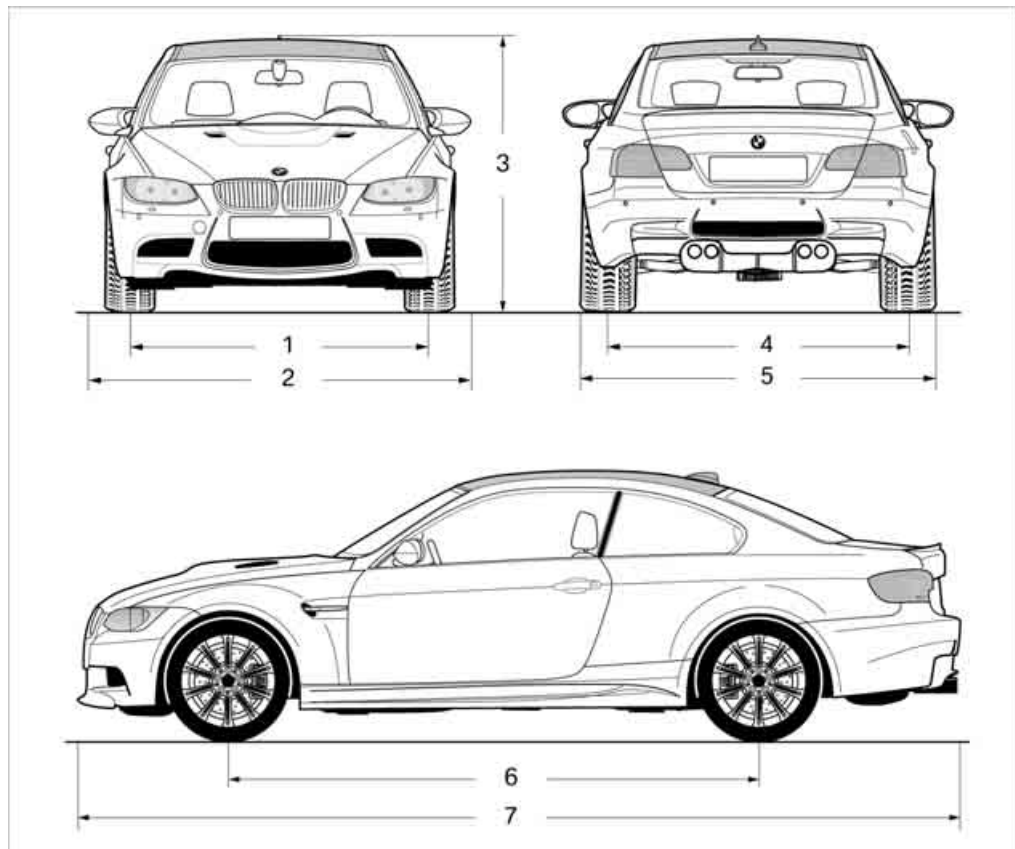
tions will be given of some equipment that may not be available in a vehicle, for example due to the special options or national-market version selected. This also applies to safety related functions and systems.

Engine data

		M3
Displacement	cu in/cm ³	244/3,999
Number of cylinders		8
Maximum power output	hp	414
at engine speed	rpm	8,300
Maximum torque	lb ft/Nm	295/400
at engine speed	rpm	3,900

Dimensions

Coupe



1 Track width, front: 60.6 in/1,540 mm

2 Vehicle width, with exterior mirrors:
77.8 in/1,976 mm

3 Vehicle height: 55.8 in/1,418 mm

4 Track width, rear: 60.6 in/1,539 mm

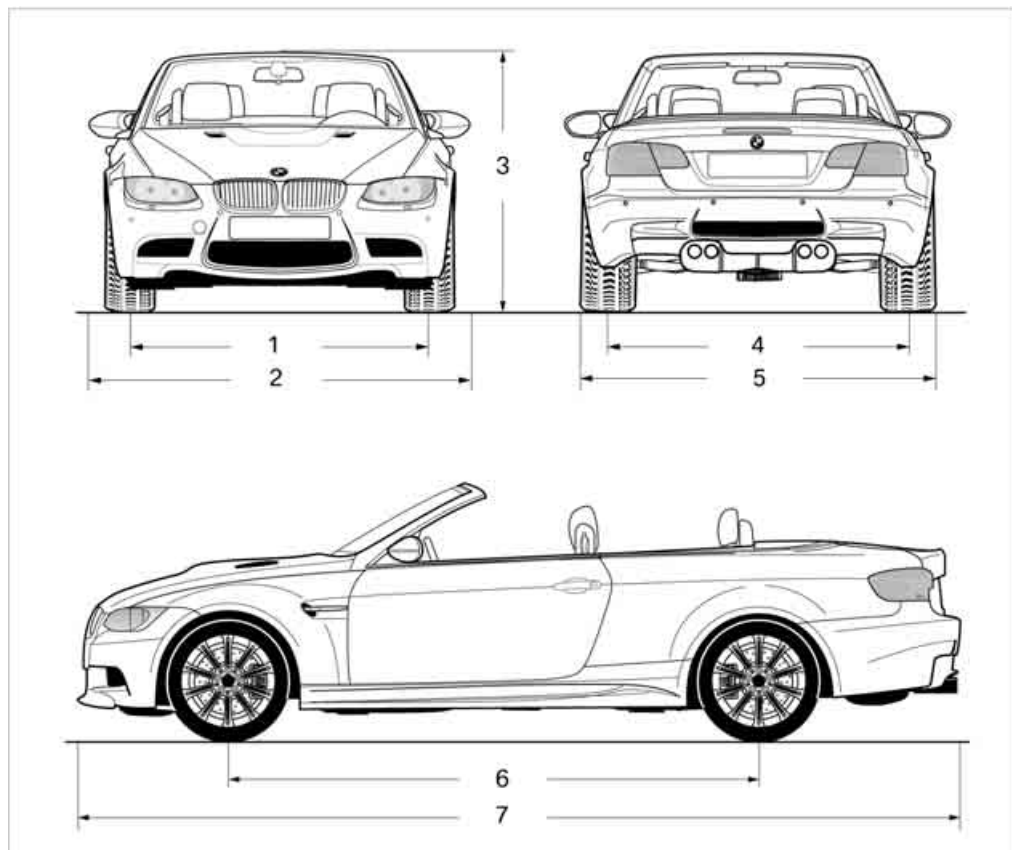
5 Vehicle width, without exterior mirrors:
71 in/1,804 mm

6 Wheelbase: 108.7 in/2,761 mm

7 Vehicle length: 181.8 in/4,618 mm

Smallest turning circle dia.: 38.4 ft/11.7 m

Convertible



- | | |
|---|--|
| 1 Track width, front: 60.6 in/1,540 mm | 5 Vehicle width, without exterior mirrors: 71 in/1,804 mm |
| 2 Vehicle width, with exterior mirrors: 77.8 in/1,976 mm | 6 Wheelbase: 108.7 in/2,761 mm |
| 3 Vehicle height: 54.8 in/1,392 mm | 7 Vehicle length: 181.8 in/4,618 mm |
| 4 Track width, rear: 60.6 in/1,539 mm | |

Smallest turning circle dia.: 38.4 ft/11.7 m

Weights

Coupe

M3		
Approved gross weight	lbs/kg	4,586/2,080
Load	lbs/kg	882/400
Approved front axle load	lbs/kg	2,249/1,020
Approved rear axle load	lbs/kg	2,469/1,120
Approved roof load capacity	lbs/kg	165/75
Cargo area capacity	cu ft/liters	15.2/430

Convertible

M3		
Approved gross weight	lbs/kg	5,027/2,280
Load	lbs/kg	882/400
Approved front axle load	lbs/kg	2,337/1,060
Approved rear axle load	lbs/kg	2,800/1,270
Cargo area capacity	cu ft/liters	7.4-12.4/210-350

Capacities

			Notes
Fuel tank	US gal/liters	approx. 16.6/63	Fuel grade: page 56
including reserve of	US gal/liters	approx. 3.3/12.5	
Window washer system			
including headlamp washers	US quarts/liters	approx. 4.8/4.5	

Everything from A to Z

Index

A

ABS Antilock Brake System [37](#)
Acceleration assistant, refer to Launch Control [29](#)
Adaptive Light Control [45](#)
Adding engine oil [63](#)
Adhesive film, refer to Right-hand/left-hand traffic [51](#)
Antilock Brake System
 ABS [37](#)
Approved axle loads, refer to Weights [81](#)
Approved gross vehicle weight, refer to Weights [81](#)
Assist systems, refer to
 Driving stability control [37](#)
Automatic, cruise control [30](#)
Automatic car washes [65](#)
Axle loads, refer to Weights [81](#)

B

Being towed [70](#)
Beverage holders, refer to
 Cupholders [46](#)
Bluetooth, refer to separate
 Owner's Manual
Bottle holders, refer to
 Cupholders [46](#)
Brake pedal, refer to Braking
 safely [50](#)
Brake rotors [51](#)
Brakes, refer to Braking
 safely [50](#)
Brake system, disc brakes [51](#)
Breaking in the differential,
 refer to Engine and
 differential [50](#)

Break-in period [50](#)
Button for starting the engine,
 refer to Start/Stop button [20](#)
Buttons on the steering
 wheel [9](#)

C

Can holders, refer to
 Cupholders [46](#)
Car care, refer to Care [65](#)
Care [65](#)
 – automatic car washes [65](#)
Center console, refer to
 Around the center
 console [12](#)
Changing gears [26](#)
Chassis number, refer to
 Engine compartment [60](#)
Cleaning your BMW, refer to
 Care [65](#)
Cockpit [8](#)
Cold start, refer to Starting the
 engine [20](#)
Combination instrument, refer
 to Instrument cluster [10](#)
Comfort area, refer to Around
 the center console [12](#)
Computer [34](#)
Controls and displays [8](#)
Copyright [2](#)
Cornering light, refer to
 Adaptive Light Control [45](#)
Cruise control [30](#)
Cupholders [46](#)
Curb weight, refer to
 Weights [81](#)

D

Dashboard, refer to Cockpit [8](#)
Dashboard, refer to
 instrument cluster [10](#)
Data, technical
 – dimensions [79](#)
 – weights [81](#)
Dimensions [79](#)
Displays, refer to Instrument
 cluster [10](#)
Displays and controls [8](#)
Drinks holders, refer to
 Cupholders [46](#)
Drivelogic [27](#)
Drive mode [25](#)
Drive-off assistance, refer to
 Dynamic Stability Control
 DSC [37](#)
Drive-off assistant [39](#)
Drive position, engaging, refer
 to Selector lever
 positions [24](#)
Drive programs, refer to
 Drivelogic [27](#)
Driving notes [50](#)
Driving off on hills, refer to
 Drive-off assistant [39](#)
Driving stability control
 systems [37](#)
Driving tips, refer to Driving
 notes [50](#)
DSC Dynamic Stability
 Control [37](#)
Dynamic Stability Control
 DSC [37](#)
 – indicator/warning lamp [38](#)
 – M Dynamic Mode MDM [37](#)

E

EDC, refer to Electronic Damper Control [38](#)
Electrical malfunction, M double-clutch transmission with Drivelogic [26](#)
Electronic Damper Control EDC [38](#)
Electronic oil level check [61](#)
Electronic Stability Program ESP, refer to Dynamic Stability Control DSC [37](#)
Engaging drive position, refer to Selector lever positions [24](#)
Engine
– breaking in [50](#)
– starting [20](#)
– switching off [21](#)
Engine compartment [60](#)
Engine oil
– checking level [61](#)
– possible displays [62](#)
Engine starting, refer to Starting the engine [20](#)
ESP Electronic Stability Program, refer to Dynamic Stability Control DSC [37](#)
Exterior care [65](#)

F

Flat tire, repairing [67](#)
Flat Tire Monitor FTM [39](#)
– indicating a flat tire [40](#)
– indicator/warning lamp [40](#)
– initialization [40](#)
– snow chains [39](#)
– system limits [39](#)
FTM, refer to Flat Tire Monitor [39](#)
Fuel clock, refer to Fuel gauge [33](#)
Fuel display, refer to Fuel gauge [33](#)

Fuel filler flap [56](#)
Fuel gauge [33](#)

G

Gasoline display, refer to Fuel gauge [33](#)
Gasoline engine, checking engine oil level [61](#)
Gear indicator, refer to Displays in the instrument cluster [26](#)
Gearshift lever [24](#)
General driving notes [50](#)
Gross vehicle weight, refer to Weights [81](#)

H

Hands-free system [12](#)
Hazard warning flashers [12](#)
Headlamp flasher, indicator lamp [9](#)
Head Light, refer to Adaptive Light Control [45](#)
Height, refer to Dimensions [79](#)
Hills [50](#)
Holders for cups [46](#)
Horn [8, 9](#)

I

Imprint [2](#)
Indicator and warning lamps [11](#)
– M Drive [18](#)
– M Dynamic Mode [38](#)
Indicator and warning lamps, overview [71](#)
Initializing, Flat Tire Monitor FTM [40](#)
Instrument cluster [10](#)
Instrument cluster, refer to Cockpit [8](#)

K

Key Memory, refer to Personal Profile [16](#)
Kickdown, refer to Drive mode [25](#)

L

Launch Control [29](#)
Left-hand traffic [51](#)
Length, refer to Dimensions [79](#)
Lighting, vehicle, refer to Lamps [45](#)
Luggage compartment, volume [81](#)

M

Malfunction, tires [40](#)
Manually unlocking parking lock [26](#)
Manual operation, parking lock [26](#)
MDM, refer to M Dynamic Mode [37](#)
M double-clutch transmission with Drivelogic [23](#)
– Drivelogic [27](#)
– drive mode [25](#)
– kickdown [25](#)
– Launch Control [29](#)
– neutral [25](#)
– reverse gear [24](#)
– sequential mode [25](#)
– Shift Lights [28](#)
– shiftlock [24](#)
– tow-starting [70](#)
– unlocking parking lock manually [26](#)
M Drive [17](#)
M Dynamic Mode MDM [37](#)
– indicator lamp [38](#)
Measurements, refer to Dimensions [79](#)

M Engine Dynamics

Control [29](#)

Microphone

– telephone [12](#)

– voice commands [12](#)

Mobility System [67](#)

– compressor [68](#)

– continuing the trip [69](#)

– correcting inflation pressure [69](#)

– dispensing sealing compound [68](#)

– distributing sealant [69](#)

– sealing compound [68](#)

– storage [67](#)

Monitoring system for tire

pressures, refer to Flat Tire

Monitor [39](#)

Multifunctional steering

wheel, refer to Buttons on the steering wheel [9](#)

N

Neutral [25](#)

O

Oil, refer to Engine oil [61](#)

Oil consumption [61](#)

Oil level [61](#)

P**Parking**

– vehicle [21](#)

Personal Profile [16](#)

Pressure monitoring, tires [39](#)

– Flat Tire Monitor [39](#)

Programmable buttons on the steering wheel [9](#)

Puncture

– Flat Tire Monitor [39](#)

R

Refueling [56](#)

Reserve warning, refer to Fuel gauge [33](#)

Reverse gear [24](#)

Right-hand/left-hand traffic, adhesive film [51](#)

Roof load capacity [81](#)

S**Safety systems**

– Antilock Brake System

ABS [37](#)

– driving stability control [37](#)

– Dynamic Stability Control

DSC [37](#)

Selector lever positions [24](#)

Sequential mode [25](#)

Settings

– configuring, refer to

M Drive [17](#)

– configuring, refer to

Personal Profile [16](#)

Settings and information [35](#)

Shifting [26](#)

Shift Lights [28](#)

Shiftlock [24](#)

Shift paddles on the steering wheel [26](#)

Shift-up display, refer to Shift Lights [28](#)

Shock absorber control, refer to Electronic Damper

Control EDC [38](#)

Signal horn, refer to Horn [8, 9](#)

Ski bag [46](#)

SOS, refer to Sending an

Emergency Request [70](#)

Speedometer [10](#)

Stability control, refer to

Driving stability control systems [37](#)

Start/Stop button [20](#)

– starting the engine [20](#)

– switching off the engine [21](#)

Starting, refer to Starting the engine [20](#)

Starting engine, Start/Stop button [20](#)

Status of this Owner's Manual at time of printing [5](#)

Steering wheel

– buttons on steering wheel [9](#)

– M Drive button [17](#)

– shift paddles [26](#)

Steering wheel buttons, refer to Shift paddles [26](#)

Summer tires, refer to Wheels and tires [58](#)

Switches, refer to Cockpit [8](#)

Switching off the engine [21](#)

Symbols [4](#)

T

Tachometer [33](#)

Technical data [78](#)

– dimensions [79](#)

Tempomat, refer to Cruise control [30](#)

Tire inflation pressure

– loss [40](#)

Tire pressure monitoring, refer to Flat Tire Monitor [39](#)

Tire puncture, refer to Flat Tire Monitor [40](#)

Tires

– pressure monitoring, refer to Flat Tire Monitor [39](#)

– puncture [40](#)

Towing [70](#)

– with the M double-clutch transmission [70](#)

Tow-starting [70](#)

Traction control, refer to Dynamic Stability Control DSC [37](#)

Transmission

- Drivelogic [27](#)
- drive mode [25](#)
- idle position [25](#)
- kickdown, refer to Drive mode [25](#)
- Launch Control [29](#)
- manually unlocking parking lock [26](#)
- reverse gear [24](#)
- sequential mode [25](#)
- Shift Lights [28](#)

Turning circle, refer to Dimensions [79](#)

Turn signal indicators, indicator/warning lamp [10](#)

Wheelbase, refer to Dimensions [79](#)

Wheels and tires [58](#)

Width, refer to Dimensions [79](#)

X

Xenon headlamps, right-hand/left-hand traffic [51](#)

Y

Your individual vehicle

- settings, refer to M Drive [17](#)
- settings, refer to Personal Profile [16](#)

U

Universal mobile phone preparation package, refer to separate Owner's Manual

Using the Mobility System [68](#)

V

Vehicle

- breaking in [50](#)
- identification number, refer to Engine compartment [60](#)
- measurements, refer to Dimensions [79](#)
- parking [21](#)
- weight [81](#)

Vehicle equipment [5](#)

Volume

- cargo area, refer to Weights [81](#)

W

Warning and indicator lamps [11](#)

Warning and indicator lamps, overview [71](#)

Weights [81](#)

More about BMW



The Ultimate
Driving Machine

bmwusa.com

01 40 2 916 602 ue

