

# G30 Driver Assistance Systems

## 8. Lane Departure Warning

Index	Explanation
1	"Configure INDIVIDUAL" menu
2	"Steering intervention" (switching the steering intervention for Lane Departure Warning on and off)

Steering interventions are not initiated when the trailer socket is in use, such as when a trailer is being towed or a bicycle carrier is mounted.

### 8.2. Deactivation criteria

The Lane Departure Warning is available at a speed range from 43 – 130 mph (70 km/h – 210 km/h).

A warning is not issued in the following situations:

- Use of the turn indicator
- In construction zones
- Lane is narrower than 8½ ft (2.60 m)

The warning is cancelled in the following situations:

- Automatically after approximately 3 seconds
- As soon as the driver moves back into his own lane
- The turn indicator is used
- When sharp braking or steering maneuvers are made and when the Dynamic Stability Control (DSC) intervenes

### 8.3. Limits of the system

The function of the system may not be available or may only be available to a limited extent in the following situations:

- Heavy fog, rain or snow.
- At sharp bends or on narrow roadways.
- If boundary lines are covered by snow, ice, dirt or water.
- If boundary lines are covered by objects.
- If boundary lines are missing, worn, poorly visible, converging or diverging, or not clearly recognizable, such as when driving through construction zones.



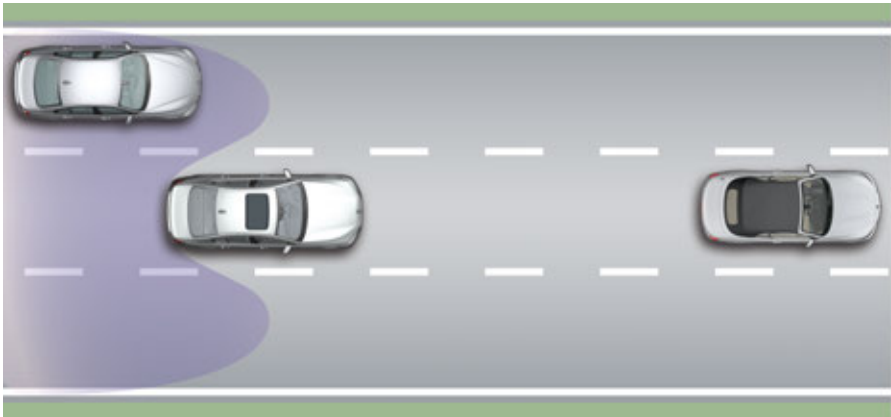
The system does not replace the personal assessment of the road and the traffic situation. The Lane Departure Warning is only intended to assist the driver. When active Lane Departure Warnings are issued, the steering wheel should not be moved through any unnecessarily heavy-handed actions.

# G30 Driver Assistance Systems

## 9. Blind Spot Detection

The Blind Spot Detection system can detect traffic situations that could pose a risk if the driver changes lane. These traffic situations include vehicles approaching quickly from behind or vehicles in the driver's blind spot. The system operates within a speed range between 12 – 130 mph (20 – 210 km/h).

The Blind Spot Detection function may also be known as “Lane change warning” in technical systems.



G30 Vehicle detection using radar sensors (Blind Spot Detection)

The control units (radar sensors) for the Blind Spot Detection (SWW) are located under the rear bumper.



G30 Blind Spot Detection (SWW) (radar sensors)

The control unit for the Blind Spot Detection (primary) (SWW) is installed on the right and the control unit for the Blind Spot Detection (secondary) (SWW2) is installed on the left.

When a vehicle is detected and the system is activated, the driver is informed of the situation by an unobtrusive indicator in the exterior mirror. By having this information before making a lane change maneuver, the driver can confidently prepare for the lane change and avoid critical situations from the outset.

# G30 Driver Assistance Systems

## 9. Blind Spot Detection

The Blind Spot Detection indicators are located in the exterior mirror glass.



G30 Signal unit (LED) in mirror glass

The driver must steer the vehicle back into his own lane to avoid a potential collision.

The Blind Spot Detection can be configured individually in the Intelligent Safety system submenu.



G30 Intelligent Safety view on the CID (Blind Spot Detection)

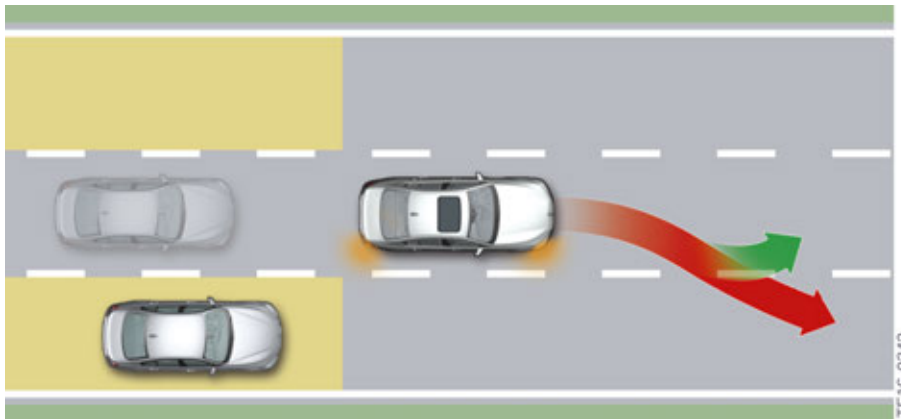
# G30 Driver Assistance Systems

## 9. Blind Spot Detection

Index	Explanation
1	"Configure INDIVIDUAL " menu
2	"Blind Spot Detection" (selected setting: Medium)
3	"Blind Spot Detection" (settings options: Early, Medium, Late, Off)

### 9.1. Active steering intervention

Depending on the setting in the "Intelligent Safety" menu, a brief active steering intervention is initiated by the system that assists in moving the vehicle back into the original lane for vehicles with the Side Collision Avoidance function, which is included in the Active Driving Assistant Plus optional equipment (OE 5AT).



G30 Blind Spot Detection (active steering intervention)

The corresponding Blind Spot Detection indicator flashes in the exterior mirror at the same time.

The steering intervention is initiated within a speed range of between 43 and 130 mph (70 km/h and 210 km/h).

The active steering intervention can be felt on the steering wheel, but can be overridden by the driver at any time. If the driver does override the intervention, the active steering intervention is cancelled.

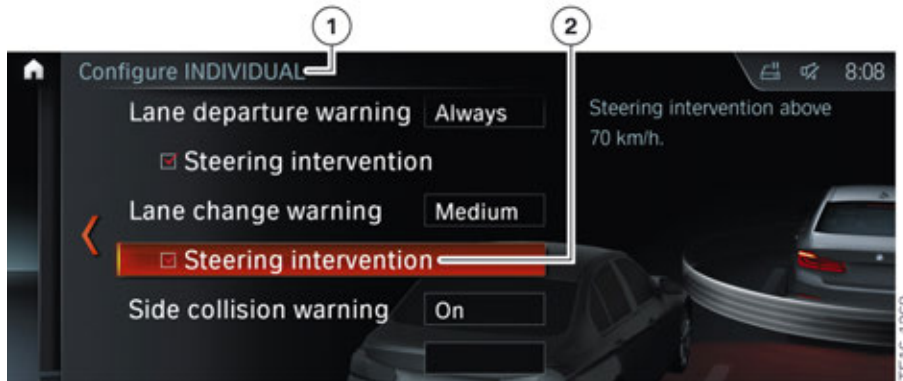
The "steering intervention" for the Blind Spot Detection can be switched on and off via the iDrive menu in vehicles with the Side Collision Avoidance by making the following selection via the controller:

- "My Vehicle"
- "Vehicle settings"
- "Intelligent Safety"
- "Steering intervention"

# G30 Driver Assistance Systems

## 9. Blind Spot Detection

The configuration menu can be accessed quickly by pressing the Intelligent Safety button.



G30 Intelligent Safety view on the CID (Blind Spot Detection with active steering intervention)

Index	Explanation
1	"Configure INDIVIDUAL" menu
2	"Steering intervention" (switching the steering intervention for Blind Spot Detection on and off)

### 9.2. Limits of the system

The function of the system may not be available or may only be available to a limited extent in the following situations:

- Heavy fog, rain or snow.
- At sharp bends or on narrow roadways.
- If the bumper is dirty, iced up or stickers are placed over it.
- If the speed of the approaching vehicle is much higher than the driver's speed.

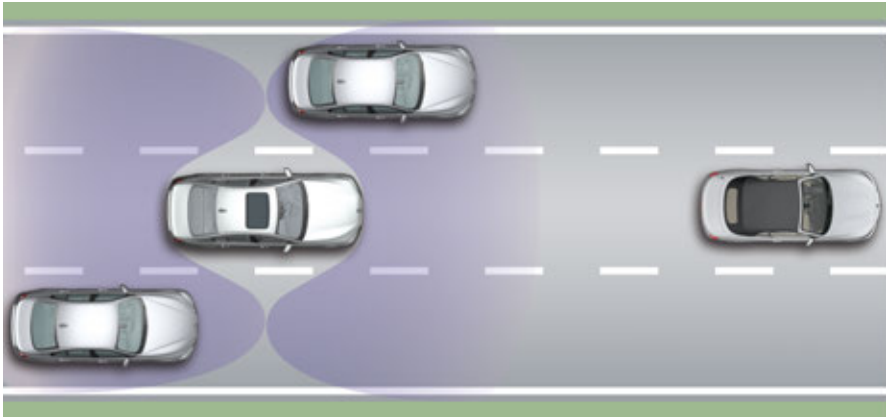
# G30 Driver Assistance Systems

## 10. Side Collision Avoidance

The Side Collision Avoidance is part of the Active Lane Keeping Assistant with Side Collision Avoidance. The Active Lane Keeping Assistant with Side Collision Avoidance is part of the scope of supply of the Active Driving Assistant Plus, optional equipment (OE 5AT). The Side Collision Avoidance is not available separately.

The Side Collision Avoidance assists the driver in avoiding a potential side collision.

Four radar sensors monitor the area next to the vehicle and function regardless of the lighting conditions and largely irrespective of the weather conditions.



G30 Vehicle detection using radar sensors (Side Collision Avoidance)

If there is a risk of a collision, the corresponding indicator flashes (depending on which side the risk relates to, left or right) in the exterior mirror with high intensity and the steering wheel starts to vibrate.

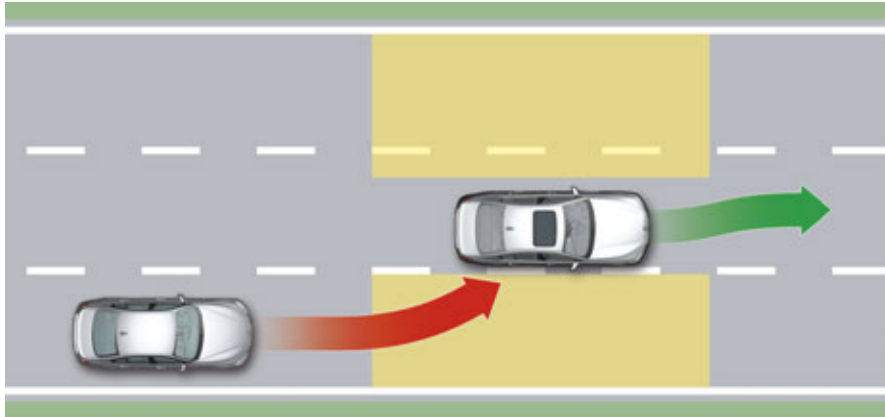


G30 Signal unit (LED) in mirror glass

# G30 Driver Assistance Systems

## 10. Side Collision Avoidance

An active steering intervention is then initiated, which assists the driver in moving his vehicle back to a safe area within his own lane.



G30 Side Collision Avoidance with active steering intervention in the event of a potential side collision

The steering intervention is initiated within a speed range of between 43 and 130 mph (70 km/h and 210 km/h).

The active steering intervention can be felt on the steering wheel, but can be manually overridden by the driver at any time.

### Radar sensors

The rear radar sensors are Blind Spot Detection (SWW) sensors.



G30 Blind Spot Detection (SWW) (radar sensors)

# G30 Driver Assistance Systems

## 10. Side Collision Avoidance

Two additional radar sensors are used for the front Side Collision Avoidance.



G30 Side Collision Avoidance (radar sensors)

### Functional prerequisites

A prerequisite for the activation of the Side Collision Avoidance with steering intervention is that the lane markings must be detected by the KAFAS stereo camera.

If the lane markings are not detected or if the driver is driving within the speed range of 18 to 43 mph (30 to 70 km/h), only the reduced Side Collision Avoidance is active. The warning functions in the form of the flashing indicator in the exterior mirror and the vibration of the steering wheel continue to be implemented.

With the reduced Side Collision Avoidance there is no active lateral guidance of the vehicle. In this case the driver is only warned by a single steering wheel pulse on the opposite side of the wheel to the danger.

The Side Collision Avoidance can be switched on and off via the iDrive menu by making the following selection via the controller:

- "My Vehicle"
- "Vehicle settings"
- "Intelligent Safety"
- "Side Collision Avoidance"

The configuration menu can be accessed quickly by pressing the Intelligent Safety button.



# G30 Driver Assistance Systems

## 10. Side Collision Avoidance



G30 Intelligent Safety view on the CID (Side Collision Avoidance)

Index	Explanation
1	"Configure INDIVIDUAL" menu
2	"Side Collision Avoidance"
3	"Side Collision Avoidance" (switching the side collision warning with steering intervention on and off)

It is not possible to switch off the steering intervention for the Side Collision Avoidance separately.

The Side Collision Avoidance automatically activates itself again after the vehicle moves off if the function was switched on at the time of the last engine shutdown.

### 10.1. Limits of the system

The function of the system may not be available or may only be available to a limited extent in the following situations.

- Heavy fog, rain or snow.
- At sharp bends or on narrow roadways.
- If the bumper is dirty, iced up or stickers are placed over it.
- If driving at close proximity to a vehicle driving ahead.
- If the speed of the approaching vehicle is much higher than the driver's speed.

# G30 Driver Assistance Systems

## 11. Intersection Warning

Intersections are some of the most likely points for accidents in urban traffic. Statistics tell us that approximately one accident in three, with injury to persons, occurs at an intersection. Accidents here can largely be attributed to distraction or poor estimation by the drivers.

The Intersection Warning is installed for the first time in the G30 and can make a major contribution to safety.

The driver is warned both visually and audibly in the event of a risk of a collision with crossing traffic. This can significantly reduce the likelihood of an accident or even the severity of an accident at intersections.

Intersection Warning is an integral part of the Active Driving Assistant Plus, optional equipment (OE 5AT).

### 11.1. Functional principle

Intersection Warning is able to detect an impending collision with crossing traffic in good time and so such collisions can possibly be prevented by this.

The KAFAS stereo camera and the front radar sensor (ACC radar sensor) monitor the traffic conditions. The information obtained from these sources forms the basis for the system. The sensors detect the distance from other traffic and its speed and direction of movement. The speed of the car is also determined.



G30 Intersection Warning

# G30 Driver Assistance Systems

## 11. Intersection Warning

### 11.1.1. Warning

A warning is issued if a risk of a collision (approximately 1 second before the collision) with crossing traffic is detected and its avoidance by the driver or the crossing traffic is only now possible through an uncomfortable maneuver.

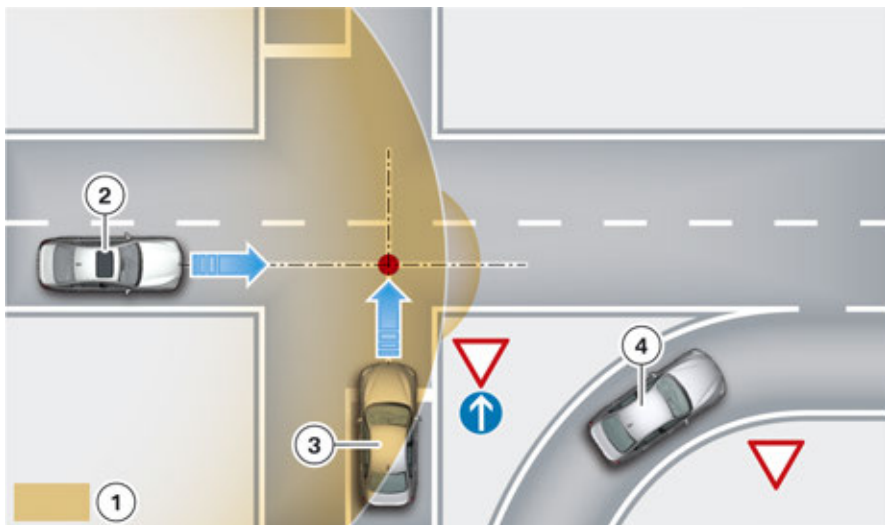


The warning is, however, only issued if the crossing traffic is travelling more slowly than the vehicle.

So if the crossing vehicle is travelling faster than the car, **no** warning would be issued, as the crossing vehicle would be outside the detection range of the sensor system until shortly before the collision.

#### Warning range

The graphic below shows the danger area which is decisive for the Intersection Warning:



G30 Intersection Warning: Danger area

Index	Explanation
1	Danger area
2	Own vehicle
3	Vehicle located in the danger area
4	Vehicle outside the danger area

If the detection system identifies a hazardous situation, it prompts the driver into emergency braking by a visual and an audible warning.



At the same time, the brake system is prefilled. However, there is no automatically triggered brake intervention by the system. It is rather that the driver is prompted to act quickly and to apply the brakes himself. There may be automatic brake-servo assistance during the emergency braking, as necessary. The brake pressure is regulated as needed for effective panic braking.

# G30 Driver Assistance Systems

## 11. Intersection Warning

### Displays

The visual warning is given by the following warning symbols:

Symbol	Explanation
 TE16-1128	Intersection Warning symbol (warning of vehicle approaching from the left)
 TE16-1129	Intersection Warning symbol (warning of vehicle approaching from the right)

The visual warning appears in the KOMBI instrument cluster or Head-Up Display if the vehicle is fitted with the Head-Up Display (OE 610).



G30 Intersection Warning: Warning symbol

The Intersection Warning is active in the speed range from approximately 9 mph (15 km/h) to approximately 40 mph (65 km/h).

The Intersection Warning is also switched off by selecting ALL OFF. There is no separate deactivation or configuration option in the iDrive menu for the Intersection Warning.



The Intersection Warning system does not relieve the driver of personal responsibility for correctly judging the visibility and traffic situation. The driver's driving style should be adapted to the traffic conditions. The driver should check the traffic conditions, and react accordingly if required.

# G30 Driver Assistance Systems

## 11. Intersection Warning

### 11.2. Limits of the system

The function of the Intersection Warning may be restricted because of system limits or unfavorable conditions in the following situations, for example:

- If there are other objects in the field of view of the sensors that are concealing the cross traffic.
- Heavy fog, rain or snow.
- If the front bumper is dirty or iced up.
- If stickers have been attached near the radar sensors on the bumper.
- If the speed of the approaching vehicle is very high.
- If crossing objects are moving very slowly.
- If it is almost impossible to detect the crossing traffic because of the way the road runs or topographical conditions, for example in tight bends, building complexes in the way etc.



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The system does not replace the personal assessment of the road and the traffic situation. The Intersection Warning is only intended to assist the driver. There can be functional limitations because of system restrictions or unfavorable topographical conditions.

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# G30 Driver Assistance Systems

## 12. Road Sign Recognition

The Speed Limit Information function is known from the G12. Current top speed limitations are detected by the Road Sign Recognition system and displayed in the instrument cluster or the Head-Up Display in the form of speed limit symbols.



Top speed limitation symbol shown in the instrument cluster

Index	Explanation
1	Road Sign Recognition (example: a detected top speed limitation is displayed)

Road Sign Recognition (Speed Limit Information) is part of the Active Driving Assistant, optional equipment (OE 5AS), in the G30.



The system does not relieve the driver of personal responsibility for correctly judging the visibility and traffic situation. The driver is solely responsible for the vehicle and the speed at which it is driven.

### 12.1. Operation

The road sign detection can be switched on and off via the iDrive menu by making the following selection via the controller:

- "My Vehicle"
- "iDrive settings"
- "Displays"
- "Instrument panel"
- Apply desired settings

# G30 Driver Assistance Systems

## 12. Road Sign Recognition

### 12.2. Limits of the system

Road signs for top speed limitations that do not comply with the legal standard, particularly those without circular frames, are not always detected. The same also applies for road signs which are fully or partially covered by labels, dirt or vegetation. Long distances to the road sign, high driving speeds and poor weather conditions, particularly at night, make it more difficult for the system to recognize road signs reliably. To ensure the current top speed limitations are displayed as accurately as possible, the data of the navigation road map should be up-to-date.

The functionality of the Road Sign Recognition may be impaired in the following situations and this may lead to incorrect information being displayed:

- Heavy fog, rain or snow.
- If signs are covered by objects.
- If driving at close proximity to a vehicle driving ahead.
- Strong light in the camera lens.
- If the windscreen in front of the interior mirror is misted over, soiled or covered by stickers, etc.
- As a result of incorrect detection by the camera.
- If the top speed limitations stored in the navigation system are incorrect.
- In areas not covered by the navigation system.
- In the event of deviations from the navigation, e.g. due to modified road layouts.
- When overtaking buses or trucks with speed limit stickers.
- If road signs do not correspond to the standard.
- When calibrating the camera immediately after vehicle delivery.



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The system does not replace the personal assessment of the traffic situation. Due to system restrictions and functional limitations, it may transpire that warnings and alerts are not issued, are issued too late or are unwarranted. The Road Sign Recognition supports the driver and does not replace the human eye.

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# G30 Driver Assistance Systems

## 13. Proactive Driving Assistant

The Proactive Driving Assistant indicates to the driver the ideal time to lift off the accelerator pedal for a reduction in consumption.

Relevant sections of road are:

- Intersections
- Bends
- Crossroads
- Roundabouts
- Entrances to towns
- Top speed limitations
- Highway exits

Operation of the Proactive Driving Assistant in the G30 requires the Active Driving Assistant Plus, optional equipment (OE 5AT).



G30 Proactive Driving Assistant displays in the instrument cluster

An indicator in the instrument cluster or Head-Up Display (only with optional equipment OE 610) alerts the driver that he is on a section of road relevant for the Proactive Driving Assistant and gives him the option to react accordingly.



# G30 Driver Assistance Systems

## 13. Proactive Driving Assistant

### 13.1. Operation

To use the proactive driving assistant, ECO PRO mode or ECO PRO+ mode must be activated via the driving experience switch.



G30 Switch block with driving experience switch

The proactive driving assistant can be switched on and off in the ECO PRO configuration menu.



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The reliability of the system depends on having the most current and accurate navigation data.

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### 13.2. Limits of the system

The proactive driving assistant **is not** available in the following situations:

- Speeds below 31 mph (50 km/h)
- Temporary and variable top speed limitation, such as on building sites
- Quality of navigation data insufficient
- Cruise control active

Additional information may be found in the “G12 Driver Assistance Systems” reference manual (section 12).

# G30 Driver Assistance Systems

## 14. Fatigue and Focus Alert

The Fatigue and Focus Alert helps to avoid accidents caused by tiredness on long, monotonous journeys. It is part of the Active Protection equipment (OE 5AL) included in the basic equipment.

A change in the driver's driving behavior is perceived by the Fatigue and Focus Alert. In the event of increasing inattentiveness or if the driver is tired, the Fatigue and Focus Alert shows a display recommending that the driver take a break as a Check Control message in the Central Information Display (CID).

The Fatigue and Focus Alert is automatically active after each engine start from a speed of roughly 43 mph (70 km/h).

### 14.1. Operation

The Fatigue and Focus Alert can be switched on and off via the iDrive menu. The driver can also set the level of sensitivity in this menu by making the following selection via the controller:

- "My Vehicle"
- "Vehicle settings"
- "Fatigue and Focus Alert"
- Select desired settings



G30 Fatigue and Focus Alert display on the CID

Index	Explanation
1	"Fatigue and Focus Alert" menu
2	Additional note for the driver
3	"Sensitive"
4	Standard
5	Off

# G30 Driver Assistance Systems

## 14. Fatigue and Focus Alert

The settings for the Fatigue and Focus Alert has the following differences:

Selected setting	Explanation
Sensitive	The break recommendation is issued earlier (significantly more sensitive or, in other words, earlier output compared to the "Standard" setting).
Standard	The break recommendation is issued with a defined value (in the same way as for BMW models up to now).
Off	A break recommendation is not issued.

### 14.2. Limits of the system

The functionality may be impaired in the following situations and no warning or an incorrect warning may be issued:

- If the clock is set incorrectly.
- If the speed is predominantly below approximately 43 mph (70 km/h).
- If the driver adopts a sporty driving style, for example rapid acceleration or fast cornering.
- In active driving situations, for example frequent lane changes.
- Poor road condition.
- Strong crosswind.



The system does not relieve the driver of personal responsibility for correctly judging his physical condition. Increasing inattentiveness or fatigue may not be detected at all or in time.

# G30 Driver Assistance Systems

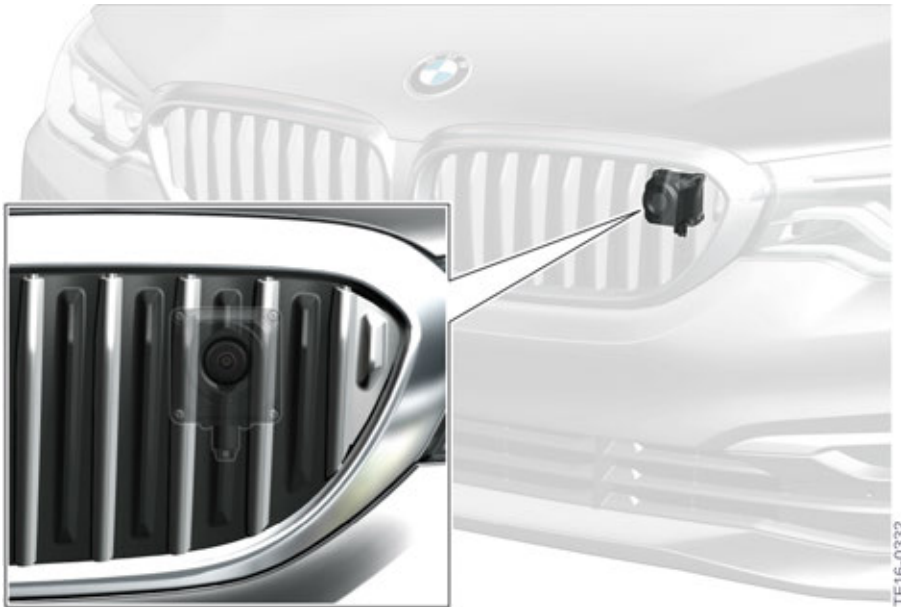
## 15. Night Vision

In the G30, the Night Vision system is available in the form of BMW Night Vision with person and animal detection, optional equipment (OE 6UK).

Night Vision detects people and animals in optimum conditions at night up to a distance of approximately 330 ft (100 m) away and therefore assists the driver, especially on dark and difficult stretches of road, such as when driving on single-lane roads with adjacent woods.

In potentially dangerous situations, the system warns the driver of people and animals on the road.

The Night Vision camera integrated in the BMW radiator grille records the area in front of the vehicle and sends the data to the Night Vision Electronics (NVE).



G30 Night Vision camera

The image data is analyzed by the Night Vision Electronics control unit and the corresponding image information is sent to the head unit via the Color Video Blanking Signal.

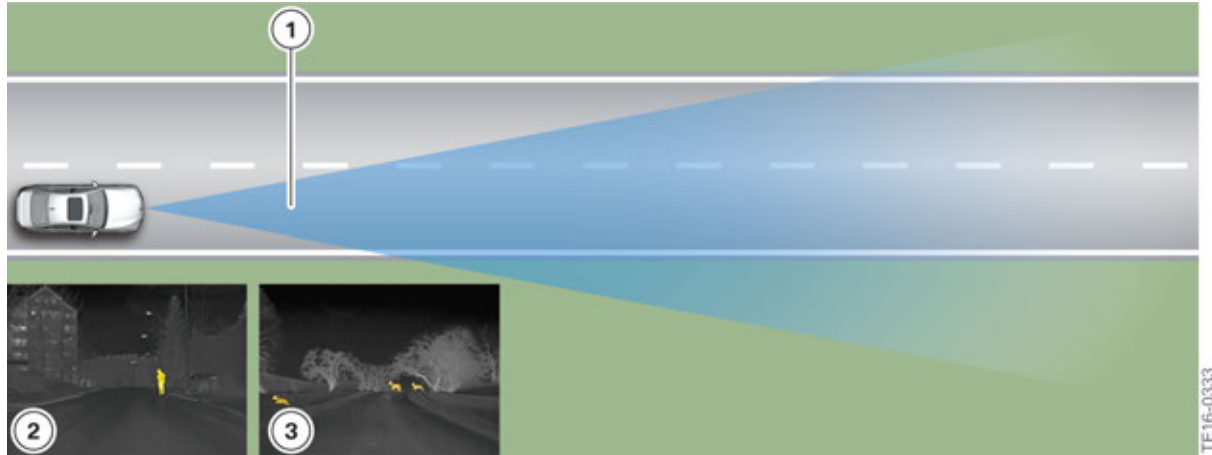


G30 Night Vision Electronics (NVE) control unit

# G30 Driver Assistance Systems

## 15. Night Vision

Hot objects with outlines that resemble people or animals are detected by the system and can be displayed on the Central Information Display if necessary.



G30 Night Vision detection range

Index	Explanation
1	Night Vision camera detection range
2	Night Vision camera image showing detected person (display on the Central Information Display)
3	Night Vision camera image showing detected animals (display on the Central Information Display)

### Object detection range

- Person recognition: up to approximately 330 ft (100 m)
- Recognition of large animals: up to approximately 500 ft (150 m)
- Recognition of medium-sized animals: up to approximately 230 ft (70 m)

### Warning levels






Night Vision detects people and determines their position and distance from the vehicle. Taking into account the driving speed and steering angle, the system calculates whether there is a potential risk and displays a warning sign (early warning) in the instrument cluster and in the Head-Up Display, if present.

In critical situations a warning signal also sounds (acute warning). The warning threshold values are also dependent on whether the person or the animal is moving or standing still.

# G30 Driver Assistance Systems

## 15. Night Vision

The table below shows an overview of the symbols with their meanings:

Symbols	Explanation
	Early warning (person on the roadway)
	Early warning (person crossing the roadway)
	Acute warning when a person is detected
	Early warning when an animal is detected
	Acute warning when an animal is detected

# G30 Driver Assistance Systems

## 15. Night Vision

### 15.1. Operation

Night Vision is automatically switched on every time the vehicle drives off when it is dark. The warning functions are therefore issued irrespective of the view on the Central Information Display. The driver can switch the Night Vision camera display on and off by pressing the Night Vision button in the light operating unit.

It is also possible to set the brightness and contrast of the Night Vision display via the iDrive.



G30 Button for thermal imaging camera/Night Vision

Index	Explanation
1	Night Vision button

# G30 Driver Assistance Systems

## 15. Night Vision

### 15.2. Limits of the system

The functionality may be impaired in the following situations and no warning or an incorrect warning may be issued:

- On steep summits or dips and tight bends.
- If the camera is dirty or the protective screen is damaged.
- Heavy fog, rain or snow.
- If the outside temperatures are very high.

The person and animal recognition may also be impaired or may not issue the usual warnings. This can occur in the following cases:

- If the person or animal is fully or partially hidden, particularly the head.
- If the person is not in an upright position, e.g. if they are lying down.
- If a bike has non-conventional wheels, e.g. recumbent bicycle.
- If the system has been affected mechanically, e.g. after an accident.

In certain cases small animals may be entirely visible on the Central Information Display, but may not be identified by the object detection. As a consequence, a warning is also not issued.



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The system does not relieve the driver of personal responsibility for correctly judging the visibility and traffic situation. The driver is solely responsible for the vehicle and the speed at which it is driven.

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# G30 Driver Assistance Systems

## 16. Cameras

The camera systems provide support for parking, maneuvering and for complex exits and intersections.

The range of camera systems offered has changed completely with the G30. With the exception of the rear view camera, the systems are no longer available as individual items of optional equipment.

The new range strategy now looks like this:

- The rear view camera is available separately as the rear view camera, optional equipment (OE 3AG).
- Surround View is offered in conjunction with the Parking Assistant Plus, optional equipment (OE 5DN). The Surround View function with Top View, Panorama View and 3D View provides 360° visibility around the vehicle.
- The Remote 3D view (Remote 360°) is presented for the first time in conjunction with the Parking Assistant Plus, optional equipment (OE 5DN). This function allows the customer to display images of his parked vehicle on a mobile device (such as a smartphone).

### 16.1. Surround View

Surround View shows the vehicle surroundings and displays them in TOP View and 3D View on the Central Information Display.

The system comprises the front camera, the two cameras integrated in the exterior mirrors, the rear view camera (RFK) and the Top Rear Side View Camera (TRSVC) control unit. The TRSVC may be referred to as ICAM2 in technical systems.

The images from the four cameras are combined into a panoramic view around the vehicle from different angles using 3D computer graphics.

The driver can choose from preset views or can freely select the view (for example, car wash entrances).

In addition, assistance functions such as guidance lines can be shown on the Central Information Display.

**The following camera angles can be displayed:**

- Automatic camera angle
- Side view
- Front camera
- Panorama view
- Rear view camera
- Moving camera angle

# G30 Driver Assistance Systems

## 16. Cameras

### 16.1.1. Automatic camera angle

The system automatically shows the most appropriate camera angle depending on the driving situation, thus providing the driver with optimum assistance when parking and maneuvering. The automatic camera angle shows a steering-dependent view and takes into account the respective direction of travel and the distance information from the Park Distance Control (PDC).

As soon as obstacles are detected, the view changes to a fixed display of the area in front of or behind the vehicle, or changes to the corresponding side view if required.

### 16.1.2. Side view

This view helps the driver to position the vehicle next to the curb or other obstacles at the side of the vehicle by displaying the side surroundings. The side view is from the rear to the front and automatically focuses on potential obstacles if there is a collision risk.

Both the left and right sides of the vehicle are recorded.

### 16.1.3. Front camera

The front camera supports the driver when parking and maneuvering. The area in front of the vehicle is recorded by the front camera and shown on the Central Information Display. The front camera view cannot be selected separately. The driver must select the "Auto" camera angle to view it or if desired, switch on the "Panorama View" function.

### 16.1.4. Panorama View

Panorama View enables the driver to see the cross traffic at blind exits and intersections before proceeding and provides the driver with optimum assistance in this situation. Road users that are hidden by obstacles to the side of the vehicle are sometimes only seen by the driver very late or not at all. To improve the view, the front and rear view cameras record the lateral roadway area. Depending on which drive position is engaged, the front or rear view camera can be activated.

# G30 Driver Assistance Systems

## 16. Cameras



G30 Panorama View on the CID

Yellow lines in the screen display mark the front and rear ends of the vehicle. The camera image is badly distorted in some areas and is therefore not suitable for estimating distances.

The function can be activated using the Panorama View button. Press the button again to deactivate the function. The Panorama View function is automatically deactivated at speeds above approximately 9 mph (15 km/h).

### Panorama View (GPS-based)

GPS-supported, automatic activation of the Panorama View function has been implemented in the G30.



G30 Automatic switch on at a set activation point

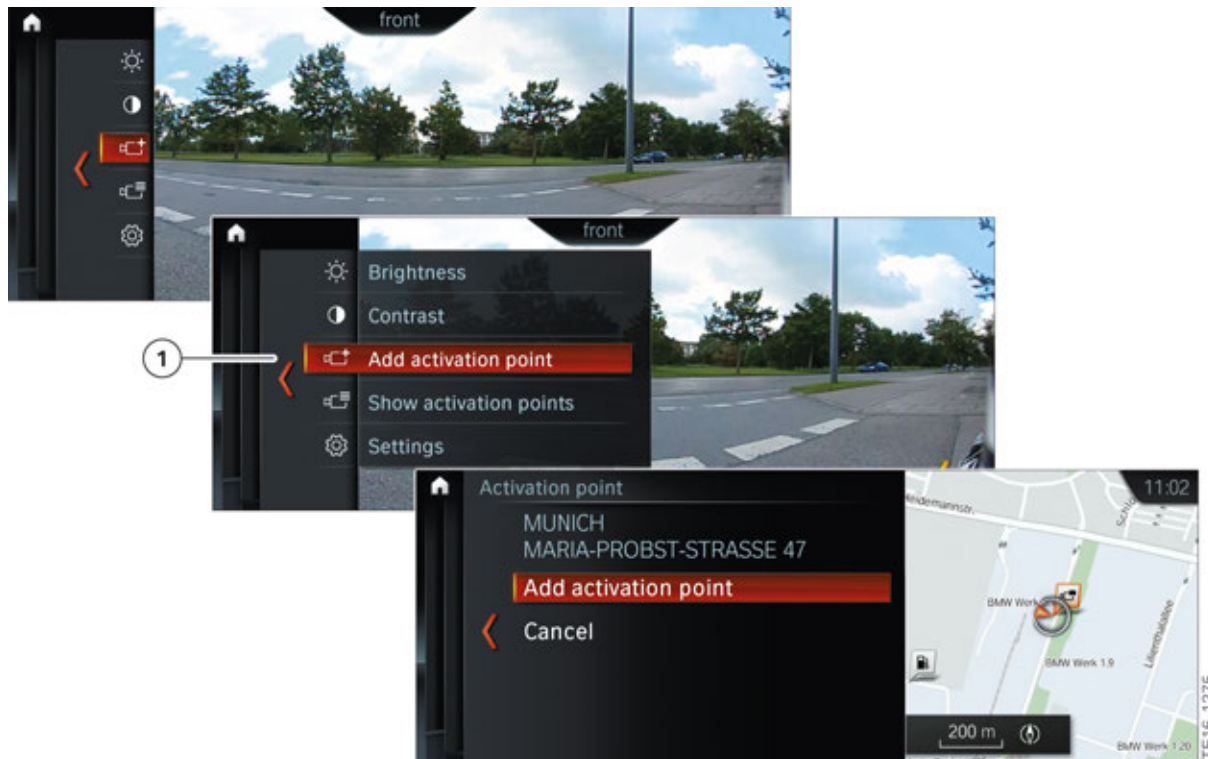
Positions at which the Panorama View should switch itself on automatically can be saved as activation points provided that a GPS signal is received. A maximum of ten activation points can be saved for the front camera.

# G30 Driver Assistance Systems

## 16. Cameras

To save the activation points, the driver must proceed as follows:

- Stop after reaching the place where the Panorama View should switch itself on automatically.
- Press the Panorama View button and then tilt the controller to the left.
- Then select "Add activation point" (the current position is displayed) and confirm by selecting "Add activation point."



G30 Setting activation points

Index	Explanation
1	"Add activation point"

If possible, the activation points are saved with the town/city and street or with the GPS coordinates. The direction of travel is also saved in conjunction with the activation point.

The driver can display the saved activation points on the Central Information Display.

# G30 Driver Assistance Systems

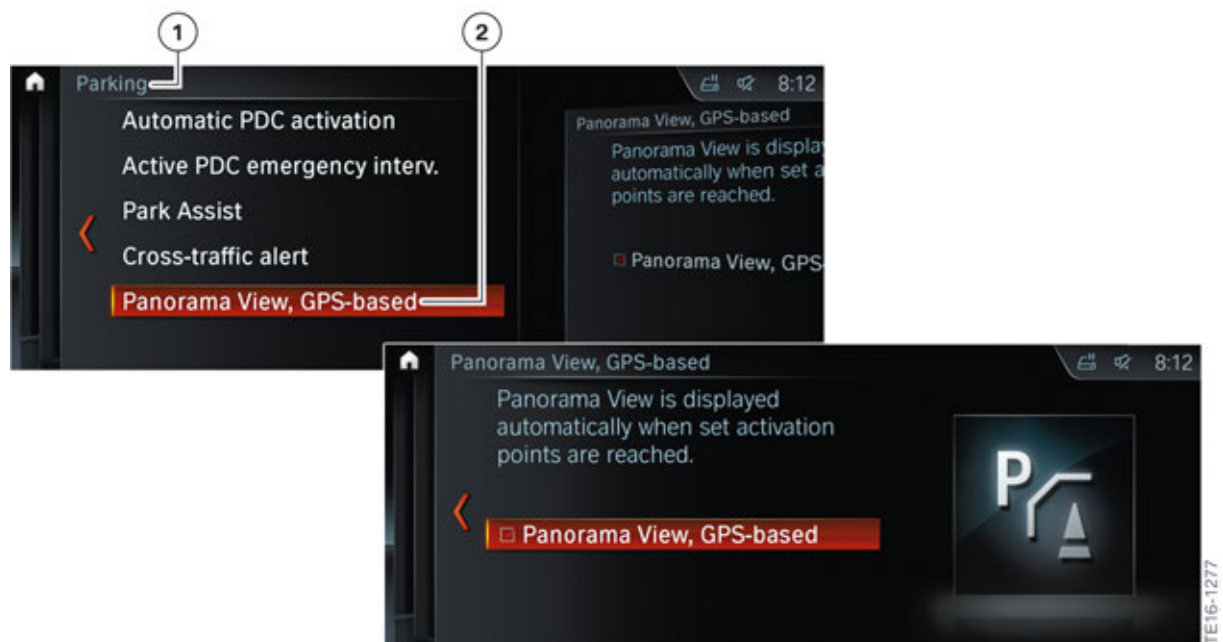
## 16. Cameras



G30 Displaying activation points

Index	Explanation
1	"Show activation points"

The use of activation points can be switched on and off via iDrive.



G30 Panorama View activation menu on the CID

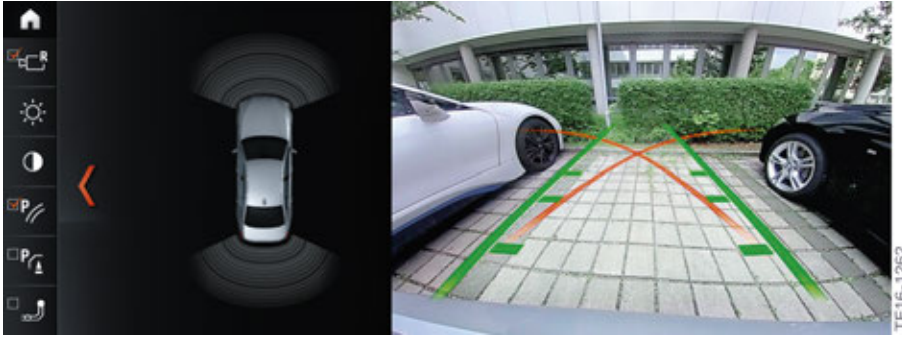
Index	Explanation
1	"Parking" menu
2	"Panorama View, GPS-based"

# G30 Driver Assistance Systems

## 16. Cameras

### 16.1.5. Rear view camera

The rear view camera supports the driver when parking and maneuvering. The area behind the vehicle is recorded by the rear view camera and shown on the Central Information Display.



G30 Rear view camera image in the CID

### 16.1.6. Moving camera angle

When the moving camera angle is selected, a circular trajectory is shown around the vehicle on the Central Information Display. Predetermined angles can be selected on the circular trajectory by turning the controller or using the touch function.

In vehicles with the Gesture Control, optional equipment (OE 6U8), the moving camera angle can also be controlled in this way.

The current angle is identified by a camera symbol. Depending on the view, the surroundings of the vehicle or a partial area of the surroundings are shown on the Central Information Display.