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## [2018 Discovery Sport](#)

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[制动器](#)

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## 自动紧急制动 (AEB)

### **WARNING**

The Autonomous Emergency Braking (AEB) system is a driving aid only. The driver is always responsible for driving with due care and attention, in a safe manner for the vehicle, the occupants, and other road users. The driver should observe all road signs, road markings and any potential emergency braking situations, and act appropriately.

### **WARNING**

The AEB system uses forward-facing cameras to detect real vehicles and pedestrians, plus other certified Euro NCAP target objects. AEB is not designed to detect any other objects, including non-industry approved targets.

### **WARNING**

In order for AEB to operate, it must be able to detect a clear image of the object and be able to determine its movement. If either of these does not occur, the AEB system may not operate.

### **WARNING**

Seat belts should be worn by all vehicle occupants, for every journey, no matter how short. Failure to do so greatly increases the risk of death or serious injury in the event of an accident.

### **NOTES**

Not all vehicles have the AEB system. Consult a retailer/authorised repairer for confirmation.

AEB uses forward-facing cameras, located above the rear-view mirror, to help identify an imminent risk of collision with another vehicle travelling in front. AEB also helps to identify an imminent risk of collision with a crossing pedestrian.

In most instances, AEB helps reduce the severity of an impact. In some cases, AEB helps to stop the vehicle before an impact takes place.

### **NOTES**

AEB efficiency is dependent on the condition of the current driving surface, the vehicle's speed, tyres and braking system.

### **NOTES**

Make sure the windscreen is kept clean and the camera's line of sight is not obstructed by labels, stickers, etc. Failure to do so can cause incorrect AEB operation.

### **NOTES**

AEB calibration is required if the vehicle's windscreen is replaced, or the camera located above the rear-view mirror is moved or replaced. In these events, contact a retailer/authorised repairer.

## NOTES

Where vehicles are parked outside, in full sunlight and in high ambient temperatures, the forward-facing camera may reach an internal temperature of 99°C. In this state, the warning message **AEB Unavailable** displays in the instrument panel and AEB does not operate. When the forward-facing camera cools to less than 88°C, normal operation is resumed, and the warning message extinguishes.

AEB automatically switches on, every time the vehicle's ignition is switched on.

If required, AEB can be switched off via the **Driver Assistance** menu in the instrument panel. See [仪表板菜单](#).

## NOTES

When driving off-road, it is recommended to switch off the AEB system.

## NOTES

When the vehicle's ignition is first switched on, AEB may require an initialisation period before it is fully functional. During this period, the efficiency of AEB is limited.

### VEHICLE DETECTION:

The vehicle AEB detection system operates when the vehicle is travelling between 5 km/h (3 mph) and 80 km/h (50 mph). If the vehicle AEB detects an imminent risk of collision with a vehicle travelling in front, it automatically applies the brakes. If the vehicle's speed is between 35 km/h (22 mph) and 80 km/h (50 mph), AEB warning messages are displayed in the instrument panel. The messages are displayed just before the brakes are automatically applied.

After the vehicle has stopped, the brakes are only applied for a few seconds. After this period, the driver must resume full control of the vehicle.

If AEB engages, the driver can override AEB operation by turning the steering wheel, or pressing the accelerator pedal. AEB then disengages, to make sure that the driver remains in full control of the vehicle.

AEB will not operate if:

- The vehicle is negotiating a tight corner.
- Dynamic Stability Control (DSC) is switched off.
- The forward-facing cameras are dirty or obstructed.
- The vehicle's speed is below 5 km/h (3 mph) or above 80 km/h (50 mph).
- Visibility is impaired due to severe weather conditions, e.g., heavy rain, fog, snow, etc.

### PEDESTRIAN DETECTION:

The pedestrian AEB detection system operates when the vehicle is travelling between 5 km/h (3 mph) and 60 km/h (37 mph). If the pedestrian AEB detects an imminent risk of collision with a crossing pedestrian, it automatically applies the brakes. If the vehicle's speed is between 40 km/h (25 mph) and

60 km/h (37 mph), AEB warning messages are displayed in the instrument panel. The messages are displayed just before the brakes are automatically applied.

After the vehicle has stopped, the brakes are only applied for a few seconds. After this period, the driver must resume full control of the vehicle.

If AEB engages, the driver can override AEB operation by turning the steering wheel, or pressing the accelerator pedal. AEB then disengages, to make sure that the driver remains in full control of the vehicle.

In addition to the items previously listed for vehicle AEB detection, the pedestrian AEB detection

## Related information

[重要信息陡坡紧急制动辅助系统 \(EBA\) 电子制动力分配 \(EBD\) 电子驻车制动器 \(EPB\)](#)

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The fuel consumption figures provided are as a result of official manufacturer's tests in accordance with EU legislation. A vehicle's actual fuel consumption may differ from that achieved in such tests and these figures are for comparative purposes only.