

Audi pre sense

Introduction

Applies to vehicles: with Audi pre sense basic or Audi pre sense front

Within the limits of the system, pre sense basic and pre sense front can initiate steps to protect vehicle occupants in certain dangerous situations.

Critical driving situations can be recognized by the pre sense front via a network of different vehicle systems and can take steps to prepare the vehicle occupants for a potential collision.

The pre sense front works with a radar sensor and a video camera*. It also functions within the limits of the system when adaptive cruise control* is switched off.

General information

General information

Applies to vehicles: with Audi pre sense front or Audi adaptive cruise control



WARNING

Also follow the general information found on ⇒ *page 86, General information.*

Audi pre sense basic

Description

Applies to vehicles: with Audi pre sense basic

The function of the pre sense basic is activated at a speed of 20 mph (30 km/h) or higher.

The following functions can be triggered under certain conditions within the limits of the system:

- Tensioning of the safety belts (for example, during heavy braking): The front safety belts have reversible belt pretensioners. If a collision does not occur, the safety belts loosen slightly and are ready to trigger again.
- Closing the windows and the sunroof* (for example, when over- or understeering): The windows and the sunroof* close until there is only a small gap open.

Audi drive select: The deployment time is adapted in dynamic mode.



WARNING

The pre sense basic cannot overcome natural physical laws. It is a system designed to assist and it cannot prevent a collision. Do not let the increased safety provided tempt you into taking risks. This could increase your risk of a collision.

- The system can deploy incorrectly due to system-specific limits.



Tips

- Certain pre sense basic functions switch off when ESC is switched off (sport mode) or when driving in reverse.
- The pre sense basic functions may not be available if there is a malfunction in the ESC system or the airbag control module.
- Note that with pre sense basic, the reversible safety belt pretensioner on the front passenger's side deactivates when the front passenger's airbag is deactivated.

Audi pre sense front

Description

Applies to vehicles: with Audi pre sense front or Audi adaptive cruise control

Pre sense front informs you if the distance to the vehicle ahead falls below the safe distance for an extended period of time. It can warn of a possible collision and initiate braking maneuvers, within the limits of the system.

When detected in time, the system can assess dangerous situations where an object ahead brakes suddenly or if your own vehicle is traveling at a high speed and approaching an object that is moving more slowly. If detection is not possible, then pre sense front does not react.