

The air suspension and shock absorbers are adjustable and adapt automatically to suit the driver's requirements and driving conditions.

The adaptive air suspension is an electronically controlled spring/shock absorber system. By means of control processes going on in the background it assists the driver and adapts automatically to particular situations when driving.

The **air suspension** varies the ride height according to the road speed, the load being carried in the car and the driver's requirements.

In automatic mode, the ride height is lowered when the car exceeds a pre-defined speed, and is raised again when the road speed drops below a certain level.

The adaptive **damping** varies the stiffness of the shock absorbers to suit individual requirements. For example, if the driver selects the comfort setting, the suspension damping is relatively soft and only becomes firmer when required, such as in a corner, on rough surfaces or during braking.

Settings

The adaptive air suspension allows the driver to select the suspension characteristics according to individual preferences. There are three normal settings: *comfort*, *automatic* and *dynamic*, ranging from an extra-smooth ride to a firmer setting for more active driving. There is also a fourth setting, *lift*, which can be selected for driving on rough or uneven surfaces ► [Link](#).

The desired settings can be selected using the MMI ► [Link](#).

⚠ Caution!

- When you park, make sure there is sufficient clearance both under the car and above the roof, because the height of the parked vehicle can change due to variations in temperature and loading or changes to the ride settings.
- When transporting the vehicle by lorry, train, boat, plane, etc., it must only be strapped down on the tyres. It is not permissible to secure the vehicle by its axles, struts or towline anchorages, since the pressure in the air suspension can change during transport. Under certain circumstances there is a risk that the vehicle may not be properly secured.
- To prevent any damage to the underside, please note that your car is not an off-road vehicle, even in the "lift" setting. There may still be insufficient ground clearance in some situations.

Note

- You must activate the jacking mode ▶ [Link](#) before lifting your car on the jack*.
- On some models the maximum speed will only be obtained in the *automatic* and *dynamic* modes.

◀ [Pneumatic suspension and damping](#)