

# Adaptive cruise control

If a vehicle ahead enters the same lane or a slower vehicle is ahead in the same lane, your vehicle speed will adjust automatically until the gap to the vehicle ahead corresponds to the gap setting. The vehicle is now in **follow mode**.



The amber warning lamp in the instrument panel will be illuminated.

The message centre will display the gap set in the form of a vehicle with a varying number of bars in front of it.

The vehicle will then maintain the constant time gap to the vehicle ahead until:

- The vehicle ahead accelerates to a speed above the set speed.
- The vehicle ahead moves out of lane or out of view.
- A new gap setting is chosen.

If necessary, the vehicle brakes will be automatically applied, slowing the vehicle and maintaining the gap to the vehicle in front.

The maximum braking which is applied by ACC is limited and can be overridden by the driver applying the brakes, if required.

**Note:** *Driver braking will cancel ACC.*

If ACC predicts that its maximum braking level will not be sufficient, then an audible warning will sound while ACC continues to brake.

**DRIVER INTERVENE** will be displayed in the message centre. Take immediate action.

When in follow mode, the vehicle will automatically return to the set speed when the road ahead is clear, for instance when:

- The vehicle ahead accelerates to a speed above the set speed, or changes lane.
- You change lane to either side or enter an exit lane.

The driver should intervene if appropriate.

If a direction indicator is used, ACC will reduce the gap to the vehicle ahead so as to respond more quickly to the anticipated manoeuvre. If a manoeuvre is not actioned, the previous gap will be restored after a few seconds. Enhanced response may not occur if ACC detects that it is inappropriate, i.e., you are already too close to the vehicle ahead or you are already in another lane.

## CHANGING THE FOLLOW MODE SET GAP



**It is the driver's responsibility to select a gap appropriate to the driving conditions.**

Four gap settings are available. The selected gap setting is displayed on the message centre when the gap adjustment buttons are operated.

Each gap is indicated by an additional bar in front of the vehicle icon in the message centre. After the ignition is switched on, the default gap (gap 3) will be automatically selected ready for ACC operation.

If Terrain response Grass-Gravel-Snow mode is selected then the longest gap (gap 4) will initially be selected.

## OVERRIDING THE SPEED AND FOLLOW MODE



**Whenever the driver is overriding the ACC by depressing the accelerator pedal, the ACC will not automatically apply the brakes to maintain separation from any vehicle ahead.**