Automatic Speed Limiter

AUTOMATIC SPEED LIMITER (ASL)

WARNING:
The fact that the vehicle is fitted with Automatic Speed Limiter must never allow the driver to be tempted into taking risks which could affect his/her safety or that of other road users. In all cases it remains the driver’s responsibility to drive safely within local speed restrictions and according to prevailing conditions.

The automatic speed limiter system can be used by the driver to select a maximum vehicle speed limit between the range of 30 km/h (18 mph) to 240 km/h (150 mph) that is not to be exceeded. The switch on the centre console allows the driver to switch between the cruise (speed) control system and the automatic speed limiter system.

It is advisable to set the speed limiter while the vehicle is stationary but with the engine running.

When the ASL system is switched on the tell-tale status light will illuminate and the ASL function will be selected. In the alternative switch position the light will be extinguished and the cruise (speed) control system will be selected.

When the ASL system has been set the engine will respond to the driver’s accelerator pedal demand until the set speed limit is reached. At this point, provided that the accelerator pedal position is sustained, the vehicle will maintain the speed limit.

The ASL system controls the vehicle speed through engine throttle control to match the limit speed.

If the accelerator pedal is depressed further the vehicle will not increase speed but the automatic speed limiter will hold the vehicle to the limit speed.

The ASL system can be cancelled either by switching to cruise (speed) control or applying kickdown on the accelerator pedal or by pressing the CANCEL button on the steering wheel.

The application by the driver of the brakes will not deactivate the ASL system. The system is deactivated and the limit speed memory deleted each time the ignition is switched off.
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**Setting the system**

The driver controls the system operation via the cruise (speed) control switches and the accelerator pedal. The driver command controls are as follows:

- ASL/cruise control selection switch.
- Steering wheel cruise (speed) control switches:
  - SET
  - + or -
  - CANCEL
  - RES.
- Accelerator pedal (this can be used to deactivate the system by invoking kickdown).

When the system is first enabled no messages are displayed on the message centre until a limit speed is set.

The driver sets or alters the limit speed using the cruise (speed) control switches on the steering wheel in the same way as setting or altering a cruise (speed) control speed setting. See page 145.

**Message centre display when ASL selected**

**Limiter set**: While a speed limit is being set or altered, a message is displayed on the message centre:

![LIMITER SET
XXX MPH](image)

The message is also displayed when the system is limiting the vehicle speed, when the actual speed is less than limit speed and when actual speed is the same as limit speed.

**Limiter cancelled**: This message is displayed for four seconds when the driver cancels the system, either by pressing a CANCEL command, pressing the ASL switch or by kickdown:

![LIMITER CANCELLED](image)

The system then goes to stand-by mode.

**Limiter not available**: This message is displayed when the system is not available, i.e. a fault is diagnosed:

![LIMITER NOT AVAILABLE](image)

Amber light in instrument panel

Under this condition the system continuously transmits the message when ASL is selected using the switch. It is advisable to contact your Jaguar Dealer as soon as possible.
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Message centre display when vehicle is at speed and ASL is selected

**ABOVE RESUME LIMIT:** This message is displayed when RES, resume, is pressed, but the actual vehicle speed is more than 30 km/h (18 mph) above the previous memory set speed.

**TOO FAST TO RESUME LIMIT**

**LIMITER OVER SPEED:** This message is displayed when the vehicle speed exceeds the limit speed being set:

**OVER LIMIT XYZ MPH**

Flashing amber light in instrument panel

For an overspeed that is between 3 km/h (1.8 mph) and 15 km/h (9 mph) above the set limit speed the system displays the above message and illuminates the amber light.

For an overspeed that is over 15 km/h (9 mph) above the set limit speed the system displays the above message and illuminates a flashing amber light.

For an overspeed that is over 15 km/h (9 mph) above the set limit speed and for a duration of approximately five seconds, the system displays the above message and illuminates a flashing amber light and sounds an audible warning tone.