

Automatic speed limiter (ASL)

PRINCIPLE OF OPERATION

WARNING



Automatic Speed Limiter (ASL) set speeds, must be within local speed restriction limits. The driver must always ensure that a safe speed is set, taking into account the prevailing traffic and road conditions.

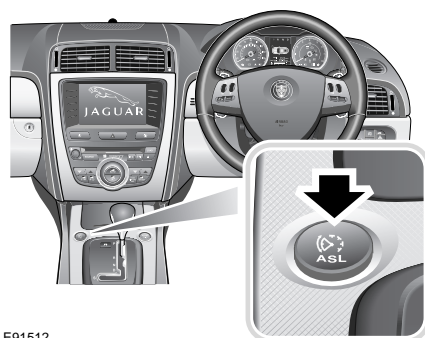


In certain conditions, such as a steep downhill gradient, the vehicle speed may exceed the set speed limit. This is because engine braking is unable to maintain or reduce the vehicle speed. Driver intervention may be required.

ASL can be used in a situation where varying vehicle speed is likely but a maximum speed must not be exceeded. For example, where a local speed limit is 80km/h (50mph), the set speed could be at that limit or just under.

If ASL is not selected, cruise control is always available by simply rotating the thumb wheel on the right-hand side of the steering wheel to set a cruising speed. See **USING CRUISE**

CONTROL (page 145). The **ASL** button allows the driver to select between cruise control and the automatic speed limiter. The ASL can be set to any speed between 30km/h (18mph) and 240 km/h (150 mph).



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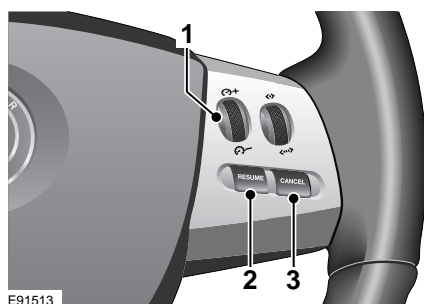
When ASL is selected, the instrument panel telltale status lamp will illuminate. When the ASL button is pressed again, the light will extinguish, ASL will be cancelled and cruise control will be available again.

Note: When the ignition is switched off, ASL is deactivated and any set speed is deleted from memory.

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USING THE ASL

Setting a speed limit



- Press the **ASL** button.
- Use the speed adjustment control (1) to set the required speed.
Rotate the speed adjustment control upwards (+) to increase, or downwards (-) to decrease the set speed, until the desired speed is obtained.
- The set speed can be adjusted at any time, by rotating the speed adjustment control.

LIMITER SET
XXX km/h (MPH)

While a speed is being set or altered, the message centre display in the instrument panel will show the selected speed.

Note: *The message is also displayed at other times as an information display.*

When ASL is selected and a set speed inserted, the engine will respond normally up to the set speed. Further accelerator pedal pressure will not increase the vehicle speed beyond your set speed.

Suspending ASL

Press the **CANCEL** button (3), to suspend ASL operation. Applying sudden, rapid acceleration (kickdown) will also suspend ASL. The following message will be displayed in the message centre.

LIMITER CANCELLED

Resuming ASL

If ASL has been suspended, it can be reinstated with a single press of the **RESUME** button (2). However, ASL will only reinstate if the vehicle speed is less than the current speed set in memory and greater than 30km/h (18mph). The message centre will display an appropriate message if the vehicle speed is too fast to resume ASL.

TOO FAST TO RESUME

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Exceeding the set speed

If the set speed is exceeded, e.g. on a steep downhill section, the message centre will display an appropriate message along with an amber warning indicator.

OVER LIMIT XXX km/h (MPH)

There are three categories of over limit displays:

- If the set speed is exceeded by up to 15km/h (9mph), the message centre will display the message along with an amber warning indicator.
- If the set speed is exceeded by more than 15km/h (9mph), the message centre will display the message along with a flashing amber warning indicator.
- If the set speed is exceeded by more than 15km/h (9mph) for a duration of five seconds, the message centre will display the message along with a flashing amber warning indicator and also give an audible warning tone.

Use your brakes to rectify the situation.

ASL unavailable

If ASL is not available due to a fault, the message centre will display an appropriate message, along with an amber warning indicator.

LIMITER NOT AVAILABLE

The message and warning indicator will display continuously while ASL is selected.

When the ignition is switched off, ASL is deactivated and any set speed is deleted from memory.