

THE 5 LEVELS OF DRIVING AUTOMATION

LEVEL 1

LEVEL 2

LEVEL 3

LEVEL 4

LEVEL 5

What does the driver have to do?

The driver is in control whenever a support function is engaged – even if the driver’s feet are off the pedals and the driver not steering

The driver shall constantly supervise these support functions; the driver must steer, brake or accelerate as needed to maintain safety

The driver is not driving when these automated driving systems are engaged – even if the driver is seated in the driver’s seat

When the system requests

The driver must drive

These automated driving systems will not require the driver to take over driving

DRIVER SUPPORT FEATURES

AUTOMATED DRIVING FEATURES

What do these features do?

These functions provide steering **or** brake/ acceleration support to the driver

These functions provide steering **and** brake/ acceleration support to the driver

These systems can drive the vehicle under limited conditions and will not operate unless all required conditions are met

These features can drive the vehicle under all conditions

Examples of features

-Lane keeping **or** -adaptive cruise control

-Lane keeping (e.g. ACSF UN Reg. 79) **and** -adaptive cruise control at the same time

-traffic jam assist - ALKS - new UN Reg

-Local shuttle
-Local taxi

-same as level 4, but the systems can drive everywhere in all conditions