

SAE J3016™ LEVELS OF DRIVING AUTOMATION™

Launched in 2014, the SAE Levels of Driving Automation™ are the industry’s standard language for classifying driving automation. The SAE Levels range from Level 0 (no driving automation) to Level 5 (full driving automation) in the context of motor vehicles and their operation on roadways.

	SAE LEVEL 0™	SAE LEVEL 1™	SAE LEVEL 2™	SAE LEVEL 3™	SAE LEVEL 4™	SAE LEVEL 5™
<i>What does the human in the driver's seat have to do?</i>	You <u>are</u> driving whenever these driver support features are engaged – even if your feet are off the pedals and you are not steering			You <u>are not</u> driving when these automated driving features are engaged – even if you are seated in “the driver’s seat”		
	You must constantly supervise these support features; you must steer, brake or accelerate as needed to maintain safety			When the feature requests, you must drive	These automated driving features will not require you to take over driving	

THESE ARE DRIVER SUPPORT FEATURES

THESE ARE AUTOMATED DRIVING FEATURES

<i>What do these features do?</i>	These features are limited to providing warnings and momentary assistance	These features provide steering <u>OR</u> brake/acceleration support to the driver	These features provide steering <u>AND</u> brake/acceleration support to the driver	These features can drive the vehicle under limited conditions and will not operate unless all required conditions are met	This feature can drive the vehicle under all conditions
<i>Example features</i>	automatic emergency braking blind spot warning lane departure warning	lane centering <u>OR</u> adaptive cruise control	lane centering <u>AND</u> adaptive cruise control at the same time	traffic jam chauffeur	local driverless taxi pedals/steering wheel may or may not be installed same as level 4, but can drive everywhere in all conditions