

Summary of levels of driving automation

Referenced from SAE J3016
(issued by SAE international)

	Level	Name	Narrative Definition	DDT Fallback
Driver Performs Part or All of the DDT				
	Level 0	No Driving Automation	The performance by the driver of the entire DDT, even when enhanced by active safety systems.	Driver
Driver Support	Level 1	Driver Assistance	The sustained and ODD-specific execution by a driving automation system of either the lateral or the longitudinal vehicle motion control subtask of the DDT (but not both simultaneously) with the expectation that the driver performs the remainder of the DDT.	Driver
	Level 2	Partial Driving Automation	The sustained and ODD-specific execution by a driving automation system of both the lateral and longitudinal vehicle motion control subtasks of the DDT with the expectation that the driver completes the OEDR subtask and supervises the driving automation system.	Driver
ADS ("System") Performs the Entire DDT (While Engaged)				
Automated Driving	Level 3	Conditional Driving Automation	The sustained and ODD-specific performance by an ADS of the entire DDT with the expectation that the DDT fallback-ready user is receptive to ADS-issued requests to intervene, as well as to DDT performance-relevant system failures in other vehicle systems, and will respond appropriately.	Fallback-ready user (becomes the driver during fallback)
	Level 4	High Driving Automation	The sustained and ODD-specific performance by an ADS of the entire DDT and DDT fallback without any expectation that a user will need to intervene.	System
	Level 5	Full Driving Automation	The sustained and unconditional (i.e., not ODD-specific) performance by an ADS of the entire DDT and DDT fallback without any expectation that a user will need to intervene.	System