












<h1>Comparison of Self-Driving Capabilities</h1>		LEVEL 3	LEVEL 2			
		Allows hands- and eye-free driving under specific conditions	Driver in charge at all times			
<p>This chart is for illustrative purposes only.</p> <p>It highlights the inherent complexity of comparing SAE Level 3 systems—which operate under strict constraints—against technically superior systems capable of Level 4 or 5 performance that have not yet pursued or secured formal regulatory reclassification.</p>						
		Mercedes (DRIVE PILOT)	Mercedes (DRIVE ASSIST PRO)	Tesla (FSD Supervised)	Rivian (Universal Hands-Free)	XPeng (NGP - VLA 2.0)
@tpgoebel April 2026		Deprecated as of Jan 2026	Cooperation with NVIDIA; not publicly available yet; capabilities still early; assessment based on public demo videos	Publicly available in the US, Canada, Mexico, Australia, New Zealand, South Korea, China (limited), and the Netherlands	Publicly available in US since February 2026; capabilities still early development	Not yet publicly available; generally comparable in capabilities with Tesla FSD (Supervised)
 Environmental conditions	Drives at daytime	only on select highways				
	Drives at nighttime		?			
	Drives during rain		?			
	Drives through fog / mist		?			
	Drives during snow / on snowed roads		?			
 Road types & geometries	Drives at low sun / glare		?			
	Drives without network connection					
	Drives urban / city streets					
	Drives highways / freeways	only on select roads, with leading vehicle ahead, max 60mph				
	Drives rural streets (e.g. no center lines or markings)		?			
 Control & tactical maneuvers	Drives fast (>75mph)		?			
	Handles roundabouts of any size or complexity		?			
	Handles railway crossings		?			
	Handles tunnels / bridges				?	
	Steers right or left					
	Accelerates or brakes adaptively					
	Changes lanes					
	Makes right or left turns					
	Makes left turns across medians					
	Stops at red lights					
 Object detection & response	Stops at stop sign					
	Negotiates at 4-way stops		?			
	Understands flashing red or yellow lights					
	Adjusts speed according to signs or conditions					
	Makes u-turns		?			
	Merges onto fast roads from a complete stop		?			
	Avoids infinite loops or prolonged indecisiveness		?			
	Reacts correctly to emergency vehicles		?			
	Yields to / passes pedestrians					
	Passes parked cars					
 Low-speed & parking operations	Maneuvers around cyclists					
	Avoids obstacles on the road					
	Maneuvers through construction zones					
	Avoids blocked roads or lanes		?			
	Avoids potholes		?			
	Understands traffic-controlling hand gestures		?			
	Reverses when necessary		?			
	Handles choke points on narrow streets					
	Reacts correctly to stopped schoolbuses		?			
	Starts from any parked position		?			
 Low-speed & parking operations	Finds safe curbside dropoff					
	Parks parallel					
	Parks perpendicular		?			
	Parks angled		?			
	Parks back-in		?			
	Navigates parking lots		?			
	Finds parking in parking lot		?			
Navigates parking garages		?				
Navigates drive-ins, pay stations, ...		?				