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	Operational Mode	Operational Scenario	Environmental Details	Situation Details	(parional)	flunction)	Situation Description	Function	Deviation	Davission Datains	(resulting effect)		Description	(of situation)	Rationale (for exposure)	for occential harmi	Rationale (for severity)	Controllability (of hazandous event)	Rationale (for controllability)	ASIL Determination	Safety Goal
HA-001	OM03 - Normal Driving	OSO4 - Highway	ENDS - Rain(Slippery road)	SD02 - High Speed		ICO1 - Correctly used	Normal driving on Highway during sain/when the road is slippen; with high speed and correctly used system.	Lane Departure Warning function shall apply an oscillating steering turque to provide the driver with haptic feedback	DV04 : Actor effect is too much		the other vehicle	High haptic feedback can affect ability of driver to steer as intended. The driver could tose commit of the vehicle and collide with other vehicle or with the infrastructure of the read.	oscillating steering torque to	E3: Medium probability	Driving on highway in rain situation depends totally upon the reasure of locality and this does not happen every time.	S3: Life-threatening or tatal injuries	Collision arhigh speed can cause the threatening injuries	C3: Difficult to control or uncontrollable	Controlling whicie running on high speed in slippery road/dueto min) is very difficult.	c	The vibrating turque of steering wheel shall be reduced to acceptable range.
HA-002	CM03 - Normal driving	OS03 - Country Road	ENET - Narmal conditions	SD02 - High speed		IJ02 - Inconectly used	normal conditions with high speed and incorrectly used system.	Lane Keeping Assistance (UKA) function shall apply the steering turque when active in order to stay in ego lane	DVID: Function always activated	Lane Keeping function is always activated		Lane Keeping Assistance always stays active but the diver tries to misuse it as an autonomous driving function. This results in car getting into a collision.	The Driver didn't use the Lane Keeping Assistance function as immeded	E2 - Low probability	Driving on country road with high speed and misuse of system shall not happen often.		Collision at high speed can cause the threatening injuries	uncontrolishie	EXA is always on here, the driver might assume that the car is driving and take both his hands away from steering wheel thus limiting his ability to promptly wacz and recover from situation. This may lead to fatal accident.	9	The LKA shall be time limited, thus after a time likeging manoeure, the control is given back to the driver
144-003	OMES - Normal driving	OSOL - Off Road	ENDS - Rain (slippery road)	SD02 - High speed		8001 - Correctly used	Normal driving on off road during Rain (slippery mad) with high speed and connectly used system.	Lane Departure Warning function shall apply an oscillating steering turque to provide the driver with haptic feedback	DVH2 - Sensor sensitivity is too high	As the Lane Departure Warning function always activated, thus the possibility of finding the lane is bit difficult	EV00 - Collision with other whicle	As LDW function will be activated all the time, which will send the signals to oscilate the steering wheel hence making it difficult for the drive to steer as intended, resulting in collision with another vehicle on the road.	have oscillating torque value on	62 - Low probability	Driving on off read happens less than 1 % of the average operating sine of the vehicle	S3 - Life-threatening or brailinjuries	Colleion at high speed on off road can cause life-threatening injuries	C3 - Difficult to control or uncorrectable	When LDW function tails to identify tane on off need flets say when the camera is not able to detect the bare position controlly due to shadow or not unclear visibility of the later lies etc.), sandom amplitude values are applied to the steering wheel which is very difficult to control.	a	The Lane Departure Warning system shall be turned off while diving on off road condition.
HA-004	OMES - Normal driving	OS03 - Country Road	EN01 - Normal conditions	SD02 - High speed			Normal driving on-country road during the country road with connectly used system and high speed.	Lane Keeping Assistance function shall apply the strening turque when active in order to stay in ego lane	D's00 - Function unexpectedly activated	LKA got activated and the carriers sensor suddenly stopped working	EV00 - Collision with other vehicle	When the Line Keeping Assistance actionse in a sundom namon then the signals sand by the LKA would be all of a motion value, and these random values as applied to the workle thus making the diser loose the corrol and again seculing in collision with other vachiles the are moving on the road or even with the other road others.	damaged then the UKA starts.	E2 - Low probability	Driving on city road with high speed will be less than 1 % of average operating time of the whickle	93 - Life-threatening or teralinjuries	Collision at high apped can result in life-threatening injuries	C3 - Difficult to control or uncontrollable	Driver losses the control of the vechile when the random torque values are applied on vehicle.	9	The DKA function shall be temporarly descrissed when the camera sensor stops working and driver shall be warned about the discrision by Starbing the message on discribioants creen of the CBK.