				Message	es					o o				T		Signals			77		<u>.</u>	at			Physical	l values	Value r	range		Logical values	Transi Receiv	mitter -	-
Message	ldentifier [hex]	ldentifier [dec]	Protocol	Message lengtin Cycle time normal [	Cycle time fast [ms	Inhibit time [ms]	StartDelay [ms]	Message type	GenMsgSendType	GenMsgNrOfRepetit	Signal	StartByte	StartBit	Signal length [bits]	Signal transmission type	Repetitions active	MUX Group	InitValue raw [dec]	ErrorValue raw [dec	Sign	Worst case behavio	Worst case startup	Min raw value [dec]	Max raw value [dec]	phy values [dec]	Unit	Offset	Scaling	Raw value [dec]	Description	Airbag eCS	RGS_HL RGS_HR RGS_VL RGS_VR	Signal comment
Airbag_01	0x040	64 F	-D	8 4	10		10 0	Application	Cyclic	5.7	Airbag_01_CRC		0	8 Cyclic			Г			valid val	alue		0 25:	5 02	SS5		0				S		For MLB  "Calculation see specification "Communication protection for FlexRey and CAN"  From MQB and MLBevo:
		-	 E	- Apr		INF	. /	D	raf	t		~~	nG/	g l																			"Calculation see specification "End-to-End Communication backup?"  For end values see accompanying document "S-PDU identification sequences
			固		9 W 45%)	ر و (أرو	or I	pro	du(	ti	ne ba	n n																					dentifier requence: Dx40,Dx40,Dx40,Dx40,Dx40,Dx40,Dx40,Dx40,
No.	0x040 0x040 0x040	64 F	0	8 4	10 10 10 10		10 0	Application Application	Oydic Oydic	5/C	Airbag_01_BZ AB_RGS_Anst	V E	0       4	4 Cyclic 4 OnChange				8			alue		0 15	0 1	5		0	1	4 5 6	active_level_1 active_level_2 active_level_3	S		PreCrash control of reversible sealbelt tensioners (activation and Force level)
Airbag_01	0×040 0×040 0×040		Da <sup>1</sup>	ei	10 10 10 10 10 10 10 10 10 10 10 10 10 1		F ()	Application  Application	Cyclic Cyclic	er	AB_Front_Crash AB_Heck_Crash	3	0	1 OnChangeWith	Repetition Repetition			0		valid val	alue								0  1	deadivated no_front_crash Front_Crash no_stern_crash	S		St is set when the seathelt tensioner, US and RdW Threshold set will be incremented of an new projects seating out, ASS.A.
Airbag_01 Airbag_01	0x040	64 F	-D		15	222	10 0	Application Application	Cyclic	5 /	AB_SF_Crash  AB_SB_Crash	3	2	1 OnChangeWith	Repetition Repetition			0		valid val	alue alue								1 0 1 0 1	Tal_Crash  no_sides_crash_driver  Pages_Crash_Driver  no_sides_crash_passenger  Side_Crash_Passenger	s		Aud8VVV8  Currently only in conjunction with crash intensity >= 100b (fuel pump shutdown) is used.  Currently only in conjunction with crash intensity >= 100b (fuel pump shutdown) is used.
Airbag_01 Airbag_01	0x040 0x040	64 F	-D -D	8 4	io 10	1	10 0	Application Application	Cyclic Cyclic	5 /	AB_Rollover_Crash  AB_Crash_Int	3	4 5	1 OnChangeWith	Repetition Repetition			0		valid val	alue alue								0 1 0 1	no_rollover Rollover no_crash _intensity_1 Crash _intensity_1_(only_actuator_test_MLB_B	S E		Operated in the BS/B7 Cabrio and New Beetle Cabrio.  Drash_Intensity_1 = vehicle-dependent reactions in crash  Drash_Intensity_2 = vehicle-dependent reactions in the crash  Drash_Intensity_3 = vehicle-dependent reactions in a crash
																													3 4 5 7	8) Crash_Intensity_2_(only_D4_C7_Colorado_NF_PAG Crash_in_MLB_B8) Crash_Intensity_3_(old_VW/AUDI actuator est_MLB_B8) Crash_Intensity_3_(old_PAG)			The respective vehicle-dependent reactions in the crash are shown in a separate Doors module in the airbag SG.  The information remains for every threshold value exceeded by
																														Crash_Intensity_3			Pass -10 s Attention: Energy reserve with disconnected battery is enough worstcase only for 150 ms)
Airbag_01	0x040	64 F	-D	8 4	10 10	1	10 0	Application	Cyclic	5 /	AB_Lamp	4	0	1 Cydic				1		valid val	alue								0	From	s		Safety warming lamp in the station wagon is switched off by the airbag SG
Airbag_01	0x040	64 F	-D	8 4	10 10		10 0	Application	Cyclic	5 /	AB_disabled	4	1	1 Cydic				0		valid val	alue								1 0 1	A active deactivated	S		controlled; state of the lamp is indicated on the CAN bus. output (also flashing information). Airbag or seatbelt tensioners were deactivated by adjustment: Update only after self-test
Airbag_01 Airbag_01	0x040 0x040	64 F	-D -D	8 4	10 10 10	1	10 0	Application Application	Cyclic	5 /	AB_VB_disabled  AB_System error	4	3	1 Cydic 1 Cydic				0		valid val	lue lue								0  1  0  1	Passenger airbag_active Passenger airbag_deactivated no_error Airbag_System error	s		Held out as an option, passenger airbags were installed per Key switch or occupant detection deactivated System error if necessary, warning lamp is switched on continuously.
Airbag_01 Airbag_01	0x040 0x040	64 F	-D	8 4	0 10 0 10	1	10 0	Application Application	Cyclic	5 /	AB_Diagnosis AB_Posture test	4	4 5	1 Cydic 1 Cydic				0		valid val	alue 200	ms							0 1 0 1	not_in_diagnosis in_Diagnosis not_in_actuator_test Airbag_in_the_actuator_test	S		Airbag in diagnosis  information on whether airbag is in actuator test to avoid a Prevent emergency call resolution during actuator test
Airbag_01	0x040	64 F	-D	8 4	10	,	10 0	Application	Cyclic	5	AB_Erh_On_VB	4	6	2 Cydic				0		valid val	ilue								0  1  2  3	none_display Passenger airbag_deactivated Passenger airbag_activated not_defined	Ø		When the status of the passenger airbag changes, the driver should briggered by the passenger occupant detection or the key lock selectly be made aware by one display in the station wagon. Audi only: valid for: AB2 (4-door AU352), B7, C6, C3
Airbag_01 Airbag_01	0x040 0x040	64 F	-D -D	8 4	10 10	1	10 0	Application Application	Cyclic	5 /	AB_Belt_Warning_VF  AB_Belt_Warning_VB	5	0	1 Cydic				0			alue								0 1 0	no_warning Seabelt_warning_trigger no_warning Southelt_warning_trigger	s		Ditiver has not fastened seat belt, display in station wagon Passenger has not fastened seat belt, display in station wagon
Airbag_01	0x040	64 F	-D	8 4	10	,	10 0	Application	Cyclic	5 /	AB_display_Fussg	5	2	2 Cydic				0			alue								0 1 2	Seafbelt_warning_frigger no_FSG_action_outstanding Engine hood_open System error	S		Display for triggered pedestrian protection actuator system
Airbag_01 Airbag_01	0x040	64 F	-D	8 4	10	1	10 0	Application  Application	Cyclic		AB_Texts_AKS  AB_PAO_Light_Anf	5	6	2 Cydic 1 Cydic				1			alue 200	r msl							1 2 0	no_AKS_triggering AKS_exhausted AKS_System error Switch_off_luminaire	0		Fact display for pyretechnical triggering of the active fleachest (AKS)  Requirement for the passenger artisip off light in the Roof console (on / off), use only with PAG
Airbag_01	0x040	64 F	-D	8 4	10	,	10 0	Application	Cyclic		AB_MKB_valid	5	7	1 Cydic				0		valid val	alue								0 1	Switch_on_luminaire Multicolision_braking_not_enabled Multicolision braking_enabled	0		Multi-collision braking in airbag unlocked
Airbag_01 Airbag_01	0x040 0x040	64 F	-D	8 4	io 10	1	1 1	Application Application	Cyclic	i i	AB_MKB_Requirement  AB_supply voltage	6	1	1 OnChangeWith	Repetition			0		Init valid val	alue 200	i ms							0 1 0 1	Muticolision_braking_not_requested Muticolision braking_requested plausible implausible			Request multi-coll sion braking  Transfer of plausibility information KI.15-load vs. KI.15-  OAN.
Airbag_01	0x040	64 F	-D	8 4	10 10	,	10 0	Application	Cyclic	5 /	AB_Deactivation_HV	6	2	3 OnChangeWith	Repetition			0	7	valid val	alue 200	i ms							0	none_deactivation Deactivation_1			Operation in case KI.15-Last "ON" and KI.15-CAN "OFF" with Output warming/accustic in the comb. Deactivation of the HV system and the HV subscribers in the Drash (including hybrid and electric vehicles)
																													2 3 4 5 6 7	Deactivation_3 Deactivation_3 Deactivation_4 Deactivation_5 Deactivation_6 Error			
Airbag_01	0x040	64 F	-D	8 4	10	,	10 0	Application	Cyclic	5	AB_EDR_Trigger	6	5	2 OnChange				0		valid val	alue 200	i ms							0 1 2 3	No_Event Start_Event NonDeployment_Event Deployment_Event	S		Trigger condition for decentralized recording accident-relevant data in the Event Data Recorder
Airbag_01	0x040	64 F	-D	8 4	10	·	10 0	Application	Cyclic	5 /	AB_occupancy_VF	6	7	2 Cydic				0	1	valid val	alue								0 1 2 3	not_available Error not_occupied occupied	S		Occupancy detection front driver.
Airbag_01	0x040	64 F	-0	8 4	(d) 10	,	10 0	Application	Cyclic	5,	AB_bett_lock_FA_ext		1	3 OnChange				6	7	vald val	alue								0 11 22 3 4 5 6	not obstructed recented on plugged pugged pugged pugged permanent, not, plugged permanent, plugged permanent, plugged litt Ettor	S		the result of he "Seet Left bucks plausibility dresh" basic function of the abandorment concept is shown in the signal.

INTERNAL INTERN

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Arbag_01	0x040 6	FD 8	40 10	10	0 Application Cyclic	Š	S AB_belt_lock_FA_ext_active	7 4	1 Cydic		0		valid value	200 ms						0	inactive active	S		This signal indicates whether the Estended Belt diagnostics (result is displayed in signal AB_Gurtschloss_FA_ext thown) is enabled or disabled.
Airbag_01 Airbag_01 Airbag_01	0x040 6 0x040 6 0x040 6	FD 8	40 10	10	0 Application Cyclic  0 Application Cyclic	5	Void SASM_Mastertime_02	7 5 7 6 8 0	1 Cyclic 2 8 Cyclic		255		valid value	200 ms	0 2	54 0 1	10.16	Unit Secon	0.04	0 1	none_display Display_request			Signal to request indication of faults in the system he electric bet look.  Asster time for all ASM transmitters
Arbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		Airbeg_02_CRC	1 0	8 Cyclic	Н			valid value		0 2	55 02	255	0	1			S		or M.B: Calculation see specification "Communication protection for TexRay and CAN"
																								from MQB and MLBevo: Calculation see specification "End-to-End Communication backup" For end values see accompanying document "S-PDU identification
													) }											Inquences sentifier sequence:
Arbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		Airbeg_02_BZ	2 0	4 Cyclic				valid value		0 1:	5 01	15	0	1			S		
Airbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		LoGeWa_Event_Combi_Wamun	2 4	4 OnChange		0		init							0 1 2 3 4	nt Accident Loss of traction Breakdown Obstruction of view	0		sent for combination warning
Arbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		AB_Request_eCall	3 0	1 Cyclic		0		valid value							5 0 1	Aquaplaning no_requirement Request	0	H	rigger for Car2X controller that detected an eCast event teas.
Airbag_02 Airbag_02	0x520 1312 0x520 1312	FD 8	200	20	Application Cyclic     Application Cyclic  O Application Cyclic		AB_impact_side_passenger  AB_Attack_Rollover	3 1	1 OnChange		0		not ready not provided	200 ms						0 1 0 1	no_impact impact_recognized no_impact impact_recognized	0		Transmission of the position of a collision, impact zone Passenger side side Transmission of the position of a collision, rollover detected
Arbag_02 Arbag_02		FD 8	200	20	0 Application Cyclic 0 Application Cyclic		AB_impact_FGS  AB_impact_front_passenger	3 3	1 OnChange		0		not ready not ready	200 ms						0 1 0 1	no_impact impact_recognized no_impact impact_recognized	S		ransmission of the position of a collision, pedestrian protection chaster ransmission of the position of a collision, impact zone front
Airbag_02 Airbag_02	0x520 1312 0x520 1312	FD 8	200	20	0 Application Cyclic 0 Application Cyclic		AB_impact_front_driver  AB_impact_rear_passenger	3 5	1 OnChange		0		not ready not provided	200 ms						0 1 0	no_impact impact_recognized no_impact impact_recognized	S		ressenger ade fransmission of the position of a collision, impact zone front Diver's side fransmission of the position of a collision, impact zone Passenger side rear
Arbag_02 Arbag_02	0x520 1312 0x520 1312	FD 8	200	20	0 Application Cyclic 0 Application Cyclic		AB_impect_rear_driver  AB_winding_flap_row2_M	3 7	1 OnChange 2 OnChange		0		not provided value	t						0 1	no_impact Impact_recognized hot_obstructed	0		ransmission of the position of a collision, impact zone driver's side ear Status wrap-around flap 2nd row center, extra equipment
Arbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		AB_occupancy_VB	4 2	2 Cyclic		0	1	valid value							2 3	not_available error_or_init not_locked Locked not_available	s		
Arbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		AB_Shutdown_SIH_BF	4 4	1 OnChange		0		not provided	t						1 2 3	Error hot, occupied bocupied Normal operation	S		Exameny descrion front passenger. Used in US Control units operated via bladder mat, optional at RdW, JSBE, EuroNCAP is decided.  The occupant detection system on the front passenger side
																				1	Shutdown_requested			the occupant detection system on the front passenger side isompte for the property of the second to the seath heating. The Directoroperature indicates a shutdown of the seath heating. The Directoroperature can occur with bis-impedance shurts of the Jean heating mat as a result of too high resulting Durrent occur.
Airbag_02 Airbag_02	0x520 1312 0x520 1312	FD 8	200	20	Application Cyclic     Application Cyclic     Application Cyclic		AB_impect_side_driver  SC_PAO_Sign_Anf	4 6	1 OnChange 2 OnChange		0		not ready valid value	200 ms						0 1 0 1	no_impact impact_recognized LED off LED on	S		fansmission of the position of a collision, impact zone driver's kide page sepoint for LED "PASSENGER ARBAG" in display Passenger kirbag On Off
Arbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		SC_PAO_ON_Anf	5 0	2 OnChange		•		valid value	200 ms						2 3 0 1	LED fashing reserved LED of LED on	s		Selpoint for LED "ON" in Plassenger Airbag On Off display
Arbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		SC_PAO_OFF_Anf	5 2	2 OnChange		0		valid value	200 ms						2 3 0 1	LED flashing reserved LED off LED on	S		Selpoint for LED "OFF" in display Passenger Airbag OnOff
Arbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		AB_Crash severity	5 4	3 OnChange		•	7	valid value	200 ms						2 3 0 1	LED flashing reserved no_event Crash severity_1	S		fransmission of the crash severity to the gateway (OBDC)
																				2 3 4 5 6	Orash severity_2 Crash, heaviness_3 Crash_heaviness_4 Crash_heaviness_5 Crash severity_2_to_5			
Airbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		AB_Request_USM	5 7	1 Cyclic		0		valid value							0	Error no_requirement Request	S		fagger for Gateway (OBDC) and MBMMI that a USM- Event was detected.
Arbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		AB_belt_lock_FA	6 0	2 OnChange				valid value							0 1 2 3	not, obstructed not, available (error or init) not, plugged plugged	SE		seat be't buckle status driver side
Arbag_02	0x520 1312	FD 8	200	20	0 Application Cyclic		AB_belt_lock_BF	6 2	2 OnChange				valid value							1 2 3	not_obstructed not_available (error or init) not_pigged plugged	SE		Seat belt buckle status passenger side
Arbag_02	ucc20 131:	FD 8	200	20	Application Cyclic      Application Cyclic      Application Cyclic      Application Cyclic		AB_belt_lock_series2_FA	6 4	2 OnChange				valid value							1 2 3	not obstructed not available (error or init) not plugged plugged			Seat belt buckle status 2nd row driver's side, extra equipment  Seit buckle status 2nd row center, extra equipment
Airbag_02	0:520	8	200	25	0 Application Cyclic		AB_belt_lock_series2_MI  AB_belt_lock_series2_BF	6	2 OnChange				valid value							1 2 3	fot, obstructed not, available (error or init) not, plugged blugged not, obstructed	S		Bett buckle status 2nd row center, extra equipment  Sett buckle status 2nd row passenger side, extra equipment
Arban (12	0:520	FD.	200	- 20	() Application - Outline		AB_belt_lock_series3_FA		2 OnChange				valid value							1 2 3	not, constructed not, available (error or init) not, plugged plugged not, obstructed	S F		part bucke status and row passenger side, extra equipment  Seat belt bucke status 3rd row driver's side, extra equipment
Airban (12	0:520		200	20	0 Application Cyclic  0 Application Cyclic		AB_belt_lock_series3_FA  AB_belt_lock_series3_MI	2	2 OnChange				valid value							1 2 3	not, obstructed not, available (error or init) not, plugged plugged not, obstructed	SE		Beat bett buckle status 3rd row driver's side, extra equipment  Beit buckle status 3rd row center, extra equipment
Airbeg 02	0x520 434	FD 8	200	20	0 Application Cyclic		AB belt lock series3 BF	7	2 OnChange				valid value							1 2 3	not, possecued not, available (error or init) not, plugged plugged not, obstructed	S E		per cucice salus sici row ceniar, exizi equipment  Seat belt buckle status 3rd row passenger side, extra equipment
Arbag_02	0x520 434	FD 8	200	20	0 Application   Cyclic		AB_Sitzpos_Sens_FA	8 0	2 Cyclic			1	valid value							1 2 3	not, possible (error or init) not, plugged plugged not available	S		pear Leti COUXXX seaso 3 or low passed get store, extra explained in the court of the court
Arbeg_02	0x520 1312	FD 8	200	20	0 Application Cyclic		AB_Sitzpos_Sens_BF	8 2	2 Cyclic			1	valid value							1 2 3	From Seat not in front Front seat hot available	s		Sulput seating position uniter
																				1 2 3	Error Seat not in front Front seat			

Airbag_02	0x520	1312	FD 8	200	21	0 0	Application	Cyclic	AB_winding_flap_row2_B	8	4 2	OnChange		1	valid value					1	not_ousracea not_available Error_or_init not_locked	0			Status wrap-around 2nd row passenger side, extra equipment
																				2	Locked				
Airbag_02	0-620	1212	En 0	200			Apolication	Oudio	AB_winding_flap_row2_F			OsChango			validuates					o o	not costucied				Status wrap-around 2nd row driver's side, extra equipment
Arbag_02	0.0020	1312		200	2		Application	Cydic	Ab_wilding_lap_low2_r	°	6 2	OnChange			valid value					1 2	not_available Error_or_init not_locked Locked	•			status wrap-arodino zno row driver's stoe, extra equipment
																				3	Locked				
Airbag_eCS_01	0xAF95511		FD 8						void	- 1	0 8														
Airbag_eCS_01	0xAF95511		FD 8	50		0	Application	Cyclic	AB_eCS_Actuator_Test_Serie	es3 2	0 2	Cyclic		0	not ready 200 ms					1	vo_accon Locked Locked Implausible	S E			Signal for actuator test Rear seat in 3rd SR Passenger side
																				2	Implausible				
*** 00 04	0.4505544		F0 0						10.004.4.7.40			0.5			200					9	WI HOU				
Airbag_eCS_01	0xAF95511		FD 8	50		U	Application	Cydic	AB_eCS_Actuator_Test_Serie 	853 2	2 2	Cyaic		ı e	not ready 200 ms					1	ocked Unlocked Implausible	5 E			Signal for actuator test rear seat in 3rd SR driver's side
																				3	,				
Airbag_eCS_01	0xAF95511		FD 8	50		0	Application	Cyclic	AB_eCS_Actuator_test_FA	2	4 2	Cyclic		0	not ready 200 ms						W_actori	S E		+	Signal for actuator test driver's seat
																				2	Locked Unlocked Implausible				
																				3					
Airbag_eCS_01	0xAF95511	munaum)	FD 8	50		0	Application	Cyclic	AB_eCS_Actuator_test_BF	2	6 2	Cyclic		0	not ready 200 ms					1	vo_acion _oked Unlocked mplausble	S E			Signal for actuator test passenger seat
																				2	Implausible				
Airbag_eCS_01	0~4506611		ED 0	60		0	Application	Oudio	AB_eCS_Actuator_Test_Serie	m2 2	0 3	Outlin			not roady 200 ms					0	No_action	0 5			Signal for actuator test rear seat in 2nd SR driver's side
Allag_eco_u1	UAAI 53311		10 0			Ů	Аррисания	Cyuic	-	552 5	0 2	Cyaic			not ready 200 ms					1 2	Locked Unlocked Implausible	3			signal for accusator test real seat in 21to 51% drivers socie
																				3					
Airbag_eCS_01	0xAF95511		FD 8	50		0	Application	Cyclic	AB_eCS_Actuator_Test_Serie	es2 3	2 2	Cyclic		0	not ready 200 ms					0	NO_SCION	S E	++	+	Signal for actuator test Rear seat in 2nd SR Passenger side
																				2	Locked Unicoked Implausible				
																				3					
Airbag_eCS_01	0xAF95511	***************************************	FD 8						void	3	4 4												Ш		
Airbag_eCS_01 ClampControl_01	0xAF95511 0x12DD54FE	***************************************	FD 8	100	10	0 0	Application	Cyclic	ClampControl_01_CRC	4	0 40	Cyclic		0	valid value	0 266	0 255		)				+		FOI WEB.
			"			]	PP	,			Ĭ								ľ						Con WILD.  Calculation see "Communication protection for FlexRay and AM" specification sheet from MQB and MLBevo:
																									or calculation, see "End-to-end communication protection" ipecification sheet
1					1		1		1																For end values see accompanying document "S-PDU identification sequences
																									Cennungsfolge: xx63,0x66,0x76,0x88,0xac,0x40,0xcc,0x19,0x46,0x76,0x29,0xd2 0x9d,0x27,0xd5,0xdf
																									0x9d,0x27,0xd5,0xdf
							1		1																
							1		1																
ClampControl_01	0x12DD54FE	***************************************	FD 8	100	11	0 0	Application	Cyclic	ClampControl_01_BZ	2	0 4	Cyclic	++-	0	valid value	0 15	0 15	+ +	1			++	++	+1	noit miessage countier, wiir de incremented with each send nessage.
ClampControl_01	0x12DD54FE	<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>	FD °	100			Apolication	Cyclic		1 1	4	OnChange	$\bot$		valid value	++		+		U	no_oelective	$\sqcup \sqcup$	$+\!\!+\!\!\!+$	╨	ncremented Jonion Prio Warming Clamp Control
				100	"		, фрисайскі	ojuk	KST_Wam_P1_ZAT_def		1				Value					1	defective				gnition lock defective, visit service!
ClampControl_01	0x12DD54FE	***************************************	FD 8	100	10	0 0	Application	Cyclic	KST_Wam_P2_ZAT_def	2	5 1	OnChange		0	valid value					1	no_oelective defective				gnition lock defective!
ClampControl_01	0x12DD54FE	***************************************	FD 8	100	10	0 0	Application	Cyclic	KST_Deactivation_Trigger	2	6 2	OnChange		0	valid value	+ +		+ +	+	1	NO DEACTIVATION SOCIEDED 0	++	++		Souther or the descrivation ringger for functions were Southye scenario to distinguish between manual and ultiomatic descrivation on vehicle exit
																				2	BEACTIVATION_SWFRIFAEJ_VLK_2				sutomatic deactivation on vehicle exit
ClampControl_01	0x12DD54FE	munauai	FD 8	100	10	0 0	Application	Cyclic	KST_KI_S	3	0 1	OnChange		0	valid value					1	s_contact_on				Ferminal S: S-contact (key inserted)
ClampControl_01	0x12DD54FE	***************************************	FD 8	100	10	0 0	Application	Cyclic	KST_KL_15	3	1 1	OnChange		0	valid value	+-+		-	-	U	IOII	S*	EE	Е	Ferminal 15: Infeed (SW-KI.15)
			50	400																1	8				
ClampControl_01	0x12DD54FE	***************************************	FD 8	100	11	0	Application	Cydic	KST_KI_50_start request	3	2 1	OnChange		0	valid value					1	KL50_a_start_wish_driver				Ferminal 50: Start request driver
ClampControl_01	0x12DD54FE	munana:	FD 8	100	10	0 0	Application	Cyclic	KST_Special_Status	3	3 2	OnChange		0 3	valid value					1	Transition_new_requirement		T	11	erminal, 15 has been requested by them or a transition of special functions takes place.
																				2	Error				pecial iuncuons takes piace.
																				3					
ClampControl_01	0x12DD54FE		FD 8	100	10	0	Application	Cyclic	KST_exit_desire_status	3	5 1	OnChange		0	valid value					1	EXIT_DESIRE_ACTIVE_1				can be triggered centrally.
ClampControl_01	0x12DD54FE	***************************************	FD 8						void	3	6 1												廿		
ClampControl_01	0x12DD54FE	***************************************	FD 8	100	10	0	Application	Cyclic	KST_BulbCheckReq	3	7 1	OnChange		0	valid value				$\neg \top$	1	No_request Request				Signal requests a lamp check (Bulb Check).
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ClampControl_01	0x12DD54FE	***************************************	FD 8	100	10	0 0	Application	Cyclic	KST_driver_advice_3	4	4 1	OnChange		0	valid value	++		+ +	+	,	nacive	$\vdash \vdash \vdash$	++	╅	signaling driver indication 3 or the terminal control to the
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				100	10	0	Application	Cyclic	KST_driver_advice_5	4	6 1	OnChange		0	valid value					1	active		$\Pi$		Display signal for RemoteStart
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ClampControl_01  ClampControl_01  ClampControl_01  ClampControl_01  ClampControl_01  ClampControl_01  ClampControl_01	0x12DD54FE  0x12DD54FE  0x12DD54FE  0x12DD54FE  0x12DD54FE  0x12DD54FE  0x12DD54FE	**************************************	FD 8	100	51	0 0 0	Application  Application	Cyclic Cyclic Cyclic Cyclic Cyclic	void KST_Txt_Panic shuddown void void KST_Anf_Klemmenfreigabe_i		0 2 2 1 3 5 0 1 1 1 1 2 1 1	OnChange  Cyclic		0 0	valid value					1	AUTI AUTI AUTI AUTI AUTI AUTI AUTI AUTI				n.
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ClampControl_01  ClampControl_01  ClampControl_01  ClampControl_01  ClampControl_01  ClampControl_01  ClampControl_01  ClampControl_01  ClampControl_01	0x120054FE  0x120054FE  0x120054FE  0x120054FE  0x120054FE  0x120054FE  0x120054FE  0x120054FE	**************************************	FD 8	100	10 10 10 10 10 10 10 10 10 10 10 10 10 1	0 0	Application  Application  Application  Application	Cyclic Cyclic Cyclic Cyclic Cyclic Cyclic Cyclic Cyclic	rold  KST_TAT_Panic shuddown  rold  KST_Ard_Remmenfreigabe_i  KST_Ard_Remmenfreigabe_i  KST_Ard_Remmenfreigabe_i  KST_SEPAcréleq		0 2 2 1 3 5 0 1 1 1 2 1 3 2 5 1 1	OrChange  Cyclic  OrChange  OrChange		0 0	valid value valid value valid value					1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	COTT  NOT THE PROPERTY OF THE				Territoria cutino requires entirinai resease by six c.v.  In.  In.  In.  In.  In.  In.  In.
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																				2 3	Jemole Slarf Service Slarf Ser				KST_Special_Status) Special function identified
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ClampControl_01	0x12DD54FE	***************************************	FD 8	100	10	0 Application	Cyclic	KST_WFS_Drive_Release_Anfo	7	5 2 OnChange		0	)	v	valid value					1	None Unrestricted Restricted		++		mis is used to signar to the infiniounzer participants which type of drive release is required by the equesting special function
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DIA_eCS_Req	0x17FC4206	***************************************	FD 8			0 TP-ISO	NoMsgSendType			0 64 OnChange					valid value							S* E	17		Diagnostics Request Flashing <sg name=""></sg>
DIA_eCS_Req_FD DIA_eCS_Resp	0x1C404206 0x17FE4206	***************************************	FD 64			0 TP-ISO	NoMsgSendType NoMsgSendType			0 512 OnChange 0 64 OnChange					valid value valid value							S* E	3		Diagnostics Request Flashing eCS Diagnostic response flashing <sg name=""></sg>
DIA_eCS_Resp_FD DIA_RGS_HL_Req	0x1C424206	***************************************	FD 64			0 TP-ISO	NoMsgSendType NoMsgSendType		1	512 OnChange				v	valid value							E* 5	3	$\perp$	Diagnostics Response Flashing eCS Diagnosis Request Flashing RGS_HL
DIA_RGS_HL_Req_FD	0x17FC171E 0x1C40171E	***************************************	FD 64			0 TP-ISO	NoMsgSendType	DIA_RGS_HL_Req_FD_Data	1	0 64 OnChange 0 512 OnChange				v	valid value valid value							S*	E		Diagnosis Request FD RGS_HL
DIA_RGS_HL_Resp DIA_RGS_HL_Resp_FD	0x17FE171E 0x1C42171E		FD 8			0 TP-ISO 0 TP-ISO	NoMsgSendType NoMsgSendType			0 64 OnChange 0 512 OnChange					valid value valid value							E.	S		Diagnostic response flashing RGS_HL Diagnostic response FD RGS_HL
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DIA_RGS_VL_Req DIA_RGS_VL_Req_FD	0x17FC162A 0x1C40162A	***************************************	FD 8			0 TP-ISO 0 TP-ISO	NoMsgSendType NoMsgSendType			0 64 OnChange 0 512 OnChange					valid value valid value							S*	++	E	Diagnosis Request Flashing RGS_VL Diagnosis Request FD RGS_VL
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Diag_eCS_Req_FD	0x1C405206	***************************************	FD 64			0 TP-ISO	NoMsgSendType	Diag_eCS_Req_FD_Data	1	0 512 OnChange					valid value							SE			SO-TP data channel - FID2NA Request function 0x07 Diagnostic access from DK4 master 0 DK1/2 node 0x79
																									o DR1/2 node 0x742' Staginosiic access iluin Drv4 masier
Diag_eCS_Resp_FD	0x1C425206	***************************************	FD 64			0 TP-ISO	NoMsgSendType	Diag_eCS_Resp_FD_Data	1	512 OnChange				v	valid value							E S	3		DUS-Diganose SO-TP data channel - FID2NA
										]															Response DK1/2 node 0x742 to function 0x07 Diagnostic access from DK4 master
Diag_RGS_HL_Req	0x17FC071E	***************************************	FD 8			0 TP-ISO	NoMsgSendType	Diag_RGS_HL_Req_Data	1	0 64 OnChange				v	valid value							S	Е		Diagnostic channel between diagnostic master and RGS_HL
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Diag_RGS_HR_Resp	0x17FE071F	**********	FD 8			0 TP-ISO	NoMsgSendType	Diag_RGS_HR_Resp_Data	1	0 64 OnChange					valid value							E			Diagnostic channel between diagnostic master and RGS_HR
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eCS_01 eCS_01	0xAF95510 0xAF95510	***************************************	FD 8					void void	2	0 8															
eCS_01	0xAF95510	***************************************	FD 8	50		0 Application	Cyclic	eCS_Status	2	2 Cyclic		0	3	-	not ready	200 ms				1	nii Locked Unlocked	E S			interects signerials are status or the wedging tooked or unlocked (magnet stroke on belt locked or unlocked)
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eCS_01	0xAF95510	***************************************	FD 8	50		0 Application	Cyclic	eCS_Stoerung	2	5 1 Cyclic		-	)	-	not ready	200 ms				· ·	None_siperung Interference	E 8			The ecs signals a sporadic lauli or a Communication timeout
eCS_01	0xAF95510		FD 8	50		0 Application	Cyclic	eCS_HW_defect	2	7 1 Cyclic		0		-	not ready	200 ms					no celecive Defect	E S			he eCS signals a HW_defect
eCS_01	0xAF95510	***************************************	FD 8	50		0 Application	Cyclic	eCS_belt_lock_status_row	3	0 2 Cydic		-			not ready	200 ms				<u> </u>	not obstacled	E S			THE ECS SG SERIUS WE SIZEUS OF THE CREDITION, Z.SK DINNER
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eCS 01	0xAF95510		FD 8	50		0 Application	Cyclic	eCS_belt_lock_status_row	3	2 2 Cvdic					not ready	200 ms				3 U	no costoceo	ES			THE ECS SIG SERIUS THE STATUS OF THE CREDIT TOOK 2.5PC
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663_01	WONE SOSTU	***************************************	.5	5.0		or Application	Sydic	eCS_SBS_occupancy_row2_F	3	. Zicyaki		2			not ready	zov IIIs				1 2	not available Short_circuit_to_ground not_cocupied pccupied	E 8			on the airbag SG
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eCS_01	0xAF95510	***************************************	FD 8	50		0 Application	Cyclic	eCS_SBS_occupancy_row2_B	3	S 2 Cyclic		2		1	not ready	200 ms				1	Short_circuit_to_ground not_occupied	ES			Passenger on the airbag SG
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eCS_01 GPA_01	0xAF95510 0xAF954CA	**********	FD 8					void	4	40															
GPA_01	0xAF954CA	***************************************	FD 8					void void	2	0 4							┢┼								
GPA_01	0xAF954CA	***************************************	FD 8	500	10	0 Application	Cyclic	5 GPA_Parking_position_achieved _HL	2	1 OnChangeWithRepetition	5	0	)	v		200 ms				1	Park_position_reached	S	Е		RGS_HL has reached the parking position
GPA_01	0xAF954CA	***************************************	FD 8	500	0 10	0 Application	Cyclic	5 GPA_Parking_position_achieved _HR	2	5 1 OnChangeWithRepetition	5	0			valid value	200 ms				1	Park_position_reached	S	1		RGS_HR has reached the parking position
GPA_01	0xAF954CA	***************************************	FD 8	500	10	0 Application	Cyclic	5 GPA_Parking_position_achieved _VL	2	5 1 OnChangeWithRepetition	5	0	)		valid value	200 ms				1	Park_position_reached	S	$\top$	E	RGS_VL has reached the parking position
GPA_01	0xAF954CA	***************************************	FD 8	500	10	0 Application	Cyclic	5 GPA_Parking_position_achievedVR	2	7 1 OnChangeWithRepetition	5	0	)		valid value	200 ms				1	Park_position_reached	S	+	Е	RGS_VR has reached the parking position
GPA_01	0xAF954CA		FD 8					void	3	0 48											TO YOU	H	Ħ		
KN_Airbag_01	0x17F00015	***************************************	FD 8	500		0 Application	Cyclic	Airbag_01_CompProtection	1	1 Cyclic		0			valid value					1	active	S	$\prod$		Function restriction due to component protection active
KN_Airbag_01	0x17F00015	***************************************	FD 8	500		0 Application	Cyclic	Airbag_01_deactivation stage	1	1 Cyclic		0	)	v	valid value					1	Functional limitation	S	П		Function restriction due to active shutdown stage
KN_Airbag_01	0x17F00015	***************************************	FD 8	500		0 Application	Cyclic	Airbag_01_Transport_Mode	1	2 1 Cydic		0	)		valid value					1	no_resulcuon Functional limitation	S			runction restriction due to active transport mode and/or transport protection
KN_Airbag_01	0x17F00015	***************************************	FD 8	-				void	1	3 1					, , ,						COTTREBUTE TO THE STATE OF THE				THE PERSONNEL TRANSPORT OF THE PROPERTY OF THE PERSON
KN_Airbag_01	0x17F00015	***************************************	FD 8	500		0 Application	Cyclic	Airbag_01_trailing type	1	4 4 Cyclic		2	2	, v	valid value					1 2	Come_after_KL15_AUS Come_at_KL15_AUS	S			The possionity given by the naroware is mapped, o maintain the communication after terminal 15 = OFF. An nit value is sent.
KN_Airbag_01 KN_Airbag_01	0x17F00015 0x17F00015	***************************************	FD 8			0 Application	Cyclic	void  KN_Airbag_01_ECUKnockOutT		0 24 0 6 Cyclic	-				valid value		0	52 062	0	1 63	ECUKnockOut_disabled	S	H		Dutput of the ECUKnockOut timer
KN_Airbag_01	0x17F00015	***************************************	FD 8	500		0 Application	Cyclic	KN_Airbag_01_BusKnockOut	5	6 2 Cyclic		0	)		valid value					1	Yeto active Lunction disabled Lunction disabled	S	+		Dutput of the BusKnockout status
																				2 3	Function_disabled				
KN_Airbag_01	0x17F00015	***************************************	FD 8	500		0 Application	Cyclic	KN_Airbag_01_BusKnockOutTi	6	8 Cyclic					valid value		0 2	254 0254	0	1 255	BusKnockOut_disabled	S	H		Dutput of the BusKnockOut timer
_																									

KN_Airbeg_01	0x17F00015	**************************************	8	500			0 Application	Cydic	NM	/_Airbag_01_Wakeup	0	8 Cydic		0			alid value						1 2 3 4	Ferniery, verancein Catalog, for Committee Sign, Wagging Seat Company detection_driver Seat belt buckle detection_driver	0			consarts are wave-up cause, in serie are serveral wave-up causes in parallel, then the smallest value must be transmitted
KN_Airbag_01	0x17F00015	########F	) 8	500			0 Application	Cyclic	KN,	I_Airbag_01_ECUKnockOut	3 0	2 Cydic		0			valid value						1 2 3	rundiur, nuc, resureu Veto, was, active Function, disabled Function, disabled	S	Ħ		Dulput of the ECU knockout status
KN_Airbag_01 KN_Airbag_01	0x17F00015	#######F	) 8	500			0 Application	Outlic	voic	d I_Airbag_01_DiagPath	3 2	2 1 Ourlie					ouler biles						U	active		廿		manking or the diagnostic capability or the bos interface or a
	<b>WALL</b>						, approximation	o,u.				. 0,000											1	nactive				Spring right prices () Scope  4 H 50 12 /   5 be set exploitly sep connected Businiterface Machine Issue The solice: MCBm; Baseline on F-CANFD 1 = 0 (active)
KN_Airbag_01 KN_Airbag_01	0x17F00015 0x17F00015	######## FI	8	500			0 Application	Cyclic	voic	d bag_01_KD_error	5 3 7	2 1 Cyclic		0		-	ralid value							NO KD BIIO	S	$\blacksquare$		rine ours sec acleast one customer service error
KN_RGS_HL	0x17F000F9		) 16	500			0 Application	Cyclic		SS_HL_CompProtection		1 Cyclic		0			not provided						1	KD_error macrive	Ш	4	44	egistered  Function restriction due to component protection active
			10	500				Outio				4 Outie		ľ			or provided						1	active	Щ	الله	<b>_</b> '	
KN_RGS_HL	0x17F000F9	**************************************	) 10	500			0 Application	Cydic		SS_HL_shutdown stage		1 Cydic		Ů			not provided						1	Functional limitation	Ш	ı o		Function restriction due to active shutdown stage
KN_RGS_HL	0x17F000F9	**************************************	) 10	500			0 Application	Cydic	RG	SS_HL_Transport_Mode		Loyaic		U			not provided						1	Functional limitation	Ш	ı o		and/or transport protection
KN_RGS_HL KN_RGS_HL	0x17F000F9 0x17F000F9	######## F	) 16 ) 16	500		-	0 Application	Cyclic	RG	d SS_HL_trailing type	4	4 Cyclic		2		+	not provided			+				Come after KL15 ALIS	$\vdash$	0		ne possowy gwen by sile natuwale is mapped, o maintain the communication after terminal 15 = OFF. An int value is sent.
																							2	Come_at_kt_15_AuS	1			nit value is sent.
KN_RGS_HL	0x17F000F9	########F	) 16	500			0 Application	Cyclic	RG	SS_HL_SNI_10	2 0	10 Cyclic		24	9	$\perp$	valid value						249	RGS_HL_SNI	$\vdash$	-	44'	Source recogniser (SNI) Identifies the sender of the NNH.
KN_RGS_HL	0x17F000F9	#######F	) 16	500			0 Application	Cyclic		L_RGS_HL_ECUKnockOut	3 2	2 Cvdic		0			valid value 200 ms						U	Function not resolved	Н	s	<b></b>	Message (node address) unique in the vehicle  Dutput of the ECU knockout status
			46																				1 2 3	Veto was active Eurotion disabled Function_disabled	Ш			
KN_RGS_HL KN_RGS_HL	0x17F000F9 0x17F000F9	####### FI	) 16	500	_	-	0 Application	Cyclic	voic	d GS_HL_Local active	3 5	1 Cyclic		0	+	+I	valid value		_					was_noc_local_active	+	0	+	Muladas whether the SC is switched OPP after terminal 15 and
KN_RGS_HL	0x17F000F9	#######F	) 16	500	-	-	0 Application	Cyclic	RG	SS_HL_Subsystem active	3 6	1 Cyclic	$\vdash$	0	+	+	valid value				+		0	was_local_active	${m H}$	10	++'	corresponding MAX active time was still active guidates whether a subsystem or the SG after terminants or P
					1																		1	was_localactive	$I \perp$			was still active after corresponding MAX active time
KN_RGS_HL	0x17F000F9	#######F	16	500			0 Application	Cyclic	RG	SS_HL_KD_error	7	1 Cyclic		0			not provided						1	rio_kb_error KD_error	П	0		
KN_RGS_HL	0x17F000F9	####### F	) 16	500			0 Application	Cyclic	KN	L_RGS_HL_ECUKnockOutTi	0	6 Cyclic		0		$\top$	valid value 200 ms	0 62	2 0.	62	0	1	1 63	ECUKnockOut_disabled	厂	S	$\top$	Dutput of the ECUKnockOut timer
KN_RGS_HL	0x17F000F9	####### FI	16	500			0 Application	Cyclic	KN	I_RGS_HL_BusKnockOut	6	2 Cyclic		0		T	valid value 200 ms						1	ranciar_no_resavea Veto_active cunction_disabled runction_disabled	H	s	TT	Dutput of the BusKnockout status
																							3		Ш			
KN_RGS_HL KN_RGS_HL	0x17F000F9 0x17F000F9		16	500			Application     Application     Application	Cyclic		LRGS_HL_BusKnockOutTim	0	8 Cyclic		0			valid value 200 ms	0 25	54 0.	254	0	1	1 255	BusKnockOut_disabled		S		Dutput of the BusKnockOut timer  FCIB = Function Cluster Initialization Bits
RNLFGS_HL	0x17F000F19		) 18								8 0 :												22 128 128 128 128 128 128 128 128 128 1	Carvijasel Jp.  Bergerinden Dengeringing  Bergerinden Dengeringing  Bergerinden Dengeringing  Bergerinden Dengeringing  Bergerinden Dengeringing  Bergerinden Dengeringing  Bergerinden Dengerinden Dengeringing  Bergerinden Dengerinden				
KN_RGS_HR	0x17F000FA	######## F	16	500			0 Application	Cyclic	RG	SS_HR_CompProtection	0	1 Cyclic		0			not provided						1	nacove active		0		Function restriction due to component protection active
KN_RGS_HR	0x17F000FA	<i></i>	16	500			0 Application	Cyclic	RG	SS_HR_shutdown stage	1	1 Cyclic		0			not provided						1	no resulcion Functional limitation	H	-		Function restriction due to active shutdown stage
KN_RGS_HR	0x17F000FA	####### F	16	500			0 Application	Cyclic	RG	GS_HR_Transport_Mode	2	1 Cydic		0			not provided						1	no_resulction Functional limitation		-		runcion resincion que lo active transport mode Ind/or transport protection
KN_RGS_HR	0x17F000FA	####### FI	) 16						voic	d	3	1																
KN_RGS_HR	0x17F000FA	######################################	16	500			0 Application	Cyclic	RG	SS_HR_trailing type	4	4 Cyclic		2			not provided						1 2	Come_ate_KL15_AUS Come_ate_KL15_AUS				THE DISSIDITY JUNES OF HIS RELOVATE IS TRESCHOOL  O maintain the communication after terminal 15 = OFF. An nit value is sent.
KN_RGS_HR	0x17F000FA	#######F	16	500			0 Application	Cyclic	RG	SS_HR_SNI_10	2 0	10 Cyclic		25	0		ralid value						250	RGS_HR_SNI	$\Pi$			source rvode-identifier (SWI) Identifies the sender of the RWF.  Message (node address) unique in the vehicle
KN_RGS_HR	0x17F000FA	########F	16	500			0 Application	Cyclic	KN	I_RGS_HR_ECUKnockOut	3 2	2 Cyclic		0			valid value 200 ms						1 2 3	runcion_no_resolwed (/eto_was_active _cunction_disabled Function_disabled		5		Dulput of the ECU knockout status
KN_RGS_HR	0x17F000FA	####### F	) 16				0146		voic	d	4	1												was nociocal active	世	Ш,		THE SHAN WISHING THE NAME OF COMMUNICATIONS
KN_RGS_HR	0x17F000FA	####### F	16	500			0 Application	Cyclic		SS_HR_Local active	5	1 Cydic		0			alid value						1	was_local_active		$\prod$		Wicheld of aller in the SG is switched OFF after terminal 15 and corresponding MAX active time was still active
KN_RGS_HR	0x17F000FA	<i>munnin</i> Fi	) 16	500			0 Application	Cyclic	RG	SS_HR_Subsystem active	6	1 Cyclic		0			valid value						1	Subsystem_was_not_ocary_active was_localactive				Agricates whether a subsystem or the 3G after terminal is OPF
KN_RGS_HR	0x17F000FA	####### F	) 16	500			0 Application	Cyclic	RG	SS_HR_KD_error	7	1 Cyclic		0			not provided						1	KD_error	П	-		
VN DCC UD			16	500		_	0 Application	Cyclic	KN	L_RGS_HR_ECUKnockOutTi	0	6 Cyclic		0			valid value 200 ms	0 62	2 0.	62	0	1	1 63	ECUKnockOut_disabled	什	$\forall$		Dutput of the ECUKnockOut timer
KN_RGS_HR	0x17F000FA	**************************************	, I .																									
KN_RGS_HR	0x17F000FA 0x17F000FA	**************************************	) 16	500			0 Application	Cydic		L_RGS_HR_BusKnockOut	1 6	2 Cyclic		0			valid value 200 ms						0 1 2 3	Punction_noc_resolved  Veto_active_curvion_disabled  Function_disabled		Ħ		Dutput of the BusKnockout status
		**************************************	) 16	500				Cyclic	KN,	L_RGS_HR_BusKnockOut	6	2 Cyclic 8 Cyclic		0			valid value 200 ms	0 25	54 0.	254		1	1 2 3	runcum_no_resouveu  kelo_achive_ eundon_desabled eundon_desabled eundon_desabled  BusKnockOut_disabled		5	3	Dulput of the BusKnockout status  Dulput of the BusKnockOut timer

ROLPOS JAR  ROLPOS JAR  ROLPOS JAR	0x17F000FA  0x17F000FA 0x17F000FA	manus.	FD 16	500	O Application  O Application	Cyclic	NM_RGS_HR_FOR	sidon	13 0	56 Kydic  Signature Signat				not provided					6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Carrolado Paparetra  Carrolado				OB = Function Cluster Installization Bits  UB = Function Cluster Installization Bits
KN_RGS_VL	0x17F0005E	***************************************	FD 16	500	Application	Cydic	RGS_VL_comprise		1 1	1 Oydic			+[	not provided					1	active		$\bot$	0	Function restriction due to active shutdown stage
KN_RGS_VL	0x17F0005E		FD 16	500	Application	Cyclic	RGS_VL_Transport_		1 2	1 Cydic	ļ.		+	not provided					1	Functional limitation	$\sqcup$	+	0	runction restriction due to active transport mode
KN_RGS_VL	0x17F0005E	***************************************	FD 16				void		1 3	1	+		4		1				1	Functional limitation	$\sqcup$	$+\!\!+$	+	and/or transport protection
KN_RGS_VL	0x17F0005E	***************************************	FD 16	500	0 Application	Cyclic	RGS_VL_trailing edg	type	1 4	4 Cyclic	2			not provided	1				1 2	Come_at_KL15_QIV Come_at_KL15_AUS Come_at_KL15_AUS			0	The possibility given by the hardware is mapped, o maintain the communication after terminal 15 = OFF. An nit value is sent.
KN_RGS_VL	0x17F0005E	***************************************	FD 16	500	0 Application	Cyclic	RGS_VL_SNI_10		2 0	10 Cyclic	9	4	+	valid value					94	RGS_VL_SNI	${\mathsf H}$	++	0	source vidue-identifier (SNI) identifies the serider of the NNI.  Message (node address) unique in the vehicle
KN_RGS_VL	0x17F0005E		FD 16	500	0 Application	Cyclic	KN_RGS_VL_ECUK	nockOut	3 2	2 Cyclic	0			valid value	200 ms				0 1 2 3	Puncion no resuved Veto was active Europon disabled Fundion_disabled	$\dagger$	$\dagger \dagger$	S	Dutput of the ECU knockout status
KN_RGS_VL	0x17F0005E	***************************************	FD 16				void		3 4	1												$\pm \pm$		
KN_RGS_VL KN_RGS_VL	0x17F0005E 0x17F0005E	***************************************	FD 48	500	Application     Application	Cyclic	RGS_VL_Local activ		3 5	1 Cyclic			[	valid value valid value					1	was_not_local_active was_local_active subsystem_was_not_locaty_active		$\coprod$	U O	corresponding MAX active time wasstill active
			16	330															1	was_localactive				vas still active after corresponding MAX active time
KN_RGS_VL	0x17F0005E	***************************************	FD 16	500	Application     Application	Cyclic	RGS_VL_KD_error KN_RGS_VL_ECUK	ookΩu#Ti	3 7	1 Cyclic	0			not provided	1200 ms		2 0 62		1	KD_error ECUKnockOut_disabled			0	Dutput of the ECUKnockOut timer
KN_RGS_VL KN_RGS_VL	0x17F0005E 0x17F0005E		FD 16	500	0 Application	Cyclic	KN_RGS_VL_ECUK		4 6	6 Cydic 2 Cydic			$\perp \downarrow$	valid value valid value	200 ms		- 0		. 0	Function_noc_resolved		$\bot \bot$	s	Dutput of the BusKnockout status
	D-13F2-0-2-									0.045									2 3	Veto, active curvator disabled Function_disabled				
KN_RGS_VL KN_RGS_VL	0x17F0005E 0x17F0005E	***************************************	FD 16	500	Application     Application	Cyclic	KN_RGS_VL_BusKr NM_RGS_VL_FCIB		5 0	8 Cyclic					200 ms	V 72	54 0254	U	255	BusKnockOut_disabled		$\prod$		Dutput of the BusKnockOut timer  FCIB = Function Cluster Initialization Bits
NO, PASS_VL	0x17+0006E		FD 16		0 Application	Cydic	NM_Nus_vi_Fuls		13 0	58 Oydic				rovided					1 2 4 8 8 16 52 2 4 128 2 2 4 128 2 2 4 128 2 2 5 12 102 4 128 2 2 5 12 102 4 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2 128 2	Selection of the control of the cont				
KN_RGS_VR	0x17F0005F	***************************************	FD 16	500	0 Application	Cydic	RGS_VR_CompProt	ction	1 0	1 Cyclic	0			not provided					1	active				Function restriction due to component protection active
KN_RGS_VR	0x17F0005F	***************************************	FD 16	500	0 Application	Cyclic	RGS_VR_shutdown	tage	1 1	1 Cyclic	0			not provided					1	no_resinction Functional limitation				Function restriction due to active shutdown stage
KN_RGS_VR	0x17F0005F	***************************************	FD 16	500	0 Application	Cyclic	RGS_VR_Transport	Mode	1 2	1 Cyclic	0			not provided					1	no_resinction Functional limitation			0	runction restriction due to active transport mode and/or transport protection
KN_RGS_VR KN_RGS_VR	0x17F0005F 0x17F0005F	***************************************	FD 16	500	0 Application	Cyclic	void RGS_VR_trailing typ		1 4	4 Cyclic	2			not provided					1 2	Come atter KL15 AUS Come atter KL15 AUS			0	The pussuinty given by the transvarie is mapped, o maintain the communication after terminal 15 = OFF. An fit value is Serit.
KN_RGS_VR	0x17F0005F	***************************************	FD 16	500	0 Application	Cyclic	RGS_VR_SNI_10		2 0	10 Cyclic	9	6		valid value					96	RGS_VR_SNI	$\perp$	+	0	source recognitiver (SMI) identifies the sender of the rews.
KN_RGS_VR	0x17F0005F	***************************************	FD 16	500	0 Application	Cyclic	KN_RGS_VR_ECUM	nockOut	3 2	2 Cyclic	0			valid value					U 1	runcion_noc-resowed Veto_was_active cuncion_disabled cuncion_disabled	$\mathbb{H}$	+	S	Message (node address) unique in the vehicle  Dutput of the ECU knockout status
KN_RGS_VR	0x17F0005F	***************************************	FD 16				void		3 4	1									3	Function_disabled				
KN_RGS_VR	0x17F0005F	***************************************	FD 16	500	0 Application	Cyclic	RGS_VR_Local activ	9	3 5	1 Cyclic	0			valid value					1	was_nocjocar_active was_local_active			0	orresponding MAX active time wasstill active
KN_RGS_VR	0x17F0005F	**********	FD 16	500	0 Application	Cyclic	RGS_VR_Subsystem	active	3 6	1 Cyclic	0			valid value					1	subsysiem_was_nocjocany_active was_localactive			0	corresponding MAX active time was still active receases wherein a subsystem of the Social terminal is OFF  as still active after corresponding MAX active time
																								and delive united

KN_RGS_VR	0x17F0005F	***************************************	# FD	16 500	0		0 A <sub>l</sub>	pplication	Cyclic	RG	SS_VR_KD_error		3 7	1 Cydic		0	not pro	vided						U	IIO_KD_BIIO			0	
KN_RGS_VR	0x17F0005F		#FD	16 500	0		0 A <sub>l</sub>	pplication	Cyclic		L_RGS_VR_ECUKnockOu	ıTi iTa	4 0	6 Cyclic		0	valid v	alue	0	62 0	62	0	1	63	KD_error ECUKnockOut_disabled	++	+	S Dur	utput of the ECUKnockOut timer
KN_RGS_VR	0x17F0005F	***************************************	₹FD	16 500	0			pplication	Cyclic		I_RGS_VR_BusKnockOut		4 6	2 Cyclic		0	valid v							1 2	Puncion_no_resowed Veto_active cunction_disabled cunction_disabled				utput of the BusKnockout status
KN_RGS_VR	0x17F0005F	************	#FD	16 500	0		0 A <sub>1</sub>	pplication	Cyclic	KN	I_RGS_VR_BusKnockOut	tīi	5 0	8 Cyclic		0	valid v	alue	0	254 0	254		1	3 255	BusKnockOut_disabled		$\perp \perp \downarrow$	S Dur	stput of the BusKnockOut timer
ROL RGS_VR	047790005	MARCH 1		16 500			ů Av		Oyelia		LRGS_VR_FCB			SC Cyclic			not pro	idded						2 2 4 8 8 8 16 5 22 6 6 16 16 16 16 16 16 16 16 16 16 16 16	13. CarWield D. Powerfrain  24. Carwineld D. Powerfrain  25. Carwineld D. Powerfrain  26. Carwineld D.			o c	8 - Function Cluster Infinitization Bits
KN_RGS_VR	0x17F0005F	*********	FD	16						VO	d		13 0																
NM_Airbeg NM_Airbeg	0x1B000015 0x1B000015	***************************************	FD	24 200	0 20	10	0 N	MH	IfActive	3 Nh	d I_Airbag_01_CBV_AWB		1 4	1 NoSigSendType		0	valid v	slue						1	rassive_watkicup Active_WakeUp	S		nas ) = net	e signal is a Diet seit witwill hier Scil alchreig waters by ann bus in page sie. WakeUp = SG did not actively wake up the Active_WakeUp = SG has actively woken up the network.
NM_Airbag	0x1B000015 0x1B000015	*********		24		40	0.00	MH	10 -6	voi	d		1 5	1											NW_WINOU_clasier_requirements				e signal is permanently set when the rvivilayout Clusier.
NM_Airbeg				24 200	الم	10	UNI	eren 1	IfActive		/_Airbag_01_CBV_CRI		. 6	1 NoSigSendType			valid v	suc						1	NM_with_cluster_requirements			Rei	equirements contains
NM_Airbeg NM_Airbeg	0x1B000015 0x1B000015	*********		24 200	20	10	0 N	MH	IfActive	voi 3 NN	d //_Airbag_01_FCAB	+	1 7	1 56 OnChangeWithRepetitio		0	valid v	alue	+					0	III. 01 CarWakelin	S I	EE	E C	AB = Function Cluster Active Bits
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NM_Airbag NM_RGS_HL	0x1B000015 0x1B0000F9	***************************************		24						v	oid oid		4														
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M_RGS_VR	0x1B00005F	***************************************	FD	24 200	20	10	0 NMH	н к	ffActive		M_RGS_VR_CBV_AWB	1	4 1 NoSigSendType		0	valid va	UB				1	rasave_vraneup Active_WakeUp			S	as signal is to be set when the GC actively waste up the codese = Pagaire, WasteUp = SG did not actively waste up the elevorik.  I = Active_WasteUp = SG has actively woken up the network.
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Column   C	NVEM_12	0x237	567	FD	12 10	00		0 /	Application	Cyclic	A	IVEM_DC_uSoll_NV	5 0	8 Cyclic			116	255	valid value	200 ms 0	216	10.	l.6 16	Unit_Volt	10.6 0.025	255	Error				Set voltage 12V side of DC converter, fine resolution
Company	NVEM_12	0x237	567	FD	12 10	00		0 /	Application	Cyclic	4	IVEM_DC_ISoIL_NV	6 0	8 Cyclic			254	255	valid value	0	253	-25	53 0 L	Unit_Amper	-253 1	254 255	Emor				arget discharge current 12V side of DCDC converter
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Column   C																										1	Parking heater/ventilation cannot be activated				witch on The parking heater does not have to switch off, however, but m controle to burn).
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2	NVEM_12	0x237	567	FD	12				.,			oid	10	2												1	Shutdown_SCR				critical conditions.
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RGS_HL_01	0x217	576	FD	16	500	10	10 (	0 Application	Cyclic		RGS_HL_Current	8	1 8	IfActive		254 2	55	not ready	200 ms	1 :	253	0.2 50.6	Unit_Amper	0	02	inacive	E	S		RGS rear left transmits current value to Safety Computer.
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RGS, HL, 01	O o	217	539 FD	16 50	300 100	10 1	O Application  O Application	Oyelic Oyelic		RGS, HL_Status  RGS, HL_Max_NGU_ZyMenfels*	9	1 5	BAchve		1		To a second	liid value	200 ms					1 1 2 3 4 5 6 6 7 7 8 9 9 10 11 12 13 14 15 16 17 18 19 19 19 12 12 12 12 12 12 12 12 12 12 12 12 12	Color stare	E		Re	seponse from RGS HL as to which action will be taken.
RGS_HL_01	Ox	217	535 FD	16 50	00 10	10	0 Application	Cyclic		RGS_HL_Max_P2P_cycle_error	9	7 1	IfActive		1		Va	ilid value						1	Error_not_active	0		-	ght cycles for NGU is achieved  le NGS transmits to the airbag that the maximum number of
RGS_HL_01	Ox	217	535 FD	16 50	00 10	10	0 Application	Cyclic		RGS_HL_EEPROM_RAM_RO	10	0 1	IfActive		1		Vē	elid value	200 ms					1	Error_not_active error_not_active Error_not_active	E S		40	ght cycles for Push2Pass is reached.  35 real rent vanishins a  EPROM_RAM_ROOM_error to the Safety Computer
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RGS_HL_01 RGS_HR_01	0x	217 21B	535 FD	16						void	11	0 48																	
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RGS_HR_01	Ox	21B	539 FD	16 50	00 10	10	0 Application	Cydic	$\vdash$	RGS_HR_no_strengthening_Unt	5		Cyclic	-+	+ +		inc	ot ready	200 ms	$\vdash$	+	f		4095	Emor not active	E	S	-	so rear right unnames to the Gallety Computer stat.
<u></u>				Ш				<u> </u>													<u> </u>				Error_not_active		Ш		tightening is possible due to undervoltage.
RGS_HR_01		21B	539 FD	16 50	10	10	0 Application	Cydic		RGS_HR_not_programmed	5	3 1	Cyclic						200 ms					1	Error_not_active	E	S	10	penalty curves are programmed
RGS_HR_01		21B	539 FD	16 50	00 10	10	0 Application	Cyclic		RGS_HR_Ubertemperatur_en	5		Cydic				no		200 ms					1	Error_not_active	E	S	RO	3S real right transmits to the Salety Computer that 3S is defective due to a temperature error.
RGS_HR_01		21B	539 FD	16 50	10	10	Application     Application	Cyclic		RGS_HR_Component error	5	5 1	Cydic				no		200 ms					1	Error_not_active	E	S	20	on real right danishins a component error to the Salety  Imputer.  So real mont danishins to the Salety Component hat
RGS_HR_01		21B 21B	539 FD 539 FD	16 50	ω 10 <b>0</b>	10	Application     Application	Cyclic		RGS_HR_no_streamlining_Ueb	5	7 1	Cyclic		1			-	200 ms 200 ms					1	Error_not_active	E	S	TO THE	25 real right dansmis to the Salety Computer that tightening due to overtension is possible.
							1			• 1									ļ					1	Error_not_active			Do	omputer when the maximum tightening cycles are reached.
RGS_HR_01	Ox	21B	539 FD	16 50	00 10	10 (	0 Application	Cydic		RGS_HR_Temp	6	0 8	Cydic		2	54 255	inc	ot ready	200 ms	0 253	-40 86.5	oni_begreces	-40	0.5 254 255	ens Error	E	S	20	os rearingni, transmits temperature to the salety omputer.
RGS_HR_01 RGS_HR_01		21B 21B	539 FD 539 FD	16 16 50	00 10	10	0 Application	Cyclic		void RGS_HR_Undervoltage	7	0 1	Cydic				inc	ot ready	200 ms					U	Enor_active	E	S	10	50 real right sanishints undervoltage error to sie
RGS_HR_01	Ox	21B	539 FD	16 50	00 10	10	0 Application	Cydic		RGS_HR_Max_train_cycle_error	7	2 1	Cyclic				inc		200 ms			1		1	Error_not_active	E	s	40	afety Computer. 35 Tear right transmits an error to the Salety
							1												ļ					1	Error_not_active				omputer when the maximum tightening cycles are reached.
RGS_HR_01	Ox	21B	539 FD	16 50	00 10	10	0 Application	Cydic		RGS_HR_Max_Haptic_cyclesfe	7	3 1	Cyclic		1		Wa	ilid value	200 ms					1	Error_not_active	E	S	Str	rain cycles for haptics is reached
RGS_HR_01	Ox	21B	539 FD	16 50	00 10	10	0 Application	Cydic		RGS_HR_Crash shutdown	7	4 1	Cydic				inc	ot ready	200 ms					1	Error_not_active	E	S	515 500 600	3S has aborted the tightening process due to a ash event.
RGS_HR_01	Ox	21B	539 FD	16 50	00 10	10	0 Application	Cyclic		RGS_HR_Overvoltage	7	5 1	Cydic				inc	ot ready	200 ms	$\vdash \vdash$		-		U	Enror and active	E	s		35 Tear right transmits overvoltage error to tre
RGS_HR_01	Ox	21B	539 FD	16 50	00 10	10	0 Application	Cyclic	+	RGS_HR_Motor error	7	6 1	Cyclic		1		inc	ot ready	200 ms		+	1		1 0 4	Error_not_active error_not_active Error_not_active	E	S	10	afety Computer. 35 rear right transmits a motor error to the Salety computer.
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RGS_HR_01	Ox	21B	539 FD	16 50	00 10	10	0 Application	Cydic		RGS_HR_InPos	8	0 1	Cyclic		0		inc	ot ready	200 ms					1	In_Position	E	S	Stu	ne KGS sets unis signar when the immate is alter art driving to a "normal" position sits quietly (no more belt oseness)
RGS_HR_01	Ox	218	539 FD	16 50	00 10	10	Application	Cyclic		RGS_HR_Current	8	1 8	IfActive			54 255	no	ot ready	200 ms	1 253	0.2 50.6	Unit_Amper	0	0.2 254 255	macove int error	E	s	20	55 rear right transmits corrent value to the Salety Impuler.
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1100_1110_01	INVER I	530 ED	16 500	10 10	ΠΔηηlication	Cyclic		RGS_HR_EEPROM_RAM_RO	10 0	1 IfActive	т т	- 1		lvalid value	200 ms		1	1		U	critor_active	E	- 8		KGS rear right transmits a
	0.215	33510	300	10 10	О Аррисани	Oyun		NGS_II(_EEFNOII](ANI)(O	10 0	Tillreave				valid value	200 118					1	Error_not_active				EEPROM_RAM_ROOM_error to the Safety Computer
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RGS_VL_01 RGS_VL_01	0x3D8 5		16					void		4		+											-	+	
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RGS_VL_01	0x3D8	ORM FD	16 500	10 10	0 Application	Curlic		RGS_VL_not_programmed	5 3	1 Oxelic				not ready	200 ms					1	Error_not_active	F	$\sqcup$		lightening due to undervoltage is possible.
		50415	10 300	10 10		Cyaic			3 3	Toyak				not ready	200 118					1	Error_not_active	-		3	o penalty curves are programmed
RGS_VL_01	0x3D8	984 FD	16 500	10 10	0 Application	Cydic		RGS_VL_Ubertemperatur_def	5 4	1 Cyclic		1		not ready	200 ms					1	Error_not_active	E		S	a defective due to a temperature error.
RGS_VL_01	0x3D8	984 FD	16 500	10 10	0 Application	Cydic		RGS_VL_Component error	5 5	1 Cyclic		1		not ready	200 ms					1	enor_active Error_not_active	Е		S	RGS VL transmits a component fault to the Safety Computer.
RGS_VL_01	0x3D8	984 FD	16 500	10 10	0 Application	Cyclic		RGS_VL_noTighteningUebers	5 6	1 Cyclic	1	1		not ready	200 ms						enor acive	E	++	S	tos real left danishins to the Salety Computer that
																				1	Error_not_active				to tightening due to overtension is possible.
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																				1	Error_not_active				he maximum tightening cycles have been reached.
RGS_VL_01	0x3D8	984 FD	16 500	10 10	0 Application	Cyclic		RGS_VL_Temp	6 0	8 Cyclic		254	255	not ready	200 ms 0	253	-40 86.5	Unic Deglecels	-40 0.5	234	DIK	Е	+	S	RGS VL transmits temperature to the Safety Computer.
RGS_VL_01	0x3D8 !	984 FD	16					void	7 0	1										255	Error	_	++	+	
RGS_VL_01	0x3D8	984 FD	16 500	10 10	0 Application	Cyclic		RGS_VL_Undervoltage	7 1	1 Cyclic		1		not ready	200 ms					U	cnor_active	Е	++	S	KGS VL transmits undervoltage error to the Salety
RGS_VL_01	0x3D8	984 FD	16 500	10 10	0 Application	Cyclic		RGS_VL_Max_train_cycle_error	7 2	1 Cyclic		1		not ready	200 ms					1	Error_not_active	F	++	s	Computer.
				10	- pproduct	2,2.3		ayaa_aadi						,						1	Error_not_active				he maximum tightening cycles have been reached.
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		004 FD	40 000	10						10.05										1	Error_not_active		Ш		Strain cycles for haptics is reached
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PGS VI 04	0/308	ORM ED	16 500	10 40	0 4	Colle		PGS VI gupanitan	7	1 Ourlie				not made	200 ms					U	Enor_acave	E	Щ		NOS real lett transmits overvollage error to the
RGS_VL_01	0x3D8	304 FD	10 500	10	0 Application	Cyaic		RGS_VL_overvoltage	7 5	Loyaic				not ready	200 ms					1	Error_not_active	_		5	Safety Computer.
RGS_VL_01	0x3D8	984 FD	16 500	10 10	0 Application	Cydic		RGS_VL_Motor error	7 6	1 Cyclic		1		not ready	200 ms					1	Error_not_active	Е		S	RGS VL transmits a motor error to the Safety Computer.
RGS_VL_01	0x3D8	984 FD	16					void	7 7	1													H		
RGS_VL_01	0x3D8	984 FD	16 500	10 10	0 Application	Cydic		RGS_VL_InPos	8 0	1 Cyclic		0		not ready	200 ms					1	In_Position	Е		S	The RGS sets this signal when the inmate is alier Start driving to a "normal" position sits quietly (no more belt poseness)
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DCC VI 04	0x3D8	084 ED	16 500	10	0 4 5	0.45		DCC W Onto	0	E Hactive				undi di cat	200 m					255	no acion	-	Щ		Response from RGS VL, which action will be carried out.
RGS_VL_01	0x3D8	984 FD	16 500	10 10	0 Application	Cyclic		RGS_VL_Status	9 1	5 ItActive		31		valid value	200 ms					1	Tightening 1 Tightening 2 Lightening 3 Tightening 4	E		S	Response from RGS VL, which action will be carried out.
																				7 8 9 10 11 12 13 14 15	Enteriors 12 Company 14 Company 1				
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RGS, VL, OI	0:308	984 FD	16 500	10 10	0 Application	. Cydic		RGS VL_Max.NGU_Zykenleh	9 6	1 Miche				not ready	200 ms					17 18 19 20 21 22 22 23 24 25 26 27 28 29 30 31	ano anno	Е		S	THE WAS TREATING OF THE MINUS FOR THE INSERTION HUMBER OF
	0x308	984 FD	16 500 16 500	10 10 10 10	O Application O Application			RGS, VL, Max, NGU, ZyMerfeh RGS, VL, Max, PSP, cycle, amor	9 6	Miche  Withe		1		not ready valid value	200 ms					17 18 19 20 21 22 22 22 25 26 27 28 29 30 31	enor, acono Enor, pu, puchos Enor, enor	E		S	fight cycles for NGU is achieved The RGS transmiss to the arroad that the maximum number or
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RGS_VL_01  RGS_VL_01  RGS_VL_01  RGS_VL_01  RGS_VL_01  RGS_VL_01  RGS_VL_01	0x3D8 : 0x3D8 : 0x3D8 : 0x3D8 : 0x3D8 :	985 FD		10 10 10 10 10 10 10 10 10 10 10 10 10 1	Application     Application	Cydic Cydic		RGS_VL_Max_P2P_cycle_error RGS_VL_EEPROM_RAM_RO  void  void  void  void	11 0	1 (SActive  1 (SActive  7 7  46 8  8			1021	valid value	200 ms	1001	2550 2550	ORLEGISCON	2555 5	17 18 19 20 21 22 22 23 24 25 26 27 28 29 3 30 31 1 0 1 1 0 1 1 0 0 1 1	ento acore Ento, colo cirche Ento, pol, ciche Ento, pol, ciche Ento, pol, ciche Ento, pol, ciche				Tight cycles for NGU isachieved  THE POSS MATISMITS TO THE ARCHAUTH HEAVENDAM THOMOGRAPH  Tight cycles for Push2Pass is reached.  ROSS MOTHER MATISMITS A
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RGS_VL_01 RGS_VL_01 RGS_VL_01 RGS_VL_01 RGS_VR_01 RGS_VR_01 RGS_VR_01 RGS_VR_01	0x308 : 1 0x308 : 1 0x308 : 1 0x308 : 1 0x309 : 1 0x309 : 1 0x309 : 1	985 FD	16	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Application     Application     Application     Application     Application     Application	Cydic Cydic Cydic Cydic		RGS_VI_Max_P2P_cycle_arror RGS_VI_EEPROM_PAM_RO void void void RGS_VR_belt speed RGS_VR_belt pulout	11 0	1 Miche 1 Miche 1 Miche 2			1023	valid value  valid value  valid value  not ready	2000 ms 1 1 2000 ms 0 1	1021	-2550 - 2550 -10235 - 10235	one_outpeone oferSecon one_page.ove	2555 S		ento acore Ento, colo cirche Ento, pol, ciche Ento, pol, ciche Ento, pol, ciche Ento, pol, ciche				Tight cycles for NGU is achieved The NCS varianties or the state that are maximum number of Tight cycles for PriciPass is escaled. NCS SIGN EN STATEMENT A EEPROM, RAM, ROOM, error to the safety computer.  OCHING VARIANT
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865, VL, 01  865, VL, 01  865, VL, 01  865, VL, 01  865, VR, 01	0x308	988 FD	16 500 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 500 16 50	10 10 10 10 10 10 10 10 10 10 10 10 10 1	Application     Application	Cydic  Cydic		RGS_VI_Max_P2P_cycle_emov RGS_VI_EEPROM_PAM_RO void void void RGS_VR_belt speed RGS_VR_belt speed RGS_VR_belt speed RGS_VR_poligiterungUnter RGS_VR_no_programmed RGS_VR_no_programmed RGS_VR_poligiterungAbout RGS_VR_poligi	31 0 0 2 0 2 0 4 3 6 5 2 5 3 5 5 6 6 5 7 6 6 0 0	1		511 405 1 1 1 1	1023	valid value  valid value  not ready  not ready	200 ms 1 200 ms 5 200 ms 5 200 ms 200	1021	-10235 10230	OTEL DIGITION OF THE DIGITION	2555 S HOUSES S S S S S S S S S S S S S S S S S S	1023	Entra Access Entra (Tot, active	E E E		S S S S S S S S S S S S S S S S S S S	light cycles for NGU is achieved in the maximum number of pigit cycles for NGU is achieved.  INCO SIGNATURE TO PUBLIC Pass a seached.  INCO SIGNATURE TO PUBLIC PASS AS IN A PUBLIC PASS A

RGS_VR_01	0x3D9	985IFD	16	500 10	10	0 Applica	tion Cyclic	RGS_VR_Crash shutdo	wn	7	1 Cyclic	1		no	ot ready	000 ms					1	Error_not_active		E	S NOS With ratinstinis to the salety computer that Moss. las aborted the tightening process due to a crash event.
RGS_VR_01	0x3D9	985 FD	16	500 10	10	0 Applica	tion Cyclic	RGS_VR_Overvoltage		7 5	1 Cyclic	1		no	ot ready	200 ms					1	Error_not_active		E	S Safety Computer.
RGS_VR_01	0x3D9	985 FD	16	500 10	10	0 Applica	tion Cyclic	RGS_VR_Motor error		7 6	1 Cyclic	1		no	ot ready	200 ms					1	Error_active Error_not_active		Е	S RGS VR transmits a motor error to the Safety Computer.
RGS_VR_01	0x3D9	985 FD	16					void		7	1														
RGS_VR_01	0x3D9	985IFD	16	500 10	10	0 Applica	tion Cyclic	RGS_VR_InPos		8 0	1 Cydic	0		no	ot ready	900 ms					1	In_Position		E	Start driving to a "normal" position sits quietly (no more belt poseness)
RGS_VR_01	0x3D9	985 FD	16	500 10	10	0 Applica	tion Cyclic	RGS_VR_Current		8 1	8 IfActive	25	255	no	ot ready	200 ms 1	253	0.2 50.6	Unit_Amper	0 02	254 255	error		Е	S RGS VR transmits current value to the Safety Computer.
RGS_VR_01	6:309	988 FD	10	10	50	0 Applica	den Orde	RGS_VR_Status		9 ;	5 MActive	31		val	alid value	000 ms					2 1 2 3 4 4 5 6 6 7 7 8 9 9 10 111 12 13 13 14 15 16 17 18 18 20 22 22 23 34 22 23 36 36 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38	To Jacob Paris Control of Control	j hit	E	S Response from RGS VR as to which action will be taken.
RGS_VR_01	0x3D9	985 FD	16	500 10	10	0 Applica	tion Cyclic	RGS_VR_Max_NGU_Z	/klenfe	9 6	1 IfActive	1		no	ot ready	200 ms	1				1	Error_not_active		E	Interiors transmits to the alroad that the maximum number of light cycles for NGU is achieved
RGS_VR_01	0x3D9	985 FD	16	500 10	10	0 Applica	etion Cyclic	RGS_VR_Max_P2P_Zy	klenfeh	9 7	1 IfActive	1		va	alid value		1				1	Error_not_active			The RGS transmits to the alroad that the maximum number of light cycles for Push2Pass is reached.
RGS_VR_01	0x3D9	985 FD	16	500 10	10	0 Applica	ition Cyclic	RGS_VR_EEPROM_RA	M_RO	10 (	1 IfActive	1		Va	alid value						1	Error_not_active		Е	S ROS HORE THE RESERVE TO THE SAFETY COMPUTER  EPROM_RAM_ROOM_error to the Safety Computer
RGS_VR_01	0x3D9	985 FD	16					void		10 1	7			$\pm \pm$											
RGS_VR_01	0x3D9	985 FD	16					void		11 (	1 48														