

Lifting axle control (the 1st lifting axle is always lifted first and then the 2nd lifting axle)									
Required lifting axle function	Lifting or trailing axle parameter								
	Liftable axles	Trailing axle	Lifting axle control valve (LACV) 463 084 ... 0	Lifting axle control valve pulse-controlled (LACV-IC) 463 084 100 0	ECAS block 472 905 114 0	Button(s) (optional)	Pressure "raise lifting axle 1"	Pressure "lowering"	Speed "raise lifting axle" (km/h max.)
One lifting axle Raise at standstill	x		x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	0
One lifting axle Raise when driving	x		x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	up to 100
Two parallel lifting axles Raise at standstill	x		x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	0
Two parallel lifting axles Raise when driving	x		x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	up to 100
Two lifting axles separately Raise at standstill	x		x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	0
Two lifting axles separately Raise when driving	x		x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	up to 100
One trailing axle Raise at standstill		x	x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	0
One trailing axle Raise when driving		x	x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	up to 100
Two parallel trailing axles Raise at standstill		x	x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	0
Two parallel trailing axles Raise when driving		x	x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	up to 100
Two trailing axles separately Raise at standstill		x	x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	0
Two trailing axles separately Raise when driving		x	x	x	x	ZS	Calculation via PC diagnosis	Bellows pressure "laden"	up to 100

Traction Help Type EG												
Required lifting axle function	Lifting or trailing axle parameter											
	Liftable axles	Trailing axle	Lifting axle control valve (LACV) 463 084 ... 0	Lifting axle control valve pulse-controlled (LACV-IC) 463 084 100 0	ECAS block 472 905 114 0	Button(s) (optional)	Pressure "raise lifting axle 1" (bar)	Pressure "raise lifting axle 2" (bar)	Pressure "lowering" (bar)	Speed "raise lifting axle" (km/h)	Speed "Traction Help End"	Pressure limiting "Traction Help" (bar)
One lifting axle	x		x			ZS/TH	Calculation via PC diagnosis	Calculation via PC diagnosis	Bellows pressure "laden"	0-25	30	Exit at 130 %
One lifting axle	x			x		ZS/TH	Calculation via PC diagnosis	Calculation via PC diagnosis	Bellows pressure "laden"	0-25	30	Freeze at 130 %
One lifting axle	x				x	ZS/TH	Calculation via PC diagnosis	Calculation via PC diagnosis	Bellows pressure "laden"	0-25	30	Freeze at 130 %
One lifting axle with residual pressure holding (additional solenoid valve)	x		x			ZS/TH	Calculation via PC diagnosis	Calculation via PC diagnosis	Bellows pressure "laden"	0-25	30	Freeze at 130 %
One trailing axle		x	x			ZS/TH	0,2		1,3	0-25	30	Exit at 130 %
One trailing axle		x		x		ZS/TH	0,2		1,3	0-25	30	Freeze at 130 %
One trailing axle		x			x	ZS/TH	0,2		1,3	0-25	30	Freeze at 130 %
One trailing axle with residual pressure holding (additional solenoid valve)		x	x			ZS/TH	0,2		1,3	0-25	30	Freeze at 130 %

Traction Help "Nordland" or "Off-road"												
Required lifting axle function	Lifting or trailing axle parameter											
	Liftable axles	Trailing axle	Lifting axle control valve (LACV) 463 084 ... 0	Lifting axle control valve pulse-controlled (LACV-IC) 463 084 100 0	ECAS block 472 905 114 0	Button(s) (optional)	Pressure "raise lifting axle 1" (bar)	Pressure "lowering" (bar)	Speed "raise lifting axle" (km/h)	Speed "Traction Help End"	Pressure limitation "Traction Help" (bar max.)	Duration "Traction Help" (sec. max.)
One lifting axle	x		x			ZS/TH	Calculation via PC diagnosis	Bellows pressure "laden"	0-95	0-100	10	1200
One lifting axle	x			x		ZS/TH	Calculation via PC diagnosis	Bellows pressure "laden"	0-95	0-100	10	1200
One lifting axle	x				x	ZS/TH	Calculation via PC diagnosis	Bellows pressure "laden"	0-95	0-100	10	1200
One lifting axle with residual pressure holding (additional solenoid valve)	x		x			ZS/TH	Calculation via PC diagnosis	Bellows pressure "laden"	0-95	0-100	10	1200
One trailing axle		x	x			ZS/TH	0,2	1,3	0-95	0-100	10	1200
One trailing axle		x		x		ZS/TH	0,2	1,3	0-95	0-100	10	1200
One lifting axle		x			x	ZS/TH	0,2	1,3	0-95	0-100	10	1200
One trailing axle with residual pressure holding (additional solenoid valve)		x	x			ZS/TH	0,2	1,3	0-95	0-100	10	1200

Manoeuvre assistance										
Required lifting axle function	Lifting or trailing axle parameter									
	Liftable axles	Trailing axle	Lifting axle control valve (LACV) 463 084 ... 0	Lifting axle control valve pulse-controlled (LACV-IC) 463 084 100 0	ECAS block 472 905 114 0	Button(s) (optional)	Pressure "raise lifting axle 1" (bar)	Pressure "lowering" (bar)	Speed "Manoeuvring Aid End" (km/h)	Pressure limitation "Manoeuvring Aid" (bar)
One lifting axle	x		x			ZS/TH	Calculation via PC diagnosis	Bellows pressure "laden"	> 30	Exit at 100 %
One lifting axle	x			x		ZS/TH	Calculation via PC diagnosis	Bellows pressure "laden"	> 30	Freeze at 100 %
One lifting axle	x				x	ZS/TH	Calculation via PC diagnosis	Bellows pressure "laden"	> 30	Freeze at 100 %
One lifting axle with residual pressure holding (additional solenoid valve)	x		x			ZS/TH	Calculation via PC diagnosis	Bellows pressure "laden"	> 30	Freeze at 100 %
One trailing axle		x	x			ZS/TH	0,2	1,3	> 30	Exit at 100 %
One trailing axle		x		x		ZS/TH	0,2	1,3	> 30	Freeze at 100 %
One trailing axle		x			x	ZS/TH	0,2	1,3	> 30	Freeze at 100 %
One trailing axle with residual pressure holding (additional solenoid valve)		x	x			ZS/TH	0,2	1,3	> 30	Freeze at 100 %

Drawbar load reduction											
Required lifting axle function	Lifting or trailing axle parameter										
	Liftable axles	Trailing axle	Lifting axle control valve (LACV) 463 084 ... 0	Lifting axle control valve, pulse-controlled (LACV-IC) 463 084 100 0	ECAS block 472 905 114 0	Button(s) (optional)	Pressure "raise lifting axle 1" (bar)	Pressure „lowering“ (bar)	Speed "Drawbar load reduction ON" (km/h)	Pressure limitation "Drawbar load reduction OFF" (km/h)	Pressure limitation "Drawbar load reduction" (bar)
One lifting axle	x		not recommended			ZS/TH or automatically	Calculation via PC diagnosis	Bellows pressure "laden"	> 30	< 30	Exit at 100 %
One lifting axle	x			x		ZS/TH or automatically	Calculation via PC diagnosis	Bellows pressure "laden"	> 30	< 30	Freeze at 100 %
One lifting axle	x				x	ZS/TH or automatically	Calculation via PC diagnosis	Bellows pressure "laden"	> 30	< 30	Freeze at 100 %
One lifting axle with residual pressure holding (additional solenoid valve)	x		x			ZS/TH or automatically	Calculation via PC diagnosis	Bellows pressure "laden"	> 30	< 30	Freeze at 100 %
One trailing axle		x	not recommended			ZS/TH or automatically	0,2	1,3	> 30	< 30	Exit at 100 %
One trailing axle		x		x		ZS/TH or automatically	0,2	1,3	> 30	< 30	Freeze at 100 %
One trailing axle		x			x	ZS/TH or automatically	0,2	1,3	> 30	< 30	Freeze at 100 %
One trailing axle with residual pressure holding (additional solenoid valve)		x	x			ZS/TH or automatically	0,2	1,3	> 30	< 30	Freeze at 100 %

Special cases																		
Required lifting axle function	Lifting or trailing axle parameter																	
	Lifting axles	Trailing axle	Lifting axle control valve (LACV) 463 084 ... 0	Lifting axle control valve pulse-controlled (LACV-IC) 463 084 100 0	ECAS block 472 905 114 0	Button(s) (optional)	Pressure "raise lifting axle 1" (bar)	Pressure "raise lifting axle 2" (bar)	Pressure "lower"	Speed "raise lifting axle" (km/h)	Speed "Traction Help End" (km/h)	Pressure limiting "Traction Help" (bar)	Duration "Traction Help" depending on type of Traction Help (sec. max.)	Speed "Manoeuvring Aid End" (km/h)	Pressure limitation "Manoeuvring Aid" (bar)	Speed "Drawbar load reduction ON" (km/h)	Pressure limitation "Drawbar load reduction OFF" (km/h)	Pressure limitation "Drawbar load reduction" (bar)
Only constrained lowering / no traction help	x		x			ZS/TH	via PC diagnosis calculation		Bellows pressure "laden"	0-30								
Only constrained lowering / no traction help	x			x	x	TH	via PC diagnosis calculation		Bellows pressure "laden"	0-30								
Only constrained lowering / no traction help		x	x			ZS/TH	via PC diagnosis calculation		Bellows pressure "laden"	0-30								
Only constrained lowering / no traction help		x		x	x	TH	via PC diagnosis calculation		Bellows pressure "laden"	0-30								
Only Traction Help / no lifting axle function	x		x			TH	0,2			100	30	Finished at 130 %	1200					
Only Traction Help / no lifting axle function	x			x	x	TH	0,2			100	30	Freeze at 130 %	1200					
Only Traction Help / no lifting axle function		x	x			TH	0,2			100	30	Finished at 130 %	1200					
Only Traction Help / no lifting axle function		x		x	x	TH	0,2			100	30	Freeze at 130 %	1200					
Only drawbar load reduction / no manoeuvring aid	x			x	x	MH or automatic	Calculation via PC diagnosis		Bellows pressure "laden"					0	100 %	0	without	Freeze at 100 %
Only drawbar load reduction / no manoeuvring aid		x		x	x	MH or automatic	Calculation via PC diagnosis		Bellows pressure laden					0	100 %	0	without	Freeze at 100 %
2 lifting or trailing axles separately with Traction Help and Manoeuvring Aid (only possible with 2 LACVs or with 1 LACV and/or 1 LACV-IC or ECAS block)	x	x	2x			ZS/TH/ MH or automatic	Calculation via PC diagnosis	Calculation via PC diagnosis	Bellows pressure "laden"	max. 30	30	Finished at 130 %	1200	> 30	Finished at 100 %	> 30	< 30	Finished at 100 %

Special cases																		
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	Lifting axles	Trailing axle	Lifting axle control valve (LACV) 463 084 ... 0	Lifting axle control valve pulse-controlled (LACV-IC) 463 084 100 0	ECAS block 472 905 114 0	Button(s) (optional)	Pressure "raise lifting axle 1" (bar)	Pressure "raise lifting axle 2" (bar)	Pressure "lower"	Speed "raise lifting axle" (km/h)	Speed "Traction Help End" (km/h)	Pressure limiting "Traction Help" (bar)	Duration "Traction Help" depending on type of Traction Help (sec. max.)	Speed "Manoeuvring Aid End" (km/h)	Pressure limitation "Manoeuvring Aid" (bar)	Speed "Drawbar load reduction ON" (km/h)	Pressure limitation "Drawbar load reduction OFF" (km/h)	Pressure limitation "Drawbar load reduction" (bar)
2 lifting or trailing axles separately with Traction Help and Manoeuvring Aid (only possible with 2 LACVs or with 1 LACV and/or 1 LACV-IC or ECAS block)	x	x	1x acts upon axle 1	1x acts upon axle 3		ZS/TH/MH or automatically	Calculation via PC diagnosis	Calculation via PC diagnosis	Bellows pressure "laden"	max. 30	30	Finished at 130 %	1200	> 30	Freeze at 100 %	> 30	< 30	Freeze at 100 %
2 lifting or trailing axles separately with Traction Help and Manoeuvring Aid (only possible with 2 LACVs or with 1 LACV and/or 1 LACV-IC or ECAS block)	x	x	1x acts upon axle 3		1x acts upon axle 1	ZS/TH/MH or automatically	Calculation via PC diagnosis	Calculation via PC diagnosis	Bellows pressure "laden"	max. 30	30	Freeze at 130 %	1200	> 30	Finished at 100 %	> 30	< 30	Finished at 100 %
Traction help on the 3rd axle	x		x	x	x	TH	Calculation via PC diagnosis		Bellows pressure "laden"	max. 30	30	(lowering of 3rd axle when the Traction Help is activated)	1200					
Traction help on the 3rd axle		x	x	x	x	TH	Calculation via PC diagnosis		Bellows pressure "laden"	max. 30	30	(Venting of 3rd axle when the Traction Help is activated)	1200					
Manoeuvring Aid on the 1st axle	x		x	x	x	MH or automatic	Calculation via PC diagnosis		Bellows pressure "laden"	max. 30				> 30	(Lowering of 1st axle when the Traction Help is activated)			
Manoeuvring Aid on the 1st axle		x	x	x	x	MH or automatic	Calculation via PC diagnosis		Bellows pressure "laden"	max. 30				> 30	(Venting of 1st axle when the Traction Help is activated)			