

# TRAILER EBS E - SYSTEM OVERVIEW

## STANDARD WITH CONVENTIONAL AIR SUSPENSION

### LIFT AXLE CONTROL VALVE



Lift Axle Control Valve (LACV)  
 463 084 031 0 - 1-circuit  
 463 084 041 0 - 1-circuit with quick connector  
 463 084 100 0 - 2-circuit, impulse controlled (LACV-ic) (with Premium modulator only)

### CONVENTIONAL SUSPENSION CONTROL



Rotary Slide Valve  
 463 032 020 0 - 2-circuit  
 463 032 023 0 - 1-circuit  
 463 032 220 0 - 2-circuit with quick connector



TASC™  
 463 090 020 0 - 2-circuit with quick connector  
 463 090 023 0 - 2-circuit  
 463 090 123 0 - 2-circuit with dead-man control

Leveling Valve (with quick connector)

Variant	Composite	Aluminum
1-circuit	464 006 540 0	
2-circuit	464 006 500 0	464 006 102 0
2-circuit height limitation	464 006 520 0	464 006 201 0

433 401 003 0 - linkage

### PARK RELEASE EMERGENCY VALVE (PREV)



Plate  
 971 002 103 4

Part Number	Quick Connector	Plate	Test Port
971 002 900 0	×	✓	×
971 002 902 0	×	×	×
971 002 910 0	✓ (8 x 1)	×	×
971 002 911 0	✓ (3x Ø 8 x 1 / 2x Ø 10 x 1)	×	×
971 002 912 0	✓ (8 x 1)	✓	✓
971 002 913 0	✓ (2x Ø 8 x 1 / 3x Ø 10 x 1)	×	×

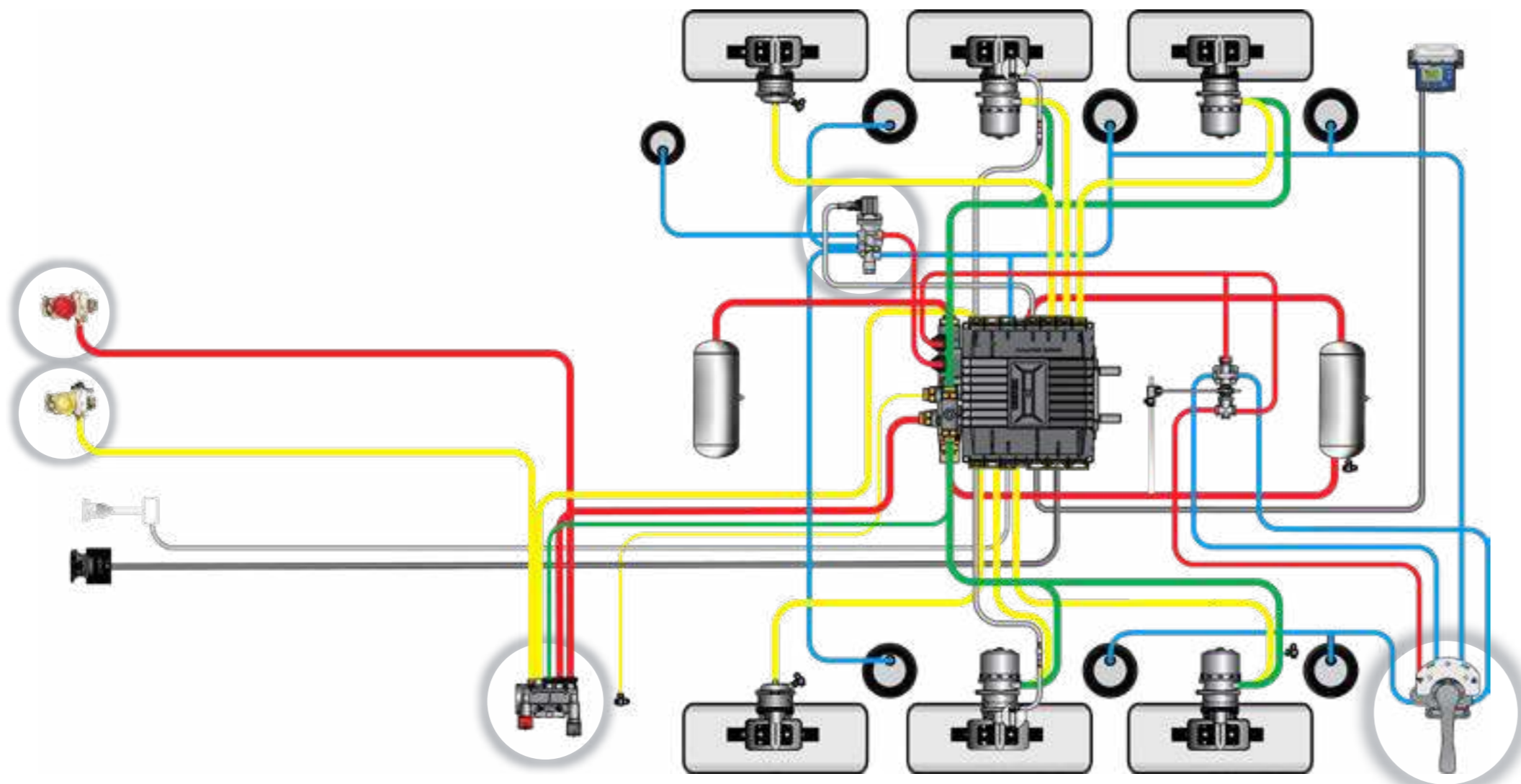
### COUPLING HEAD WITH INTEGRATED FILTER




Control  
 952 201 011 0  
 952 201 013 0 - with test port  
 952 201 014 0 - with quick connector & test port

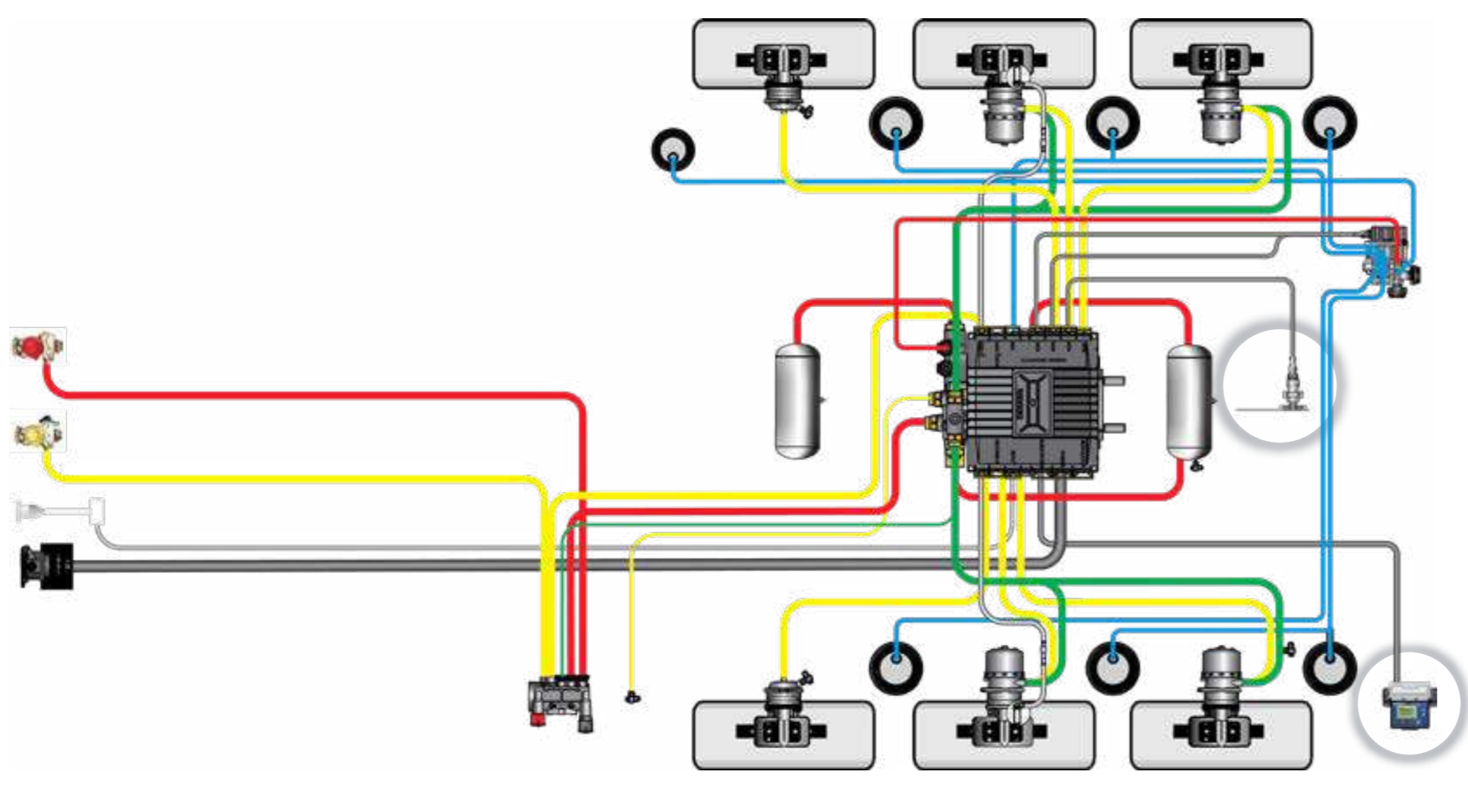
Supply  
 952 201 012 0  
 952 201 015 0 - with quick connector

Control  
 952 201 011 0  
 952 201 013 0 - with test port  
 952 201 014 0 - with quick connector & test port



Trailer EBS E Modulator	Product Number	System	Support Mechanical Suspension	Integrated Control Air Suspension	Number of GIOs	PEM	Quick Connector	Supported Piping	
								Supply	Air Suspension
	480 102 030 0	Standard, 2S / 2M	×	×	4	×	×	M 22 x 1.5	M 16 x 1.5
	480 102 031 0	Standard, 2S / 2M	×	×	4	✓ Composite	✓	Ø 16 x 2	Ø 8 x 1
	480 102 032 0	Standard, 2S / 2M	×	×	4	×	✓	Ø 15 x 1.5	M 16 x 1.5
	480 102 033 0	Standard, 2S / 2M	×	×	4	✓ Aluminum	✓	Ø 15 x 1.5	Ø 8 x 1
	480 102 034 0	Standard, 2S / 2M	×	×	4	✓ Aluminum	×	M 22 x 1.5	M 16 x 1.5
	480 102 035 0	Standard, 2S / 2M	×	×	4	✓ Aluminum	✓	Ø 15 x 1.5	Ø 8 x 1
	480 102 036 0	Standard, 2S / 2M	×	×	4	✓ Composite	✓	Ø 15 x 1.5	Ø 8 x 1
	480 102 060 0	Premium, max. 4S / 3M	✓	✓	7	×	×	M 22 x 1.5	M 16 x 1.5
	480 102 061 0	Premium, max. 4S / 3M	✓	✓	7	✓ Composite	✓	Ø 16 x 2	Ø 8 x 1
	480 102 062 0	Premium, max. 4S / 3M	✓	✓	7	×	✓	Ø 15 x 1.5	M 16 x 1.5
	480 102 063 0	Premium, max. 4S / 3M	✓	✓	7	✓ Aluminum	✓	Ø 15 x 1.5	Ø 8 x 1
	480 102 064 0	Premium, max. 4S / 3M	✓	✓	7	✓ Aluminum	×	M 22 x 1.5	M 16 x 1.5
	480 102 065 0	Premium, max. 4S / 3M	✓	✓	7	✓ Aluminum	✓	Ø 15 x 1.5	Ø 8 x 1
	480 102 066 0	Premium, max. 4S / 3M	✓	✓	7	✓ Composite	✓	Ø 15 x 1.5	Ø 8 x 1
	480 102 080 0	Multivoltage, max. 4S / 3M	✓	✓	7	×	×	M 22 x 1.5	M 16 x 1.5
	480 102 084 0	Multivoltage, max. 4S / 3M	✓	✓	7	✓ Aluminum	×	M 22 x 1.5	M 16 x 1.5

## PREMIUM WITH ELECTRONIC AIR SUSPENSION OPTILEVEL™



### DIAGNOSTICS TRAILER EBS E

Option 1 - via the 7-pin ISO 7638 CAN connection

- Diagnostic Interface with USB port  
446 301 030 0
- CAN-Diagnostic Cable  
446 300 361 0 (5 m)  
446 300 362 0 (20 m)
- Connection Adapter ISO 7638 with CAN socket  
446 300 360 0

Option 2 - via external diagnosis connection (ISO11898) Premium & Multivoltage

- Diagnostic Interface with USB port  
446 301 030 0
- CAN-Diagnostic Cable  
446 300 348 0
- External diagnostic socket with yellow cap  
449 611 ... 0

### OPTILEVEL

OptiLevel / ECAS Valves

- eTASC  
463 090 500 0 - with quick connector  
463 090 503 0  
463 090 510 0 - dead-man control
- ECAS Solenoid Valve  
472 880 030 0 - axle control  
472 905 114 0 - axle & lift axle control
- OptiLevel Cable (eTASC + Solenoid Valves)  
449 445 ... 0

OptiLevel / ECAS Sensor

- ECAS / OptiLevel Sensor  
441 050 100 0
- Lever  
441 050 718 2
- Linkage  
433 401 003 0
- Electronic Extension Module  
446 122 070 0  
446 122 071 0

### SUSPENSION CONTROL



SmartBoard  
 446 192 110 0  
 446 192 111 0 (ADR)



Control Box  
 446 156 021 0 - axle control  
 446 156 022 0 - axle & lift axle control  
 446 156 023 0 - axle control for Drawbar



Remote Control  
 446 056 116 0 - axle control  
 446 056 117 0 - axle & lift axle control  
 446 056 25. 0 - tractor & trailer control



Trailer Remote Control  
 446 122 080 0