

TEBS E

WIRING DIAGRAMS

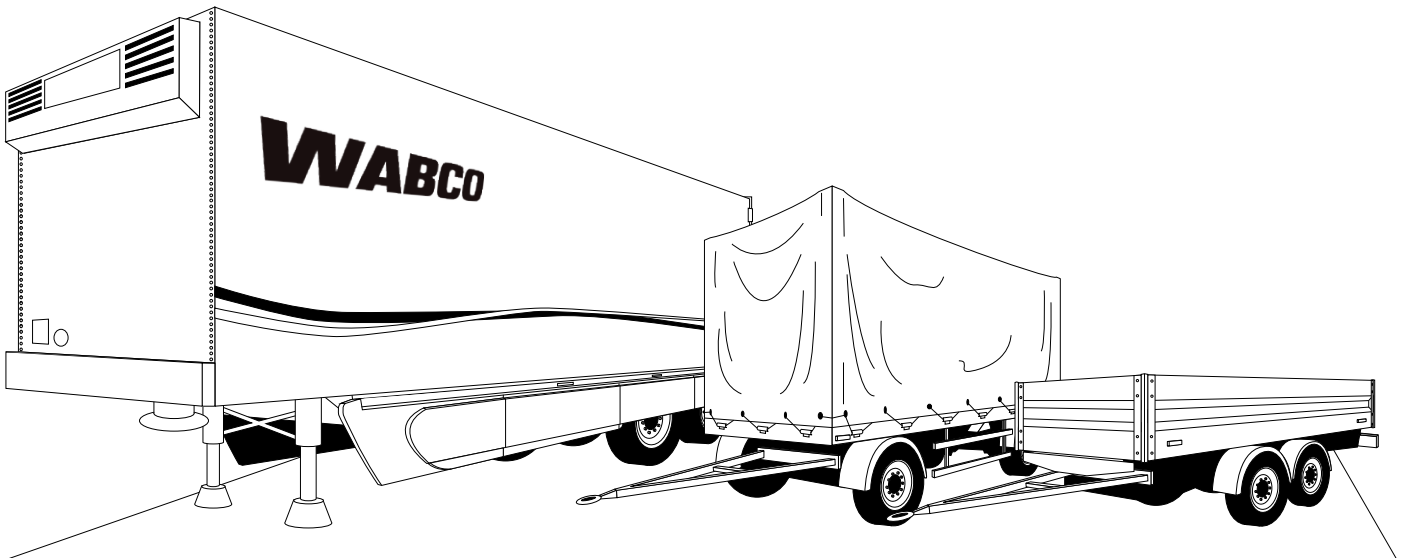


Table of Contents

1	General information	4
1	GIO schematic diagrams	6
2	Braking diagrams	69
2.1	Semitrailer	69
2.2	Central axle trailer	162
2.3	Drawbar trailer	189

Edition 1
Version 3 (01.2017)
815 010 233 3 (en)

This publication is not subject to any update service.
You will find the current version on the internet at
<http://www.wabco.info/i/342>



1 General information

Copyright and trademark notice

The content, particularly technical information, descriptions and figures, corresponds to the state current at the time of printing and is subject to change without notice.

This document, including all its parts, in particular texts and figures, is protected by copyright. Use outside the statutory or contractual limits require authorisation by the copyright owner. All rights reserved.

Any brand names, even if not indicated as such, are subject to the rules of the trademark and labelling rights.

Technical documents



- Open the WABCO INFORM online product catalogue: <http://inform.wabco-auto.com>
- Search for documents by entering the document number.

The WABCO online product catalogue INFORM provides you with convenient access to the complete technical documentation.

All documents are available in PDF format. Please contact your WABCO partner for printed versions.

Please note that the publications are not always available in all language versions.

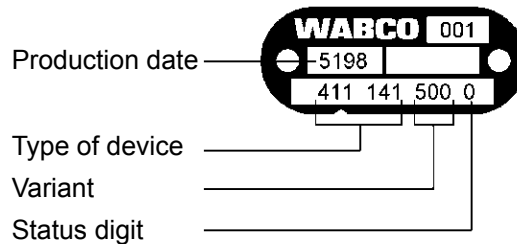
DOCUMENT TITLE	DOCUMENT NUMBER
TEBS E Wiring Diagramms	815 XX0 233 3

*Language code XX: 01 = English, 02 = German, 03 = French, 04 = Spanish, 05 = Italian, 06 = Dutch, 07 = Swedish, 08 = Russian, 09 = Polish, 10 = Croatian, 11 = Romanian, 12 = Hungarian, 13 = Portuguese (Portugal), 14 = Turkish, 15 = Czech, 16 = Chinese, 17 = Korean, 18 = Japanese, 19 = Hebrew, 20 = Greek, 21 = Arabic, 24 = Danish, 25 = Lithuanian, 26 = Norwegian, 27 = Slovenian, 28 = Finnish, 29 = Estonian, 30 = Latvian, 31 = Bulgarian, 32 = Slovakian, 34 = Portuguese (Brazil), 35 = Macedonian, 36 = Albanian, 97 = German/English 98 = = multilingual, 99 = non-verbal

General information

Structure of the WABCO product number

WABCO product numbers consist of 10 digits.



0 = New device (complete device); 1 = New device (subassembly);
2 = Repair kit or subassembly, 4 = Component part, 7 = Replacement device;
R = Reman

WABCO Service Partner

WABCO Service Partners – the network you can rely on. You can access 2000 high quality workshops with more than 6000 specialist mechanics, all trained to WABCO's exacting standards and equipped with our most up-to-the-minute systems diagnostic and support technology.

Your direct contact to WABCO

In addition to our online services, trained members of staff are there to help you at our WABCO Service Partners to directly answer any technical or business-related questions you may have.

Contact us if you need assistance:

- Find the right product
- Diagnosis support
- Training
- System support
- Order management



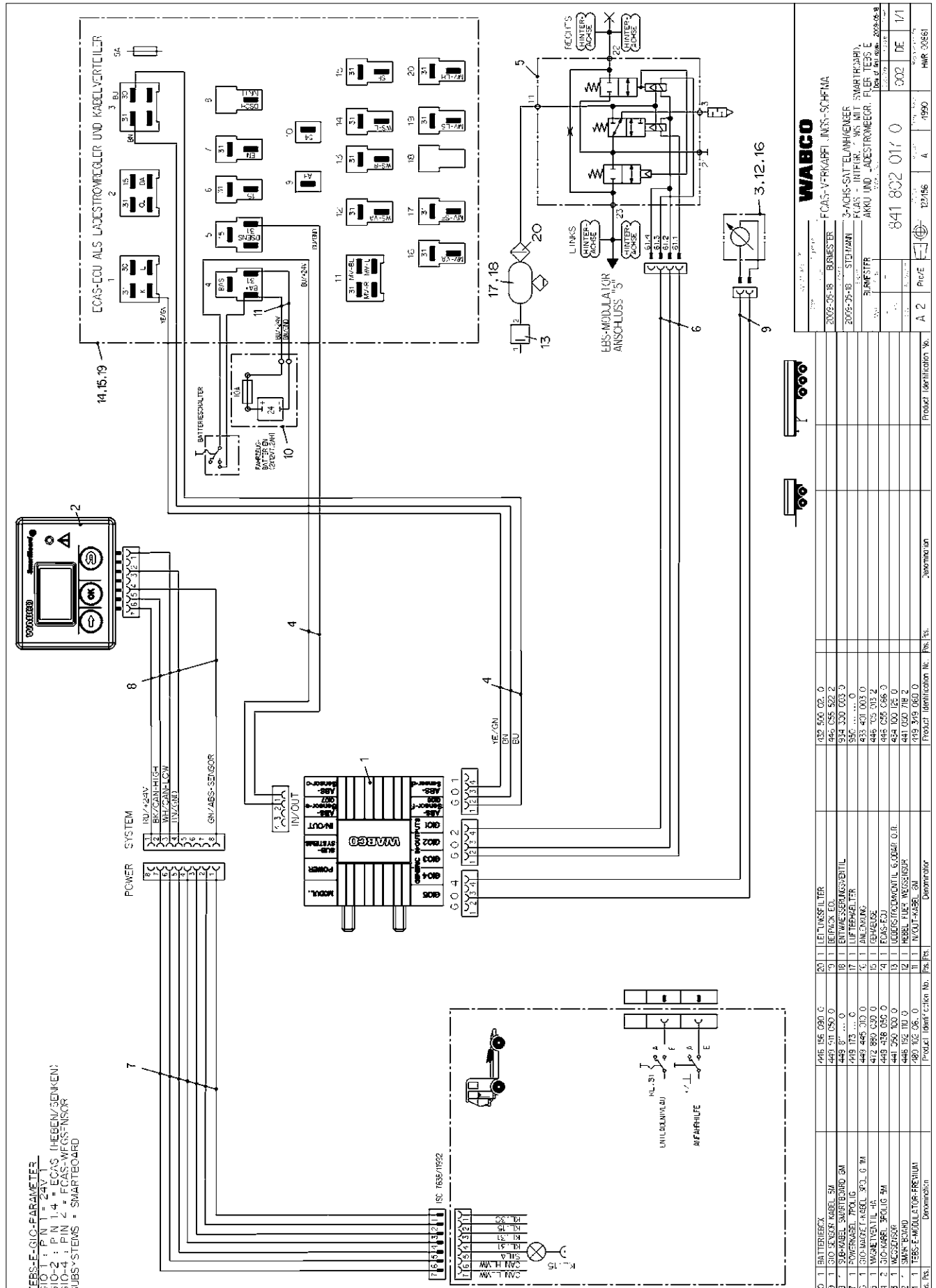
You can find your WABCO partner here:
<http://www.wabco-auto.com/en/how-to-find-us/contact/>

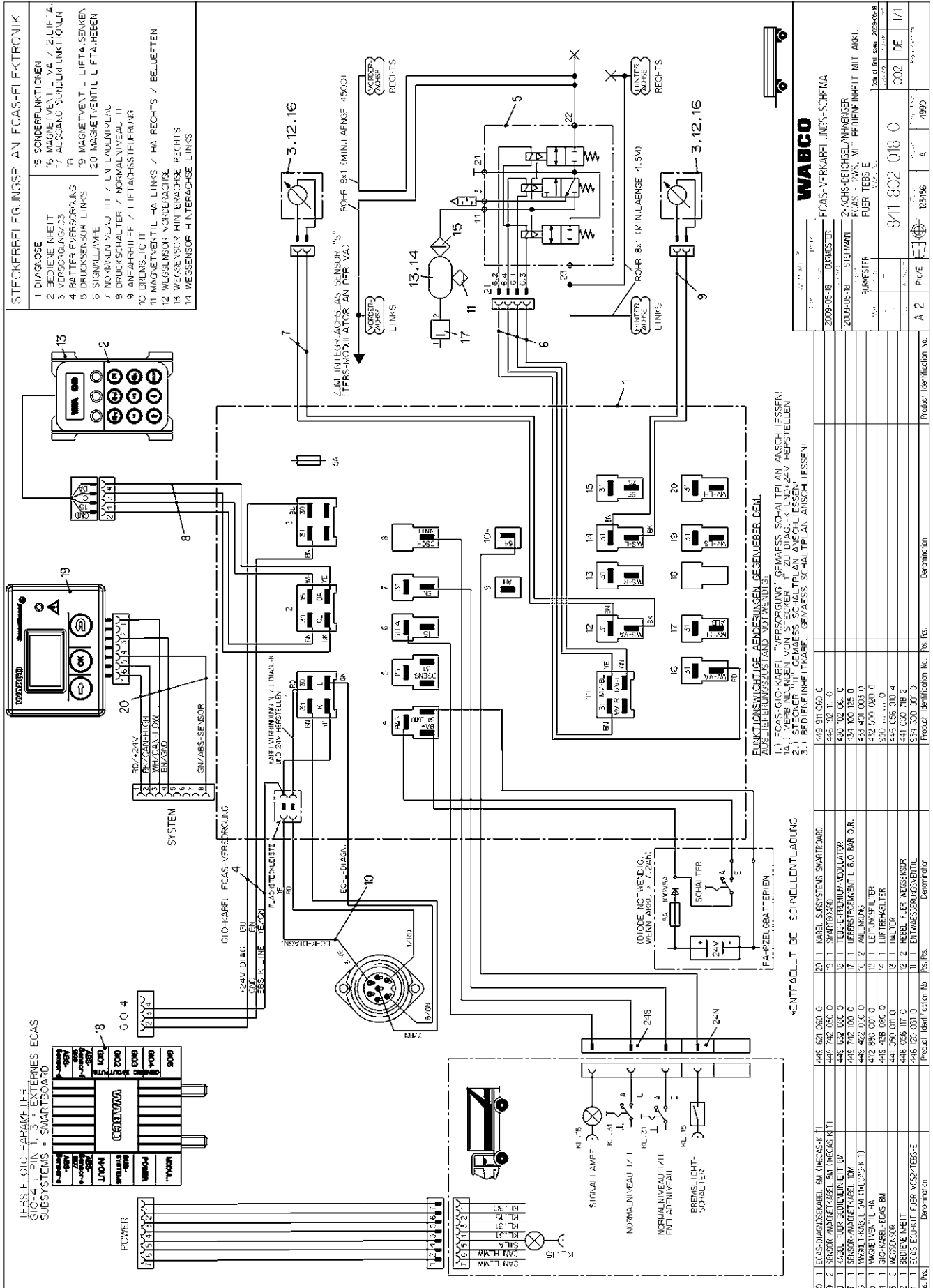
1 GIO schematic diagrams

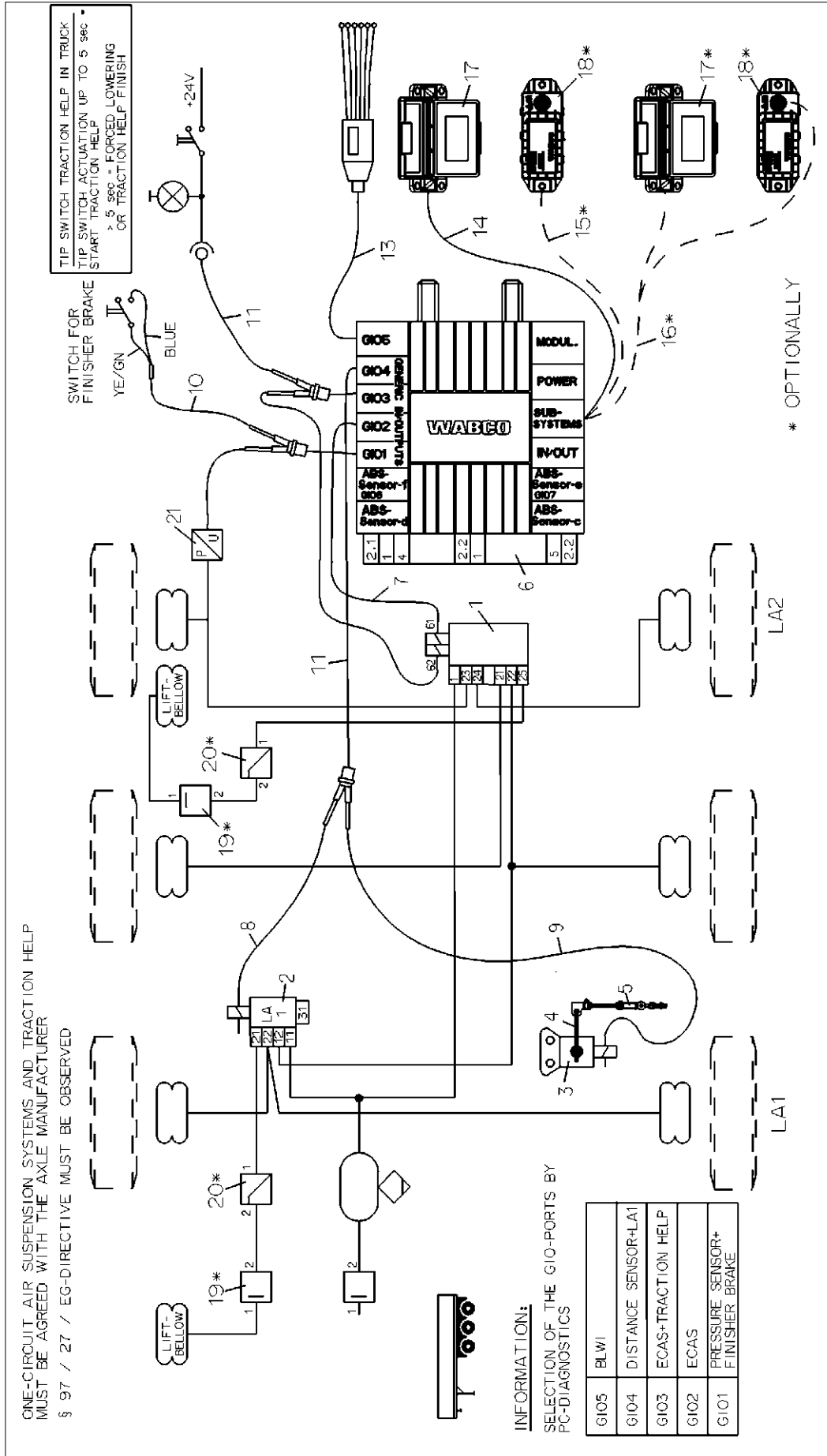
NAME	LIFT AXLE(S)	SCHEMATIC DIAGRAM	VEHICLES	PAGE
Trailer EBS E – 4S/2M, 2S/2M with Immobilizer and pneumatic extension modul	–	841 701 227 0	Semitrailer	8
Trailer EBS E – Electronic parking brake and pneumatic extension modul	–	841 701 264 0	Semitrailer	9
ECAS – 2 height sensors with/without control box and unloading level switch for TEBS E (only available in German)	–	841 802 016 0	Drawbar trailer	10
ECAS-integrated 1 height sensor with SmartBoard, battery and charging current limitation for TEBS E (only in German available)	–	841 802 017 0	Drawbar trailer	11
2 Wegsensoren mit Bedieneinheit mit Akku für TEBS E (only in German available)	–	841 802 018 0	Drawbar trailer	12
2 Wegsensoren mit Bedienbox ohne Akku für TEBS E (only in German available)	–	841 802 019 0	Drawbar trailer	13
Trailer EBS E – Air suspension with levelling valve and one-circuit lift axle valve	1	841 802 150 0	Semitrailer	14
Trailer EBS E – Air suspension with levelling valve and one-circuit lift axle valve	2	841 802 151 0	Semitrailer	15
Trailer EBS E – Air Suspension with levelling valve and one-circuit lift axle valve	1	841 802 152 0	Semitrailer	16
Trailer EBS E – Mechanical suspension	–	841 802 153 0	Semitrailer	17
Trailer EBS E – Mechanical suspension	–	841 802 154 0	Drawbar trailer	18
Trailer EBS E – Air Suspension with levelling valve and one-circuit lift axle valve	2	841 802 155 0	Semitrailer	19
Trailer EBS E – Air Suspension with levelling valve and 2x TASC	–	841 802 156 0	Drawbar trailer	20
Trailer EBS E – ECAS with Traction Help, ECAS lifting and lowering, 1-point-control and 2 lift axles	2	841 802 157 0	Semitrailer	21
Trailer EBS E – Air suspension, ECAS lifting and lowering, 1-point-control + 2 lift axles	2	841 802 158 0	Semitrailer	22
Trailer EBS E – Air suspension (TASC - RtR function)	–	841 802 159 0	Semitrailer	23
Trailer EBS E – Air suspension, ECAS lifting and lowering, 1-point-control and 1 lift axle	1	841 802 190 0	Semitrailer	24
Trailer EBS E – Air suspension, ECAS lifting and lowering, 1-point-control and 1 lift axle and maintain residual pressure	1	841 802 191 0	Semitrailer	25
Trailer EBS E – Air suspension, ECAS lifting and lowering, 1-point-control and 1 lift axle	1	841 802 192 0	Semitrailer	26
Trailer EBS E – Air suspension with levelling valve and one-circuit lift axle valve	1	841 802 193 0	Semitrailer	27
Trailer EBS E – Air suspension, ECAS lifting and lowering, 1-point-control and 2 lift axles	2	841 802 194 0	Semitrailer	28
Trailer EBS E – Air suspension (2 circuit), ECAS lifting and lowering, 1-point-control and 2 lift axles	2	841 802 195 0	Semitrailer	29
Trailer EBS E – Air suspension, ECAS lifting and lowering, 1-point-control and 2 lift axles	2	841 802 196 0	Semitrailer	30
Trailer EBS E – Air suspension, 4S/3M lift axle and steering axle (Road tankers)	1	841 802 197 0	Semitrailer	31
Trailer EBS E – Air suspension with trailer EBS E1, ECAS lifting and lowering, 1-point-control and 2 lift axles (Road finisher brake)	2	841 802 198 0	Semitrailer	32
Trailer EBS E – Air suspension with TEBS E1, 2S/2M, ECAS lifting and lowering, 1-point-control, 2 lift axles (only in German available)	2	841 802 199 0	Semitrailer	33
Trailer EBS E Premium – 4S/3M, ECAS lifting and lowering, OptiTurn™/OptiLoad™, with ECAS, traction help, lift axle on axle 1, tag axle on axle 3, SmartBoard (only in German available)	1	841 802 235 0	Semitrailer	34
Trailer EBS E1 Premium – 4S/3M, ECAS lifting and lowering, OptiTurn™ and OptiLoad™, green warning lamp, lift axle on axle 1, dragging axle on axle 3, SmartBoard	1-2	841 802 236 0	Semitrailer	35
Trailer EBS E – Air suspension with levelling valve and 1-circuit lift axle valve	1	841 802 237 0	Semitrailer	36

GIO schematic diagrams

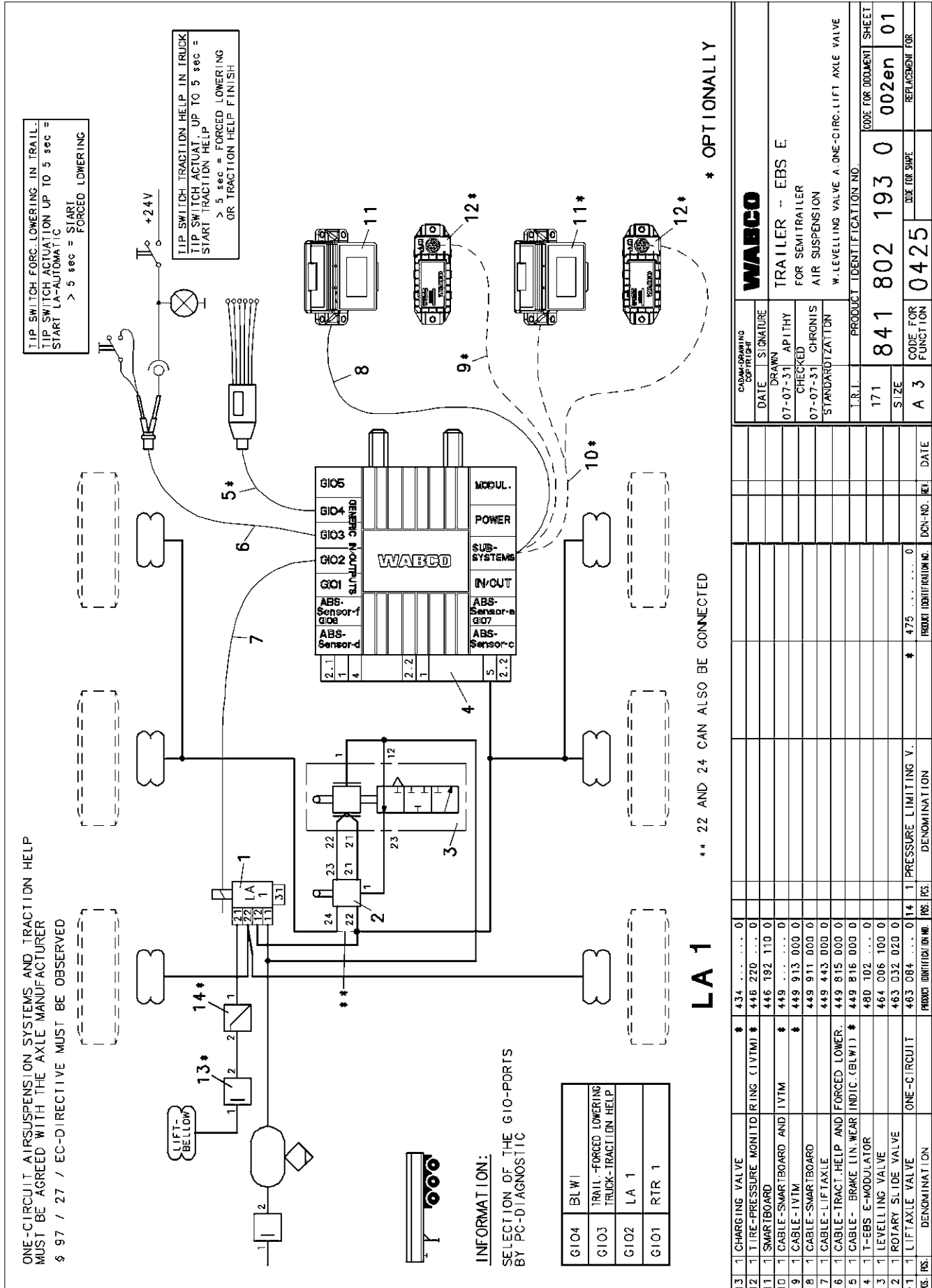
NAME	LIFT AXLE(S)	SCHEMATIC DIAGRAM	VEHICLES	PAGE
Trailer EBS E – Lifting and lowering RTR, 1st axle lifting axle, traction help 3rd axle, wheelbase control with manoeuvring assistance and residual pressure maintenance, SmartBoard (only in German available)	1	841 802 238 0	Semitrailer	37
Trailer EBS E – Air suspension, 4S/2M, 2-axles with 2 lift axles (for forklift control)	2	841 802 239 0	Central axle trailer	38
Trailer EBS E – Air suspension, 4S/3M, LACV-IC, dragging axle, SmartBoard	–	841 802 240 0	Semitrailer	39
Trailer EBS E – Air suspension, 4S/3M, OptiTurn™ and OptiLoad™ with LACV-IC, lift axle, SmartBoard	1	841 802 241 0	Semitrailer	40
Trailer EBS E – Air suspension, 4S/3M, OptiTurn™ and OptiLoad™ mit ECAS lifting and lowering, 1-point-control, 1 lift axle, SmartBoard	1	841 802 243 0	Semitrailer	41
ECAS-integrated, 1 height sensor with NLL control and road finisher brake function for TEBS E (only in German available)	–	841 802 244 0	Semitrailer	42
ECAS 2-point regulation for glas inloader, vehicle with independent suspension	2	841 802 250 0	Semitrailer	43
ECAS 2-point regulation with electronic extension module, ECAS add-on valve on 1st axle	–	841 802 252 0	Drawbar trailer	44
ECAS-integrated, 1 height sensor with 1 axle lifting axle, 3rd axle lifting axle, operation via SmartBoard or control box (traction help) (only in German available)	2	841 802 271 0	Semitrailer	45
Trailer EBS E1 Premium – Air Suspension, 4S/3M, OptiTurn™ and OptiLoad™ with LACV-IC, lift axle, SmartBoard	1	841 802 272 0	Semitrailer	46
Trailer EBS E – Trailer safety brake (Safe Start) and ECAS	–	841 802 274 0	Semitrailer Dumper, Tanker, Roll-off container	47
TailGUARDlight™	–	841 802 280 0	All trailer vehicles	48
TailGUARD™ with 3 sensors	–	841 802 281 0	All trailer vehicles	49
TailGUARDMAX™ with 6 sensors	–	841 802 282 0	All trailer vehicles	50
TailGUARD ^{Roof} ™ with 5 sensors	–	841 802 283 0	All trailer vehicles	51
TailGUARD ^{Roof} ™ (from version TEBS E2.5) with 5 sensors (only in German available)	–	841 802 284 0	All trailer vehicles	52
TailGUARD™ with 3 sensors with electronic extension module update and Trailer EBS E2.5	–	841 802 285 0	All trailer vehicles	53
Trailer EBS E – for extendable or telescopic trailer	–	841 802 290 0	Semitrailer Drawbar trailer	54
Trailer EBS E – emergency stop light function	1	841 802 291 0	All trailer vehicles	55
Trailer EBS E – Conventional air suspension, lift axle on axle 1, with forklifter control	1	841 802 292 0	Central axle trailer	56
Trailer EBS E – 2-circuit without lift axle	–	841 802 295 0	Semitrailer	57
Trailer EBS E – 2-circuit with lift axle	1	841 802 296 0	Semitrailer	58
Trailer EBS E – 2-circuit, lift axle 1 and 3	2	841 802 297 0	Semitrailer	59
Trailer EBS E – ECAS lifting and lowering	–	841 802 299 0	Semitrailer	60
Trailer EBS E Premium – 4S/3M, OptiTurn™ and OptiLoad™ with eTASC and LACV-IC	1-2	841 802 321 0	Semitrailer	61
Trailer EBS E – Air suspension with 2x eTASC	–	841 802 322 0	Drawbar trailer	62
Trailer EBS E – Air suspension with lift axle and eTASC	1	841 802 325 0	Drawbar trailer	63
Trailer EBS E – Air suspension with 2x eTASC and lift axle	1	841 802 327 0	Drawbar trailer	64
ECAS 2-point regulation (without electronic extension module) (up from E4)	–	841 802 329 0	Drawbar trailer	65
ECAS 2-point regulation (without electronic extension module, with lift axle control) (up from E4)	1	841 802 351 0	Drawbar trailer	66
ECAS 2-point regulation without electronic extension module, Premium up from E4, ECAS Add-On valve on 1st axle	–	841 802 352 0	Drawbar trailer	67
ECAS 2-point regulation without electronic extension module, Premium up from E4, ECAS Add-On valve on 1st axle	–	841 802 353 0	Drawbar trailer	68

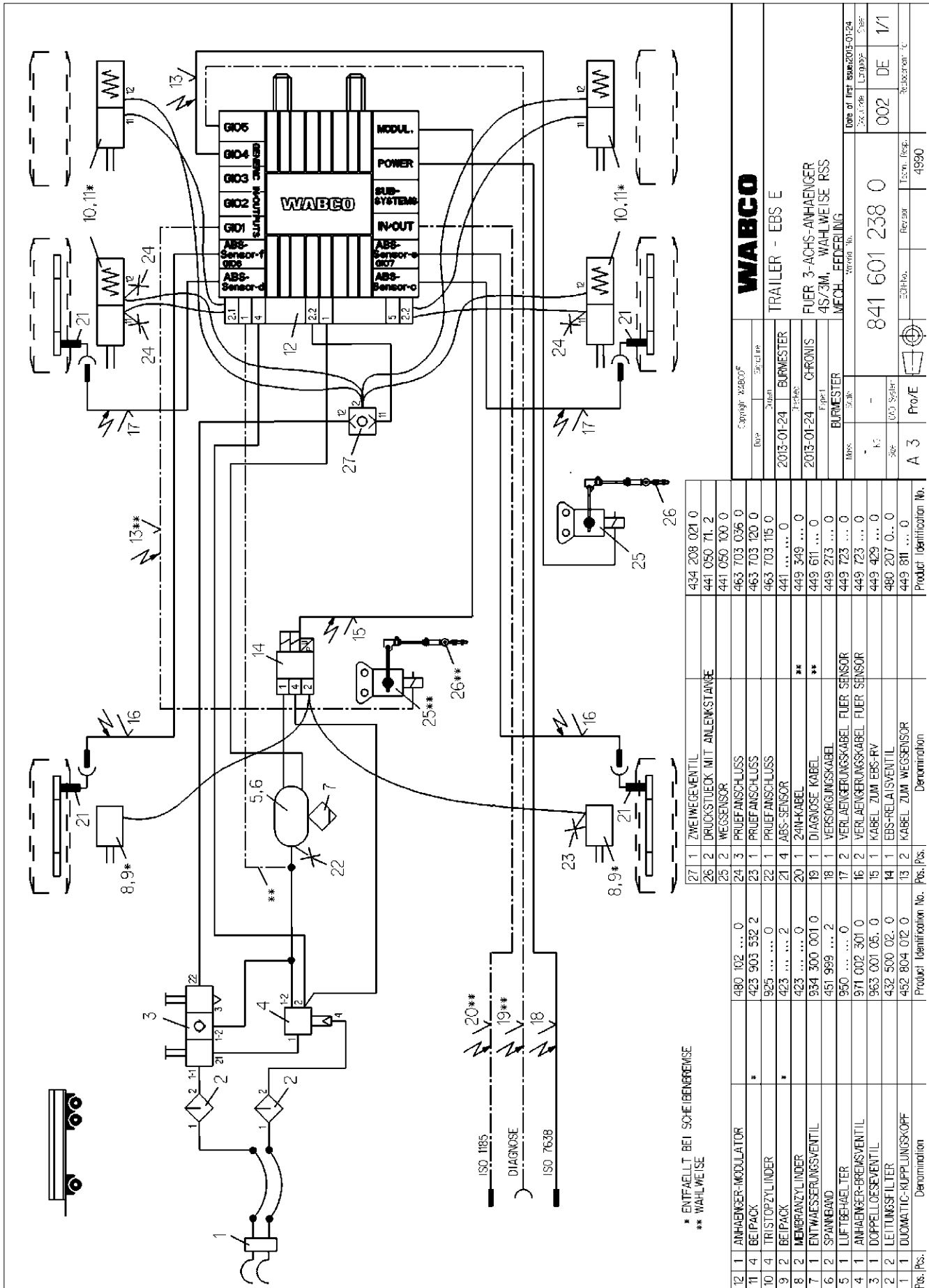






Copyright Wabco,®		WABCO	
Part No.	Substit. No.	TRAILER - EBS E	
07-01-23	APITHY	ECAS WITH TRACTION HELP FOR SEMITRAILER (VARIATION J)	
07-01-23	GROSSK.	ECAS LIFTING+LOWERING, 1-POINT-CONTROL +2 LIFTAXLES	
BURMESTER		Wabco,®	
Scale		Doc. Code	
1:2		Lr. package	
Type		Sheet	
A 3		841 802 157 0	
Product Identification No.		EN 1/1	
Pos. / Denomination		002 EN 1/1	
Product Identification No.		4990	
Pos. / Denomination		6 4990	





* ENTFABRT BEI SCHEIBENBREMSE
 ** WAHLWEISE

12	1	ANHAENGER-MODULATOR	480 102 ... 0	434 208 021 0
11	4	BEIPACK	423 903 532 2	441 050 71 2
10	4	TRISTOPZYLINDER	925 0	441 050 100 0
9	2	BEIPACK	423 2	463 703 036 0
8	2	MEMBRANZYLINDER	423 0	463 703 120 0
7	1	ENTWASSERUNGSVENTIL	934 300 001 0	463 703 115 0
6	2	SPANNBAND	451 999 ... 2	441 0
5	1	LUFTBEHAELTER	950 0	449 349 ... 0
4	1	ANHAENGER-BREMSENVENTIL	971 002 301 0	449 611 ... 0
3	1	DOPELLEIENVENTIL	963 001 05 0	449 273 ... 0
2	2	LEITUNGSFILTER	432 500 02 0	449 723 ... 0
1	1	DUOMATTC-KUPPLUNGSKOPF	452 804 012 0	449 207 0 ... 0
Pos./Pos.		Denomination	Product Identification No.	Product Identification No.

WABCO

TRAILER - EBS E

FUEHR 3-ACHS-ANHAENGER
 4S/3M, WAHLWEISE RSS
 MECH. FEDERUNG

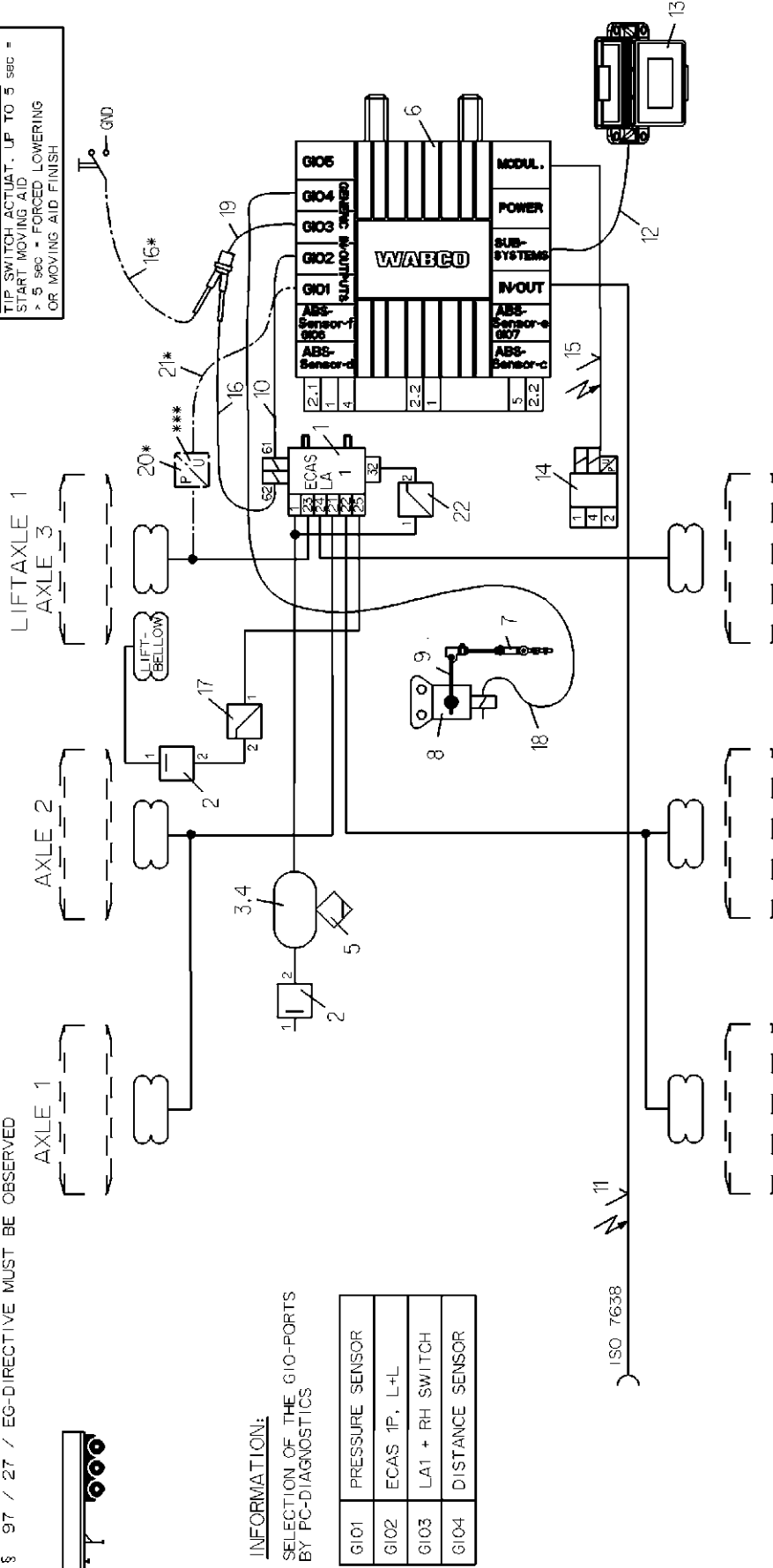
2013-01-24 BURMESTER
 2013-01-24 CHRONIS

841 601 238 0

002 DE 1/1

4990

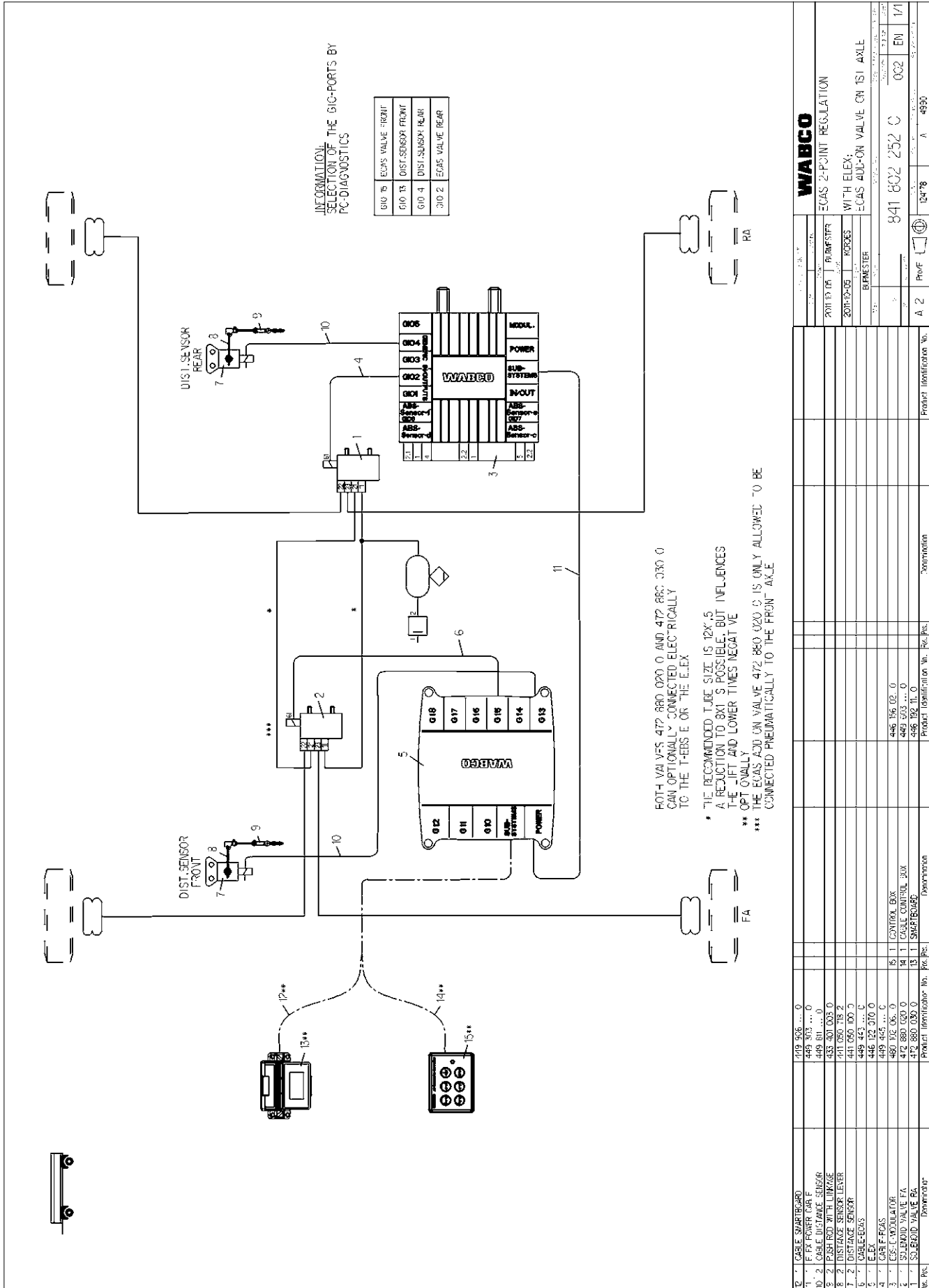
ONE-CIRCUIT AIR SUSPENSION AND TRACTION HELP MUST BE AGREED WITH THE AXLE MANUFACTURER
 § 97 / 27 / EG-DIRECTIVE MUST BE OBSERVED

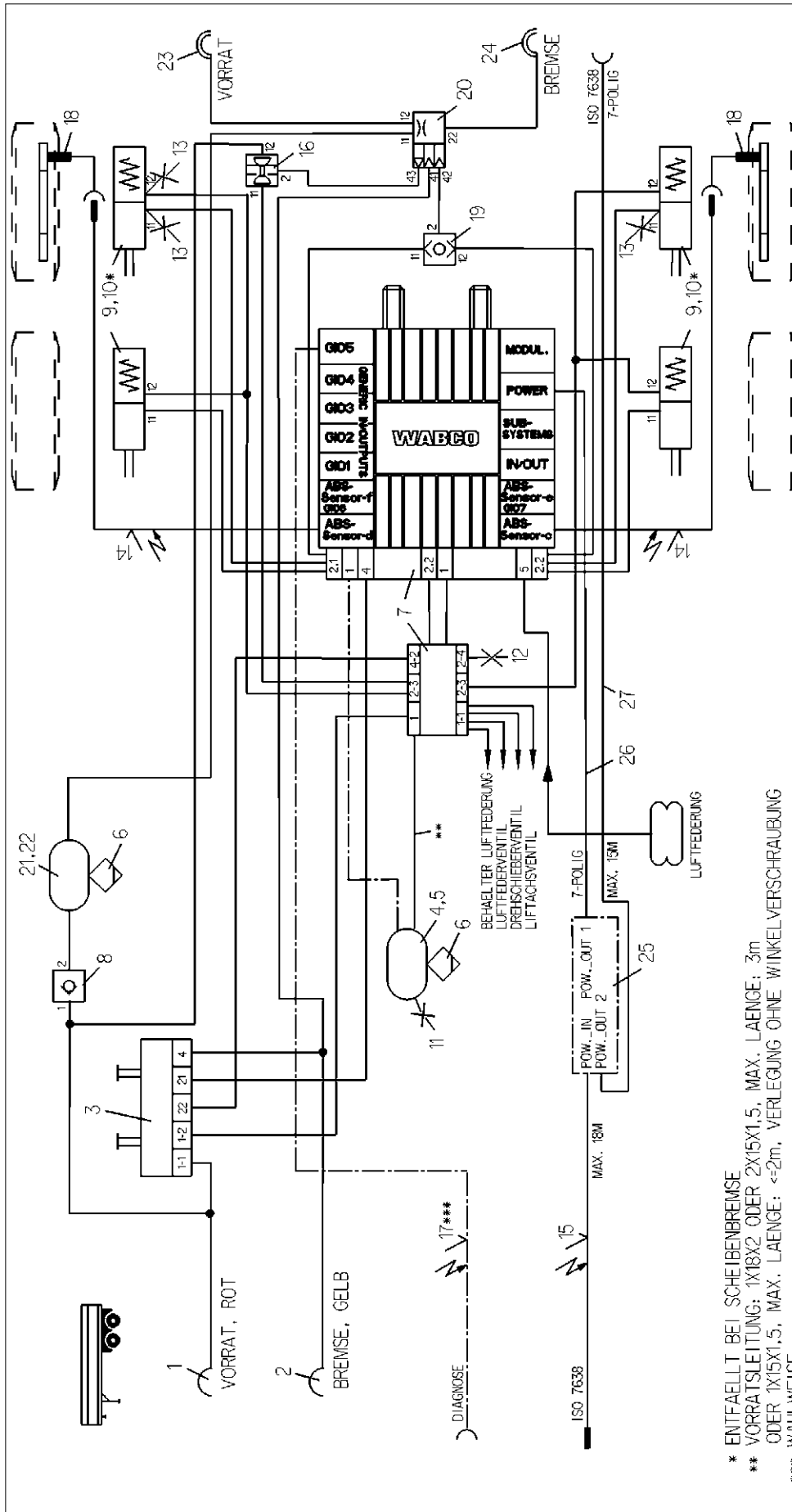


* OPTIONALLY
 *** TRACTION HELP ONLY OVER 3X BRAKE OPERATION POSSIBLE
 *** WITHIN RESPONSIBILITY OF THE VEHICLE MANUFACTURER, TO BE USED UPON VEHICLE CONSTRUCTION

Cable No. / Vehicle		Year	Month	Day	Product Identification No.	Pos.	Pos.	Denomination
12	1	449	311	...	0			CABLE SMART BOARD
11	1	449	173	...	0			SUPPLY (POWER) CABLE
10	1	449	445	...	0	22	1	PRESSURE LIMITING VALVE
9	1	441	050	718	2	21	1	CABLE-PRESSURE SENSOR
8	1	441	050	100	0	20	1	DISTANCE SENSOR
7	1	433	401	003	0	19	1	PUSH ROD WITH LINKAGE
6	1	480	102	06	0	18	1	T-EGS E-MODULATOR
5	1	934	300	003	0	17	1	DRAIN VALVE
4	2	451	999	...	0	16	1	HOSE CLAMP
3	1	950	...	...	0	15	1	AIR RESERVOIR
2	2	434	100	...	0	14	1	CHARGING VALVE
1	1	472	905	114	0	13	1	ECAS-BLOCK
Product Identification No.						Pos.	Pos.	Denomination
841 802 243 0						002	EN	1/1
WABCO						TRAILER - EBS E1 PREMIUM		
FOR SEMITRAILER						4S/5M, AIR SUSPENSION, OPTURN AND OPTILOAD		
W. ECAS L+L, 1 P. REGUL, 1 LA, SMARTBOARD						W. ECAS L+L, 1 P. REGUL, 1 LA, SMARTBOARD		
PART No.						PART. No.		
841 802 243 0						4990		

841 802 252 0

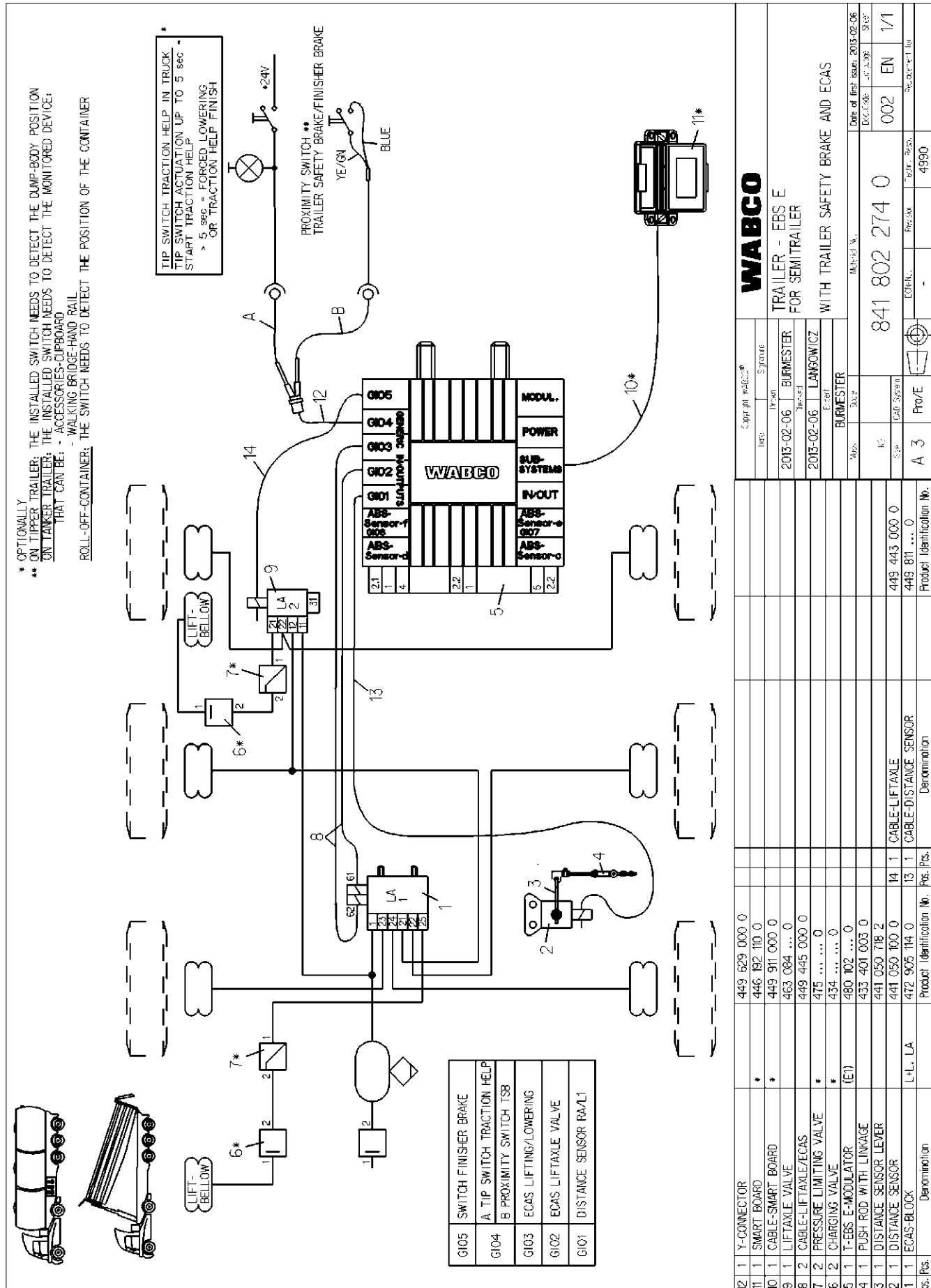




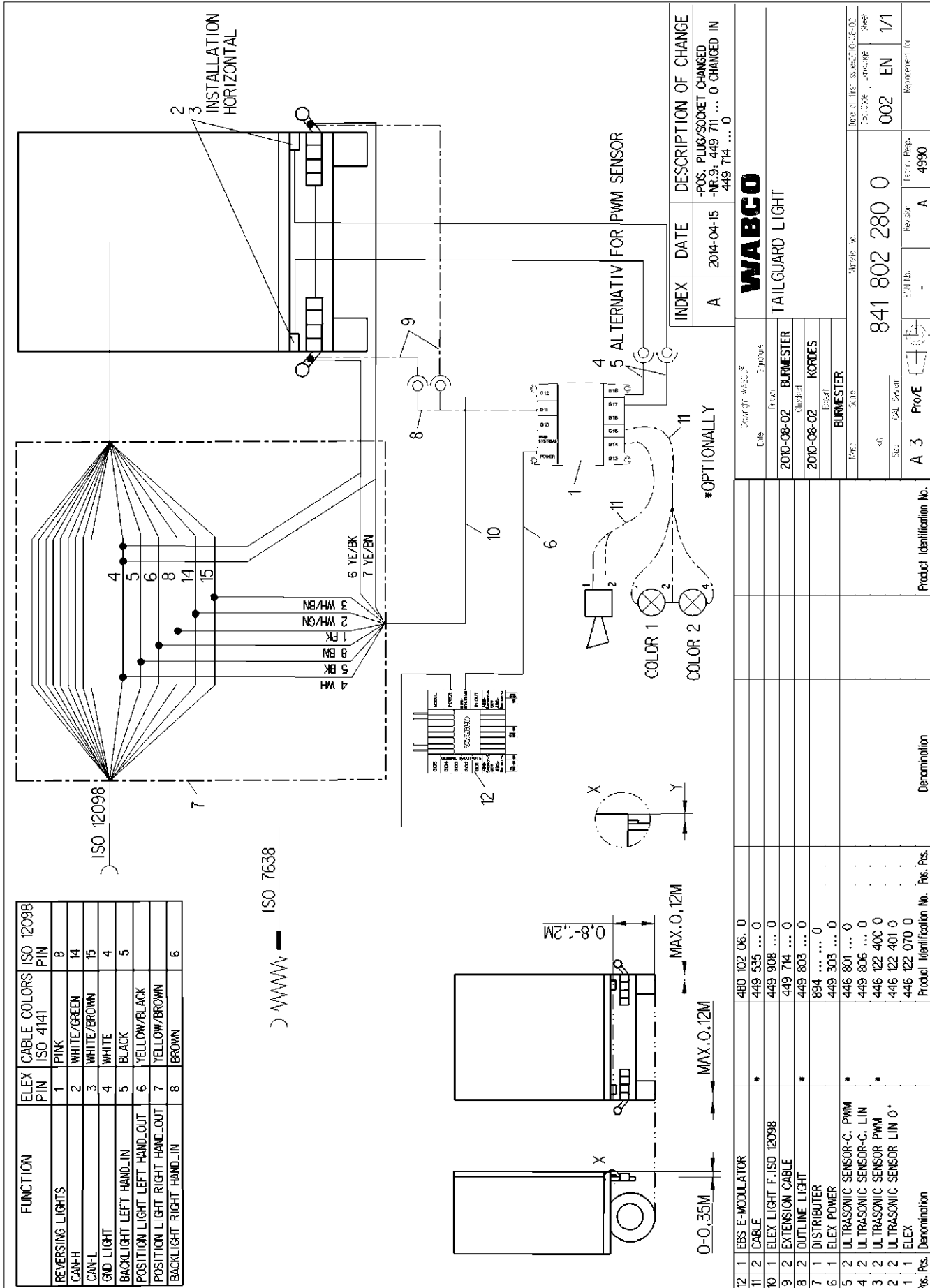
* ENTFALLET BEI SCHEIBENBREMSE
 ** VORRATSLAUFLEITUNG: 1X18X2 ODER 2X15X1,5, MAX. LAENGE: 3m
 ODER 1X15X1,5, MAX. LAENGE: <2m, VERLEGUNG OHNE WINKELVERSCHAUBUNG
 *** WAHLWEISE

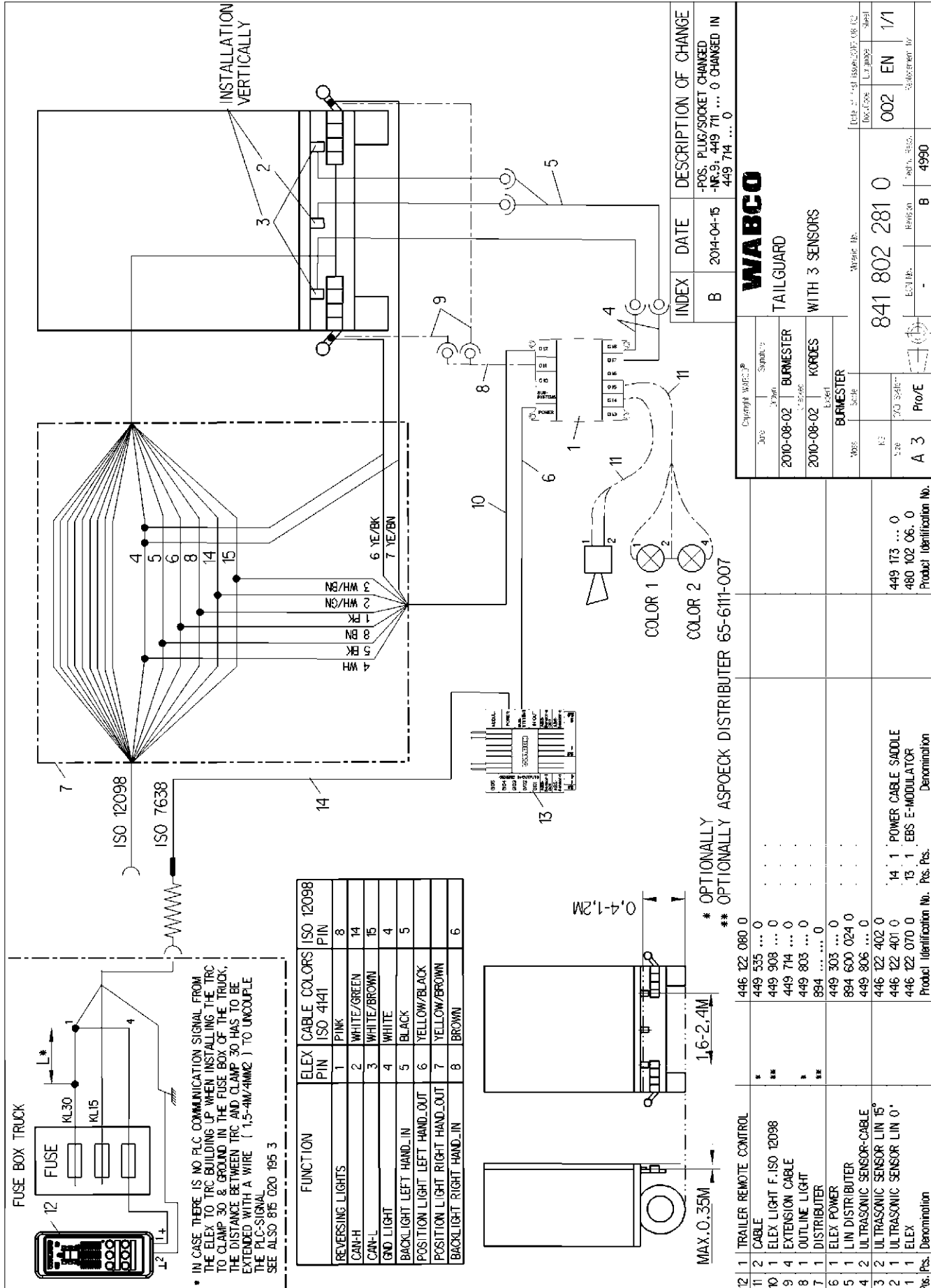
Pos. / Pos.	Denomination	Product identification No.	Pos. / Pos.	Denomination	Product identification No.
14	2 VERLAEANGERUNGSKABEL FUER SENSOR	449 723 ... 0	28		
13	3 PRUEFANSCHLUSS	463 703 036 0	27	1 VERSORNGUNGSKABEL	449 135 ... 0
12	1 PRUEFANSCHLUSS	463 703 120 0	26	1 VERSORNGUNGSKABEL	449 347 ... 0
11	1 PRUEFANSCHLUSS	463 703 115 0	25	1 CAN-ROUTER	446 122 050 0
10	4 BEIPACK	* 423 903 532 2	24	1 KUPPLUNGSKOPF AUTOM. BREMSE	962 200 222 0
9	4 TRISTOPZYLINDER	925 ... 0	23	1 KUPPLUNGSKOPF AUTOM. VORRAT	962 200 221 0
8	1 RUECKSCHLAGVENTIL	434 014 000 0	22	2 SPANNBAND	451 999 ... 2
7	1 ANH-MODULATOR MAXENSION MODUL	480 102 ... 0	21	1 LUF-TBEHAELTER	960 ... 0
6	2 ENTWASSERUNGVENTIL	934 300 001 0	20	1 ANH-STEUERVENTIL	973 ... 0
5	2 SPANNBAND	451 999 ... 2	19	1 ZWEIFACHVENTIL	434 208 02 0
4	1 LUF-TBEHAELTER	950 ... 0	18	2 ABS-SENSOR	441 032 8.. 0
3	1 PARK-LOESE-SICHERH.-VENT. (PREV)	971 002 9.. 0	17	1 DIAGNOSKABEL	*** 449 611 ... 0
2	1 KUPPLUNGSKOPF M. INT. LEITUNGSSFILTER	952 201 ... 0	16	1 DAPPEL ABS-FERVENTIL	434 500 003 0
1	1 KUPPLUNGSKOPF M. INT. LEITUNGSSFILTER	952 201 ... 0	15	1 VERSORNGUNGSKABEL	449 133 ... 0

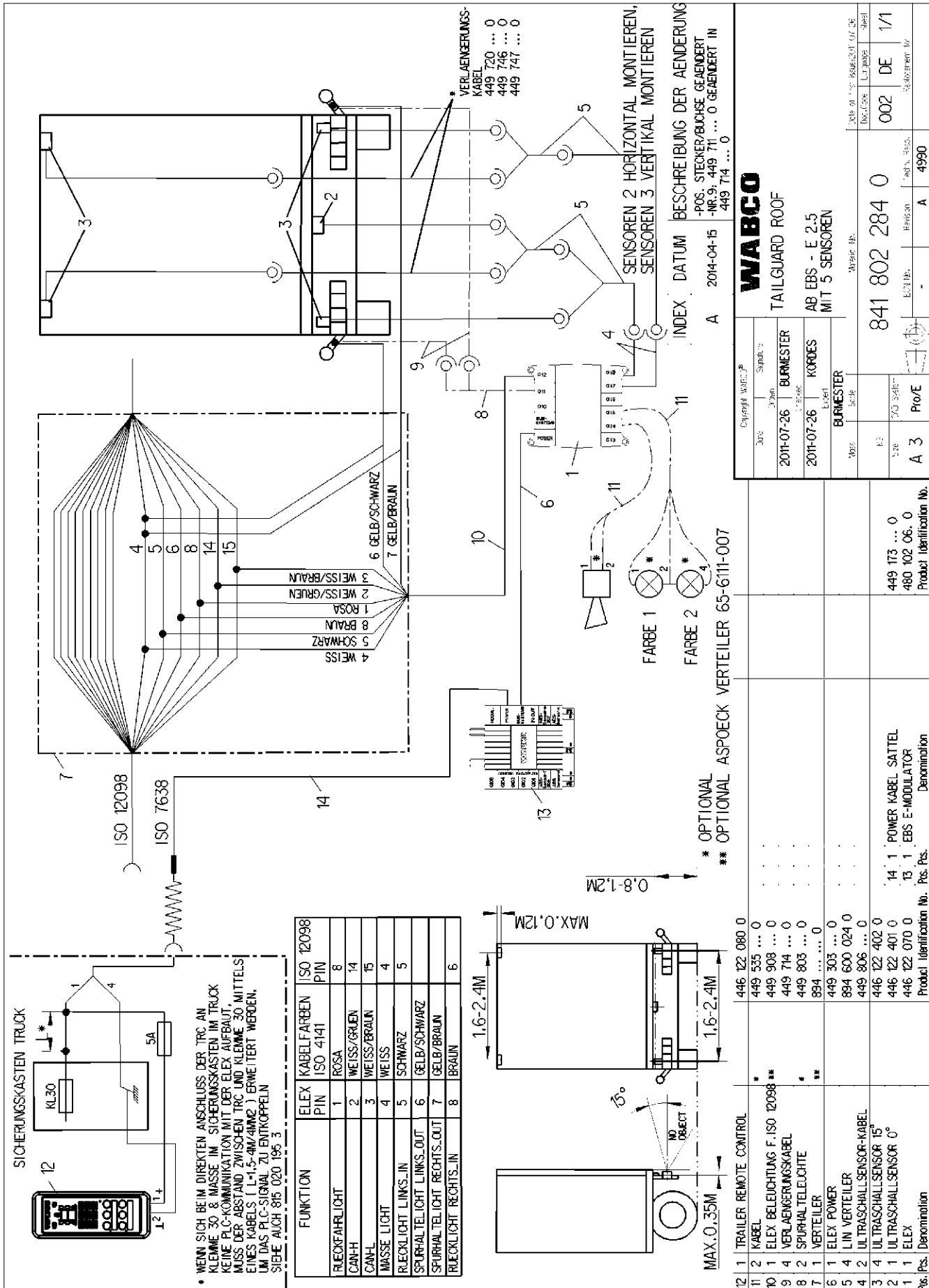
WABCO TRAILER - EBS E FUER 2-ACHS-SATTELANFAEGER MIT CAN-ROUTER 2S/2M		Date of first issue: 2012-07-11 Rev. Code: 1.000006
Part No. 841 701 271 0 Sup. SAC System Part. Res.	Part. Res. 002 DE 1/1 Equipment 07	Part. Res. 4990



WABCO		Date of first issue: 2015-02-06	
TRAILER - EBS E FOR SEMITRAILER		Doc. Code: A1.1.002 S102	
WITH TRAILER SAFETY BRAKE AND ECAS		841 802 274 0	
EN 1/1		002	
4990		4990	







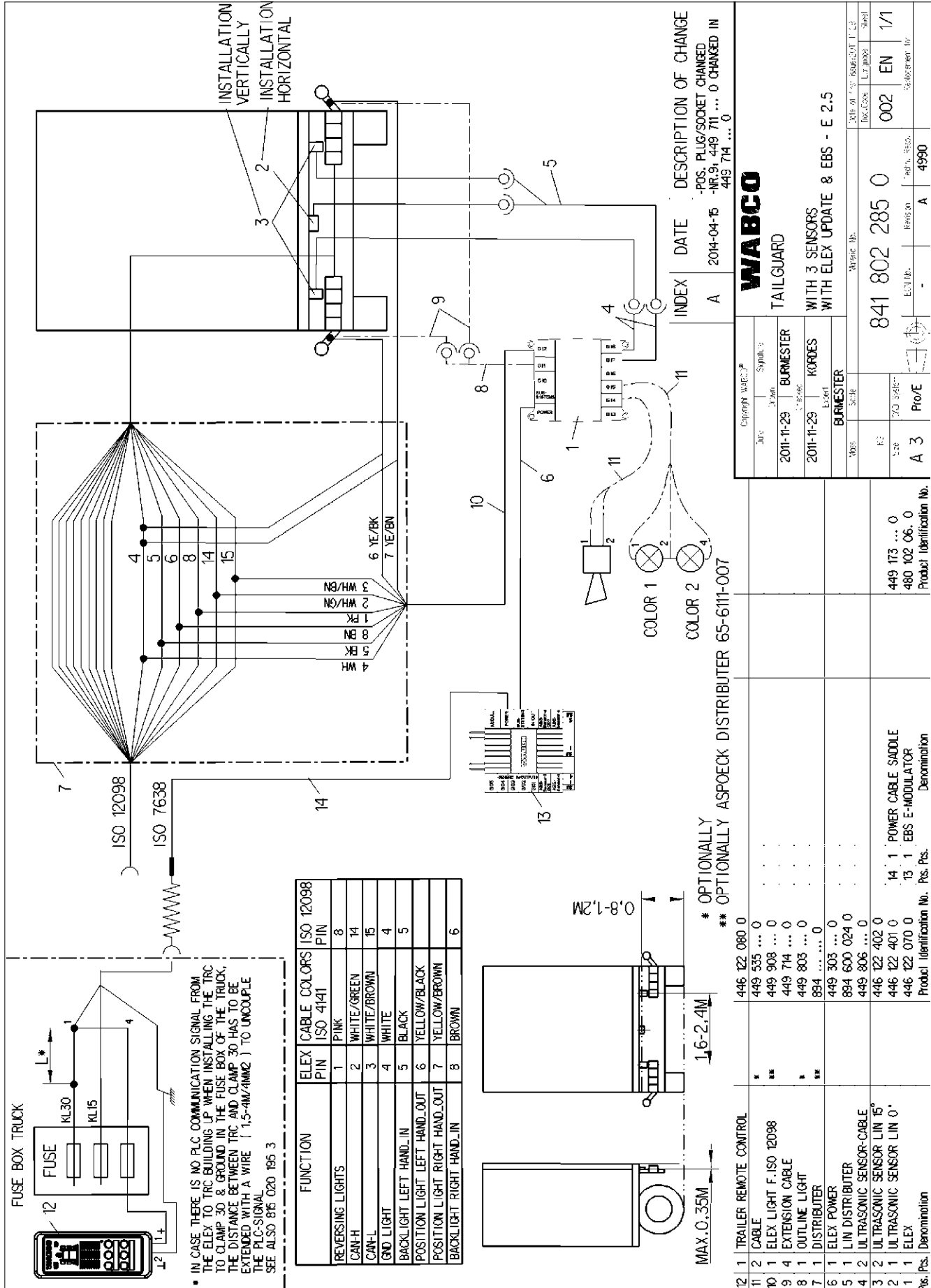
WABCO
TAILGUARD ROOF
AB EBS - E 2.5
MITT 5 SENSOREN

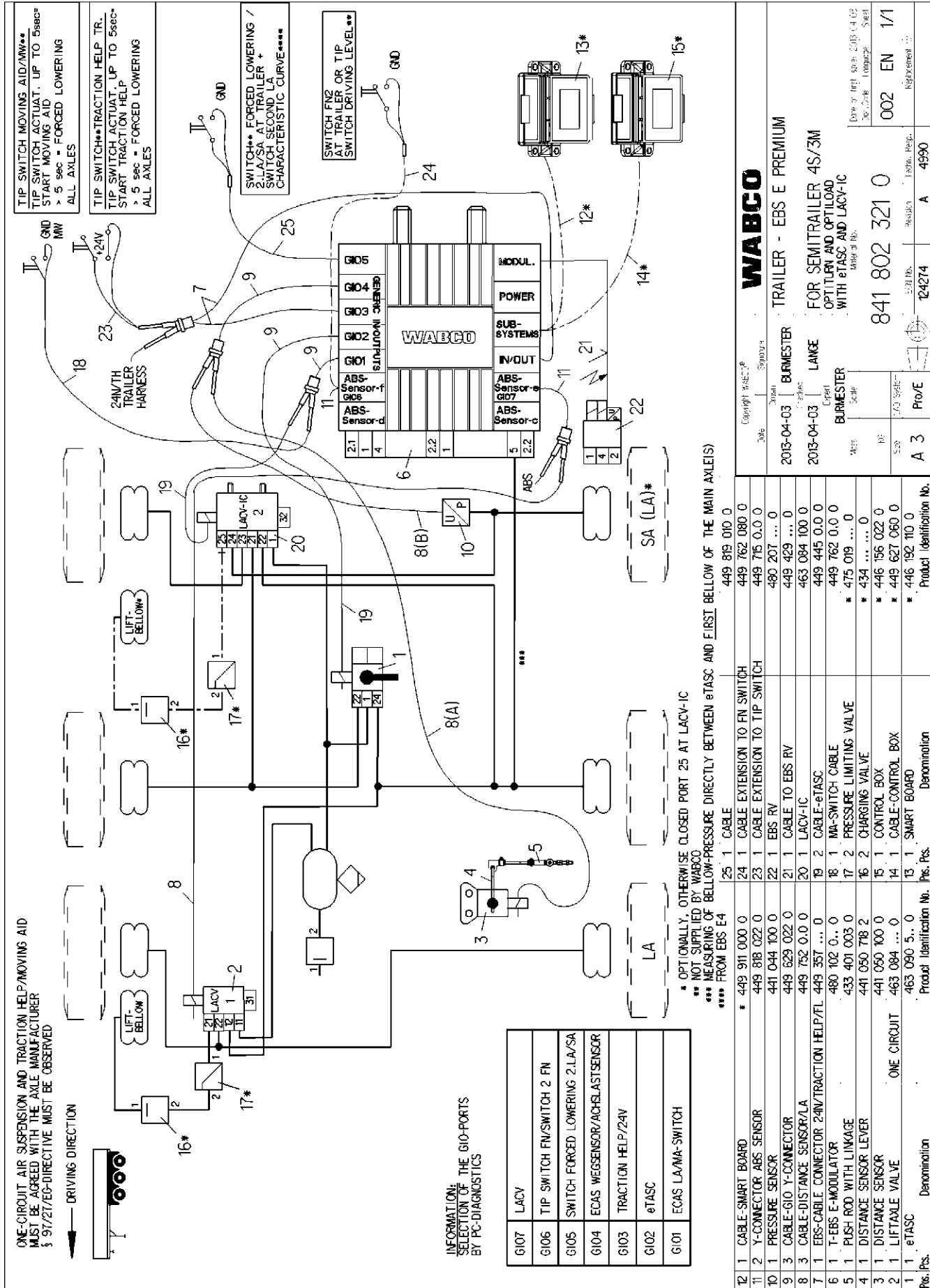
Doc. Code: L7 page: 1 of 2
Date of issue: 2014-04-15

841 802 284 0

002 DE 1/1

4990

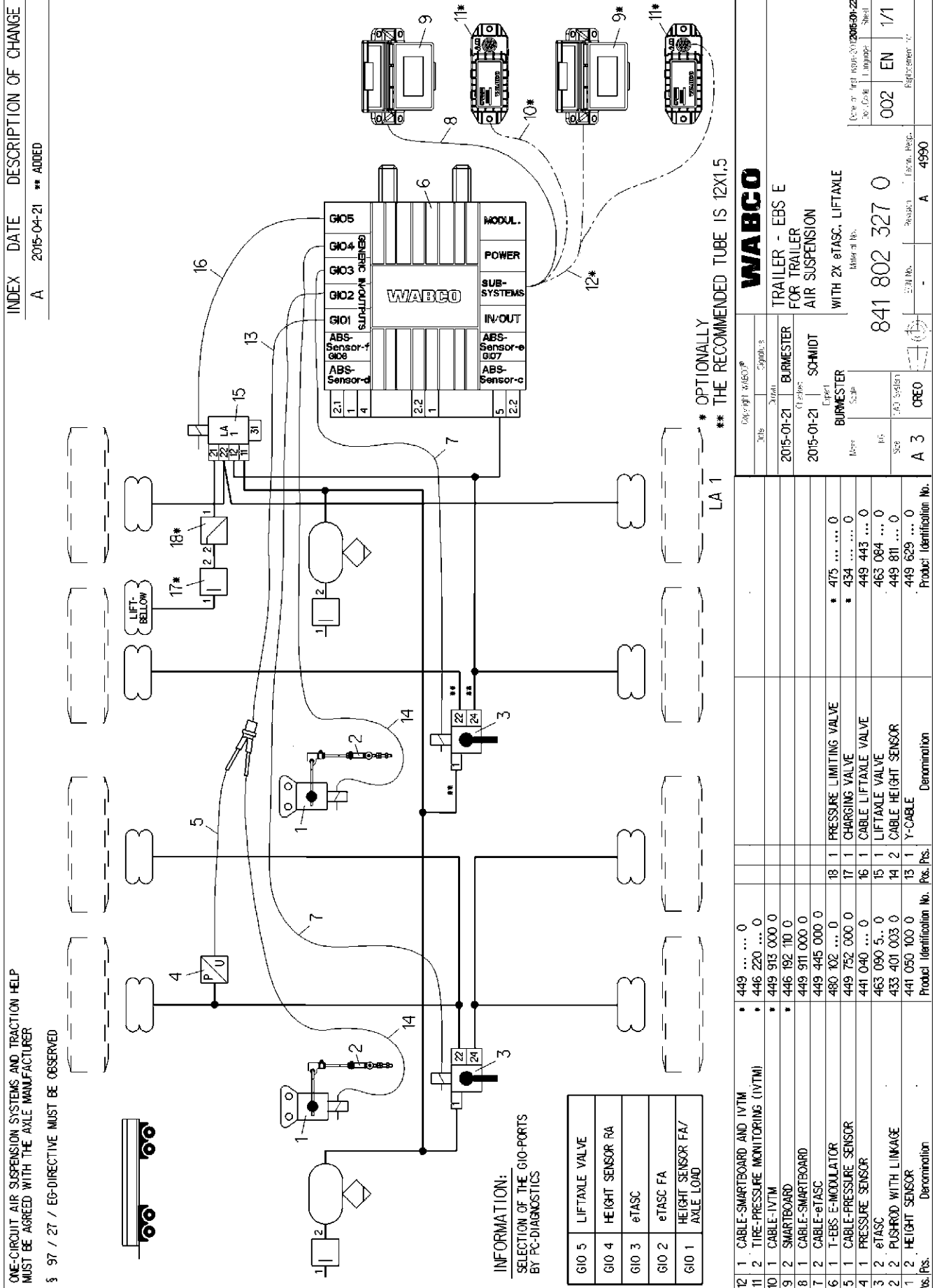


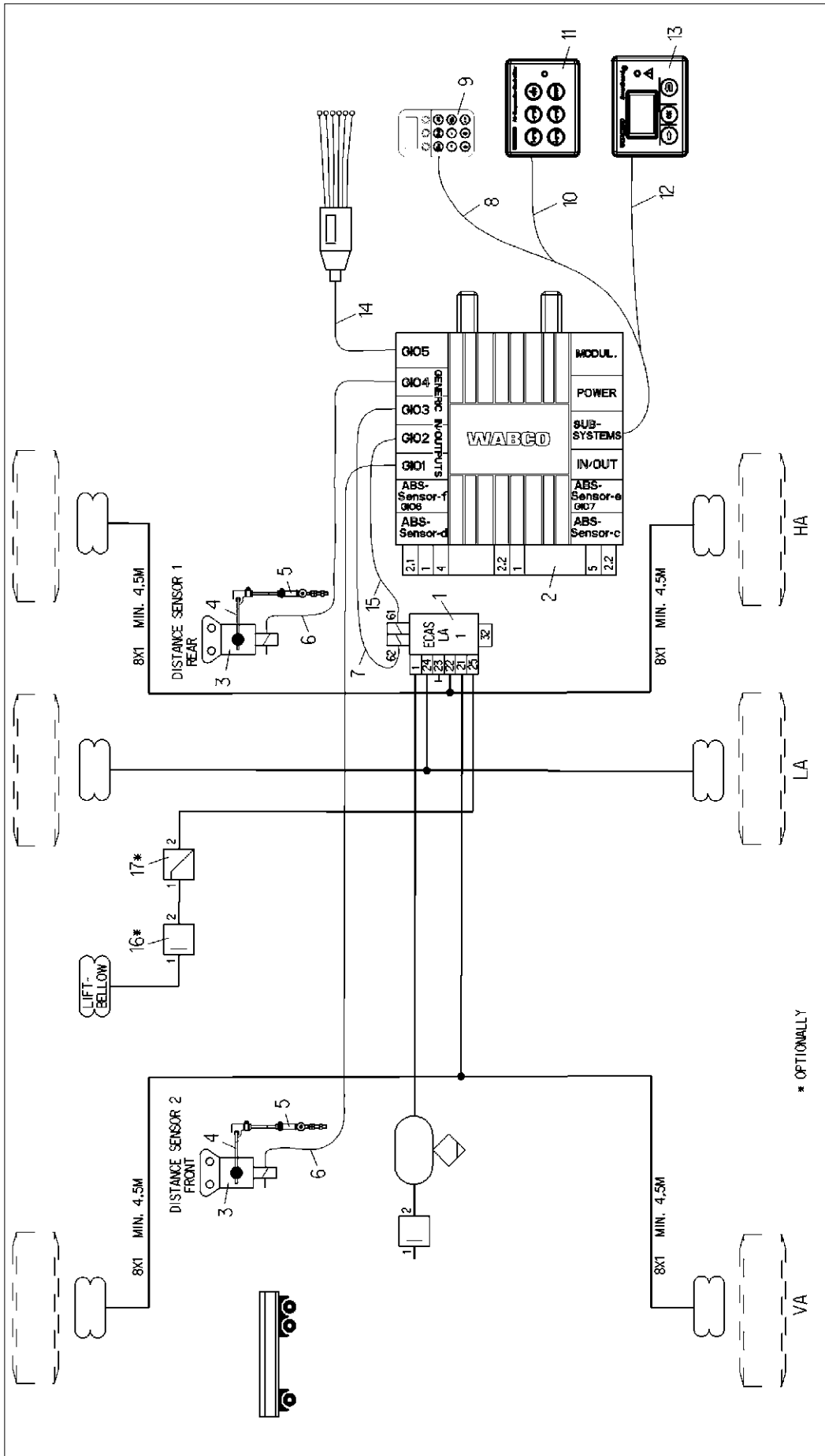


* OPTIONALLY, OTHERWISE CLOSED PORT 25 AT LACV-IC
** NOT SUPPLIED BY WABCO
*** MEASURING OF BELLOW-PRESSURE DIRECTLY BETWEEN eTASC AND FIRST BELLOW OF THE MAIN AXLES
**** FROM EBS E4

12	1	CABLE-SMART BOARD	* 449 911 000 0	24	1	CABLE EXTENSION TO FN SWITCH	449 762 080 0
11	2	Y-CONNECTOR ABS SENSOR	449 818 022 0	23	1	CABLE EXTENSION TO TIP SWITCH	449 775 010 0
10	1	PRESSURE SENSOR	441 044 100 0	22	1	EBS RV	480 207 ... 0
9	3	CABLE-GIO Y-CONNECTOR	449 629 022 0	21	1	CABLE TO EBS RV	449 429 ... 0
8	3	CABLE-DISTANCE SENSOR/LA	449 792 010 0	20	1	LACV-IC	463 084 100 0
7	1	EBS-CABLE CONNECTOR 24V/TRACTION HELP/FL	449 357 ... 0	19	2	CABLE-eTASC	449 445 010 0
6	1	T-EBS E-MODULATOR	480 102 0... 0	18	1	MA-SWITCH CABLE	449 762 010 0
5	1	PUSH ROD WITH LINKAGE	433 401 003 0	17	2	PRESSURE LIMITING VALVE	* 475 019 ... 0
4	1	DISTANCE SENSOR LEVER	441 050 718 2	16	2	CHARGING VALVE	* 434 ... 0
3	1	DISTANCE SENSOR	441 050 100 0	15	1	CONTROL BOX	* 446 156 022 0
2	1	LIFTABLE VALVE	463 084 ... 0	14	1	CABLE-CONTROL BOX	* 449 627 060 0
1	1	eTASC	463 090 5... 0	13	1	SMART BOARD	* 446 192 110 0

Product Identification No. Denomination





2015-01-26		2015-01-26		2015-01-26		2015-01-26		2015-01-26	
Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.
12	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1
6	2	2	2	2	2	2	2	2	2
5	2	2	2	2	2	2	2	2	2
4	2	2	2	2	2	2	2	2	2
3	2	2	2	2	2	2	2	2	2
2	1	1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1	1	1
Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.
Denomination	Denomination	Denomination	Denomination	Denomination	Denomination	Denomination	Denomination	Denomination	Denomination
449 911 ... 0	449 911 ... 0	449 911 ... 0	449 911 ... 0	449 911 ... 0	449 911 ... 0	449 911 ... 0	449 911 ... 0	449 911 ... 0	449 911 ... 0
446 156 02 0	446 156 02 0	446 156 02 0	446 156 02 0	446 156 02 0	446 156 02 0	446 156 02 0	446 156 02 0	446 156 02 0	446 156 02 0
449 627 ... 0	449 627 ... 0	449 627 ... 0	449 627 ... 0	449 627 ... 0	449 627 ... 0	449 627 ... 0	449 627 ... 0	449 627 ... 0	449 627 ... 0
446 056 11 0	446 056 11 0	446 056 11 0	446 056 11 0	446 056 11 0	446 056 11 0	446 056 11 0	446 056 11 0	446 056 11 0	446 056 11 0
449 628 ... 0	449 628 ... 0	449 628 ... 0	449 628 ... 0	449 628 ... 0	449 628 ... 0	449 628 ... 0	449 628 ... 0	449 628 ... 0	449 628 ... 0
449 445 ... 0	449 445 ... 0	449 445 ... 0	449 445 ... 0	449 445 ... 0	449 445 ... 0	449 445 ... 0	449 445 ... 0	449 445 ... 0	449 445 ... 0
449 811 ... 0	449 811 ... 0	449 811 ... 0	449 811 ... 0	449 811 ... 0	449 811 ... 0	449 811 ... 0	449 811 ... 0	449 811 ... 0	449 811 ... 0
433 401 003 0	433 401 003 0	433 401 003 0	433 401 003 0	433 401 003 0	433 401 003 0	433 401 003 0	433 401 003 0	433 401 003 0	433 401 003 0
441 050 718 2	441 050 718 2	441 050 718 2	441 050 718 2	441 050 718 2	441 050 718 2	441 050 718 2	441 050 718 2	441 050 718 2	441 050 718 2
441 050 100 0	441 050 100 0	441 050 100 0	441 050 100 0	441 050 100 0	441 050 100 0	441 050 100 0	441 050 100 0	441 050 100 0	441 050 100 0
480 102 0 ... 0	480 102 0 ... 0	480 102 0 ... 0	480 102 0 ... 0	480 102 0 ... 0	480 102 0 ... 0	480 102 0 ... 0	480 102 0 ... 0	480 102 0 ... 0	480 102 0 ... 0
472 905 111 0	472 905 111 0	472 905 111 0	472 905 111 0	472 905 111 0	472 905 111 0	472 905 111 0	472 905 111 0	472 905 111 0	472 905 111 0
Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.
434 ... 0	434 ... 0	434 ... 0	434 ... 0	434 ... 0	434 ... 0	434 ... 0	434 ... 0	434 ... 0	434 ... 0
475 ... 0	475 ... 0	475 ... 0	475 ... 0	475 ... 0	475 ... 0	475 ... 0	475 ... 0	475 ... 0	475 ... 0
449 439 030 0	449 439 030 0	449 439 030 0	449 439 030 0	449 439 030 0	449 439 030 0	449 439 030 0	449 439 030 0	449 439 030 0	449 439 030 0
449 816 ... 0	449 816 ... 0	449 816 ... 0	449 816 ... 0	449 816 ... 0	449 816 ... 0	449 816 ... 0	449 816 ... 0	449 816 ... 0	449 816 ... 0
446 192 11 0	446 192 11 0	446 192 11 0	446 192 11 0	446 192 11 0	446 192 11 0	446 192 11 0	446 192 11 0	446 192 11 0	446 192 11 0
Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.	Product Identification No.
A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3	A 3
Denomination	Denomination	Denomination	Denomination	Denomination	Denomination	Denomination	Denomination	Denomination	Denomination
4990	4990	4990	4990	4990	4990	4990	4990	4990	4990

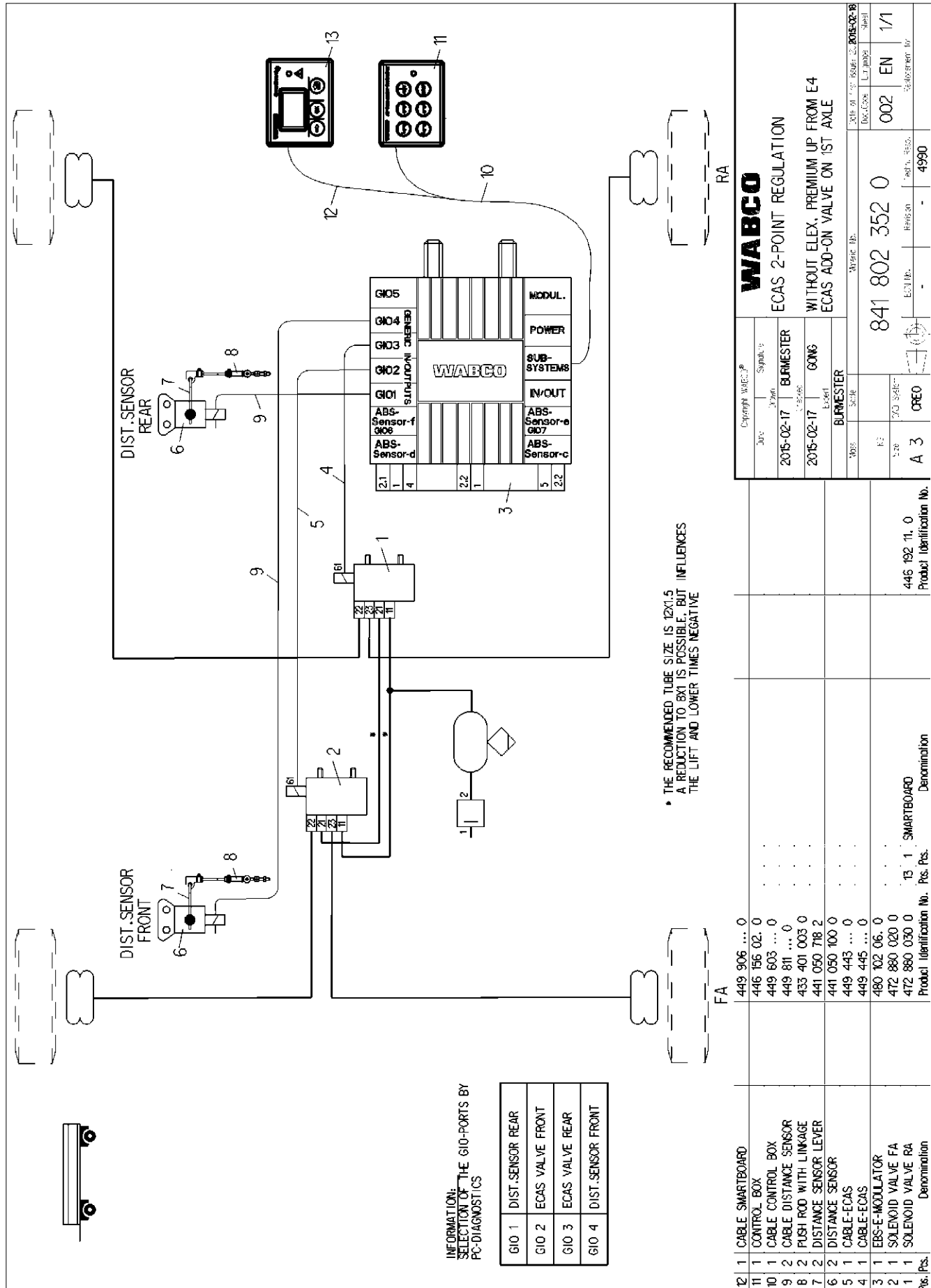
WABCO

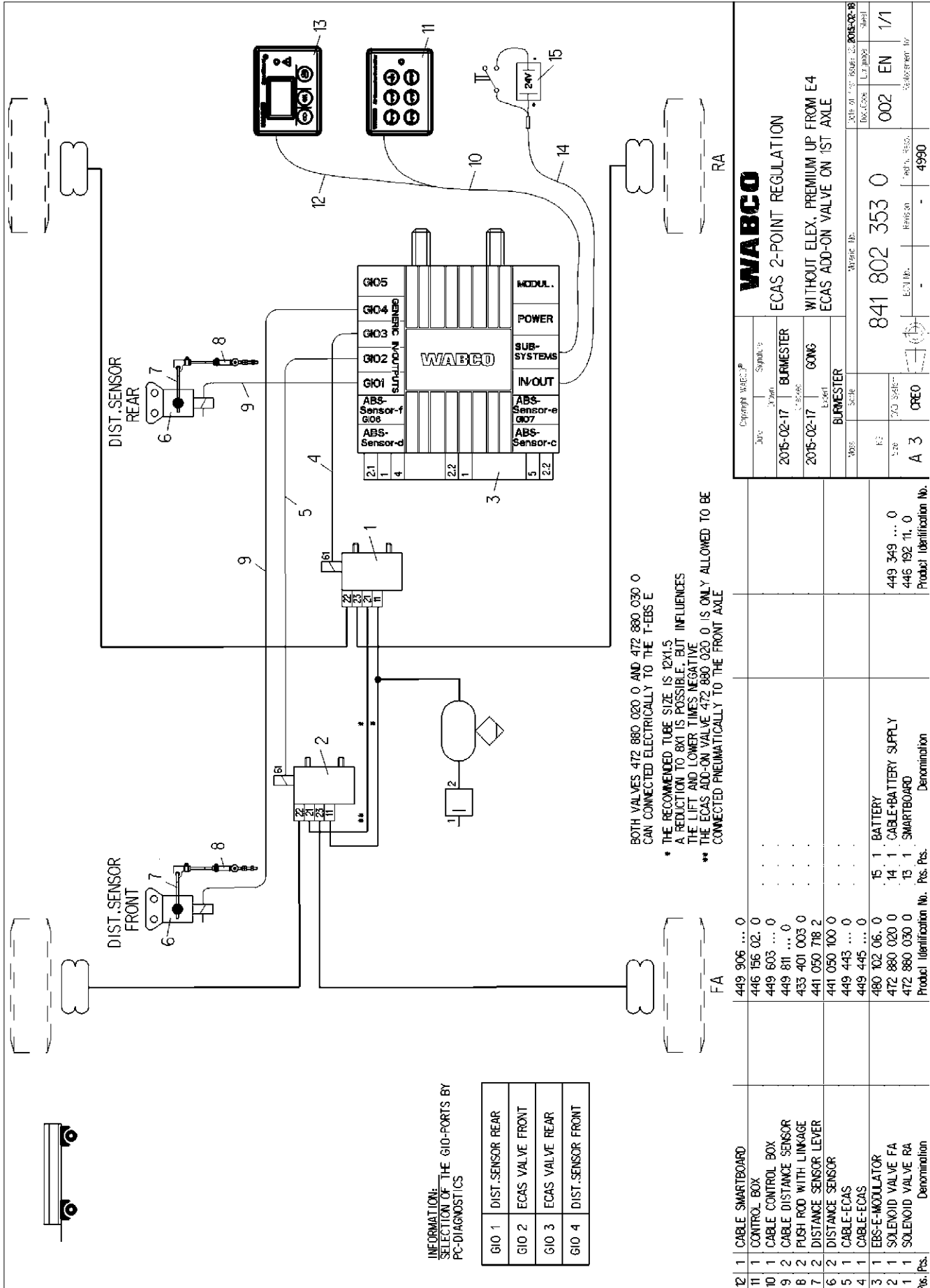
ECAS 2-POINT REGULATION
FOR 3-AXLES-DRUMBAR

841 802 351 0

002 EN 1/1

4990





BOTH VALVES 472 880 020 0 AND 472 880 030 0 CAN CONNECTED ELECTRICALLY TO THE T-EB5 E

* THE RECOMMENDED TUBE SIZE IS 12X1.5 A REDUCTION TO 8X1 IS POSSIBLE, BUT INFLUENCES THE LIFT AND LOWER TIMES. NEGATIVE THE ECAS ADD-ON VALVE 472 880 020 0 IS ONLY ALLOWED TO BE CONNECTED PNEUMATICALLY TO THE FRONT AXLE

**

Pos.	Pos.	Denomination	Product Identification No.	Pos.	Pos.	Denomination
12	1	CABLE SMARTBOARD	449 906 ... 0			
11	1	CONTROL BOX	446 156 02 0			
10	1	CABLE CONTROL BOX	449 603 ... 0			
9	2	CABLE DISTANCE SENSOR	449 811 ... 0			
8	2	PUSH ROD WITH LINKAGE	433 401 003 0			
7	2	DISTANCE SENSOR LEVER	441 050 718 2			
6	2	DISTANCE SENSOR	441 050 100 0			
5	1	CABLE-ECAS	449 443 ... 0			
4	1	CABLE-ECAS	449 445 ... 0			
3	1	EBS-E-MODULATOR	480 102 06 0	15	1	BATTERY
2	1	SOLENOID VALVE FA	472 880 020 0	14	1	CABLE-BATTERY SUPPLY
1	1	SOLENOID VALVE RA	472 880 030 0	13	1	SMARTBOARD

2 Braking diagrams

2.1 Semitrailer

AXLE(S)	ABS SYSTEM	NUMBER	TRISTOP™	OVERLOAD PROTECTION VALVE	PEM	MECHANICAL SUSPENSION	ADDITIONAL TRAILER	PREV	COMMENT	PAGE
1	2S/2M	841 701 180 0	x	x				x		72
1	2S/2M	841 701 181 0	x				x	x	Dolly / hydraulic suspension	73
1	2S/2M	841 701 182 0	x		x			x		74
1	2S/2M	841 701 183 0	x	x				x	12 V	75
1	2S/2M	841 701 201 0	x					x		76
1	2S/2M	841 701 202 0	x							77
1	2S/2M	841 701 203 0								78
2	4S/2M 2S/2M	841 701 190 0	x	x				x		79
2	4S/3M	841 701 191 0	x	x				x		80
2	2S/2M	841 701 192 0	x	x						81
2	4S/2M 2S/2M	841 701 193 0	x		x			x		82
2	4S/3M	841 701 195 0	x		x			x	Only one axle Tristop™!	83
2	4S/3M	841 701 196 0	x		x			x		84
2	4S/2M 2S/2M	841 701 197 0	x		x	x		x		85
2	4S/2M 2S/2M	841 701 198 0	x			x		x	one Tristop™ separate	86
2	4S/3M	841 701 199 0	x	x			x	x	CAN router	87
2	4S/2M 2S/2M	841 701 270 0	x	x			x	x	CAN router	88
2	2S/2M	841 701 271 0	x		x			x	CAN router	89
2	4S/3M	841 701 272 0	x					x		90
2	4S/2M 2S/2M	841 701 273 0	x					x		91
2	4S/2M 2S/2M	841 701 276 0								92
2	2S/2M	841 701 277 0	x	x				x	Select Low	93
2	2S/2M	841 701 278 0	x	x		x		x	Select Low / optional RSS	94
3	4S/3M	841 701 050 0	x					x		95
3	4S/3M	841 701 055 0	x						CAN repeater	96
3	4S/3M	841 701 057 0	x	x				x	CAN repeater and Select Low	97
3	4S/3M	841 701 058 0	x	x				x	CAN repeater	98
3	4S/2M 2S/2M	841 701 100 0	x							99
3	4S/2M 2S/2M	841 701 101 0	x					x		100
3	2S/2M	841 701 102 0	x					x	Select Low	101
3	4S/2M+1M	841 701 103 0	x					x		102
3	4S/2M 2S/2M	841 701 104 0	x					x	Trailer Central Electronic	103
3	4S/2M+1M	841 701 105 0	x			x		x		104
3	4S/2M 2S/2M	841 701 106 0	x	x				x		105

Braking diagrams

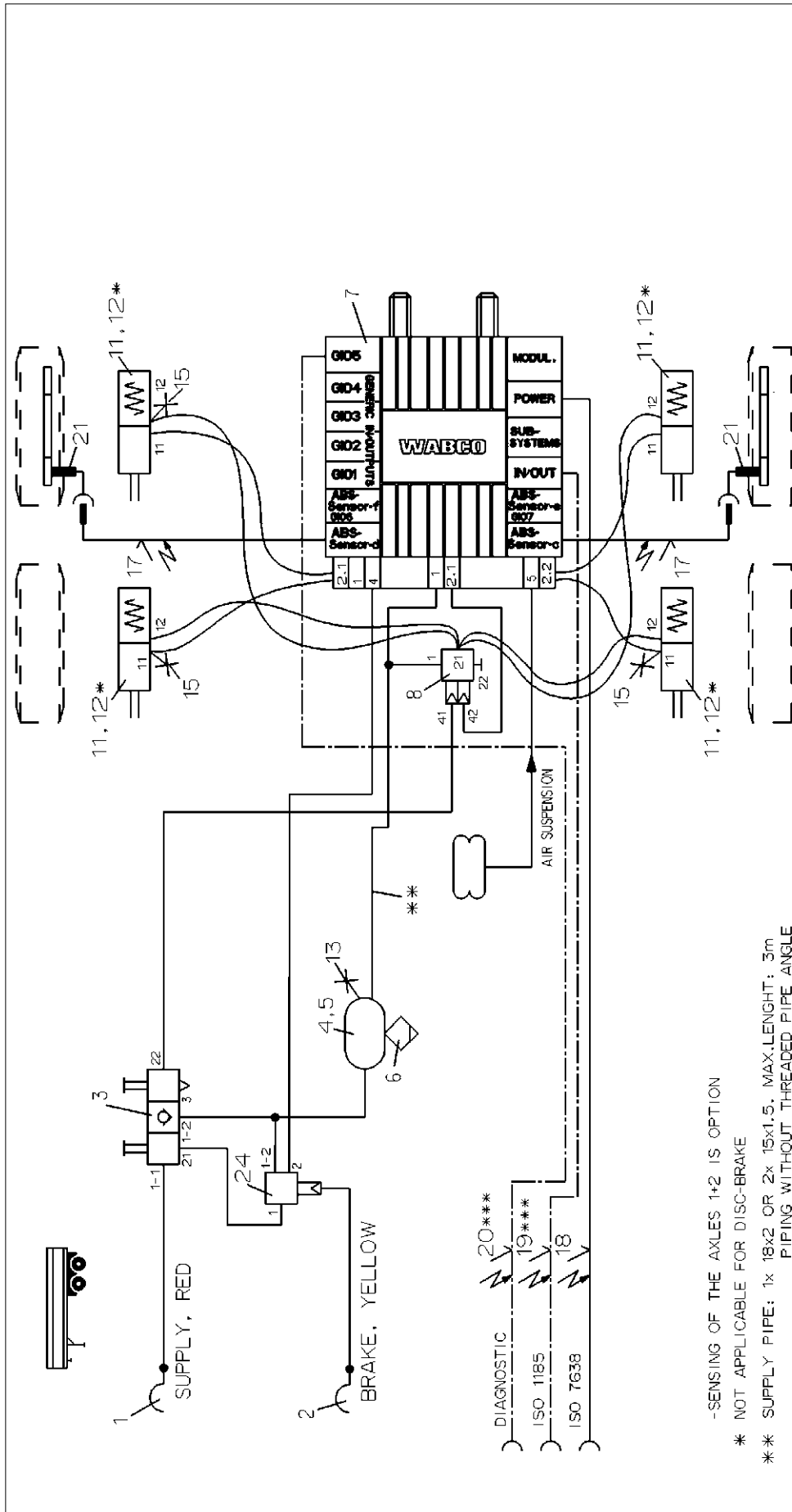
Semitrailer

AXLE(S)	ABS SYSTEM	NUMBER	TRISTOP™	OVERLOAD PROTECTION VALVE	PEM	MECHANICAL SUSPENSION	ADDITIONAL TRAILER	PREV	COMMENT	PAGE
3	2S/2M	841 701 107 0	x	x				x	Select Low	106
3	2S/2M	841 701 108 0	x		x			x	Select Low (relay valve)	107
3	2S/2M	841 701 109 0	x					x	Select Low (relay valve)	108
3	4S/2M 2S/2M	841 701 110 0	x		x			x	Tristop axles 1 + 2	109
3	4S/3M	841 701 111 0	x		x			x		110
3	2S/2M	841 701 112 0	x	x				x	Select Low (relay valve)	111
3	4S/3M	841 701 113 0	x	x				x		112
3	4S/3M	841 701 114 0	x	x						113
3	4S/2M	841 701 115 0	x		x			x	Internal loader	114
3	4S/2M 2S/2M	841 701 116 0	x	x			x	x		115
3	2S/2M	841 701 117 0	x		x			x	Select Low	116
3	4S/2M+1M	841 701 118 0	x		x			x		117
3	4S/3M	841 701 119 0	x		x			x	EBS relay on axle 1	118
3	4S/2M+1M	841 701 221 0	x		x			x		119
3	4S/2M 2S/2M	841 701 222 0								120
3	4S/2M+1M	841 701 223 0	x	x				x		121
3	4S/3M	841 701 224 0								122
3	4S/2M 2S/2M	841 701 227 0	x		x			x	Immobilizer	123
3	4S/2M 2S/2M	841 701 228 0	x		x		x	x	CAN router	124
3	4S/2M 2S/2M	841 701 229 0	x	x			x	x	CAN router	125
3	4S/2M+1	841 701 230 0	x		x		x	x	CAN router	126
3	4S/2M 2S/2M	841 701 231 0	x		x			x	3 axles Tristop™	127
3	4S/3M	841 701 232 0	x		x			x		128
3	4S/3M	841 701 234 0	x		x		x	x	CAN router	129
3	4S/3M	841 701 235 0	x	x			x	x	CAN router	130
3	2S/2M	841 701 236 0	x		x			x	Select Low + optional relay	131
3	4S/2M 2S/2M	841 701 237 0	x					x		132
3	4S/3M	841 701 238 0	x					x		133
3	4S/2M 2S/2M	841 701 239 0	x		x			x		134
3	4S/2M 2S/2M	841 701 260 0	x	x				x	Multi-voltage	135
3	4S/2M 2S/2M	841 701 261 0	x					x		136
3	4S/2M	841 701 263 0	x	x				x	CAN repeater / 6x Tristop™	137
3	4S/2M 2S/2M	841 701 264 0	x		x			x	LACV / electronic parking brake	138
3	4S/3M	841 701 265 0	x		x			x	3 axles Tristop™	139
4	4S/3M	841 701 050 0	x					x		140
4	4S/3M	841 701 051 0	x	x					Select Low 1st axle	141

Braking diagrams

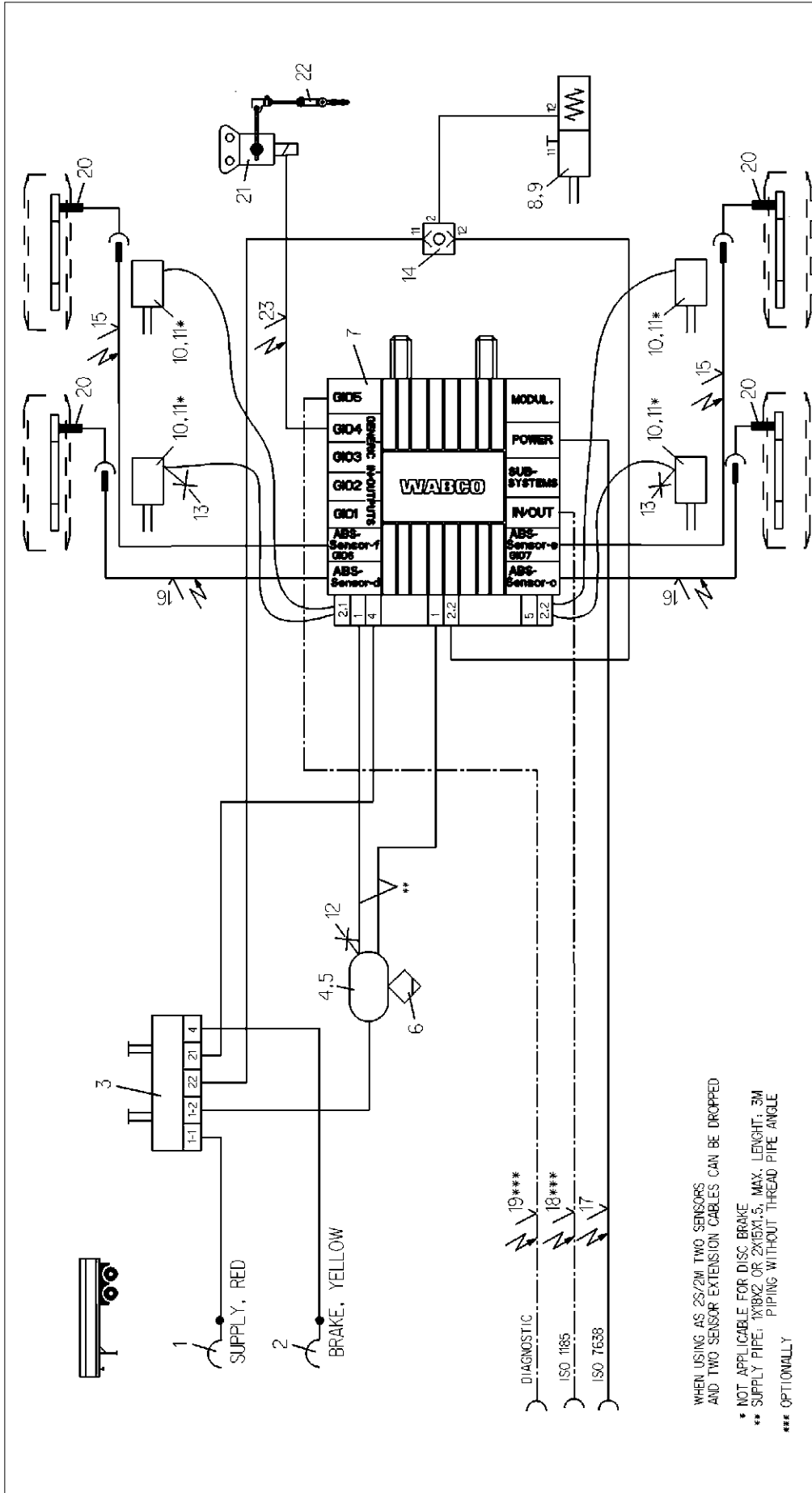
Semitrailer

AXLE(S)	ABS SYSTEM	NUMBER	TRISTOP™	OVERLOAD PROTECTION VALVE	PEM	MECHANICAL SUSPENSION	ADDITIONAL TRAILER	PREV	COMMENT	PAGE
4	4S/3M	841 701 052 0	x		x			x	Select Low 1st axle (relay valve)	142
4	4S/3M	841 701 053 0	x		x			x	CAN repeater extendable	143
4	4S/3M	841 701 054 0	x		x			x	CAN repeater extendable	144
4	4S/3M	841 701 055 0	x						CAN repeater extendable	145
4	4S/3M	841 701 056 0	x		x			x	Hydraulic suspension	146
4	4S/3M	841 701 059 0	x	x				x	Auxiliary relay	147
4	4S/3M	841 701 240 0	x	x				x	CAN repeater extendable	148
4	4S/3M	841 701 241 0 (only in German available)	x		x			x		149
4	4S/3M	841 701 242 0	x		x			x	3 axles Tristop™	150
4	4S/3M	841 701 244 0	x		x			x	3 axles Tristop™/ optional PR switch	151
4	4S/3M	841 701 245 0	x	x				x	Auxiliary relay at front	152
4	4S/3M	841 701 246 0	x	x				x	Select Low 1st axle / relay at front	153
4	4S/3M	841 701 247 0	x	x				x	CAN repeater / auxiliary relay and air reservoir	154
4	4S/3M	841 701 248 0	x	x				x	CAN repeater / auxiliary relay and air reservoir	155
6	2S/2M + 2S/2M	841 701 300 0	x		x				CAN router 2x ECU	156
7	4S/3M + 2S/2M	841 701 171 0 (only in German available)	x	x				x	CAN router 2x ECU	157
7	4S/3M	841 701 210 0	x					x	Hydraulic suspension	158
7	4S/3M + 2S/2M	841 701 211 0	x		x				CAN router 2x ECU	159
8	2S/2M + 4S/3M	841 701 301 0	x		x				CAN router 2x ECU	160
9	4S/3M + 4S/3M	841 701 302 0	x		x				CAN router 2x ECU	161



Kit		Emergency Valve		Product Identification No.		Denomination	
4	KIT	423 903 532 2	24 1	EMERGENCY VALVE	971 002 301 0		
1	4	TRISTOP BRAKE ACTUATOR	23				
1	4	TRISTOP BRAKE ACTUATOR	22				
3	1	OVERLOAD-PROTECT.-RV	20 1	DIAGNOSTIC CABLE	441 032 8... 0		
7	1	TRAILER-MODULATOR	19 1	2-IN-CABLE	449 611 ... 0		
5	1	DRAIN VALVE	18 1	POWER CABLE	449 349 ... 0		
5	2	HOSE O.A.M.P.	17 2	EXTENSION CABLE FOR SENSOR	449 173 ... 0		
4	1	AIR RESERVOIR	16		449 723 ... 0		
3	1	TRAILER-RELEASE-VALVE	15 3	TEST CONNECTION	463 703 036 0		
2	1	COUPLING HEAD W. INT.-LINE FILTER	14		463 703 115 0		
1	1	COUPLING HEAD W. INT.-LINE FILTER	13 1	TEST CONNECTION			
s/	Pcs.	Denomination	Pos./Pcs.	Denomination	Product Identification No.		

WABCO		TRAILER - EBS E	
Date	2009-03-03	Exec.	BURMESTER
Sub-System	2009-03-03	Chronis	FOR 2-AXLES-SEMITRAILER
Mass	BURMESTER	Part	2S/2M
Spn.	-	Lab. System	
Part. No.	841 701 192 0	Techn. Desc.	
Doc. Code	002	Equipment No.	4990
Date of first issue	2009-03-03		



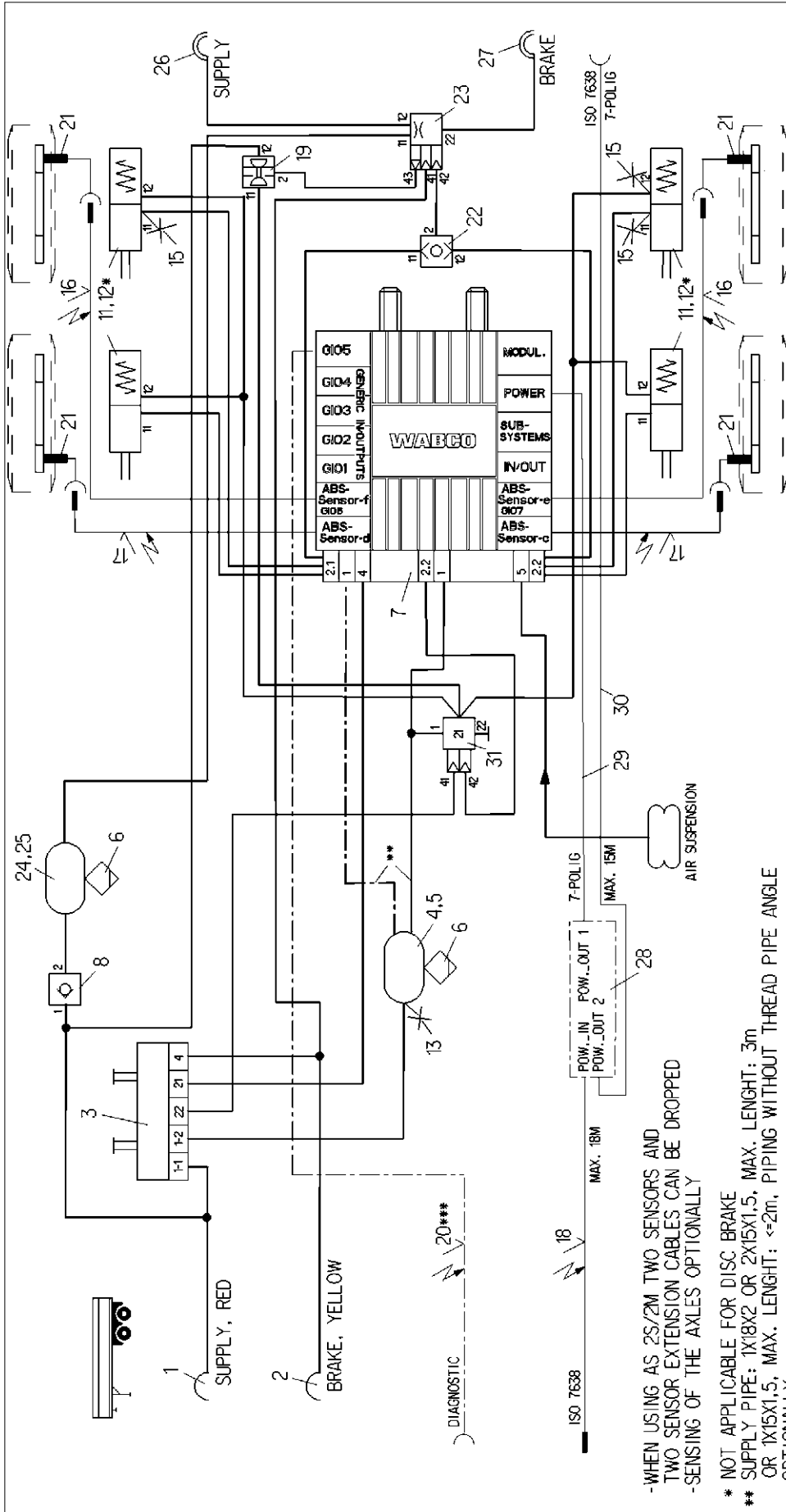
WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED

* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE: 1X18X2 OR 2X15X1.5, MAX. LENGTH: 3M
 PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY

12	1	TEST CONNECTION	463 703 115 0	24					
11	4	KIT	423 2	23	1	GIO-CABLE DISTANCE SENSOR LINKAGE	449 811 ... 0		
10	4	BRAKE CHAMBER	423 0	22	1	LINKAGE	433 401 003 0		
9	1	KIT	423 903 532 2	21	1	DISTANCE SENSOR	441 050 100 0		
8	1	TRISTOP BRAKE ACTUATOR	925 0	20	4	ABS-SENSOR	441 032 8... 0		
7	1	TRAILER-MODULATOR	480 102 ... 0	19	1	DIAGNOSTIC CABLE	449 611 ... 0		
6	1	DRAIN VALVE	934 300 001 0	18	1	24V-CABLE	449 349 ... 0		
5	2	HOSE CLAMP	451 999 ... 2	17	1	SUPPLY (POWER) CABLE	449 173 ... 0		
4	1	AIR RESERVOIR	950 0	16	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0		
3	1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	15	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0		
2	1	COUPLING HEAD W. INT.-LINE FILTER	952 201 ... 0	14	1	TWO-WAY VALVE	434 208 055 0		
1	1	COUPLING HEAD W. INT.-LINE FILTER	952 201 ... 0	13	2	TEST CONNECTION	463 703 120 0		
Fig./Pcs.		Denomination	Product Identification No.	Pos./Pcs.		Denomination	Product Identification No.		

Copyright WABCO		WABCO	
Part No.	841 701 198 0	Part No.	841 701 198 0
Revision	002	Revision	002
Date of first issue	2010-12-15	Date of first issue	2010-12-15
Doc. type	EN	Doc. type	EN
Doc. no.	1/1	Doc. no.	1/1

Part No.	841 701 198 0	Part No.	841 701 198 0
Revision	002	Revision	002
Date of first issue	2010-12-15	Date of first issue	2010-12-15
Doc. type	EN	Doc. type	EN
Doc. no.	1/1	Doc. no.	1/1



-WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
 -SENSING OF THE AXLES OPTIONALLY

* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE: 1X18X2 OR 2X15X1.5, MAX. LENGTH: 3m OR 1X15X1.5, MAX. LENGTH: <=2m, PIPING WITHOUT THREAD PIPE ANGLE OPTIONALLY
 *** OPTIONAL

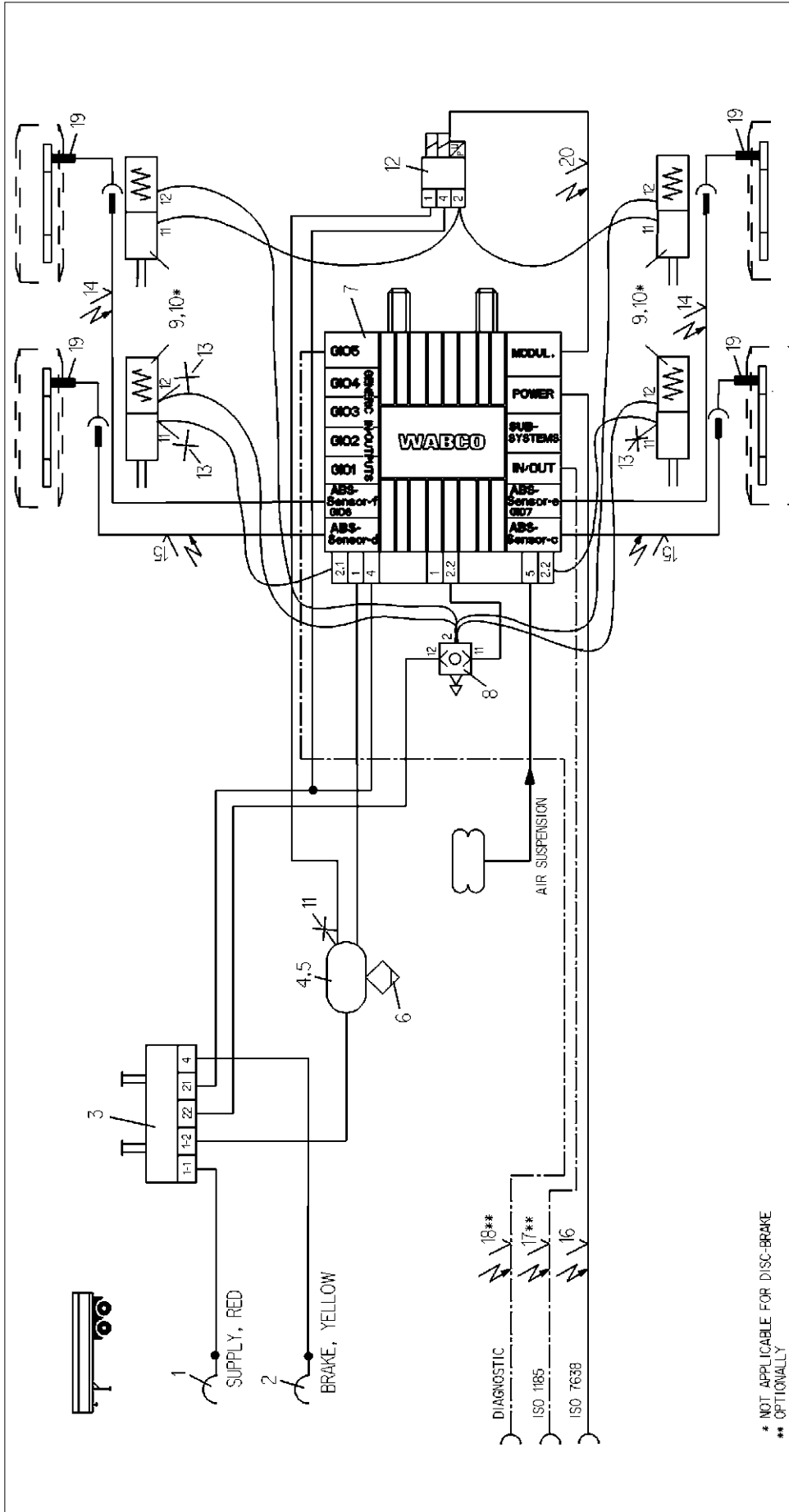
QTY	TEST CONNECTION	Part No.	Description	Product Identification No.	Denomination	Fig. Nos.
31	OVERLOAD PROTECTION-RV	973 011 201 0				
15	3	463 703 036 0	SUPPLY (POWER) CABLE			
14	29	449 347 ... 0	SUPPLY (POWER) CABLE			
13	28	463 703 115 0	CAN-ROUTER			
12	4	* 423 903 532 2	CAN-ROUTER			
11	27	952 200 222 0	COUPLING HEAD AUTOM. BRAKE			
10	26	952 200 221 0	COUPLING HEAD AUTOM. SUPPLY			
9	25	451 999 ... 2	HOSE CLAMP			
8	24	1	AIR RESERVOIR			
7	23	434 014 000 0	TRAILER CONTROL VALVE			
6	22	480 102 ... 0	SELECT HIGH VALVE			
5	21	934 300 001 0	ABS-SENSOR			
4	20	451 999 ... 2	DIAGNOSTIC CABLE			
3	19	950 ... 0	DOUBLE CUT-OFF VALVE			
2	18	971 002 9... 0	PARK-RELEASE-EMERG.-VALVE (PREV)			
1	17	952 201 ... 0	SUPPLY (POWER) CABLE			
1	16	952 201 ... 0	EXTENSION CABLE FOR SENSOR			
1	15	952 201 ... 0	EXTENSION CABLE FOR SENSOR			

INDEX	DATE	DESCRIPTION OF CHANGE
A	2014-04-02	973 011 021 0 CHANGED INTO 973 011 201 0

WABCO
 TRAILER - EBS E
 FOR 2-AXLES-SEMI TRAILER
 WITH CAN-ROUTER
 4S/2M OR 2S/2M

Version: A
 Part No.: 841 701 270 0
 Date of first issue: 2012-06-19
 Rev. Code: 1000028
 Type: EN 1/1

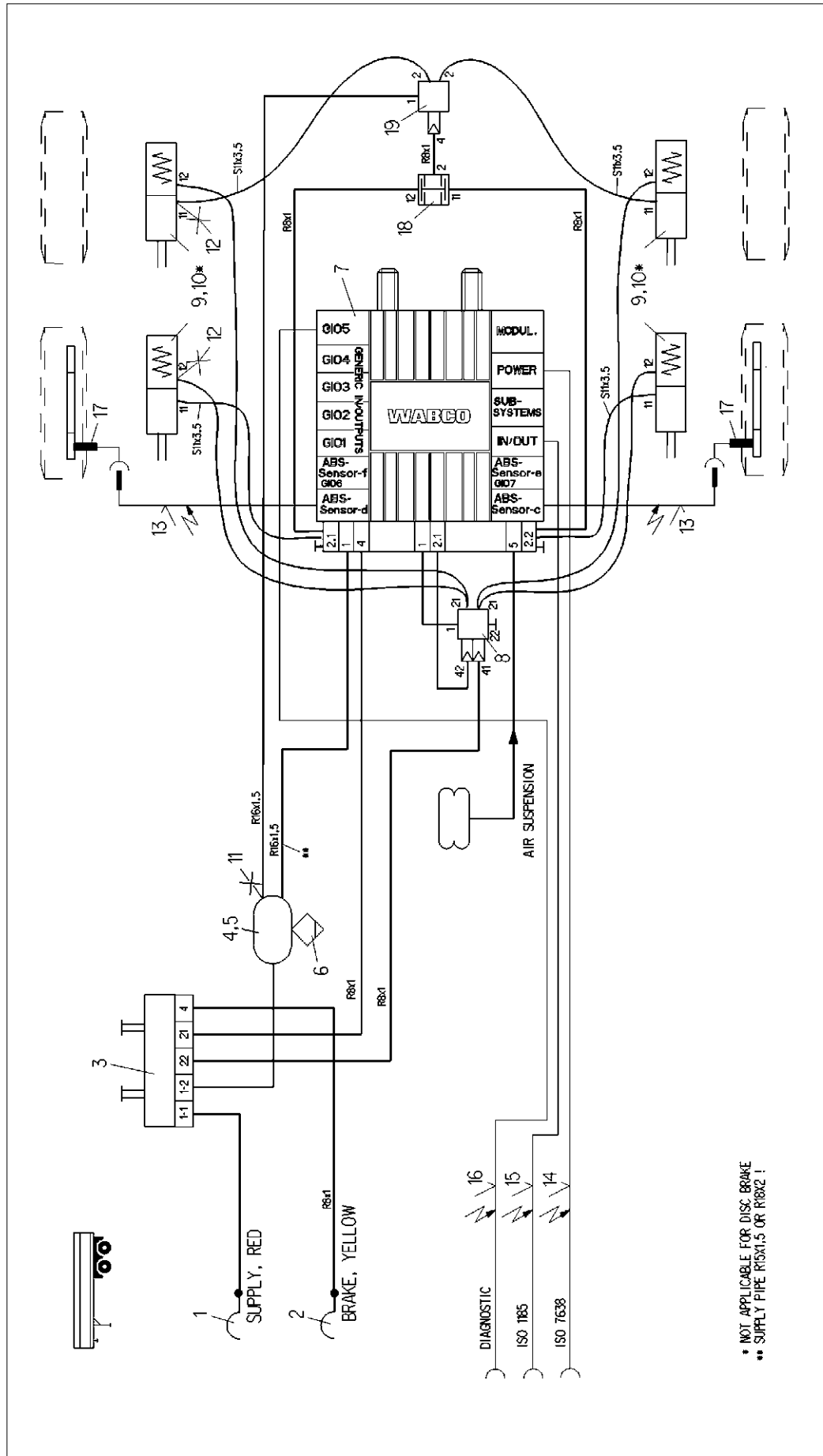
Material No.:
 Part No.:
 Position: A
 Part No.: 4990



* NOT APPLICABLE FOR DISC-BRAKE
 ** OPTIONALLY

Country: WABCO®		Part No.		Description	
File	Serial No.	Part No.	Serial No.	Part No.	Description
2012-07-10	BURMESTER	449 429 ... 0			
2012-07-10	CHRONIS	441 032 8... 0			
		449 611 ... 0			
		449 349 ... 0			
		449 173 ... 0			
		449 723 ... 0			
		449 723 ... 0			
		463 703 036 0			
Date of first issue: 2012-07-10 By: 2012 Issued by: 002 EN 1/1 Replacement for: 4890					

Country: WABCO®		Part No.		Description	
File	Serial No.	Part No.	Serial No.	Part No.	Description
WABCO					
TRAILER - EBS E					
FOR 2-AXLES-SEMI-TRAILER					
4S/3M					
Material No.: 841 701 272 0					
A 3 Pro/E					
Tech. Pers.: 4890					



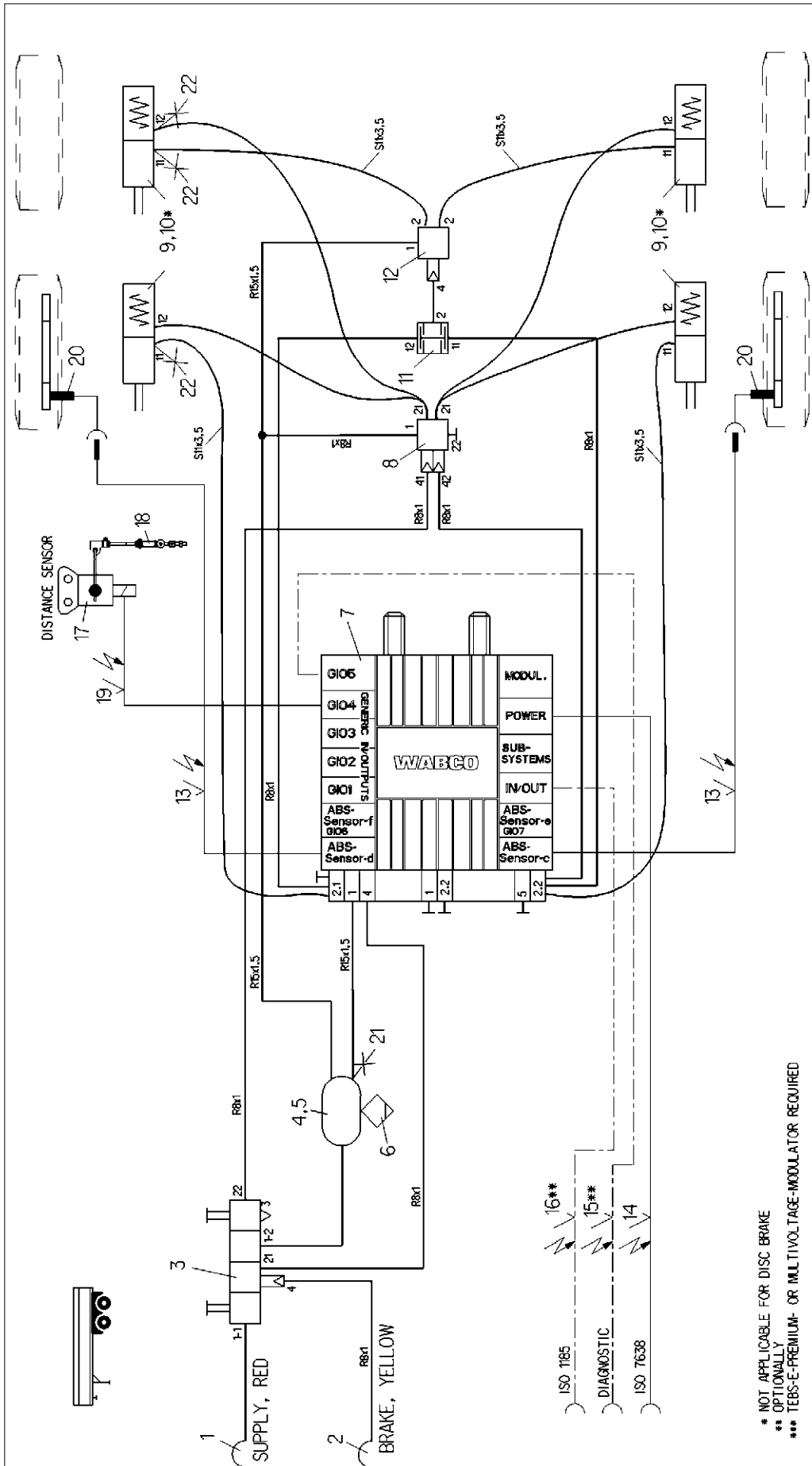
* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE R8x1,5 OR R8x2 !

Qty./Pcs.	Denomination	Product Identification No.	Pcs./Pcs.	Denomination	Product Identification No.
12	TEST CONNECTION	463 703 ... 0	24		
11	TEST CONNECTION	463 703 ... 0	23		
10	4 KIT	423 903 532 2	22		
9	4 TRISTOP BRAKE ACTUATOR	925 ... 0	21		
8	1 OVERLOAD-PROTECTION-RV	973 011 201 0	20		
7	1 TRAILER-MODULATOR	480 702 ... 0	19	1 RELAY VALVE	973 011 ... 0
6	1 DRAIN VALVE	934 300 001 0	18	1 DOUBLE SHUTT-OFF VALVE	434 500 003 0
5	2 HOSE CLAMP	451 999 ... 2	17	2 ABS-SENSOR	441 032 8... 0
4	1 AIR RESERVOIR	950 ... 0	16	1 DIAGNOSTIC CABLE	449 611 ... 0
3	1 PARK-RELEASE-EMERGENCY VALVE (PREV)	971 002 9... 0	15	1 24H-CABLE	449 349 ... 0
2	1 COUPLING HEAD W. INT. LINE FILTER	962 201 ... 0	14	1 SUPPLY (POWER) CABLE	449 173 ... 0
1	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	13	2 EXTENSION CABLE FOR SENSOR	449 723 ... 0

Copyright WABCO®		Date		2014-11-24	
Signature		Drawn		BURMESTER	
Checked		Approved		C-GRONIS	
Emission		Edition		BURMESTER	
Mass		Scale		-	
S/N		CAD Style		-	
A 3		CREO		841 701 277 0	
Product Identification No.		Form No.		4990	
HMR 00495		Revision		002 EN 1/1	
Date of first issue: 2014-11-24		Doc. Look		Library	
Check					

WABCO
 TRAILER - EBS E
 FOR 2-AXLES-SEMITRAILER WITH NLL
 2S/2M + SELECT LOW VALVE

Part of No.
841 701 277 0
 Date of first issue: 2014-11-24
 Doc. Look Library Check

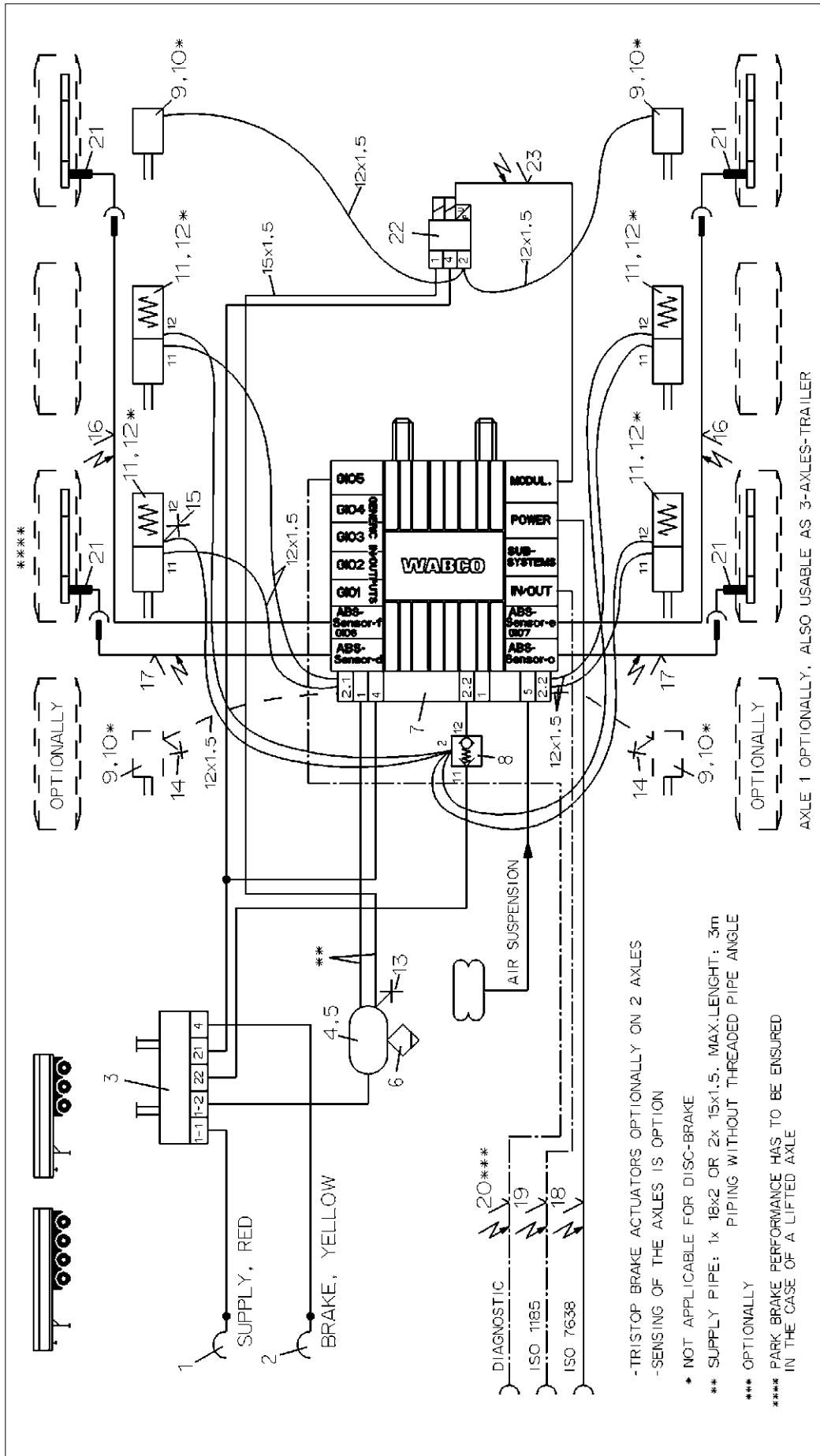


* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONALLY
 *** TEBS-E-PREMIUM- OR MULTIVOLTAGE-MODULATOR REQUIRED

Pos.	Denomination	Product Identification No.	Pos.	Denomination	Product Identification No.
1	RELAY VALVE	973 011 000 0	24		
1	DOUBLE CHECK VALVE	434 500 003 0	23		
4	KIT	423 903 532 2	22	3 TEST CONNECTION	463 703 ... 0
4	TRISTOP BRAKE ACTUATOR	925 0	21	1 TEST CONNECTION	463 703 ... 0
1	OVERLOAD-PROTECTION-RV	973 011 201 0	20	2 ABS-SENSOR	441 0
1	TRAILER-MODULATOR	480 102 ... 0	19	1 GIO-CABLE DISTANCE SENSOR	449 811 ... 0
1	DRAIN VALVE	934 300 001 0	18	1 LINKAGE	433 401 003 0
2	HOSE CLAMP	451 999 ... 2	17	1 DISTANCE SENSOR	441 050 100 0
1	AIR RESERVOIR	930 0	16	1 24N-CABLE	449 349 ... 0
1	PARK-RELEASE-EMERGENCY VALVE (PREV)	971 002 9... 0	15	1 DIAGNOSTIC CABLE	449 611 ... 0
1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	14	1 SUPPLY (POWER) CABLE	449 173 ... 0
1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	13	2 EXTENSION CABLE FOR SENSOR	449 723 ... 0
	Denomination	Product Identification No.		Denomination	Product Identification No.

Date	Author	Checked	Drawn
2014-12-10	BURMESTER		
2014-12-10	CHRONIS		

WABCO
 TRAILER - EBS E
 FOR 2-AXLES-SEMITRAILER
 2S/2M AND SELECT LOW REGULATION ON AXLE 2
 RSS-FUNCTION (STEEL SUSPENSION)
 Part No. 841 701 278 0
 Date of first issue: 2014-12-10
 Excl. Code: 0002
 Language: EN
 Rep./Owner: HMR 00496
 Part No. 841 701 278 0
 Excl. Code: 0002
 Language: EN
 Rep./Owner: HMR 00496
 Part No. 841 701 278 0
 Excl. Code: 0002
 Language: EN
 Rep./Owner: HMR 00496



AXLE 1 OPTIONALLY, ALSO USABLE AS 3-AXLES-TRAILER

Pos./Pcs.	Denomination	Product Identification No.	Pos.	Pcs.	Original weight*		WABCO
					Old	From	
12 4	KIT	423 903 532 2					TRAILER - EBS E
11 4	TRISTOP BRAKE ACTUATOR	925 ... 0	23	1	449 429 000 0		FOR 3- AND 4-AXLES-SEMI TRAILER
10 4	KIT	423 000 ... 2	22	1	480 207 001 0		4S/3M
9 4	BRAKE CHAMBER	423 10 ... 0	21	4	441 032 8... 0		
8 1	TWO-WAY-VALVE	434 208 055 0	20	1	449 611 000 0		
7 1	TRAILER-MODULATOR	480 102 ... 0	19	1	449 349 000 0		
6 1	DRAIN VALVE	934 300 001 0	18	1	449 173 000 0		
5 2	HOSE CLAMP	451 999 ... 2	17	2	449 723 000 0		
4 1	AIR RESERVOIR	950 ... 0	16	2	449 723 000 0		
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	15	1	463 703 035 0		
2 1	COUPLING HEAD W. INT. LINE FILTER	952 201 001 0	14	2	463 703 120 0		
1 1	COUPLING HEAD W. INT. LINE FILTER	952 201 002 0	13	1	463 703 ... 0		
Pos./Pcs.	Denomination	Product Identification No.	Pos.	Pcs.	Denomination	Product Identification No.	

TRAILER - EBS E
FOR 3- AND 4-AXLES-SEMI TRAILER
4S/3M

841 701 050 0

Rev. No. B
4990

Pro/E A 3

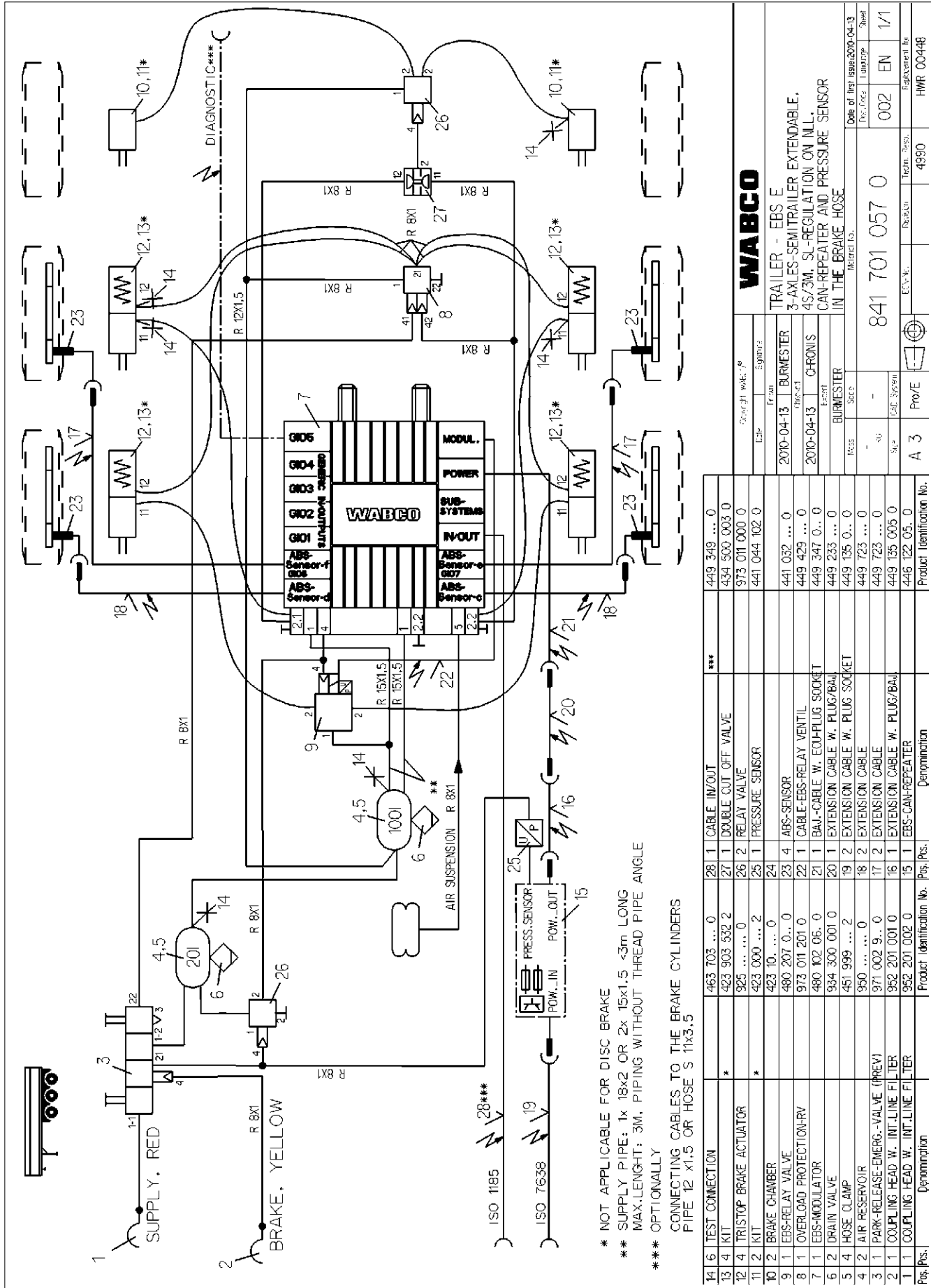
Part No. 123543

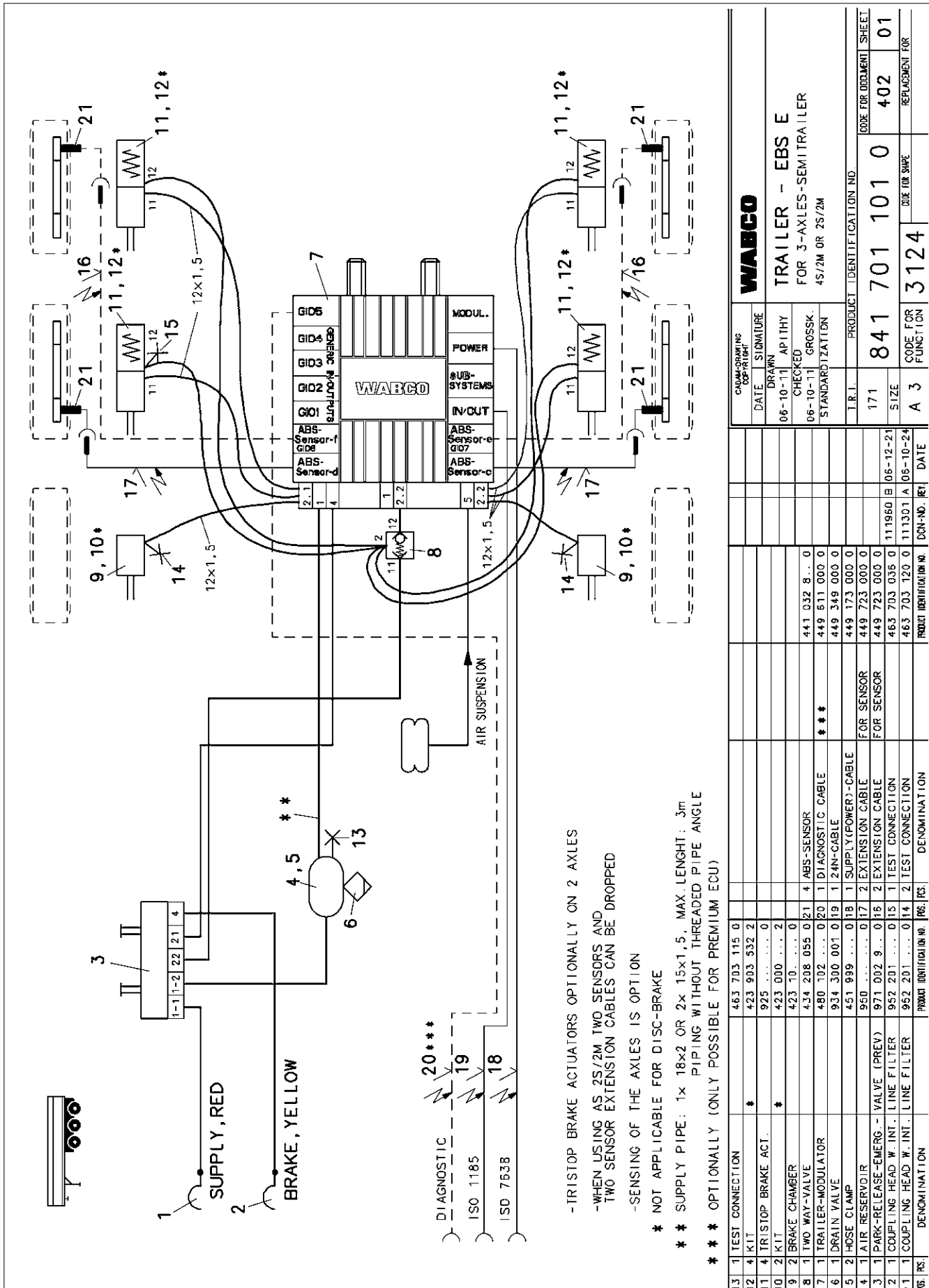
Ex. No. 002

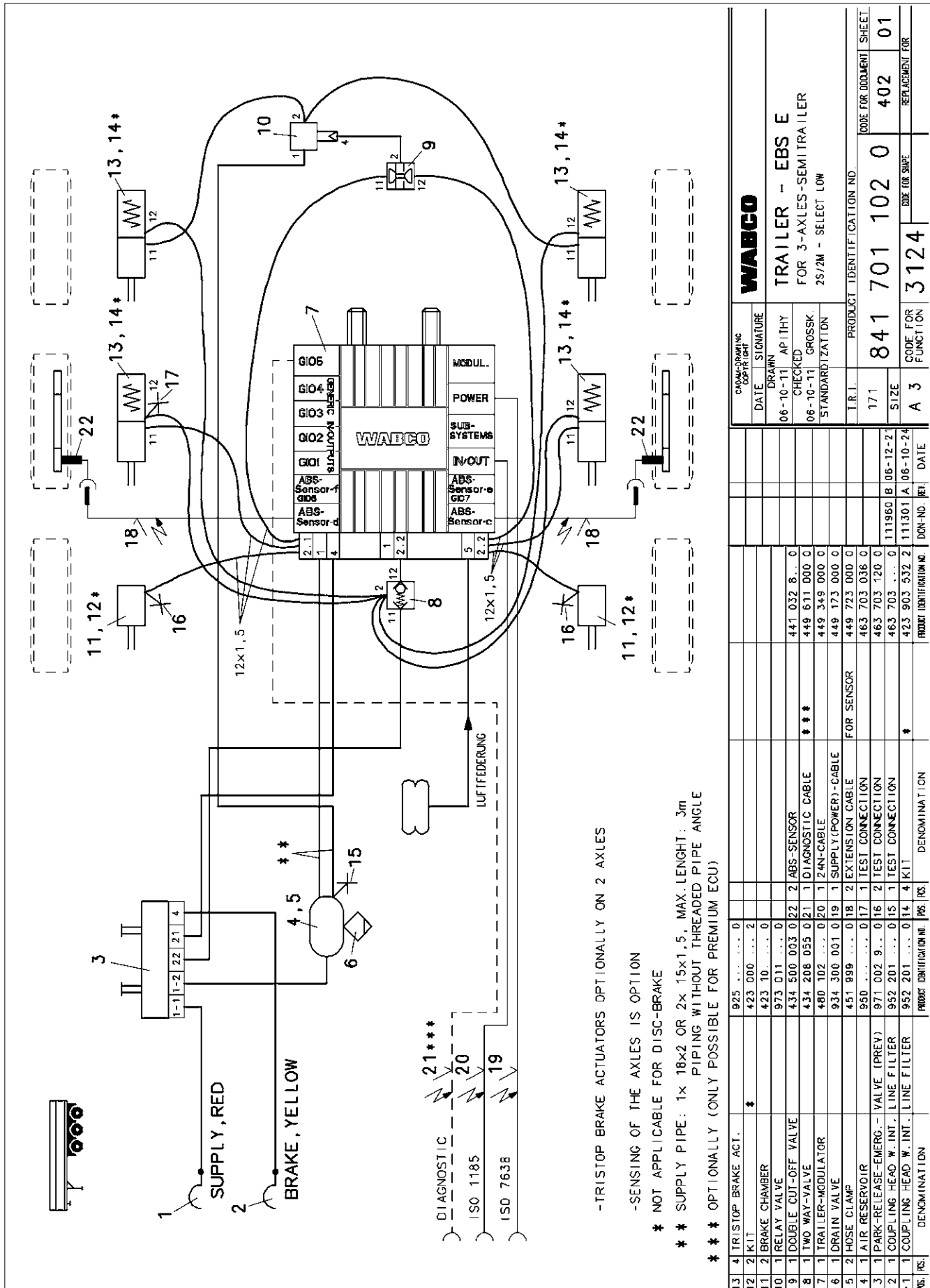
EN 1/1

Rev. No. B
4990

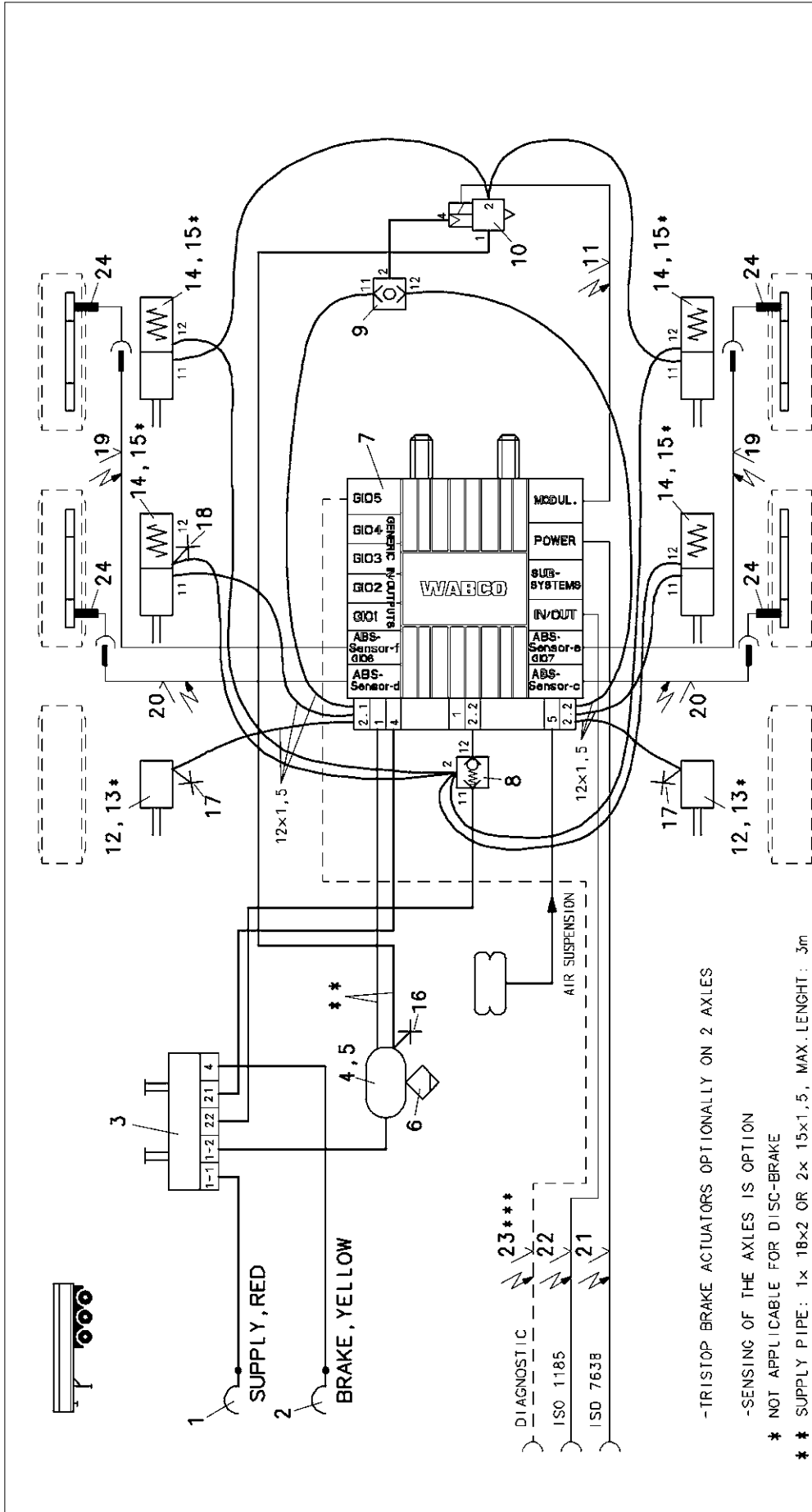
- TRISTOP BRAKE ACTUATORS OPTIONALLY ON 2 AXLES
- SENSING OF THE AXLES IS OPTION
* NOT APPLICABLE FOR DISC-BRAKE
** SUPPLY PIPE: 1x 18x2 OR 2x 15x1.5. MAX. LENGTH: 3m
PIPING WITHOUT THREADED PIPE ANGLE
*** OPTIONALLY
**** PARK BRAKE PERFORMANCE HAS TO BE ENSURED
IN THE CASE OF A LIFTED AXLE







DRAWING CONTROL		WABCO	
DATE	SIGNATURE	TRAILER - EBS E	CODE FOR DOCUMENT SHEET
06-10-11	AP THY	FOR 3-AXLES-SEMITRAILER	402 01
06-10-11	GROSSK.	2S/2M - SELECT LOW	REPLACEMENT FOR
STANDARDIZATION		PRODUCT IDENTIFICATION NO.	841 701 102 0
I.T.R.	171	CODE FOR FUNCTION	3124
SIZE	A 3	BOX FOR SHAPE	
DCN-NO. (REV)	111960 B 06-12-21		
DATE	111301 A 08-10-24		



-TRISTOP BRAKE ACTUATORS OPTIONALLY ON 2 AXLES
 -SENSING OF THE AXLES IS OPTION
 * NOT APPLICABLE FOR DISC-BRAKE
 ** SUPPLY PIPE: 1x 18x2 OR 2x 15x1,5, MAX. LENGTH: 3m
 PIPING WITHOUT THREADED PIPE ANGLE
 *** OPTIONALLY (ONLY POSSIBLE FOR PREMIUM ECU)

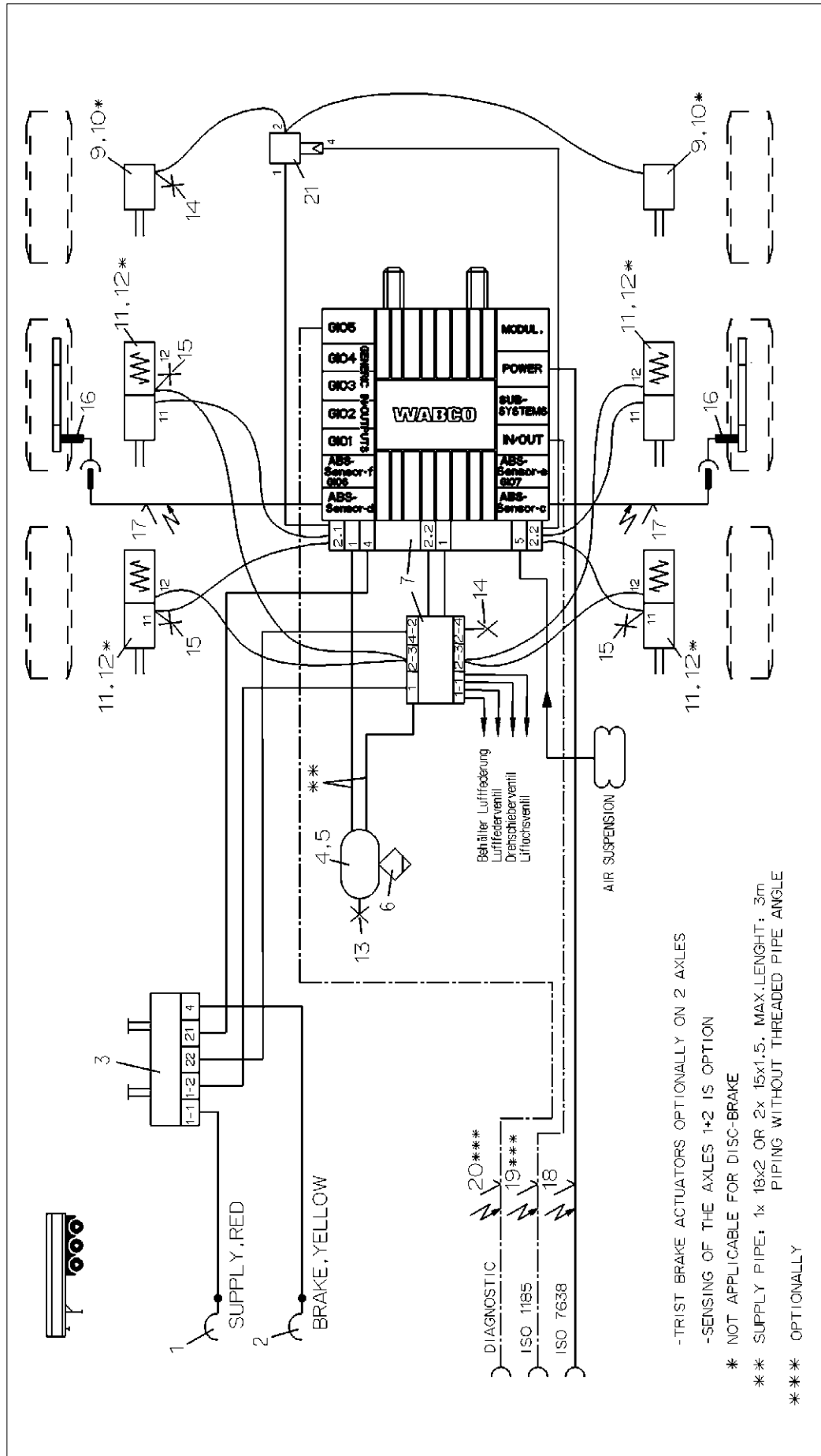
NO.	QTY.	DESCRIPTION	UNIT	REMARKS
13	2	KIT	*	423 000 ... 2
12	2	BRAKE CHAMBER		423 10 ... 0
11	1	CABLE TO ABS-RV		449 436 000 0 24 4 ABS-SENSOR
10	1	ABS-RELAY VALVE		472 195 037 0 23 1 DIAGNOSTIC CABLE ***
9	1	TWO WAY-VALVE		434 208 0 ... 0 22 1 24N-CABLE
8	1	TWO WAY-VALVE		434 208 055 0 21 1 SUPPLY(POWER)-CABLE
7	1	TRAILER-MODULATOR		480 102 ... 0 20 2 EXTENSION CABLE
6	1	DRAIN VALVE		934 300 001 0 19 2 EXTENSION CABLE
5	2	HOSE CLAMP		451 999 ... 0 18 2 TEST CONNECTION
4	1	AIR RESERVOIR		950 0 17 2 TEST CONNECTION
3	1	PARK-RELEASE-EMERG.-VALVE (PREV)		971 002 9 ... 0 16 1 TEST CONNECTION
2	1	COUPLING HEAD W. INT. LINE FILTER		952 201 ... 0 15 4 KIT
-1	1	COUPLING HEAD W. INT. LINE FILTER		925 0 14 4 TRISTOP BRAKE ACT.
RES.	RES.	DENOMINATION	RES. QTY.	DENOMINATION

DATE	SIGNATURE
06-10-11	AP ITHY
06-10-11	GROSSK.
STANDARDIZATION	
L.R.I.	
171	171
A 3	A 3

DATE	SIGNATURE	DATE	SIGNATURE
06-10-11	AP ITHY	06-12-21	111960 B
06-10-11	GROSSK.	06-10-24	111301 A
STANDARDIZATION		111301 A	
L.R.I.		111301 A	
171	171	111301 A	111301 A
A 3	A 3	111301 A	111301 A

DATE	SIGNATURE	DATE	SIGNATURE
06-10-11	AP ITHY	06-12-21	111960 B
06-10-11	GROSSK.	06-10-24	111301 A
STANDARDIZATION		111301 A	
L.R.I.		111301 A	
171	171	111301 A	111301 A
A 3	A 3	111301 A	111301 A

DATE	SIGNATURE	DATE	SIGNATURE
06-10-11	AP ITHY	06-12-21	111960 B
06-10-11	GROSSK.	06-10-24	111301 A
STANDARDIZATION		111301 A	
L.R.I.		111301 A	
171	171	111301 A	111301 A
A 3	A 3	111301 A	111301 A



-TRISTOP BRAKE ACTUATORS OPTIONALLY ON 2 AXLES

-SENSING OF THE AXLES 1+2 IS OPTION

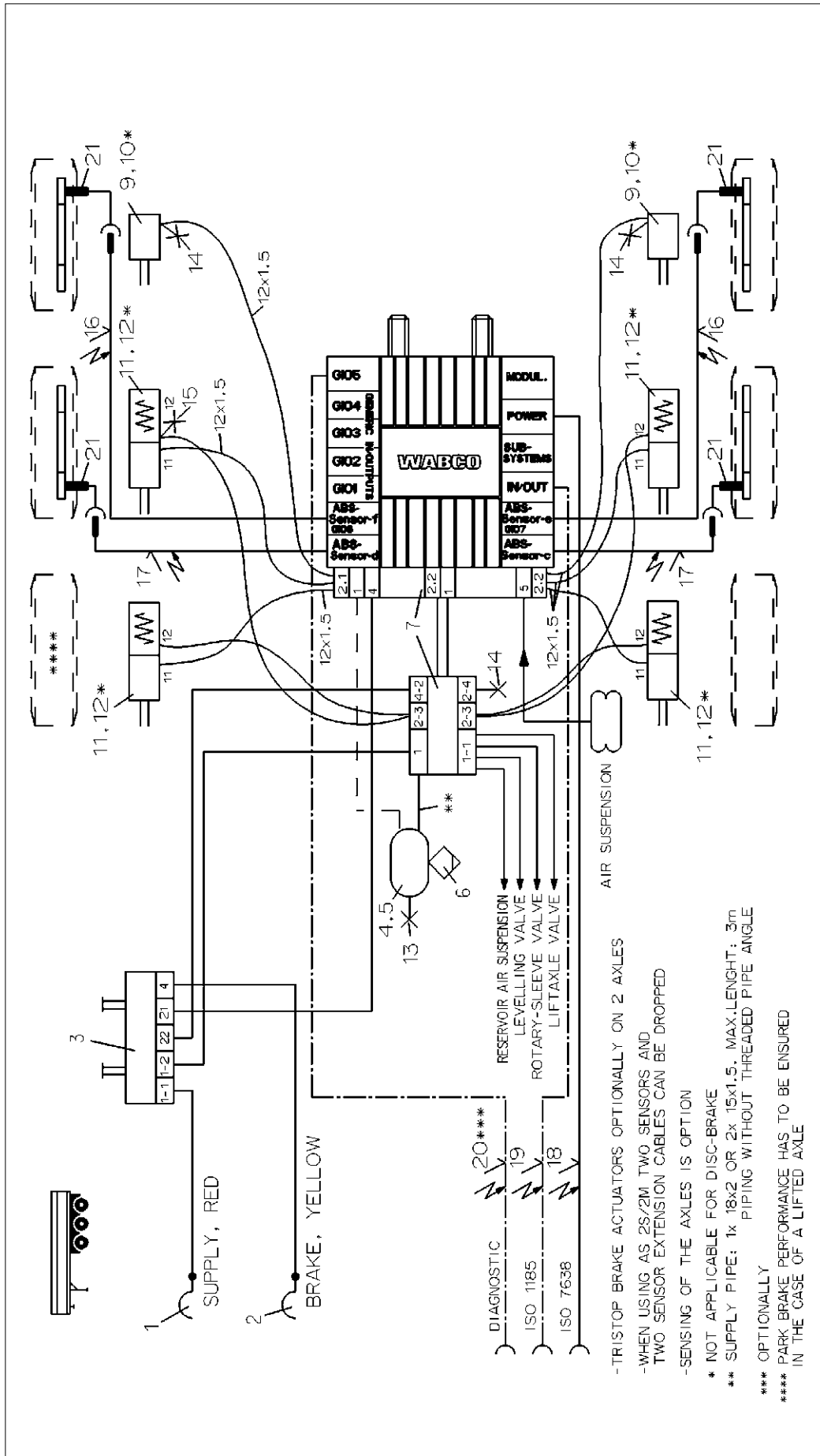
* NOT APPLICABLE FOR DISC-BRAKE

** SUPPLY PIPE, 1x 18x2 OR 2x 15x1.5, MAX.LENTH: 3m
PIPING WITHOUT THREADED PIPE ANGLE

*** OPTIONALLY

Copyright Wabco, ®		WABCO	
Part	Signal	Year	Signal
2008-02-20	BURMESTER	2008-02-20	BURMESTER
2008-02-20	CHRONIS	2008-02-20	CHRONIS
-SELECT LOW-			
Part No.	Signal	Year	Signal
841 701 108 0		2008-02-20	
Part No.	Signal	Year	Signal
002	EN	1/1	
Replacement for			
4990			

Part No.	Description	Pos.	Qty.	Denomination
423 903 532 2	TRISTOP BRAKE ACTUATOR	12	4	KIT
925 ... 000 ... 0	TRISTOP BRAKE ACTUATOR	11	4	TRISTOP BRAKE ACTUATOR
423 000 ... 2	TRISTOP BRAKE ACTUATOR	10	2	KIT
423 10 ... 0	TRISTOP BRAKE ACTUATOR	9	2	BRAKE CHAMBER
499 611 ... 0	TRISTOP BRAKE ACTUATOR	8	1	TRAILER-MODULATOR
449 611 ... 0	TRISTOP BRAKE ACTUATOR	7	1	HOSE CLAMP
449 349 ... 0	TRISTOP BRAKE ACTUATOR	6	1	HOSE CLAMP
449 173 ... 0	TRISTOP BRAKE ACTUATOR	5	2	HOSE CLAMP
449 723 ... 0	TRISTOP BRAKE ACTUATOR	4	1	AIR RESERVOIR
441 032 8... 0	TRISTOP BRAKE ACTUATOR	3	1	PARK-RELEASE-EMERG.-VALVE (PREV)
463 703 036 0	TRISTOP BRAKE ACTUATOR	2	1	COUPLING HEAD W.INT.LINE FILTER
463 703 120 0	TRISTOP BRAKE ACTUATOR	1	1	COUPLING HEAD W.INT.LINE FILTER
463 703 115 0	TRISTOP BRAKE ACTUATOR	1	1	COUPLING HEAD W.INT.LINE FILTER
463 703 115 0	TRISTOP BRAKE ACTUATOR	1	1	COUPLING HEAD W.INT.LINE FILTER



Pos./Pcs.	Denomination	Product Identification No.	Pcs./Pcs.	Denomination	Product Identification No.
12 4	KIT	423 903 532 2			
11 4	TRISTOP BRAKE ACTUATOR	925 0			
10 2	KIT	423 000 ... 2			
9 2	BRAKE CHAMBER	423 10. ... 0	21 4	ABS-SENSOR	441 032 8.. 0
8			20 1	DIAGNOSTIC CABLE	449 611 000 0
7 1	TRAIL.-MODULATOR W.EXTENSION MODUL	480 102 ... 0	19 1	24N-CABLE	449 349 000 0
6 1	DRAIN VALVE	934 300 001 0	18 1	SUPPLY (POWER) CABLE	449 173 000 0
5 2	HOSE CLAMP	451 999 ... 2	17 2	EXTENSION CABLE FOR SENSOR	449 723 000 0
4 1	AIR RESERVOIR	950 0	16 2	EXTENSION CABLE FOR SENSOR	449 723 000 0
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 3.. 0	15 1	TEST CONNECTION	463 703 036 0
2 1	COUPLING HEAD W. INT. LINE FILTER	952 201 001 0	14 3	TEST CONNECTION	463 703 120 0
1 1	COUPLING HEAD W. INT. LINE FILTER	952 201 002 0	13 1	TEST CONNECTION	463 703 115 0

Pos./Pcs.	Denomination	Product Identification No.	Pcs./Pcs.	Denomination	Product Identification No.
12 4	KIT	423 903 532 2			
11 4	TRISTOP BRAKE ACTUATOR	925 0			
10 2	KIT	423 000 ... 2			
9 2	BRAKE CHAMBER	423 10. ... 0	21 4	ABS-SENSOR	441 032 8.. 0
8			20 1	DIAGNOSTIC CABLE	449 611 000 0
7 1	TRAIL.-MODULATOR W.EXTENSION MODUL	480 102 ... 0	19 1	24N-CABLE	449 349 000 0
6 1	DRAIN VALVE	934 300 001 0	18 1	SUPPLY (POWER) CABLE	449 173 000 0
5 2	HOSE CLAMP	451 999 ... 2	17 2	EXTENSION CABLE FOR SENSOR	449 723 000 0
4 1	AIR RESERVOIR	950 0	16 2	EXTENSION CABLE FOR SENSOR	449 723 000 0
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 3.. 0	15 1	TEST CONNECTION	463 703 036 0
2 1	COUPLING HEAD W. INT. LINE FILTER	952 201 001 0	14 3	TEST CONNECTION	463 703 120 0
1 1	COUPLING HEAD W. INT. LINE FILTER	952 201 002 0	13 1	TEST CONNECTION	463 703 115 0

Pos./Pcs.	Denomination	Product Identification No.	Pcs./Pcs.	Denomination	Product Identification No.
12 4	KIT	423 903 532 2			
11 4	TRISTOP BRAKE ACTUATOR	925 0			
10 2	KIT	423 000 ... 2			
9 2	BRAKE CHAMBER	423 10. ... 0	21 4	ABS-SENSOR	441 032 8.. 0
8			20 1	DIAGNOSTIC CABLE	449 611 000 0
7 1	TRAIL.-MODULATOR W.EXTENSION MODUL	480 102 ... 0	19 1	24N-CABLE	449 349 000 0
6 1	DRAIN VALVE	934 300 001 0	18 1	SUPPLY (POWER) CABLE	449 173 000 0
5 2	HOSE CLAMP	451 999 ... 2	17 2	EXTENSION CABLE FOR SENSOR	449 723 000 0
4 1	AIR RESERVOIR	950 0	16 2	EXTENSION CABLE FOR SENSOR	449 723 000 0
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 3.. 0	15 1	TEST CONNECTION	463 703 036 0
2 1	COUPLING HEAD W. INT. LINE FILTER	952 201 001 0	14 3	TEST CONNECTION	463 703 120 0
1 1	COUPLING HEAD W. INT. LINE FILTER	952 201 002 0	13 1	TEST CONNECTION	463 703 115 0

Pos./Pcs.	Denomination	Product Identification No.	Pcs./Pcs.	Denomination	Product Identification No.
12 4	KIT	423 903 532 2			
11 4	TRISTOP BRAKE ACTUATOR	925 0			
10 2	KIT	423 000 ... 2			
9 2	BRAKE CHAMBER	423 10. ... 0	21 4	ABS-SENSOR	441 032 8.. 0
8			20 1	DIAGNOSTIC CABLE	449 611 000 0
7 1	TRAIL.-MODULATOR W.EXTENSION MODUL	480 102 ... 0	19 1	24N-CABLE	449 349 000 0
6 1	DRAIN VALVE	934 300 001 0	18 1	SUPPLY (POWER) CABLE	449 173 000 0
5 2	HOSE CLAMP	451 999 ... 2	17 2	EXTENSION CABLE FOR SENSOR	449 723 000 0
4 1	AIR RESERVOIR	950 0	16 2	EXTENSION CABLE FOR SENSOR	449 723 000 0
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 3.. 0	15 1	TEST CONNECTION	463 703 036 0
2 1	COUPLING HEAD W. INT. LINE FILTER	952 201 001 0	14 3	TEST CONNECTION	463 703 120 0
1 1	COUPLING HEAD W. INT. LINE FILTER	952 201 002 0	13 1	TEST CONNECTION	463 703 115 0

WABCO

TRAILER - EBS E

FOR 3-AXLES-SEMITRAILER

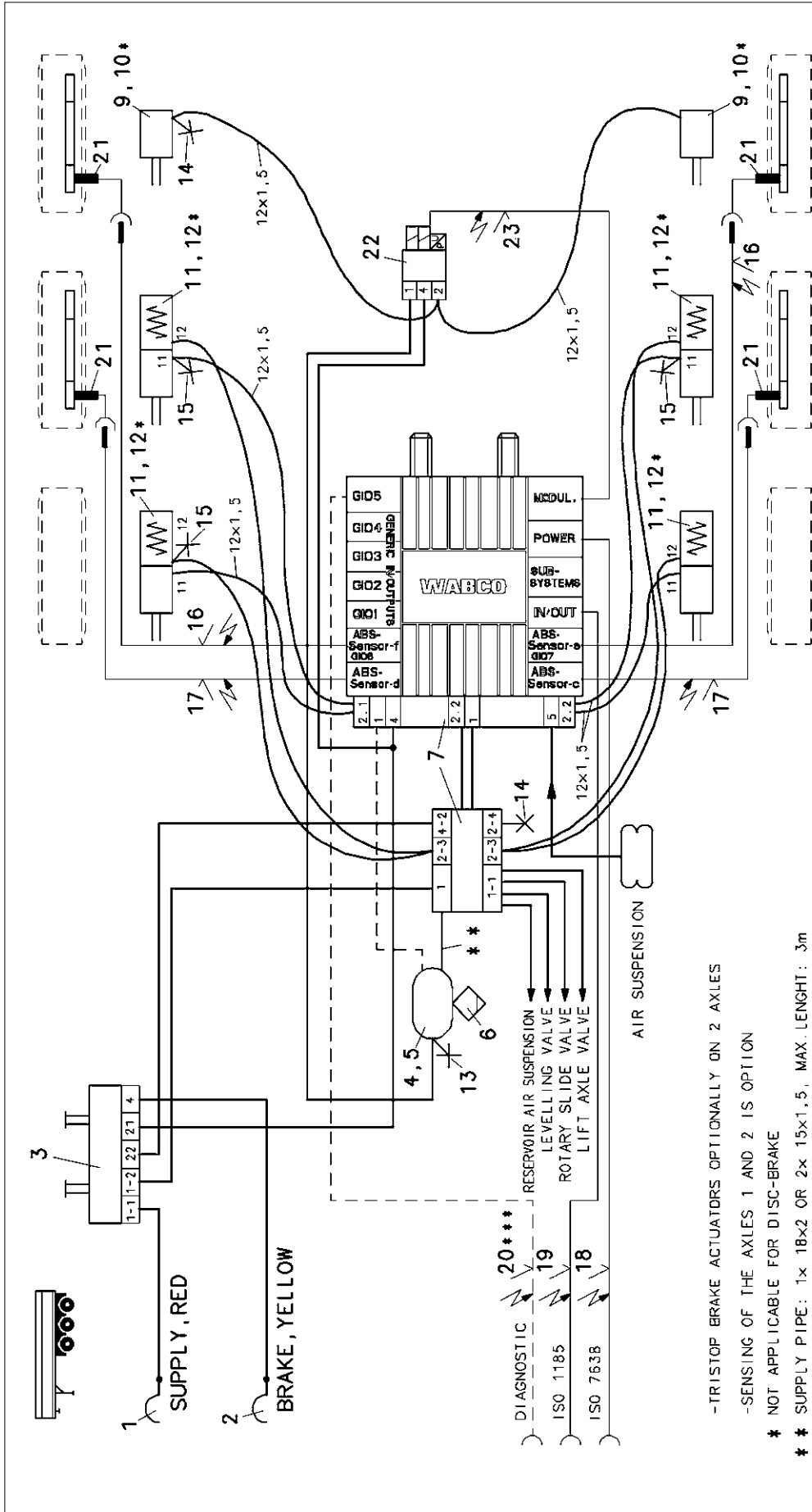
4S/2M OR 2S/2M

- WITH EXTENSION MODUL -

841 701 110 0

002 EN 1/1

123543 C 4990



-TRISTOP BRAKE ACTUATORS OPTIONAL ON 2 AXLES
 -SENSING OF THE AXLES 1 AND 2 IS OPTION

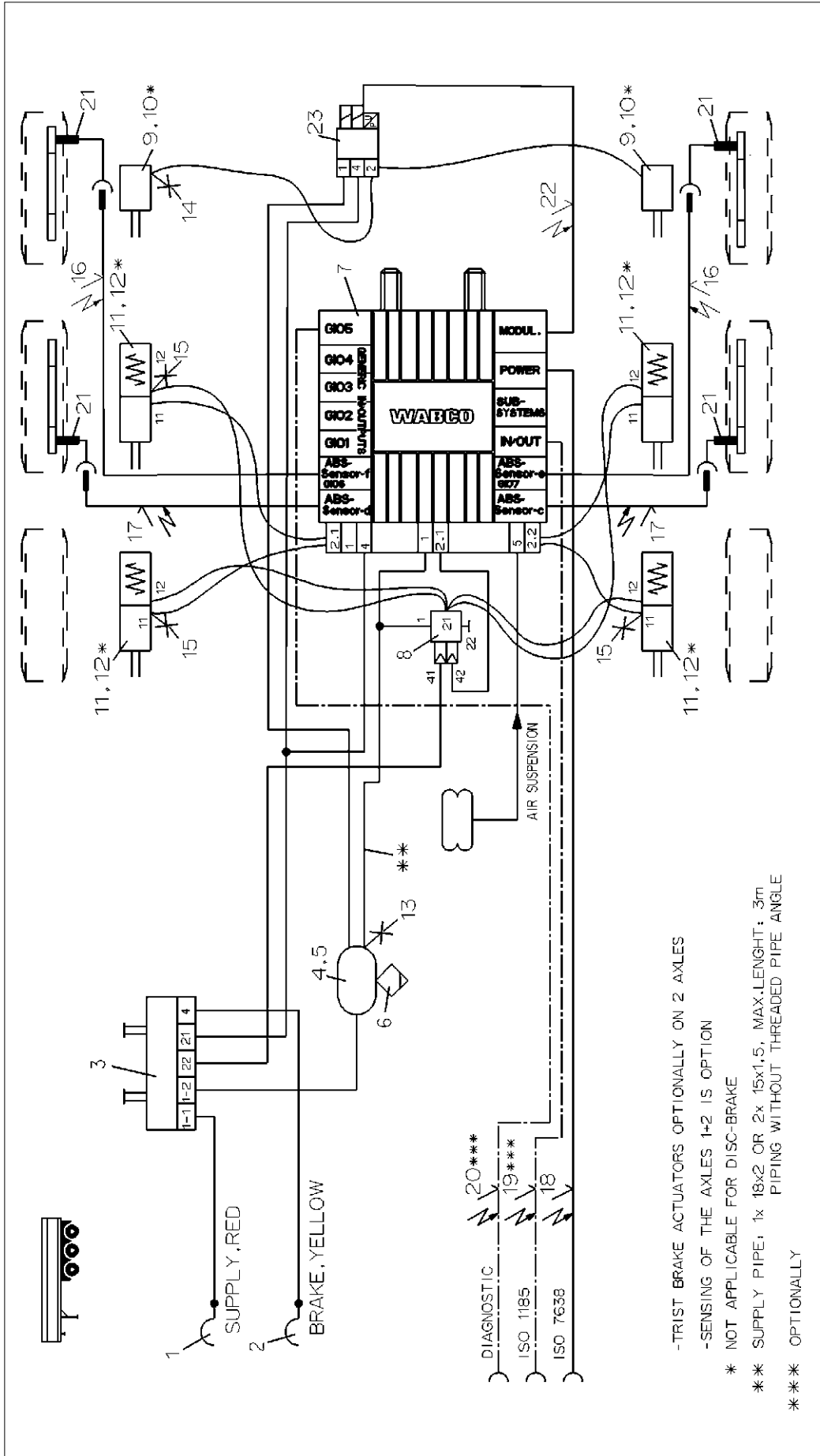
* NOT APPLICABLE FOR DISC-BRAKE

** SUPPLY PIPE: 1x 18x2 OR 2x 15x1,5, MAX. LENGTH: 3m
 PIPING WITHOUT THREADED PIPE ANGLE

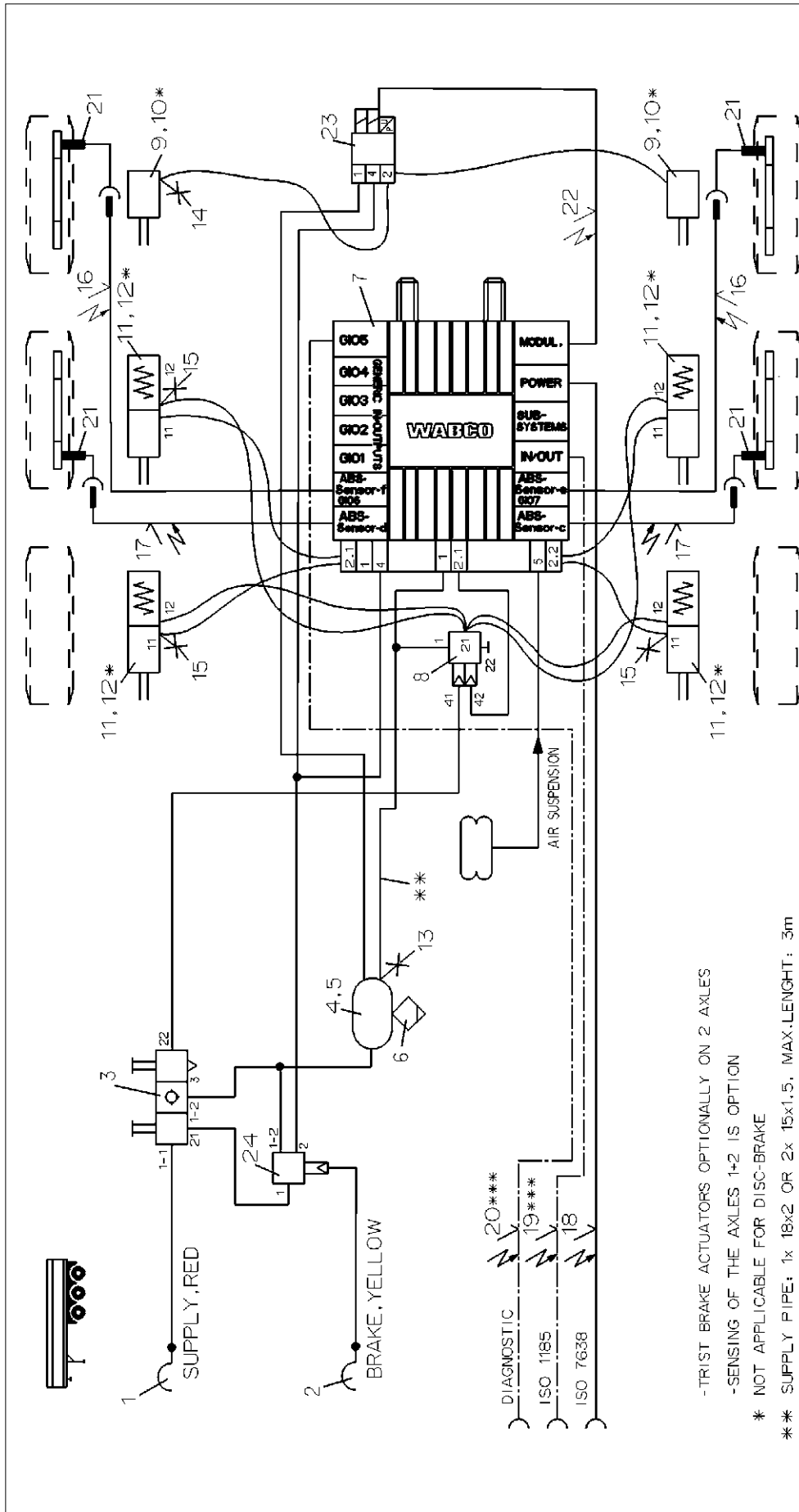
*** OPTIONAL

NO.	DESCRIPTION	QTY.	REF.	QTY.	REF.	DATE	
13	1 TEST CONNECTION	463 703	...	0			
12	4 KIT	423 903	532	2			
11	4 TRISTOP BRAKE ACT.	925	...	...	0	
10	2 KIT	423 000	...	2	23	1 CABLE TO EBS-RV	
9	2 BRAKE CHAMBER	423 10	...	0	22	1 EBS-RELAY VALVE	
8	...	441 032	8	...	0	4 ABS-SENSOR	
7	1 TRAIL-MODULATOR W. EXTENSION MOD.	480 102	...	0	20	1 DIAGNOSTIC CABLE	
6	1 DRAIN VALVE	934 300	001	0	19	1 24N-CABLE	
5	2 HOSE CLAMP	451 899	...	2	18	1 SUPPLY(POWER)-CABLE	
4	1 AIR RESERVOIR	950	0	17	2 EXTENSION CABLE FOR SENSOR
3	1 PARK-RELEASE-EMERG. VALVE (PREV)	971 002	9	...	0	16	2 EXTENSION CABLE FOR SENSOR
2	1 COUPLING HEAD W. INT. LINE FILTER	952 201	001	0	15	3 TEST CONNECTION	
1	1 COUPLING HEAD W. INT. LINE FILTER	952 201	002	0	14	2 TEST CONNECTION	
PRO. RES.	DENOMINATION	PRO. RES.	DENOMINATION	PRO. RES.	DENOMINATION	DCN-NO. (REV.)	DATE

CADD-DRAWING		WABCO	
DATE	SIGNATURE	TRAILER - EBS E	CODE FOR IDENTIFICATION NO.
07-05-11	AP ITHY	FOR 3-AXLES-SEMI TRAILER	841 701 111 0
07-05-11	CHRONIS	4S/3M	402 01
STANDARDIZATION		- WITH EXTENSION MODUL-	
T.R.L.		PRODUCT IDENTIFICATION NO.	
171	171	841 701 111 0	402 01
A 3	A 3	CODE FOR FUNCTION	REPLACEMENT FOR
		CODE FOR SHAPE	
		3124	

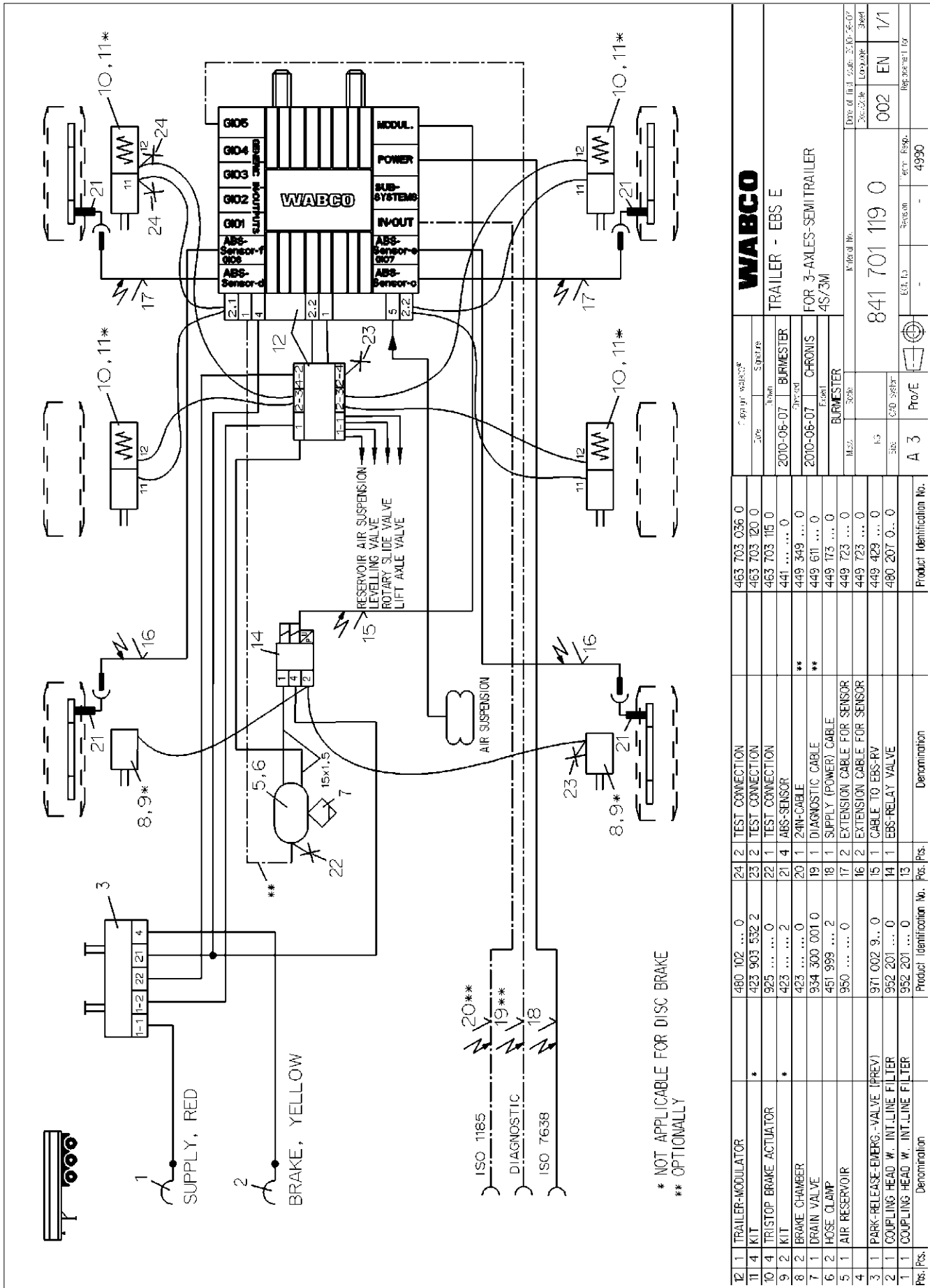


Part No.		Description	Qty.	Unit	Remarks
12	4	KIT			
11	4	TRISTOP BRAKE ACTUATOR	23	1	EBS-RELAY VALVE
10	2	KIT	925 ... 0	22	CABLE TO EBS-RV
9	2	BRAKE CHAMBER	423 000 ... 2	21	RELAY VALVE
8	1	OVERLOAD-PROTECT.-RV	973 011 ... 0	20	DIAGNOSTIC CABLE
7	1	TRAILER-MODULATOR	480 102 ... 0	19	24IN-CABLE
6	1	DRAIN VALVE	934 300 001 0	18	POWER CABLE
5	2	HOSE CLAMP	451 999 ... 0	17	EXTENSION CABLE FOR SENSOR
4	1	AIR RESERVOIR	950 ... 0	16	ABS-SENSOR
3	1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	15	TEST CONNECTION
2	1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	14	TEST CONNECTION
1	1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	13	TEST CONNECTION
ks./Pcs.	Denomination	Product Identification No.	Pcs./Pcs.	Denomination	
		480 207 0... 0			
		449 429 ... 0			
		973 011 ... 0			
		449 611 ... 0			
		449 349 ... 0			
		449 173 ... 0			
		449 723 ... 0			
		441 032 8... 0			
		463 703 036 0			
		463 703 120 0			
		463 703 115 0			
		Product Identification No.			
		4990			
		841 701 113 0			
		002			
		EN			
		1/1			
		4990			
		841 701 113 0			
		002			
		EN			
		1/1			
		4990			



-TRISTOP BRAKE ACTUATORS OPTIONALLY ON 2 AXLES
 -SENSING OF THE AXLES 1-2 IS OPTION
 * NOT APPLICABLE FOR DISC-BRAKE
 ** SUPPLY PIPE: 1x 18x2 OR 2x 15x1.5, MAX-LENGTH: 3m
 PIPING WITHOUT THREADED PIPE ANGLE
 *** OPTIONALLY

Copyright WABCO®		Signature:	
File	Drawn	Date	Sheet
2008-04-21	BURMESTER	2008-04-21	1/1
TRAILER - EBS E			
FOR 3-AXLES-SEMI TRAILER			
4S/3M			
Part No.		841 701 114 0	
Date of first issue:		2008-04-21	
Rev. No.		002	
Encl. No.		EN	
Techn. Resp.		4990	
Product Identification No.		4990	
Pos./Pcs.		Denomination	
12	4	KIT	*
11	4	TRISTOP BRAKE ACTUATOR	423 903 532 2
10	2	KIT	925 ... 0
9	2	EMERGENCY VALVE	480 207 0... 0
8	2	EBS-RELAY VALVE	449 429 ... 0
7	2	CABLE TO EBS-RV	441 032 8... 0
6	2	ABS-SENSOR	449 611 ... 0
5	2	DIAGNOSTIC CABLE	449 349 ... 0
4	2	24N-CABLE	449 173 ... 0
3	2	POWER CABLE	449 173 ... 0
2	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
1	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
1	1	TEST CONNECTION	463 703 036 0
1	1	TEST CONNECTION	463 703 129 0
1	1	TEST CONNECTION	463 703 115 0



* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONAL

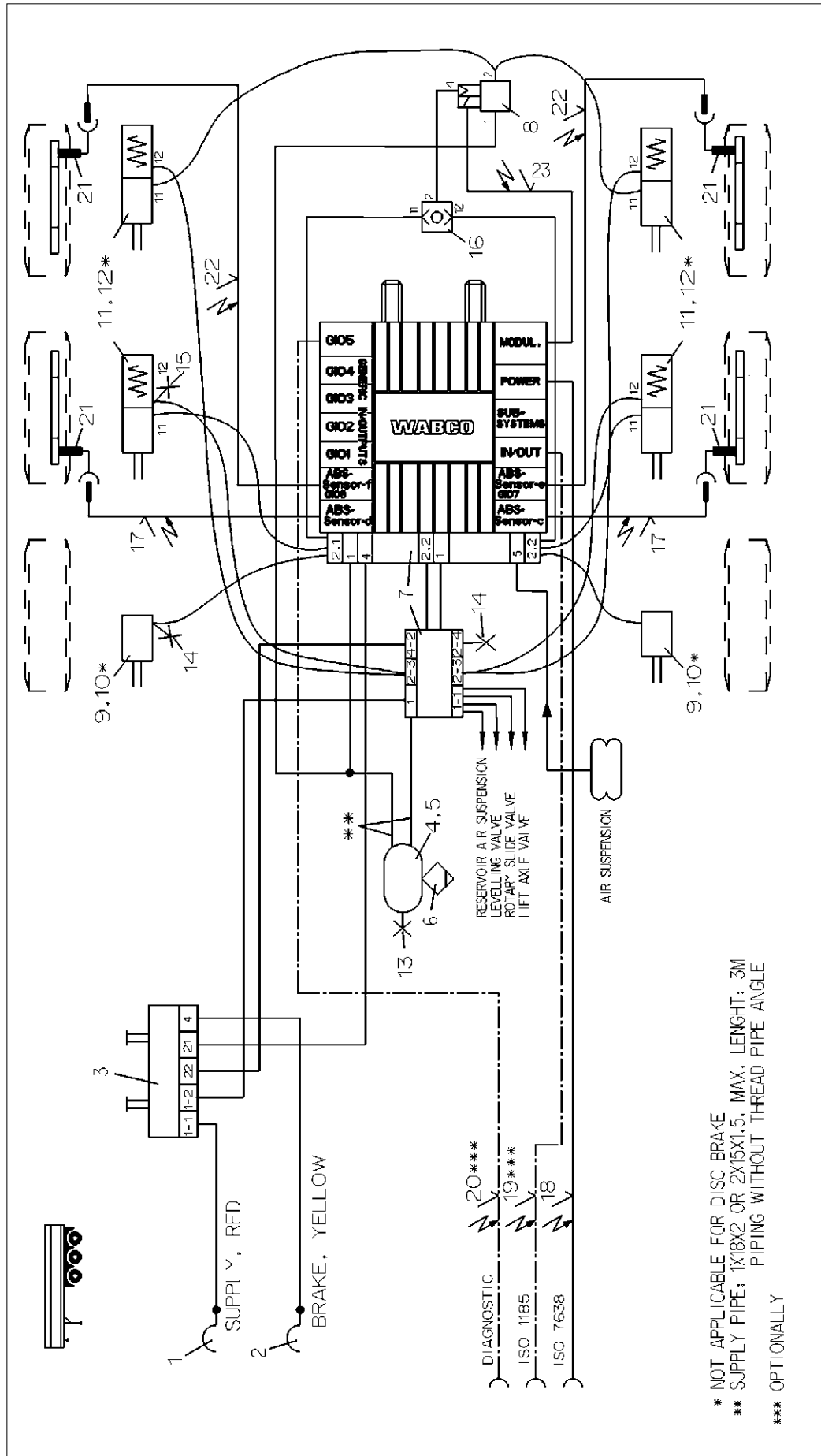
Pos.	Pcs.	Denomination	Product Identification No.	Pos.	Pcs.	Denomination	Product Identification No.
12	1	TRAILER-MODULATOR	480 102 ... 0	24	2	TEST CONNECTION	463 703 036 0
11	4	KIT	423 903 532 2	23	2	TEST CONNECTION	463 703 120 0
10	4	TRIPSTOP BRAKE ACTUATOR	925 0	22	1	TEST CONNECTION	463 703 115 0
9	2	KIT	423 2	21	4	ABS-SENSOR	441 0
8	2	BRAKE CHAMBER	423 0	20	1	24V-CABLE	449 349 ... 0
7	1	DRAIN VALVE	934 300 001 0	19	1	DIAGNOSTIC CABLE	449 611 ... 0
6	2	HOSE CLAMP	451 999 ... 2	18	1	SUPPLY (POWER) CABLE	449 173 ... 0
5	1	AIR RESERVOIR	950 0	17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
4	3	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	16	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
3	1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	15	1	CABLE TO EBS-RV	449 429 ... 0
2	1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	14	1	EBS-RELAY VALVE	480 207 0... 0
1	1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	13			

WABCO
 TRAILER - EBS E
 FOR 3-AXLES-SEMI TRAILER
 4S/3M

Date of Inj. Draw: 2010-06-07
 Scale: 1:1
 002 EN 1/1
 Department for

Material No.
 841 701 119 0
 EBS-Lo Revision: -
 EBS-Resp: 4990

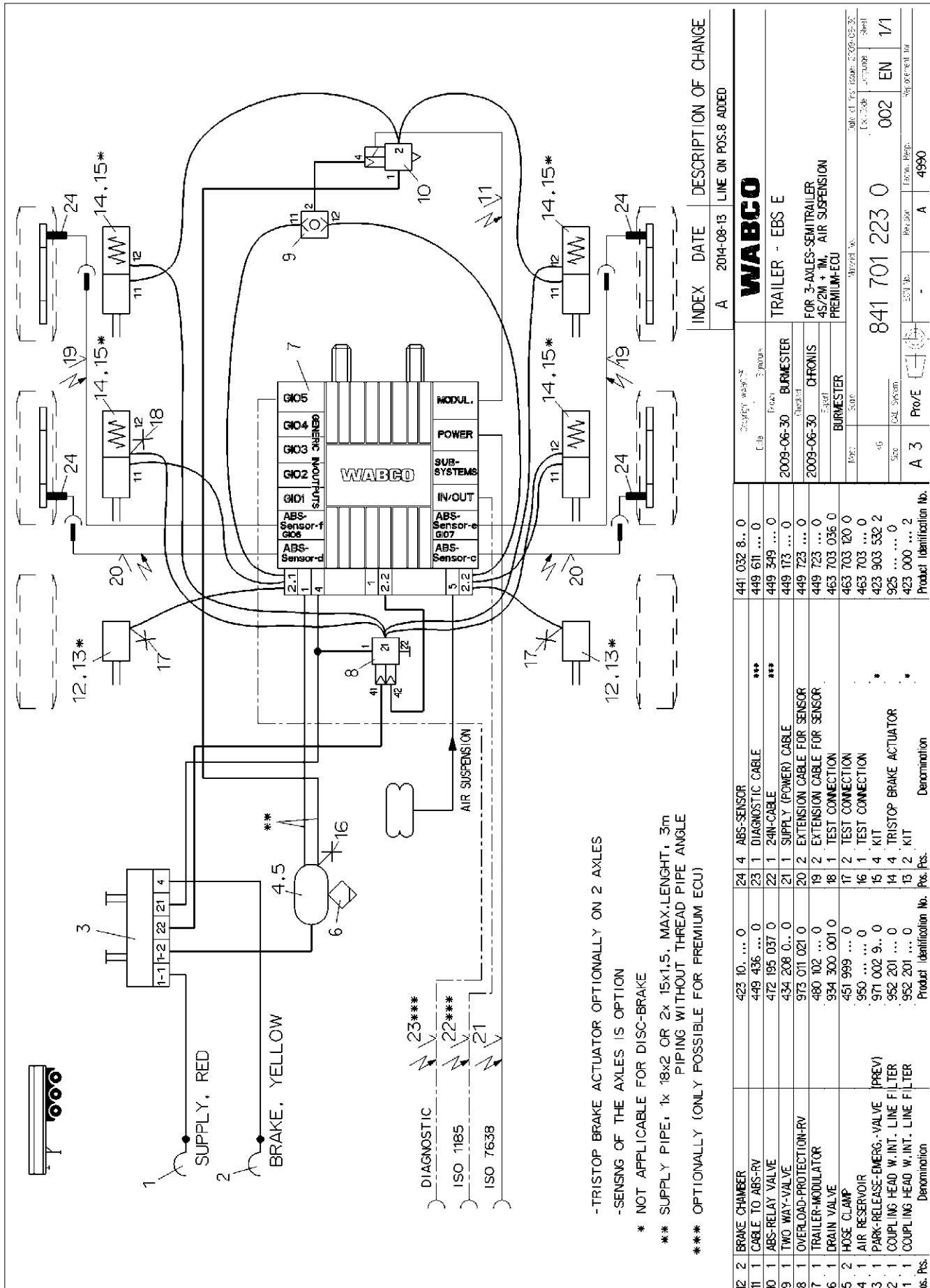
Part No.
 A 3
 Part No.
 4990



* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE; 1X18X2 OR 2X15X1.5, MAX. LENGTH; 3M
 PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY

Part No.		Description	QTY	Kit	Product Identification No.	Pos.	Pos.
12	4	KIT	423 903 532 2	*			
11	4	TRISTOP BRAKE ACTUATOR	925 0	23	1	CABLE TO ABS-RELAY VALVE	449 436 ... 0
10	2	KIT	423 000 ... 2	22	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
9	2	BRAKE CHAMBER	423 10 ... 0	21	4	ABS-SENSOR	441 032 8... 0
8	1	ABS-RELAY VALVE	972 195 037 0	20	1	DIAGNOSTIC CABLE	449 611 ... 0
7	1	TRAILER-MODULATOR W. EXTENSION MODUL	480 102 ... 0	19	1	24IN-CABLE	449 349 ... 0
6	1	DRAIN VALVE	934 300 001 0	18	1	SUPPLY (POWER) CABLE	449 173 ... 0
5	2	HOSE CLAMP	451 999 ... 2	17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
4	1	AIR RESERVOIR	960 0	16	1	TWO WAY VALVE	434 208 0... 0
3	1	PARK-RELEASE-EMERG.-VALVE (REV)	971 002 9... 0	15	1	TEST CONNECTION	463 703 036 0
2	1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	14	2	TEST CONNECTION	463 703 120 0
1	1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	13	1	TEST CONNECTION	463 703 115 0
Pos.	Pos.	Denomination	Product Identification No.	Pos.	Pos.	Denomination	Product Identification No.

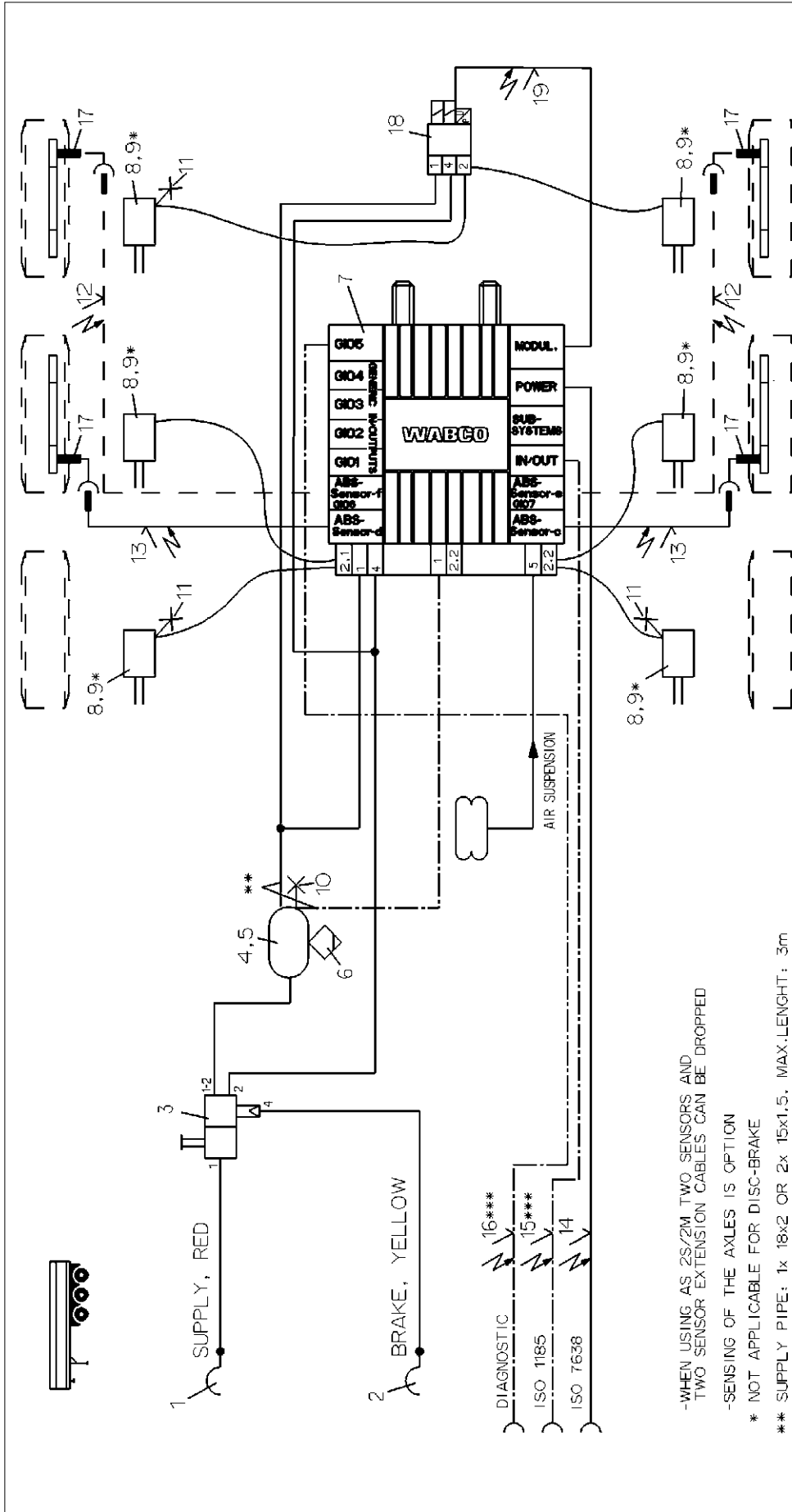
WABCO		TRAILER - EBS E FOR 3-AXLES-SEMITRAILER 4S/2M+1M	
Order No.	841 701 221 0	Part No.	4990
Rev. No.	002	Rev. No.	EN
Year	1/1	Year	1/1
Date of first issue	2010-06-08	Date of first issue	2010-06-08



-TRISTOP BRAKE ACTUATOR OPTIONALLY ON 2 AXLES
 -SENSING OF THE AXLES IS OPTION
 * NOT APPLICABLE FOR DISC-BRAKE
 ** SUPPLY PIPE: 1x 18x2 OR 2x 15x1.5. MAX.LENIGHT: 3m
 PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY (ONLY POSSIBLE FOR PREMIUM ECU)

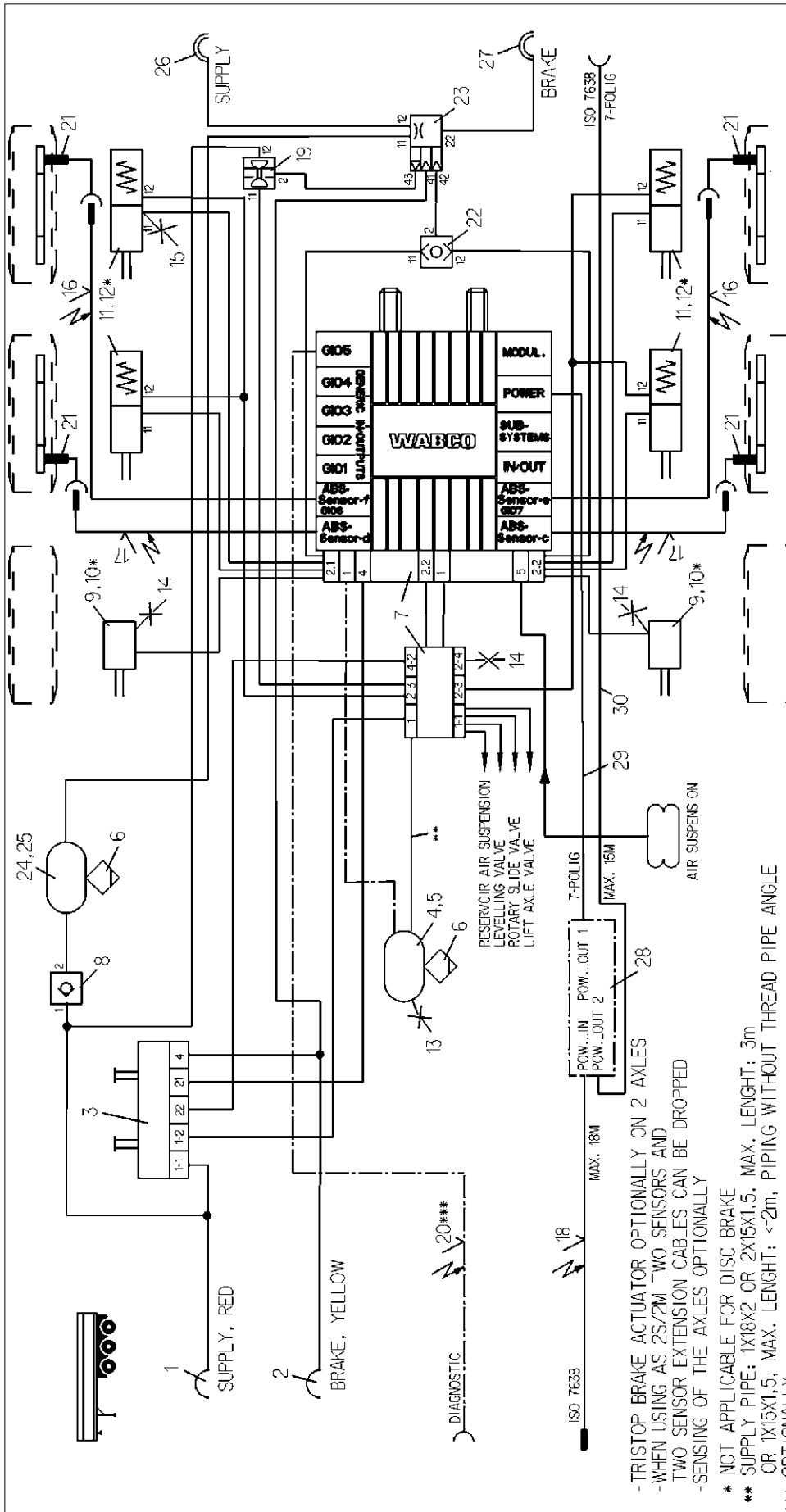
INDEX	DATE	DESCRIPTION OF CHANGE
A	2014-08-13	LINE ON POS.8 ADDED

WABCO	
Trailer	TRAILER - EBS E
Year	2009-06-30
Model	BURMESTER
Part	FOR 3-AXLES-SEMI TRAILER 4S/2M + IM. AIR SUSPENSION PREMIUM-ECU
Doc. No.	841 701 223 0
Rev.	002
EN	1/1



-WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
 -SENSING OF THE AXLES IS OPTION
 * NOT APPLICABLE FOR DISC-BRAKE
 ** SUPPLY PIPE: 1x 18x2 OR 2x 15x1.5, MAX. LENGTH: 3m PIPING WITHOUT THREADED PIPE ANGLE
 *** OPTIONALLY

Copyright WABCO®		WABCO	
Part No.	Subpart	Part No.	Subpart
2009-07-B	BURMESTER	2009-07-B	BURMESTER
2009-07-B	CHRONIS	2009-07-B	CHRONIS
FOR 3-AXLES-SEMI TRAILER 4S/2M OR 4S/3M WITH TRAILER BRAKE VALVE			
Material No. 841 701 224 0			
Part No.		Revision	
002		EN 1/1	
Date of first issue: 2009-12-15			
Date of last issue: 2009-12-15			
Product Identification No. 4990			
Denomination			
TRAILER - EBS E			



-TRISTOP BRAKE ACTUATOR OPTIONALLY ON 2 AXLES
 -WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
 -SENSING OF THE AXLES OPTIONALLY

* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE: 1X18X2 OR 2X15X1,5. MAX. LENGTH: 3m OR 1X15X1,5. MAX. LENGTH: <=2m, PIPING WITHOUT THREAD PIPE ANGLE OPTIONALLY
 *** OPTIONAL

Qty	Part No.	Description	Denomination	Prod. Id.	Pos. Id.
15	1	TEST CONNECTION	463 703 036 0	30	1
14	3	TEST CONNECTION	463 703 120 0	29	1
13	1	TEST CONNECTION	463 703 115 0	28	1
12	4	KIT	423 903 532 2	27	1
11	4	TRISTOP BRAKE ACTUATOR	925 0	26	1
10	2	KIT	423 000 ... 0	25	2
9	2	BRAKE CHAMBER	423 10 ... 0	24	1
8	1	CHECK VALVE	434 014 000 0	23	1
7	1	TRAILER-MODULATOR W/EXTENSION MODUL	480 102 ... 0	22	2
6	2	DRAIN VALVE	934 300 001 0	21	4
5	2	HOSE CLAMP	451 999 ... 2	20	1
4	1	AIR RESERVOIR	960 0	19	1
3	1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9 ... 0	18	1
2	1	COUPLING HEAD W. INT.-LINE FILTER	962 201 ... 0	17	2
1	1	COUPLING HEAD W. INT.-LINE FILTER	962 201 ... 0	16	2

WABCO

TRAILER - EBS E
 WITH CAN-ROUTER
 4S/2M OR 2S/2M

Date	2010-03-09	Version	1.0
Author	BURMESTER	Checked	CHRONIS
Part	BURMESTER	Approved	

Part No. 841 701 228 0

Rev. 002

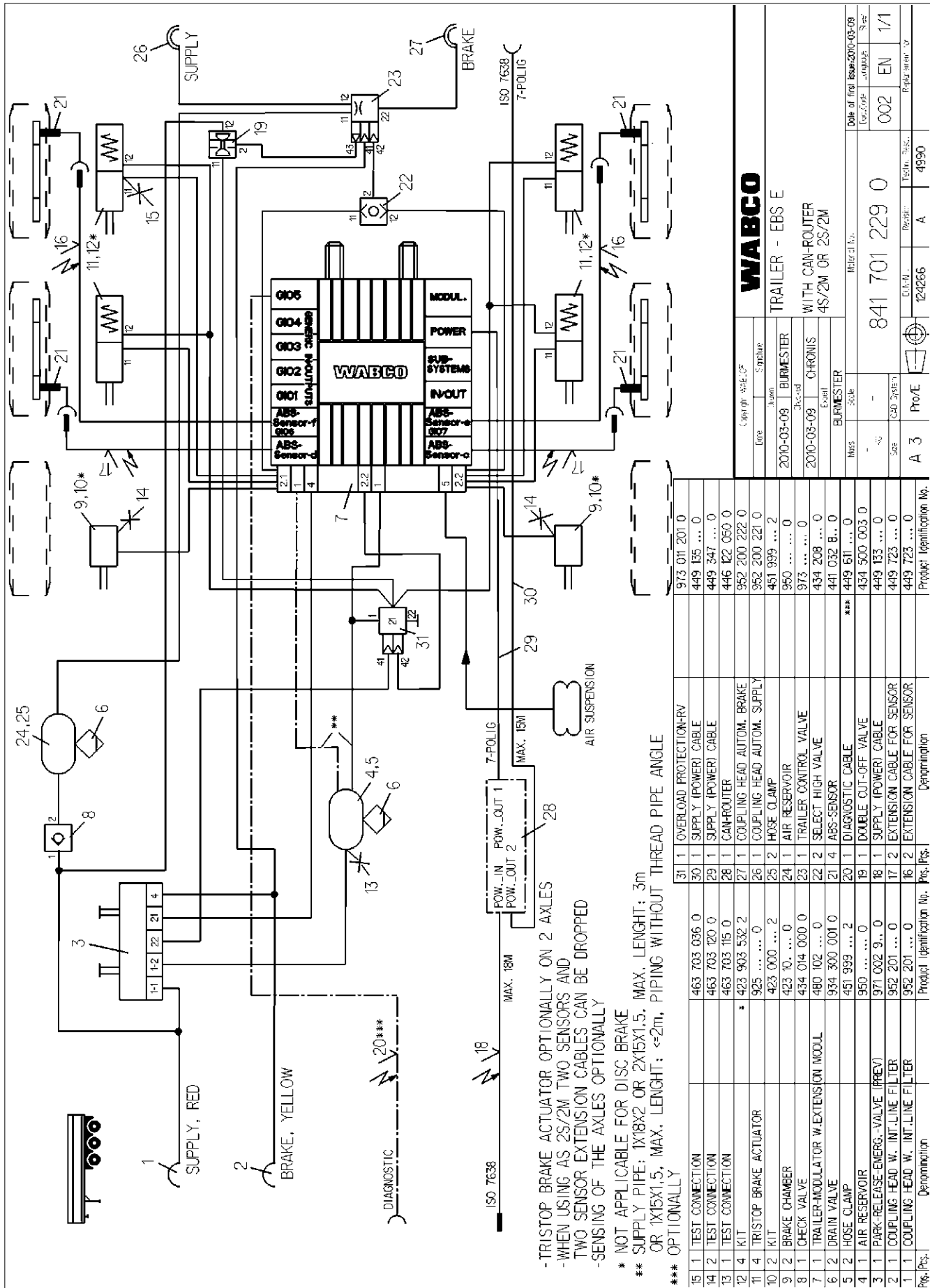
EN 171

Product Identification No. 129338

Position A

Doc. Resp. 4990

Date of first issue 2000-05-09



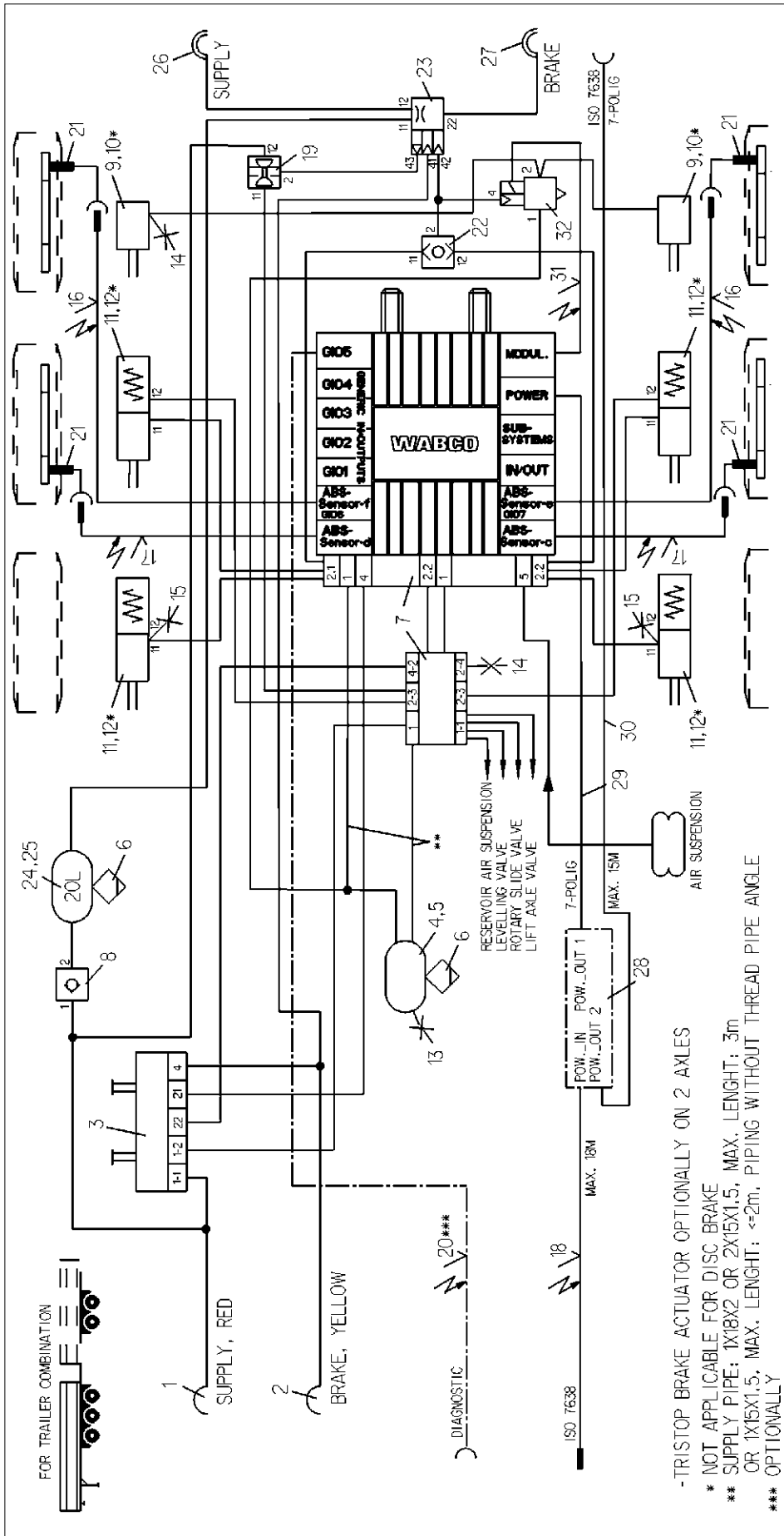
WABCO

TRAILER - EBS E

WITH CAN-ROUTER
4S/2M OR 2S/2M

Fig. Pcs.	Denomination	Product Identification No.	Qty./Pcs.	Denomination	Product Identification No.
15 1	TEST CONNECTION	463 703 036 0	31 1	OVERLOAD PROTECTION-RV	973 011 201 0
14 2	TEST CONNECTION	463 703 120 0	30 1	SUPPLY (POWER) CABLE	449 195 ... 0
13 1	TEST CONNECTION	463 703 115 0	29 1	SUPPLY (POWER) CABLE	449 347 ... 0
12 4	TRIPSTOP BRAKE ACTUATOR	423 903 532 2	28 1	CAN-ROUTER	446 122 050 0
11 4	TRIPSTOP BRAKE ACTUATOR	925 0	27 1	COUPLING HEAD AUTOM. BRAKE	952 200 222 0
10 2	KIT	423 000 ... 2	26 1	COUPLING HEAD AUTOM. SUPPLY	952 200 221 0
9 2	BRAKE CHAMBER	423 10 ... 0	25 2	HOSE CLAMP	451 999 ... 2
8 1	CHECK VALVE	434 014 000 0	24 1	AIR RESERVOIR	950 0
7 1	TRAILER-MODULATOR W.EXTENSION MODUL.	480 102 ... 0	23 1	TRAILER CONTROL VALVE	973 0
6 2	DRAIN VALVE	934 300 001 0	22 2	SELECT HIGH VALVE	434 208 ... 0
5 2	HOSE CLAMP	451 999 ... 2	21 4	ABS-SENSOR	441 032 B... 0
4 1	AIR RESERVOIR	950 0	20 1	DIAGNOSTIC CABLE	*** 449 611 ... 0
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	19 1	DOUBLE CUT-OFF VALVE	434 500 003 0
2 1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	18 1	SUPPLY (POWER) CABLE	449 133 ... 0
1 1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	17 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
			16 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0

Part No.	841 701 229 0
Rev.	EN 1/1
Date of first issue	2010-03-09
Doc. Code	002
Page No.	1/1
Part Name	TRAILER - EBS E
Part No.	841 701 229 0
Rev.	EN 1/1
Date of first issue	2010-03-09
Doc. Code	002
Page No.	1/1
Part Name	TRAILER - EBS E

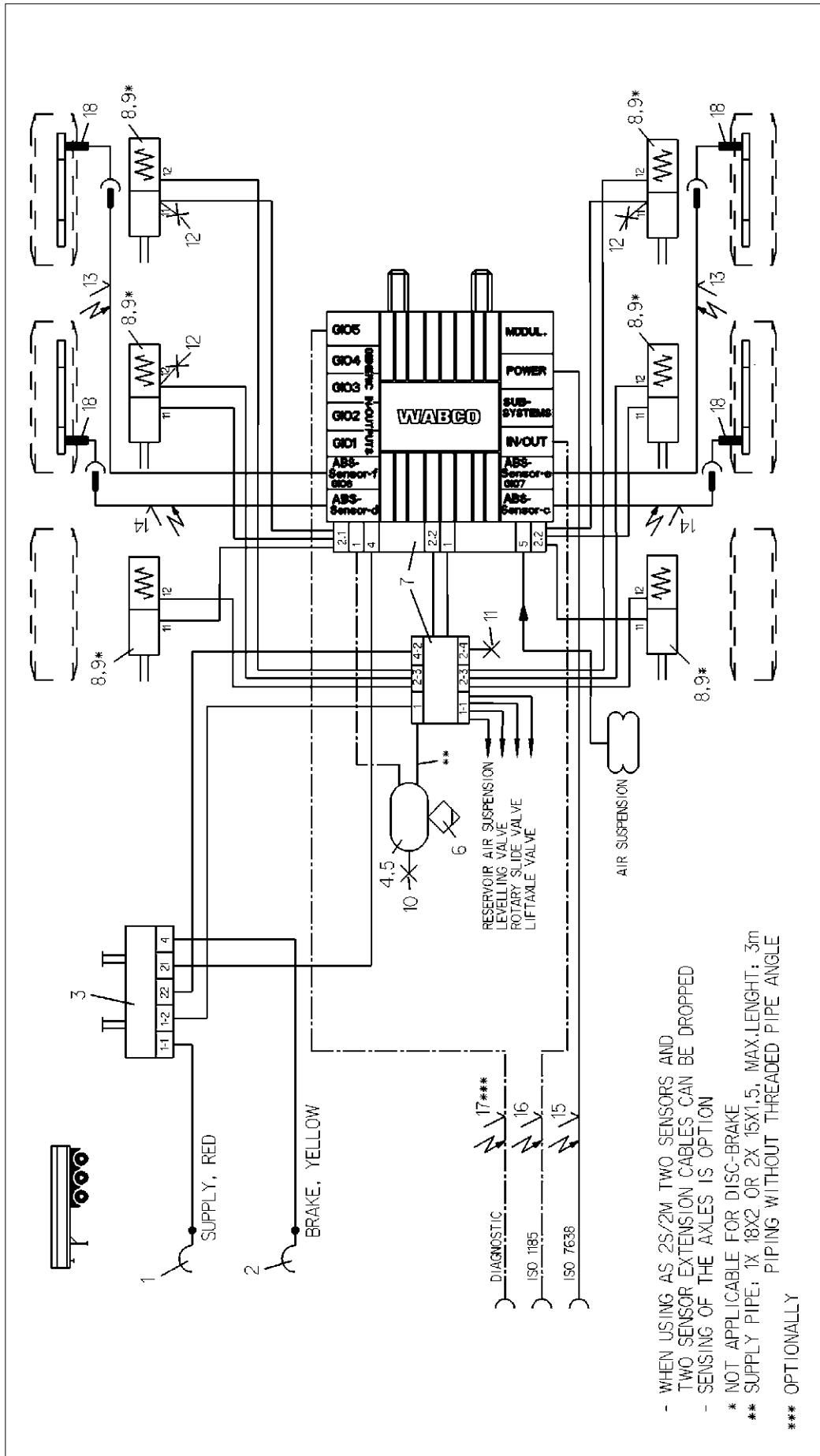


-TRISTOP BRAKE ACTUATOR OPTIONALLY ON 2 AXLES
 * NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE: 1X18X2 OR 2X15X1,5, MAX. LENGTH: 3m
 OR 1X15X1,5, MAX. LENGTH: $\leq 2\text{m}$, PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY

Pos./Pcs.	Denomination	Product Identification No.	Pos./Pcs.	Denomination	Product Identification No.
16 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0	32 1	ABS-RELAY VALVE	972 195 037 0
19 2	TEST CONNECTION	463 703 036 0	31 1	CABLE TO ABS-RELAY VALVE	449 436 ... 0
14 2	TEST CONNECTION	463 703 120 0	30 1	SUPPLY (POWER) CABLE	449 135 ... 0
13 1	TEST CONNECTION	463 703 115 0	29 1	SUPPLY (POWER) CABLE	449 347 ... 0
12 4	KIT	423 903 532 2	28 1	CAN-ROUTER	446 122 050 0
11 4	TRISTOP BRAKE ACTUATOR	925 ... 0	27 1	COUPLING HEAD AUTOM. BRAKE	952 200 222 0
10 2	KIT	423 000 ... 0	26 1	COUPLING HEAD AUTOM. SUPPLY	952 200 221 0
9 2	BRAKE CHAMBER	423 10 ... 0	25 2	HOSE CLAMP	451 999 ... 2
8 1	CHECK VALVE	434 014 000 0	24 1	AIR RESERVOIR	950 ... 0
7 1	TRAILER-MODULATOR W/EXTENSION MODUL	480 102 ... 0	23 1	TRAILER CONTROL VALVE	973 ... 0
6 2	DRAIN VALVE	934 300 001 0	22 2	SELECT HIGH VALVE	434 208 ... 0
5 2	HOSE CLAMP	451 999 ... 2	21 4	ABS-SENSOR	441 032 8... 0
4 1	AIR RESERVOIR	950 ... 0	20 1	DIAGNOSTIC CABLE	449 611 ... 0
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	19 1	DOUBLE CUT-OFF VALVE	434 500 003 0
2 1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	18 1	SUPPLY (POWER) CABLE	449 133 ... 0
1 1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	17 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0

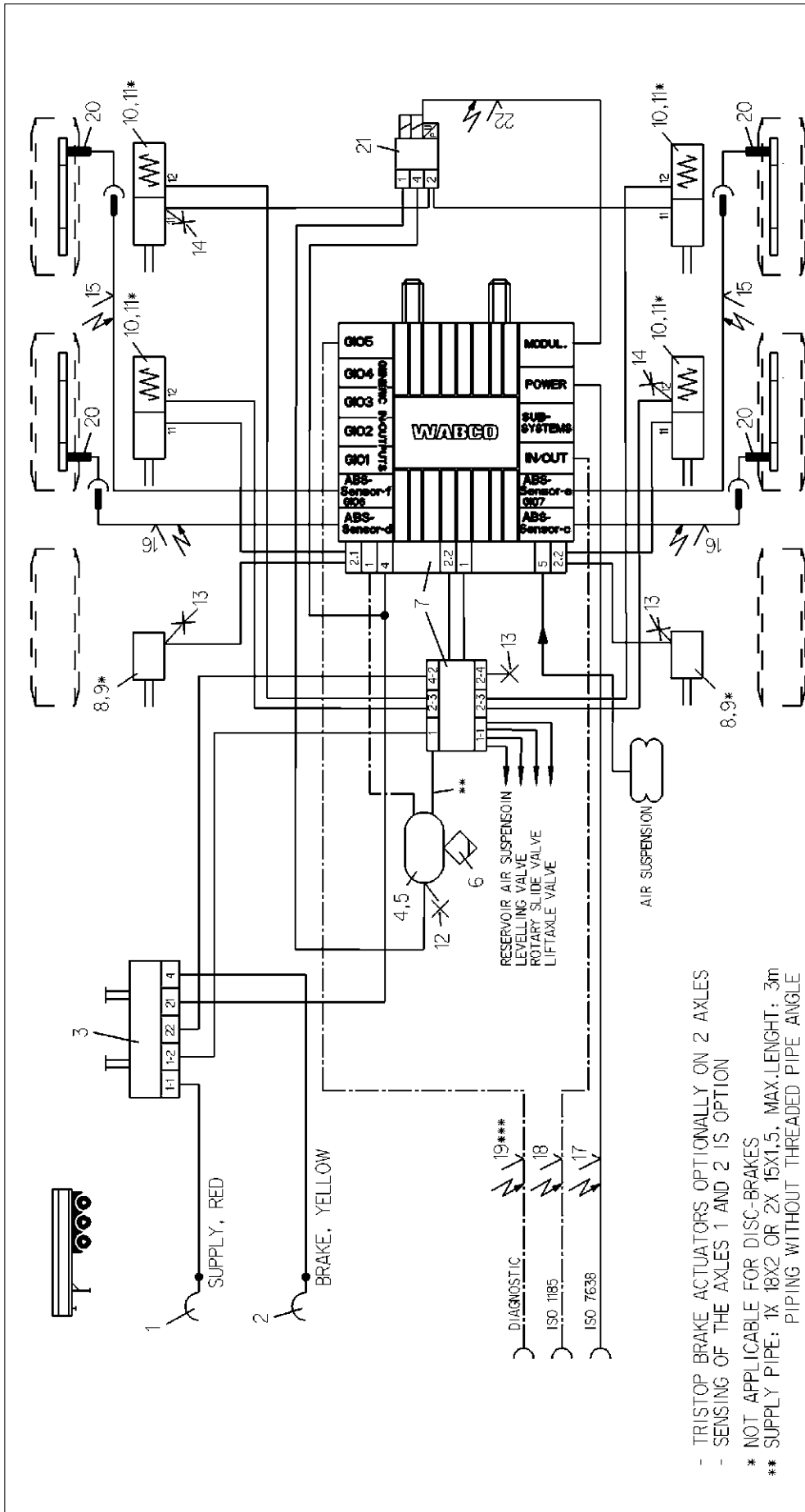
WABCO
 TRAILER - EBS E
 FOR 3-AXLES-SEMI-TRAILER
 WITH CAN-ROUTER
 4S/2M +1M

Part No.	841 701 230 0	Revision	002
Part Name	TRAILER - EBS E	Part No.	EN
Part No.	841 701 230 0	Revision	002
Part Name	TRAILER - EBS E	Part No.	EN



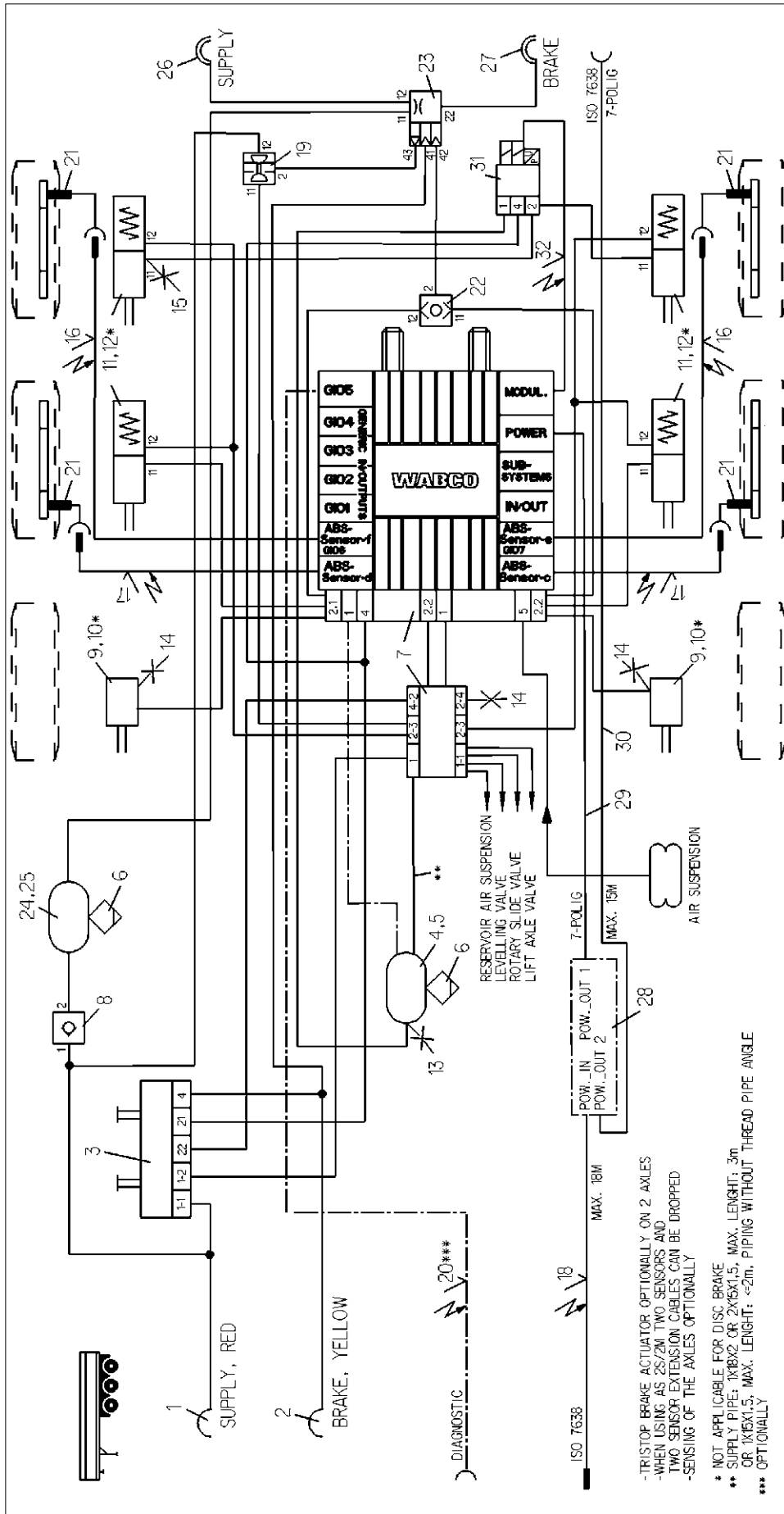
- WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
- SENSING OF THE AXLES IS OPTION
- * NOT APPLICABLE FOR DISC-BRAKE
- ** SUPPLY PIPE: 1X 18X2 OR 2X 15X1.5, MAX. LENGTH: 3m
- *** OPTIONALLY PIPING WITHOUT THREADED PIPE ANGLE

WABCO		TRAILER - EBS E	
Part No.	Description	Pos.	Qty.
463 703 036 0	TEST CONNECTION		
463 703 120 0	TEST CONNECTION		
463 703 115 0	TEST CONNECTION		
* 423 903 532 2	KIT		
925 0	TRISTOP BRAKE ACTUATOR		
480 102 ... 0	TRAILER-MODULATOR W. EXTENSION MODUL.		
934 300 001 0	HOSE CLAMP	18	4
451 999 ... 2	AIR RESERVOIR	17	1
950 0	PARK-RELEASE-EMERG. VALVE (PREV)	16	1
971 002 9... 0	COUPLING HEAD W. INT. LINE FILTER	15	1
952 201 ... 0	COUPLING HEAD W. INT. LINE FILTER	14	2
952 201 ... 0	COUPLING HEAD W. INT. LINE FILTER	13	2
Product Identification No.	Denomination	Pos.	Qty.
841 701 231 0	TRAILER - EBS E	A 3	1
441 032 8... 0	ABS-SENSOR		
449 611 ... 0	DIAGNOSTIC CABLE		
449 349 ... 0	24N-CABLE		
449 173 ... 0	SUPPLY (POWER) CABLE		
449 723 ... 0	EXTENSION CABLE FOR SENSOR		
449 723 ... 0	EXTENSION CABLE FOR SENSOR		



- TRISTOP BRAKE ACTUATORS OPTIONALLY ON 2 AXLES
- SENSING OF THE AXLES 1 AND 2 IS OPTION
- * NOT APPLICABLE FOR DISC-BRAKES
- ** SUPPLY PIPE: 1X 18X2 OR 2X 15X1,5, MAX.LENGTH: 3m
- *** PIPING WITHOUT THREADED PIPE ANGLE
- OPTIONALLY

Copyright WABCO®		WABCO	
Part No.	Quantity	Part No.	Quantity
463 703 ... 0	1	TRAILER - EBS E	1
423 903 532 2	1	FOR 3-AXLES-SEMI TRAILER	1
423 000 ... 2	1	4S/3M	1
423 10 ... 0	1	Micro No.	841 701 232 0
480 102 ... 0	1	Part No.	002
934 300 001 0	1	Rev.	EN
451 989 ... 2	1	Part No.	4990
950 2	1	Rev.	1/1
971 002 9... 0	1	Part No.	841 701 232 0
952 201 001 0	1	Rev.	EN
952 201 002 0	1	Part No.	4990
952 201 002 0	1	Rev.	1/1



-TRISTOP BRAKE ACTUATOR OPTIONALY ON 2 AXLES
 -WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
 -SENSING OF THE AXLES OPTIONALY
 * NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE: 1X18X2, OR 2X15X1,5. MAX. LENGTH: 3m
 OR 1X15X1,5. MAX. LENGTH: <2m. PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALY

Pos./Pcs.	Denomination	Product identification No.	Pcs./Pcs.	Denomination	Product identification No.
16 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0	32 1	CABLE TO EBS-RV	449 429 ... 0
15 1	TEST CONNECTION	463 703 036 0	31 1	EBS-RELAY VALVE	480 207 0... 0
14 3	TEST CONNECTION	463 703 120 0	30 1	SUPPLY (POWER) CABLE	449 135 ... 0
13 1	TEST CONNECTION	463 703 115 0	29 1	SUPPLY (POWER) CABLE	449 347 ... 0
12 4	KIT	* 423 903 532 2	28 1	CAN-ROUTER	446 122 050 0
11 4	TRISTOP BRAKE ACTUATOR	925 ... 0	27 1	COUPLING HEAD, AUTOM. BRAKE	952 200 222 0
10 2	KIT	* 423 000 ... 2	26 1	COUPLING HEAD, AUTOM. SUPPLY	952 200 221 0
9 2	BRAKE CHAMBER	423 10... 0	25 2	HOSE CLAMP	451 999 ... 2
8 1	CHECK VALVE	434 014 000 0	24 1	AIR RESERVOIR	950 ... 0
7 1	TRAILER-MODULATOR W.EXTENSION MODUL.	480 102 ... 0	23 1	TRAILER CONTROL VALVE	973 ... 0
6 2	DRAIN VALVE	934 300 001 0	22 1	TWO WAY VALVE	434 208 02... 0
5 2	HOSE CLAMP	451 999 ... 2	21 4	ABS-SENSOR	441 032 8... 0
4 1	AIR RESERVOIR	950 ... 0	20 1	DIAGNOSTIC CABLE	449 611 ... 0
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	19 1	DOUBLE CUT-OFF VALVE	434 500 003 0
2 1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	18 1	SUPPLY (POWER) CABLE	449 133 ... 0
1 1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	17 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0

WABCO
 TRAILER - EBS E
 WITH CAN-ROUTER
 4S/3M

Part No. 841 701 234 0

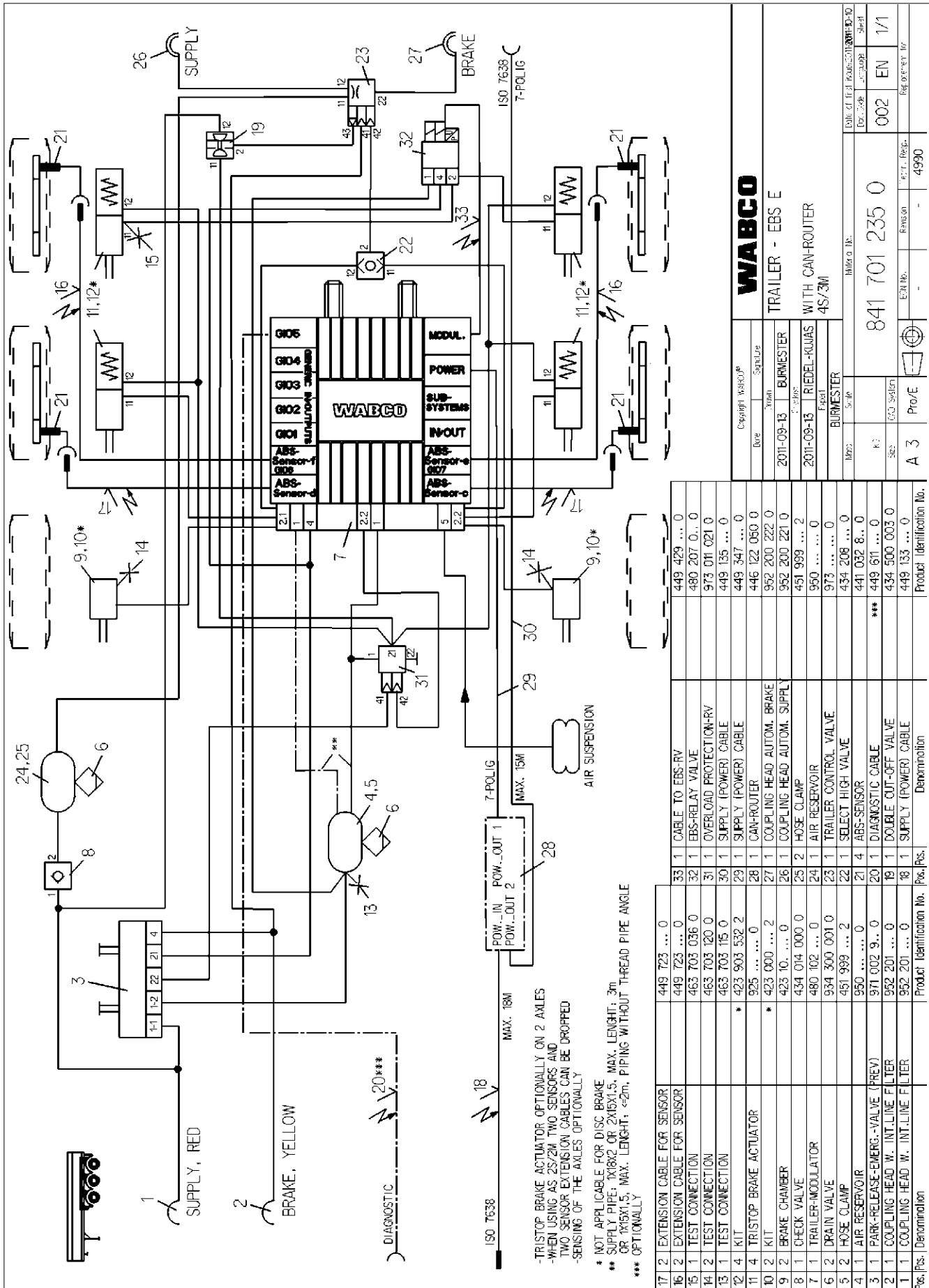
Version No. 002

Rev. No. EN

Scale 1/1

Product identification No. 4990

Date of first issue: 2011-09-06



ISO 7638
MAX. 18M
7-POLIG
MAX. 15M
AIR SUSPENSION

-TRISTOP BRAKE ACTUATOR OPTIONAL ON 2 AXLES
-WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
-SENSING OF THE AXLES OPTIONAL

* NOT APPLICABLE FOR DISC BRAKE
** SUPPLY PIPE: 1X18X2 OF 2X15X1,5. MAX. LENGTH: 3m OR 1X15X1,5. MAX. LENGTH: <2m. PIPING WITHOUT THREAD PIPE ANGLE
*** OPTIONAL

Pos./Pos.	Denomination	Product Identification No.	Pos./Pos.
17 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0	
16 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0	
15 1	TEST CONNECTION	463 703 036 0	
14 2	TEST CONNECTION	463 703 120 0	
13 1	TEST CONNECTION	463 703 115 0	
12 4	TRISTOP BRAKE ACTUATOR	423 903 532 2	
11 4	KIT	925 ... 0	
10 2	BRAKE CHAMBER	423 000 ... 2	
9 2	CHECK VALVE	423 10 ... 0	
8 1	TRAILER-MODULATOR	434 014 000 0	
7 1	HOSE CLAMP	480 102 ... 0	
6 2	AIR RESERVOIR	934 300 001 0	
5 2	TRAILER CONTROL VALVE	451 999 ... 2	
4 1	HOSE CLAMP	950 ... 0	
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	
2 1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	
1 1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	

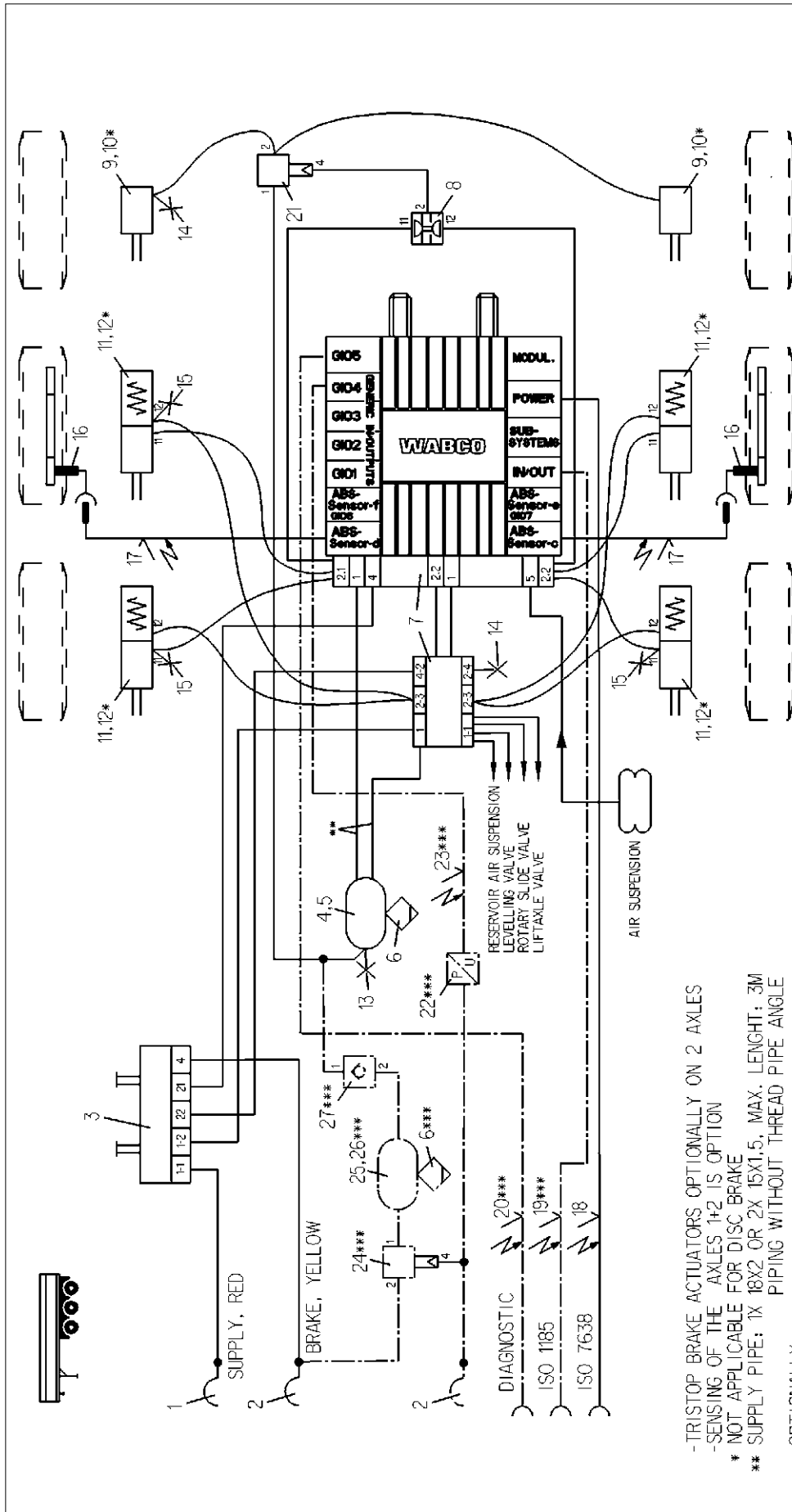
WABCO

TRAILER - EBS E
WITH CAN-ROUTER
4S/3M

Copyright WABCO®

Year	2011-09-13
Model	BURMIESTER
Version	2011-09-13 RIEDEL-KUJAS
Part No.	841 701 235 0
Rev.	002
EN No.	EN
Proj. No.	4990

ISO 7638-01



-TRISTOP BRAKE ACTUATORS OPTIONALLY ON 2 AXLES
 -SENSING OF THE AXLES 1+2 IS OPTION
 * NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE: 1X 18X2 OR 2X 15X1,5, MAX. LENGTH: 3M
 PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY

Pos.	Kit	Denomination	Product Identification No.	Pos.	Res.	Denomination	Product Identification No.
27	1	CHECK VALVE	434 014 000 0	***			
26	1	HOSE CLAMP	451 999 ... 2	***			
25	1	AIR RESERVOIR	950 410 004 0	***			
24	1	RELAY VALVE	973 011 000 0	***			
23	1	CABLE TO PRESSURE SENSOR	449 812 ... 0	***			
22	1	PRESSURE SENSOR	441 044 102 0	***			
21	1	RELAY VALVE	973 011 ... 0	***			
20	1	DIAGNOSTIC CABLE	449 611 ... 0	***			
19	1	24H CABLE	449 349 ... 0	***			
18	1	POWER CABLE	449 173 ... 0	***			
17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0	***			
16	2	ABS-SENSOR	441 032 8... 0	***			
15	3	TEST CONNECTION	463 703 036 0	***			
14	2	TEST CONNECTION	463 703 120 0	***			
13	1	TEST CONNECTION	463 703 115 0	***			

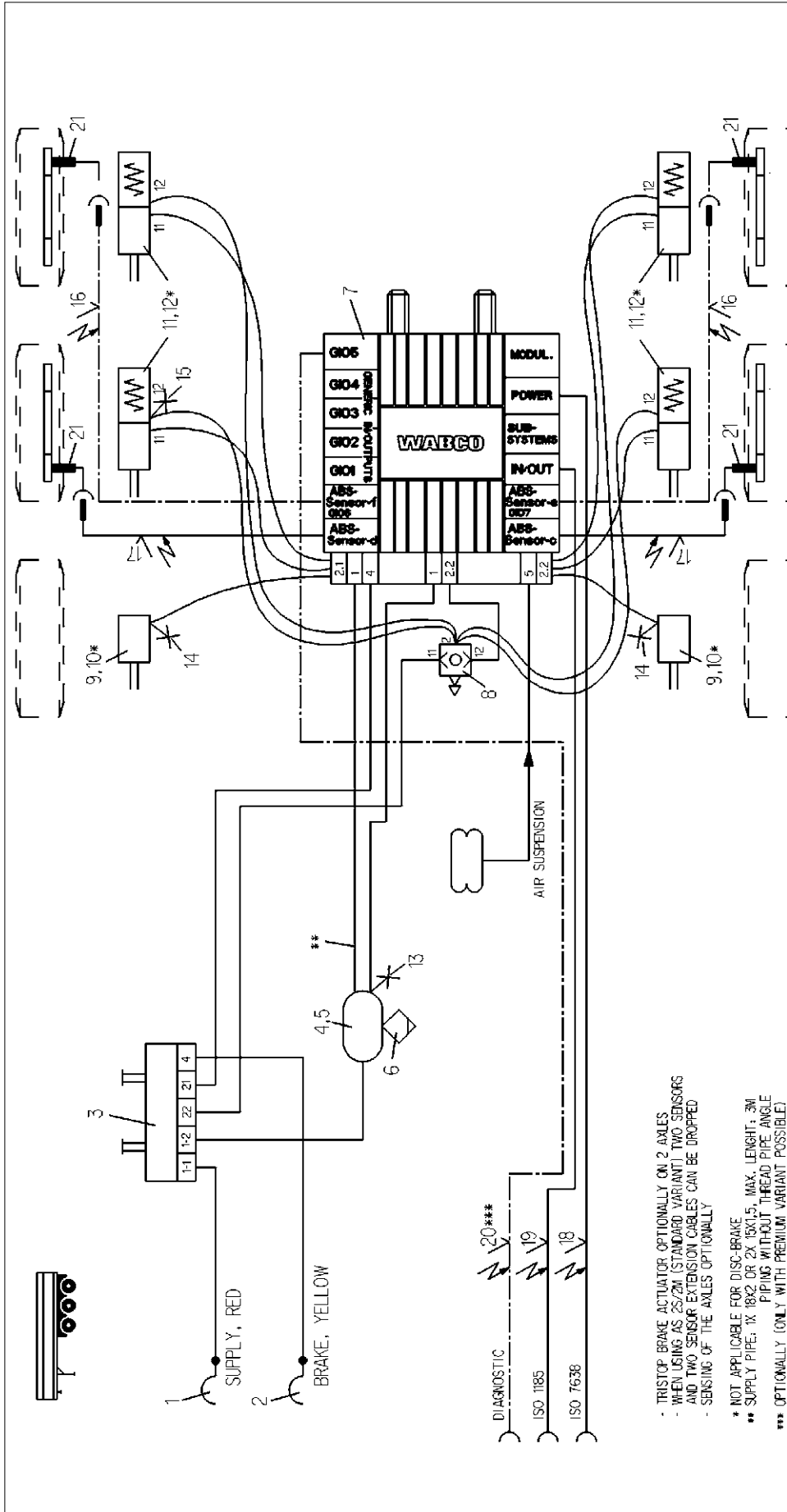
WABCO
 TRAILER - EBS E
 FOR 3-AXLES-SEMI TRAILER
 2S/2M

Signature: _____
 Date: 2012-01-09
 Drawn: BURMESTER
 Checked: CHRONIS
 Approved: BURMESTER

Part No.: 841 701 236 0
 Rev.: A 3
 Pro/E

Date of first issue: 2012-01-09
 Doc. type: Drawings
 Replacement for: EN 1/1

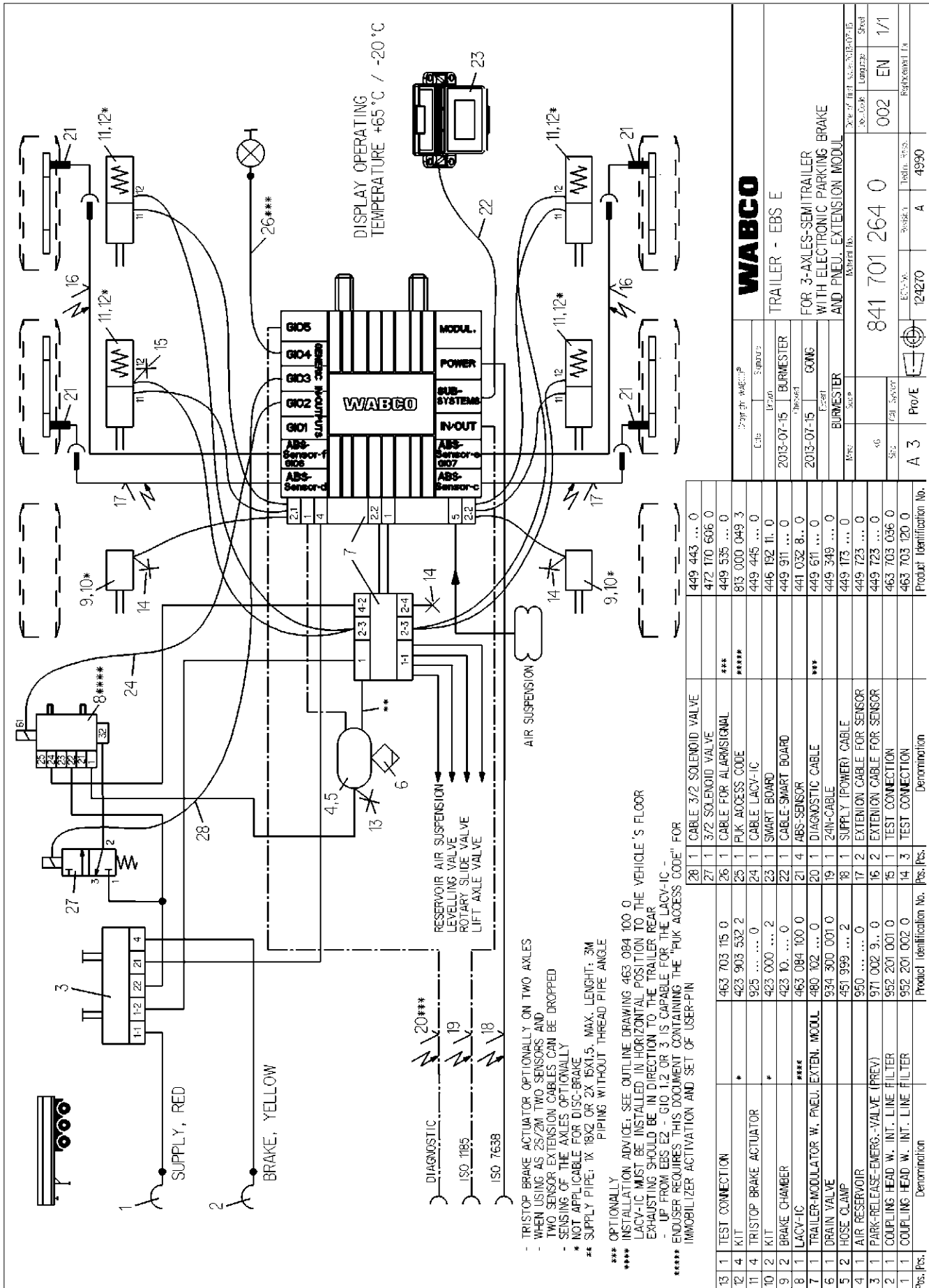
4990



* TRISTOP BRAKE ACTUATOR OPTIONALLY ON 2 AXLES
 - WHEN USING AS 2S/2M (STANDARD VARIANT), TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
 - SENSING OF THE AXLES OPTIONALLY
 ** NOT APPLICABLE FOR DISC-BRAKE
 ** SUPPLY PIPE: 1X 18X2 OR 2X 16X1,5, MAX. LENGTH: 3M
 PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY ONLY WITH PREMIUM VARIANT POSSIBLE)

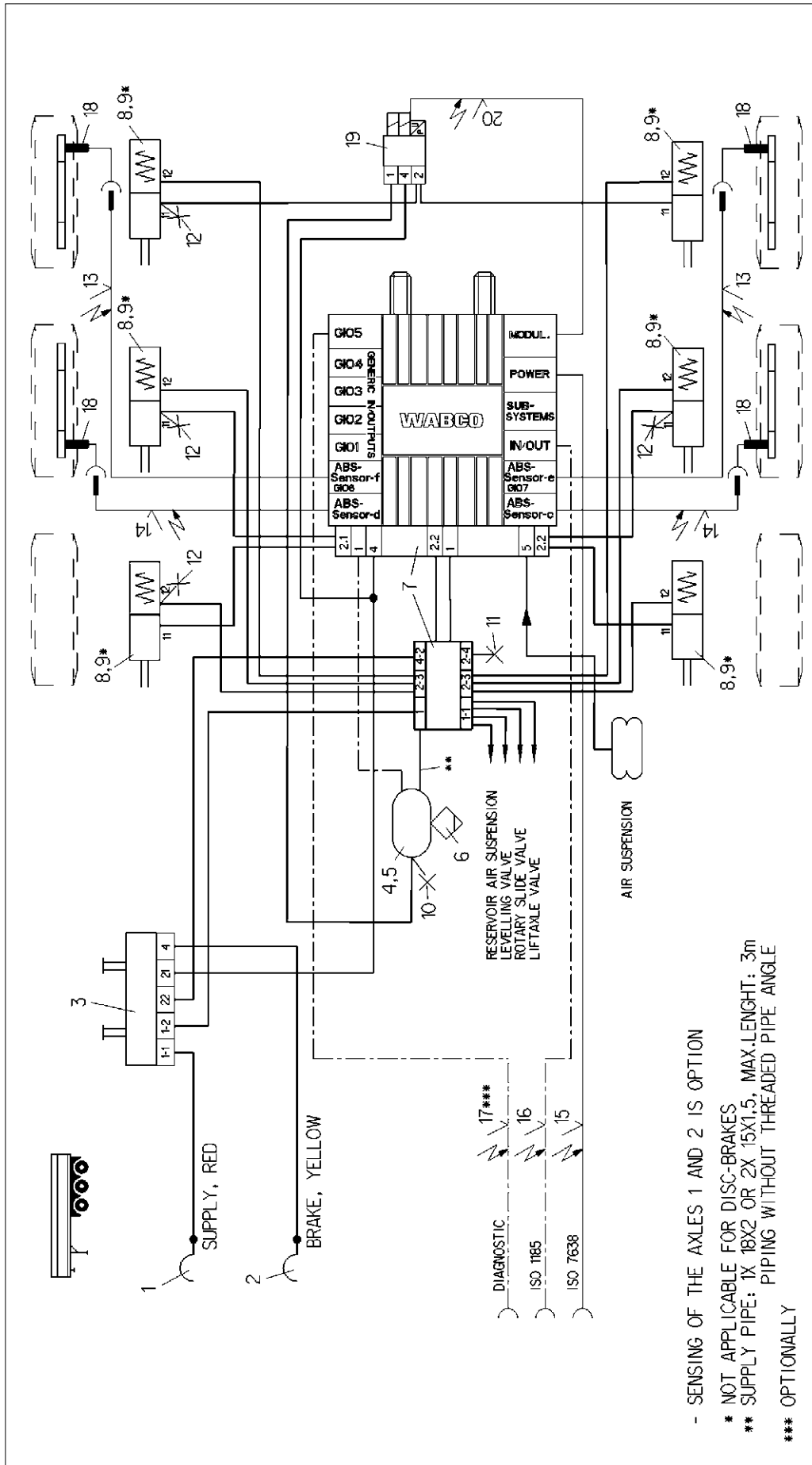
Product		WABCO	
Part No.	Description	Part No.	Description
13	1 TEST CONNECTION	463 703 115 0	Product identification No.
12	4 KIT	423 903 532 2	Denomination
11	4 TRISTOP BRAKE ACTUATOR	925 0	Pos. Pcs.
10	2 KIT	423 000 ... 2	
9	2 BRAKE CHAMBER	423 10 ... 0	
8	1 2-WAY QUICK RELEASE VALVE	973 500 051 0	
7	1 TRAILER-MODULATOR	480 102 ... 0	
6	1 DRAIN VALVE	934 300 001 0	
5	2 HOSE CLAMP	451 999 ... 0	
4	1 AIR RESERVOIR	950 0	
3	1 PARK-RELEASE-EMERGENCY VALVE (PREV)	971 002 9... 0	
2	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	
1	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	

WABCO		TRAILER - EBS E	
Year	Force	Product	Scope
2012-07-10	BURMESTER	2012-07-10	CHRONIS
		FOR 3-AXLES-SEMI TRAILER 4S/2M OR 2S/2M	
		BURMESTER	
		Material No.:	
		841 701 261 0	
		Date of first issue: 2012-07-10	
		Rev. Code	
		002	
		EN	
		1/1	
		ECCV-Nr.	
		4990	
		Techn. resp.	
		4990	

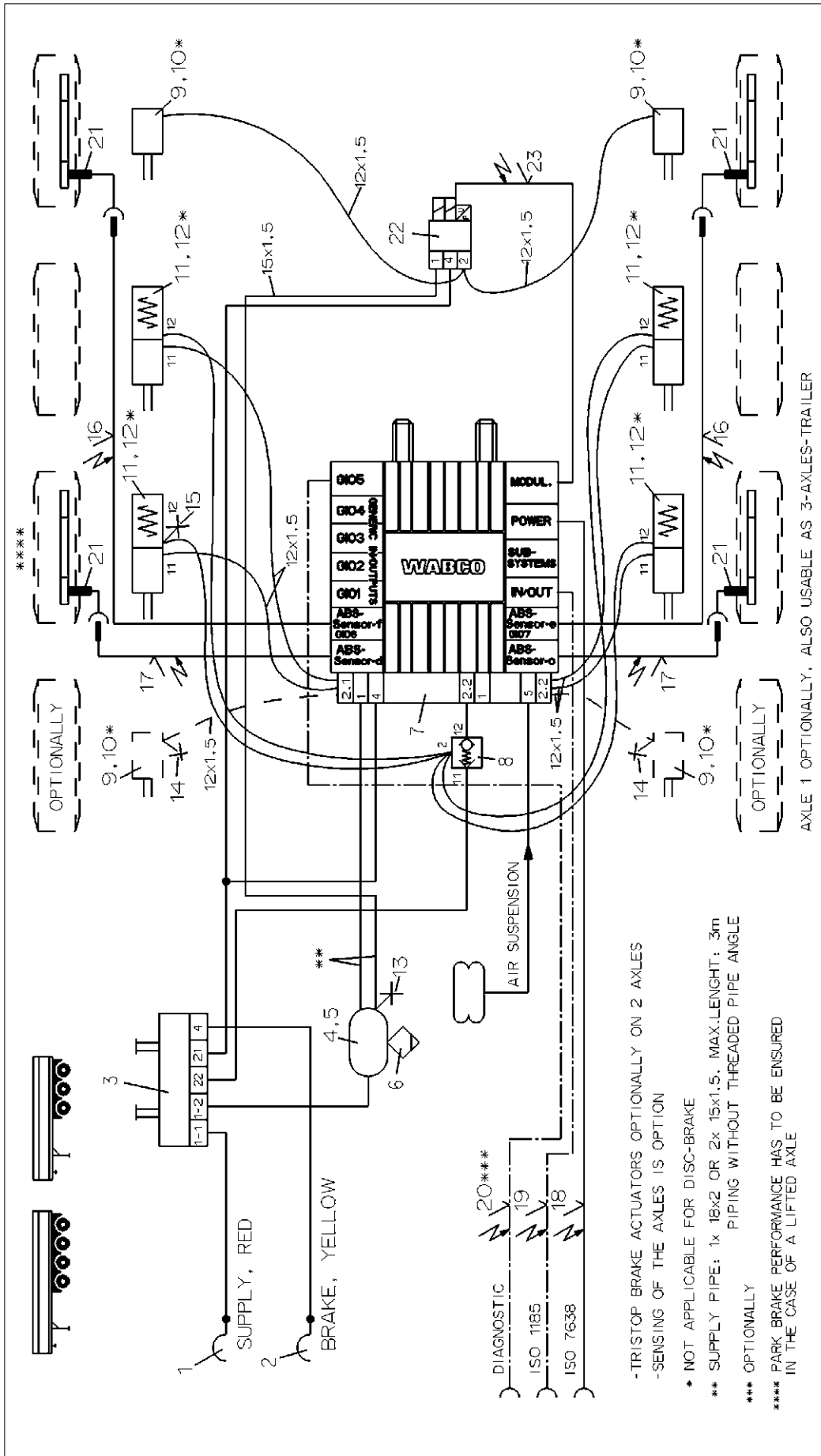


- TRISTOP BRAKE ACTUATOR OPTIONALLY ON TWO AXLES
- WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
- SENSING OF THE AXLES OPTIONALLY
- * NOT APPLICABLE FOR DISC-BRAKE
- ** SUPPLY PIPE: 1X 18X2 OR 2X 15X1.5, MAX. LENGTH: 3M PIPING WITHOUT THREAD PIPE ANGLE
- *** OPTIONALLY
- **** INSTALLATION ADVICE: SEE OUTLINE DRAWING 463 084 100 0 LACV-IC MUST BE INSTALLED IN HORIZONTAL POSITION TO THE VEHICLE'S FLOOR EXHAUSTING SHOULD BE IN DIRECTION TO THE TRAILER REAR
- UP FROM EBS E2 - GIO 1,2 OR 3 IS CAPABLE FOR THE LACV-IC - ENDUSER REQUIRES THIS DOCUMENT CONTAINING THE 'PUK ACCESS CODE' FOR IMMOBILIZER ACTIVATION AND SET OF USER-PIN

Pos./Pcs.	Denomination	Product Identification No.	Pos./Pcs.	Denomination	Product Identification No.
13 1	TEST CONNECTION	463 703 115 0	28 1	CABLE 3/2 SOLENOID VALVE	449 443 ... 0
12 4	TRISTOP BRAKE ACTUATOR	423 903 532 2	27 1	3/2 SOLENOID VALVE	472 170 606 0
11 4	TRISTOP BRAKE ACTUATOR	925 0	26 1	CABLE FOR ALARMSIGNAL	449 535 ... 0
10 2	KIT	423 000 ... 2	25 1	PUK ACCESS CODE	813 000 049 3
9 2	BRAKE CHAMBER	423 10 ... 0	24 1	CABLE LACV-IC	449 445 ... 0
8 1	LACV-IC	463 084 100 0	23 1	SMART BOARD	446 192 11 0
7 1	TRAILER-MODULATOR W. PNEU. EXTEN. MODUL.	480 102 ... 0	22 1	CABLE-SMART BOARD	449 911 ... 0
6 1	DRAIN VALVE	934 300 001 0	21 4	ABS-SENSOR	441 032 8... 0
5 2	HOSE CLAMP	451 999 ... 2	20 1	DIAGNOSTIC CABLE	449 611 ... 0
4 1	AIR RESERVOIR	950 0	19 1	24IN-CABLE	449 349 ... 0
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	18 1	SUPPLY (POWER) CABLE	449 173 ... 0
2 1	COUPLING HEAD W. INT. LINE FILTER	952 201 001 0	17 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
1 1	COUPLING HEAD W. INT. LINE FILTER	952 201 002 0	16 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
			15 1	TEST CONNECTION	463 703 086 0
			14 3	TEST CONNECTION	463 703 120 0

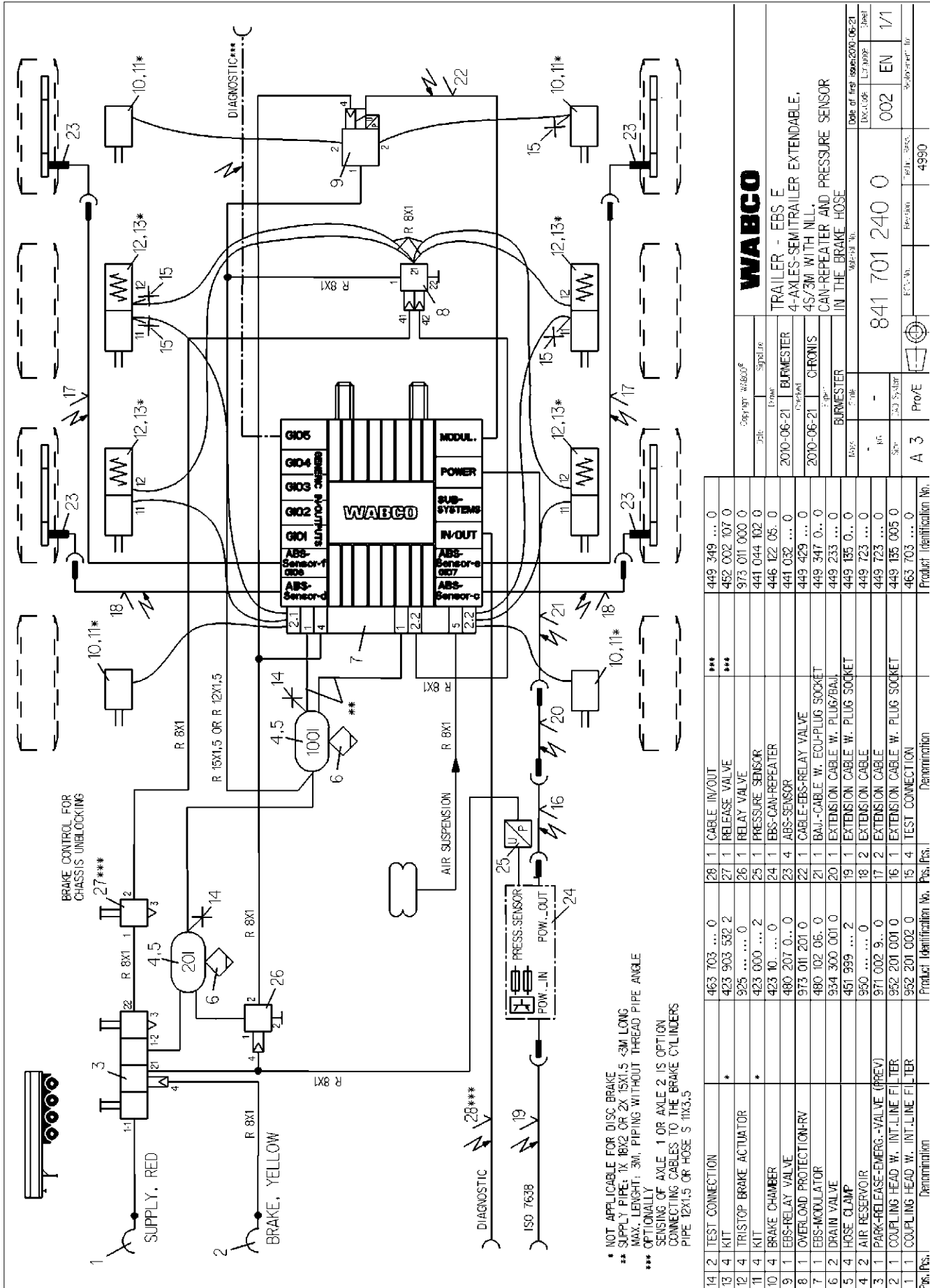


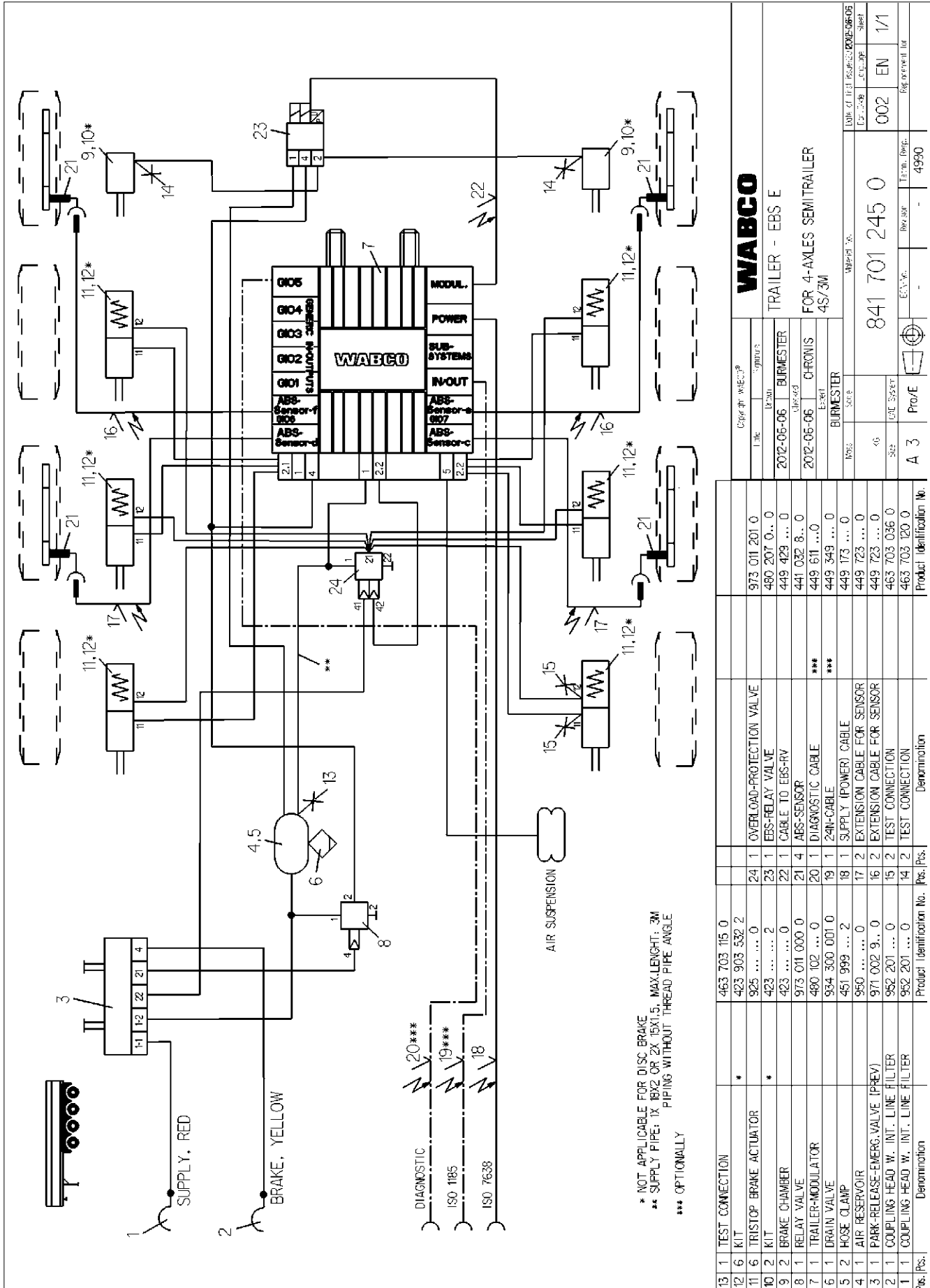
Part No.		Description		Quantity		Notes	
12	4	TEST CONNECTION	463 703 036 0	1			
11	1	TEST CONNECTION	463 703 120 0	1			
10	1	TEST CONNECTION	463 703 ... 0	1			
9	6	KIT	* 423 903 532 2	6			
8	6	TRISTOP BRAKE ACTUATOR	925 0	20	1		
7	1	TRAILER-MODULATOR W/EXTENSION MODUL	480 102 ... 0	19	1		
6	1	DRAIN VALVE	934 300 001 0	18	4		
5	2	HOSE CLAMP	451 999 ... 2	17	1		
4	1	AIR RESERVOIR	950 0	16	1		
3	1	PARK-RELEASE-EMERG. VALVE (PREV)	971 002 9... 0	15	1		
2	1	COUPLING HEAD W. INT. LINE FILTER	952 201 001 0	14	2		
1	1	COUPLING HEAD W. INT. LINE FILTER	952 201 002 0	13	2		
Pos. Pos.		Denomination	Product Identification No.	Pos. Pos.			
			449 429 ... 0				
			480 207 0... 0				
			441 032 8... 0				
			449 611 ... 0				
			449 349 ... 0				
			449 723 ... 0				
			449 723 ... 0				
			Product Identification No.				
			4990				



Pos./Pcs.	Denomination	Product Identification No.	Pos.	Pcs.	Denomination
12 4	KIT	423 903 532 2			
11 4	TRISTOP BRAKE ACTUATOR	925 ... 0	23 1	1	CABLE TO EBS-RV
10 4	KIT	423 000 ... 2	22 1	1	EBS-RELAY VALVE
9 4	BRAKE CHAMBER	423 10 ... 0	21 4	4	ABS-SENSOR
8 1	TWO-WAY-VALVE	434 208 055 0	20 1	1	DIAGNOSTIC CABLE
7 1	TRAILER-MODULATOR	480 102 ... 0	19 1	1	24V-CABLE
6 1	DRAIN VALVE	934 300 001 0	18 1	1	SUPPLY (POWER) CABLE
5 2	HOSE CLAMP	451 999 ... 2	17 2	2	EXTENSION CABLE FOR SENSOR
4 1	AIR RESERVOIR	950 ... 0	16 2	2	EXTENSION CABLE FOR SENSOR
3 1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	15 1	1	TEST CONNECTION
2 1	COUPLING HEAD W. INT. LINE FILTER	952 201 001 0	14 2	2	TEST CONNECTION
1 1	COUPLING HEAD W. INT. LINE FILTER	952 201 002 0	13 1	1	TEST CONNECTION
Pos./Pcs.	Denomination	Product Identification No.	Pos.	Pcs.	Denomination

Copyright WABCO®		Title		Drawn	Checked
WABCO		TRAILER - EBS E		06-12-04	APITHY
TRAILER - EBS E		FOR 3- AND 4-AXLES-SEMI TRAILER		06-12-04	GROSSK.
FOR 3- AND 4-AXLES-SEMI TRAILER		4S/3M			
BIRMESTER		Sheet No.		No. of fig. sheets/000-001	
841 701 050 0		Rev. No.		Ex. No.	
A 3		B		002	
123543		4990		EN 1/1	

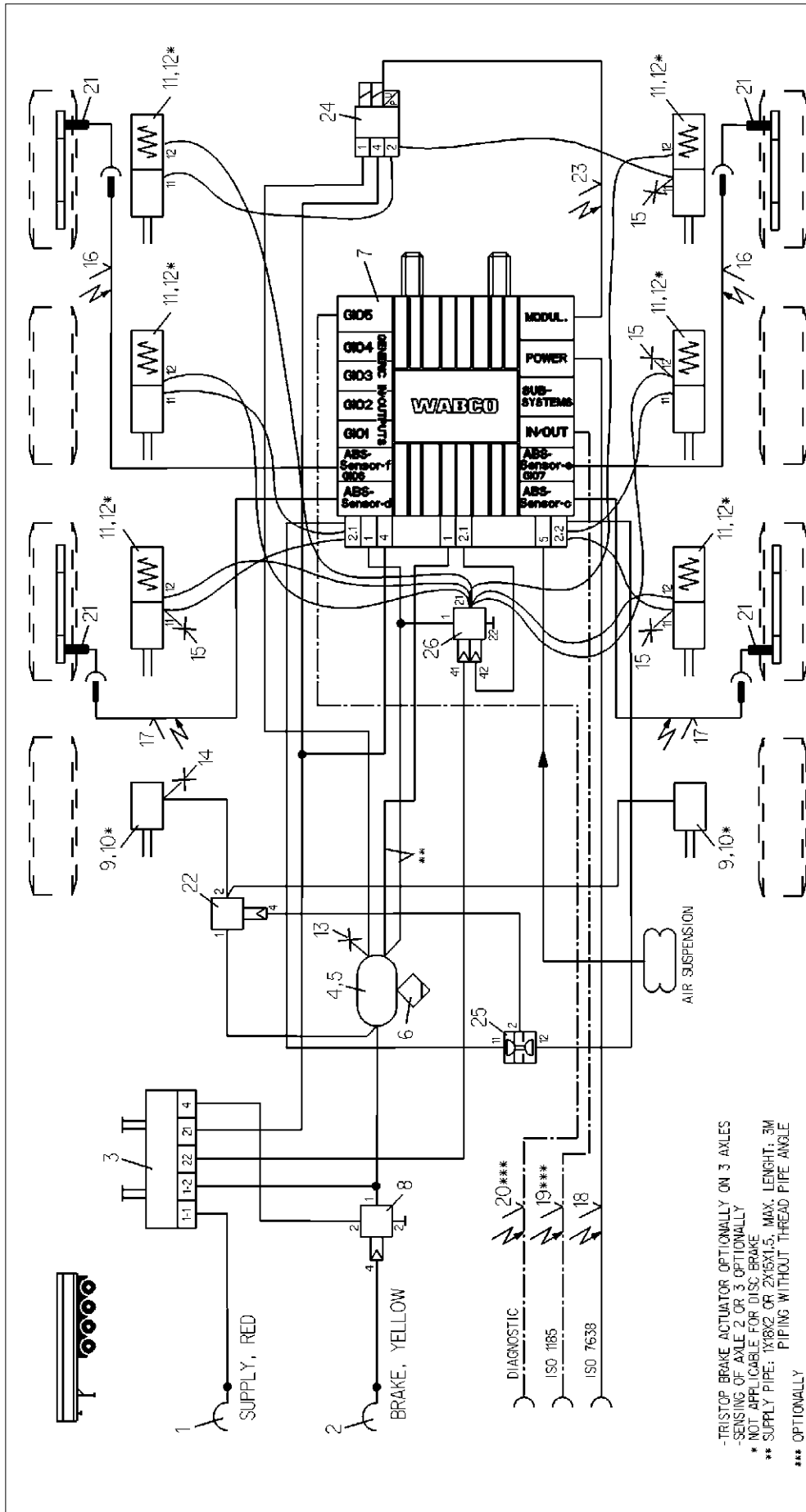




* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE: 1X BX2 OR 2X 15X1.5, MAX LENGTH: 3M
 PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY

Type No. WABCO		Symbol	
Line	Version	Line	Version
2012-06-06	BURMESTER	2012-06-06	BURMESTER
2012-06-06	CHRONIS	2012-06-06	CHRONIS
FOR 4-AXLES SEMI TRAILER 4S/3M			
WABCO No.			
841 701 245 0			
Date of first issue: 02/05/06-06-06			
EN 1/1			
002			
Refer to part list			
Rev. Sup. Term. Desc.			
A 3 Pro/E			
4990			

Pos./Pos.	Denomination	Pos./Pos.	Denomination
13	1 TEST CONNECTION	463 703 115 0	
12	6 KIT	423 903 532 2	
11	6 TRISTOP BRAKE ACTUATOR	925 0	24 1 OVERLOAD-PROTECTION VALVE
10	2 KIT	423 2	23 1 EBS-RELAY VALVE
9	2 BRAKE CHAMBER	423 0	22 1 CABLE TO EBS-RV
8	1 RELAY VALVE	973 011 000 0	21 4 ABS-SENSOR
7	1 TRAILER-MODULATOR	480 102 ... 0	20 1 DIAGNOSTIC CABLE
6	1 DRAIN VALVE	934 300 001 0	19 1 24IN-CABLE
5	2 HOSE CLAMP	451 999 ... 2	18 1 SUPPLY (POWER) CABLE
4	1 AIR RESERVOIR	950 0	17 2 EXTENSION CABLE FOR SENSOR
3	1 PARK-RELEASE-EMERG. VALVE (PREV)	971 002 9.. 0	16 2 EXTENSION CABLE FOR SENSOR
2	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	15 2 TEST CONNECTION
1	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	14 2 TEST CONNECTION
Denomination		Product Identification No.	
		463 703 120 0	



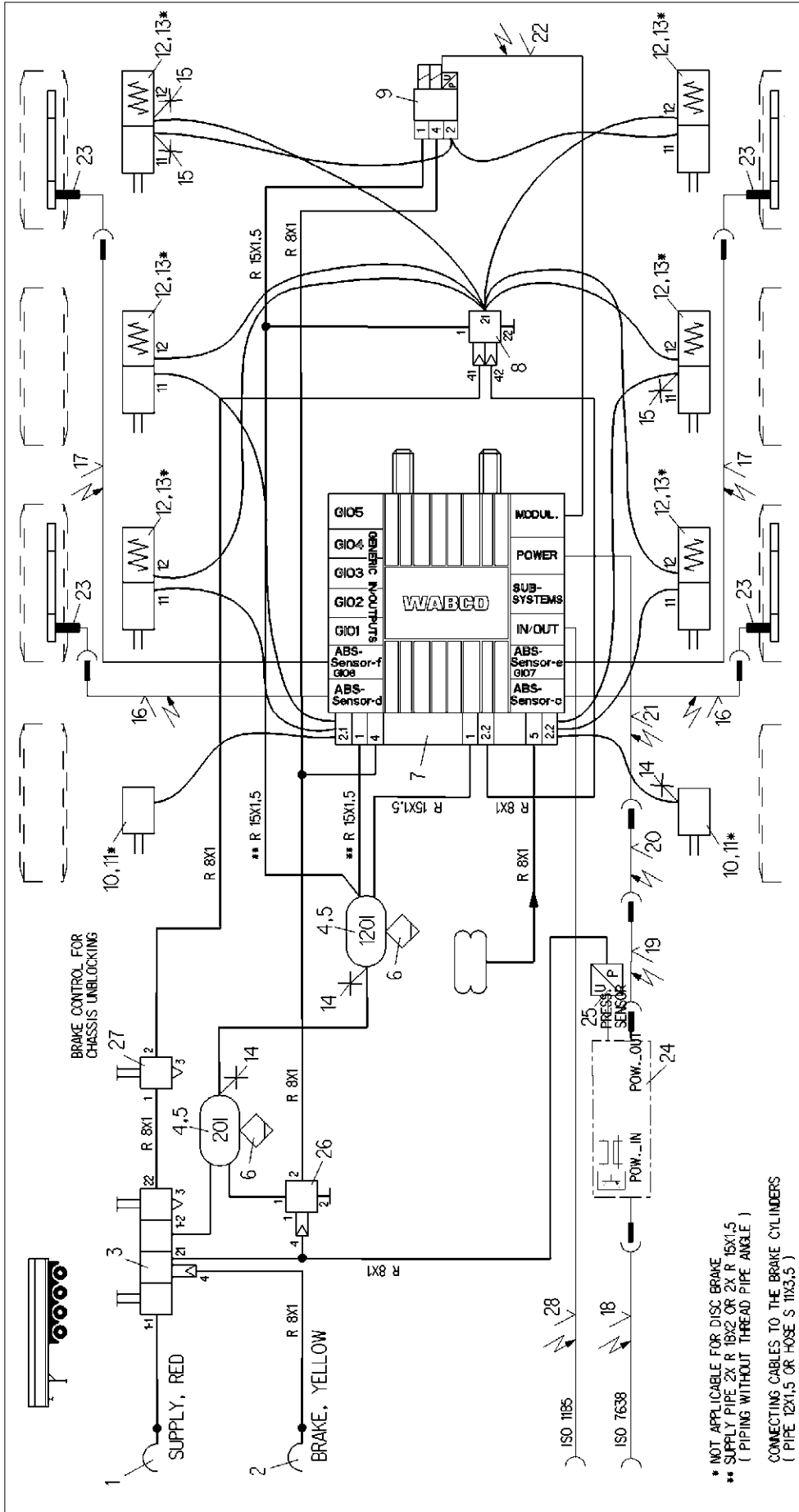
-TRISTOP BRAKE ACTUATOR OPTIONALLY ON 3 AXLES
 -SENSING OF AXLE 2 OR 3 OPTIONALLY
 * NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE: 1X18X2 OR 2X15X1.5, MAX. LENGTH: 3M
 PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY

13	1	TEST CONNECTION	463 703 115 0	26	1	OVERLOAD PROTECTION-RV	973 011 201 0
12	6	KIT	423 903 532 2	25	1	DOUBLE SHUT-OFF VALVE	434 500 003 0
11	6	TRISTOP BRAKE ACTUATOR	925 0	24	1	EBBS-RELAY VALVE	480 207 0.. 0
10	2	KIT	423 000 ... 2	23	1	CABLE TO EBS-RV	449 429 ... 0
9	2	BRAKE CHAMBER	423 10.. .. 0	22	1	RELAY VALVE	973 011 000 0
8	1	RELAY VALVE	973 011 0.. 0	21	4	ABS-SENSOR	441 032 8.. 0
7	1	TRAILER-MODULATOR	480 102 06 0	20	1	DIAGNOSTIC CABLE	449 611 ... 0
6	1	DRAIN VALVE	934 300 001 0	19	1	2-IN-CABLE	449 349 ... 0
5	2	HOSE CLAMP	451 999 ... 2	18	1	SUPPLY (POWER) CABLE	449 173 ... 0
4	1	AIR RESERVOIR	950 0	17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
3	1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9.. 0	16	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2	1	COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	15	4	TEST CONNECTION	463 703 036 0
1	1	COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	14	1	TEST CONNECTION	463 703 120 0
Pos./Pcs.		Denomination	Product Identification No.	Pos./Pcs.		Denomination	Product Identification No.

WABCO
 TRAILER - EBS E
 FOR 4-AXLES-SEMI TRAILER
 4S/3M AXLE 1 SELECT LOW

Part No. 841 701 246 0
 Date of issue: 05.03.2013-11-13
 Rev. 002
 Component: 002
 EN 1/1
 Refinement: ..

Material No. 841 701 246 0
 EDR-No. 4990
 Techn. PCE: 4990
 Pro/E



* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE 2X R 18X2 OR 2X R 15X1.5
 (PIPING WITHOUT THREAD PIPE ANGLE)
 CONNECTING CABLES TO THE BRAKE CYLINDERS
 (PIPE 12X1.5 OR HOSE S 11X3.5)

14	3	TEST CONNECTION	463 703 ... 0	28	1	CABLE IN/OUT	449 349 ... 0
13	6	KIT	423 903 532 2	27	1	RELEASE VALVE	963 006 005 0
12	6	TRISTOP BRAKE ACTUATOR	925 ... 0	26	1	RELAY VALVE	973 011 000 0
11	2	KIT	423 ... 2	25	1	PRESSURE SENSOR	441 044 102 0
10	2	BRAKE CHAMBER	423 ... 0	24	1	EBS-CAN-REPEATER	446 122 053 0
9	1	EBS-RELAY VALVE	480 207 0... 0	23	4	ABS-SENSOR	441 032 ... 0
8	1	OVERLOAD PROTECTION-REV	973 011 201 0	22	1	CABLE-EBS-RELAY VALVE	449 429 000 0
7	1	EBS-MODULATOR	480 102 06... 0	21	1	BAJ.-CABLE W. ECU-PLUG SOCKET	449 347 080 0
6	2	DRAIN VALVE	934 300 001 0	20	1	BAJ.-CABLE WITH PLUG SOCKET	449 133 120 0
5	4	HOSE CLAMP	451 999 ... 2	19	1	BAJ.-CABLE WITH PLUG	449 231 120 0
4	2	AIR RESERVOIR	950 ... 0	18	1	V-CABLE WITH PLUG SOCKET	449 135 0... 0
3	1	PARK-RELEASE-EMERG. VALVE (PREV)	971 002 9... 0	17	2	EXTENSION CABLE	449 723 ... 0
2	1	COUPLING HEAD W. INT.L.I.ME FILTER	952 201 001 0	16	2	EXTENSION CABLE	449 723 ... 0
1	1	COUPLING HEAD W. INT.L.I.ME FILTER	952 201 002 0	15	3	TEST CONNECTION	463 703 ... 0
Pos./Pcs.		Denomination	Product Identification No.	Pos./Pcs.		Denomination	Product Identification No.

WABCO

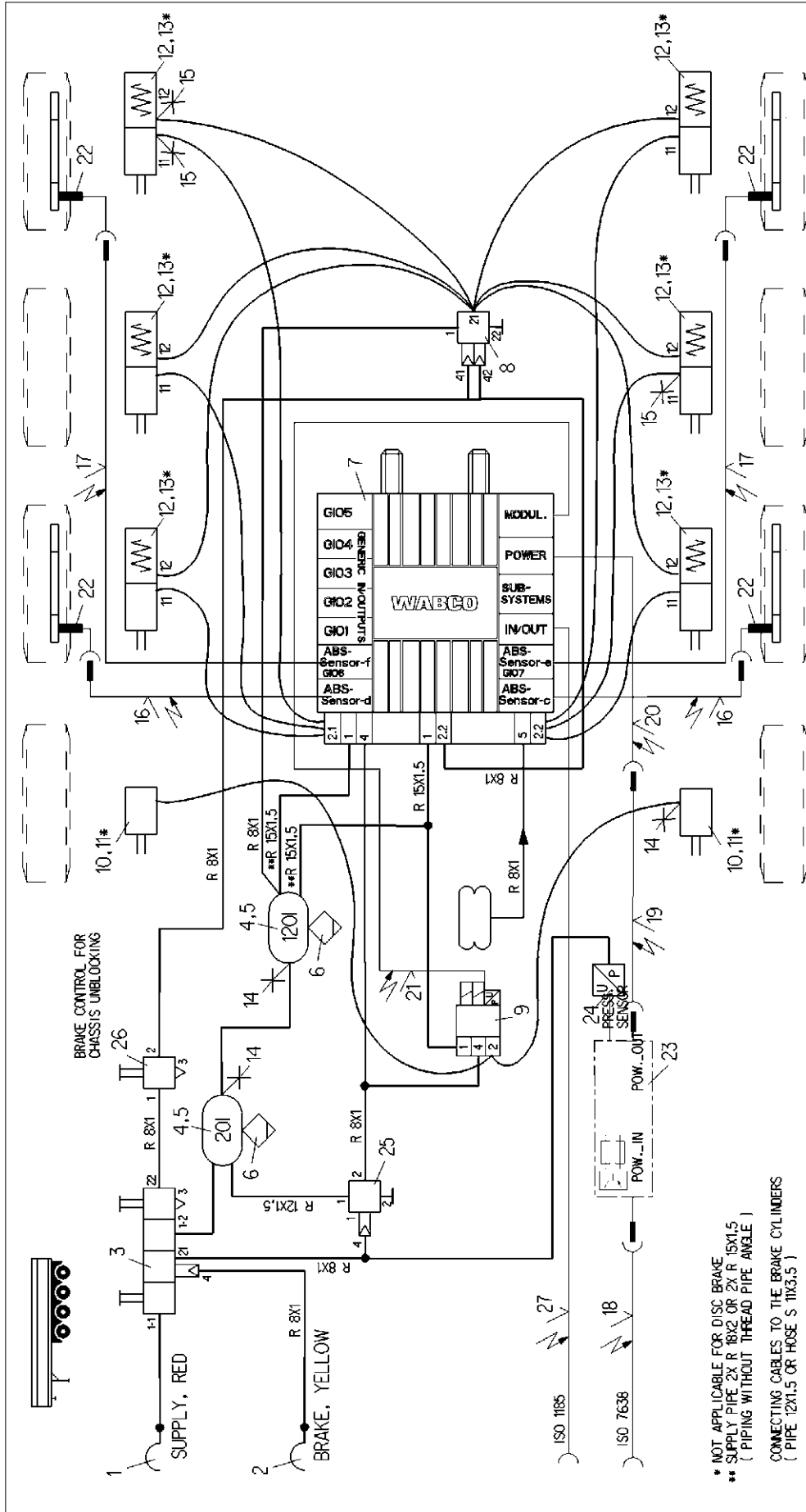
TRAILER - EBS E
 4-AXLES-SEMITRAILER EXTENDABLE,
 EBS-4S/3M CAN-REPEATER,
 RELAY VALVE AND PRESSURE SENSOR
 IN THE BRAKE HOSE

841 701 247 0

Date of first issue:	2015-04-14
Doc. Code:	002
Doc. Type:	EN
Doc. No.:	1/1

Doc. No.	841 701 247 0
Doc. Type	EN
Doc. No.	002
Doc. Type	EN
Doc. No.	1/1

Part No.	A 3
Part Name	CREO
Part No.	4990
Part Name	4990



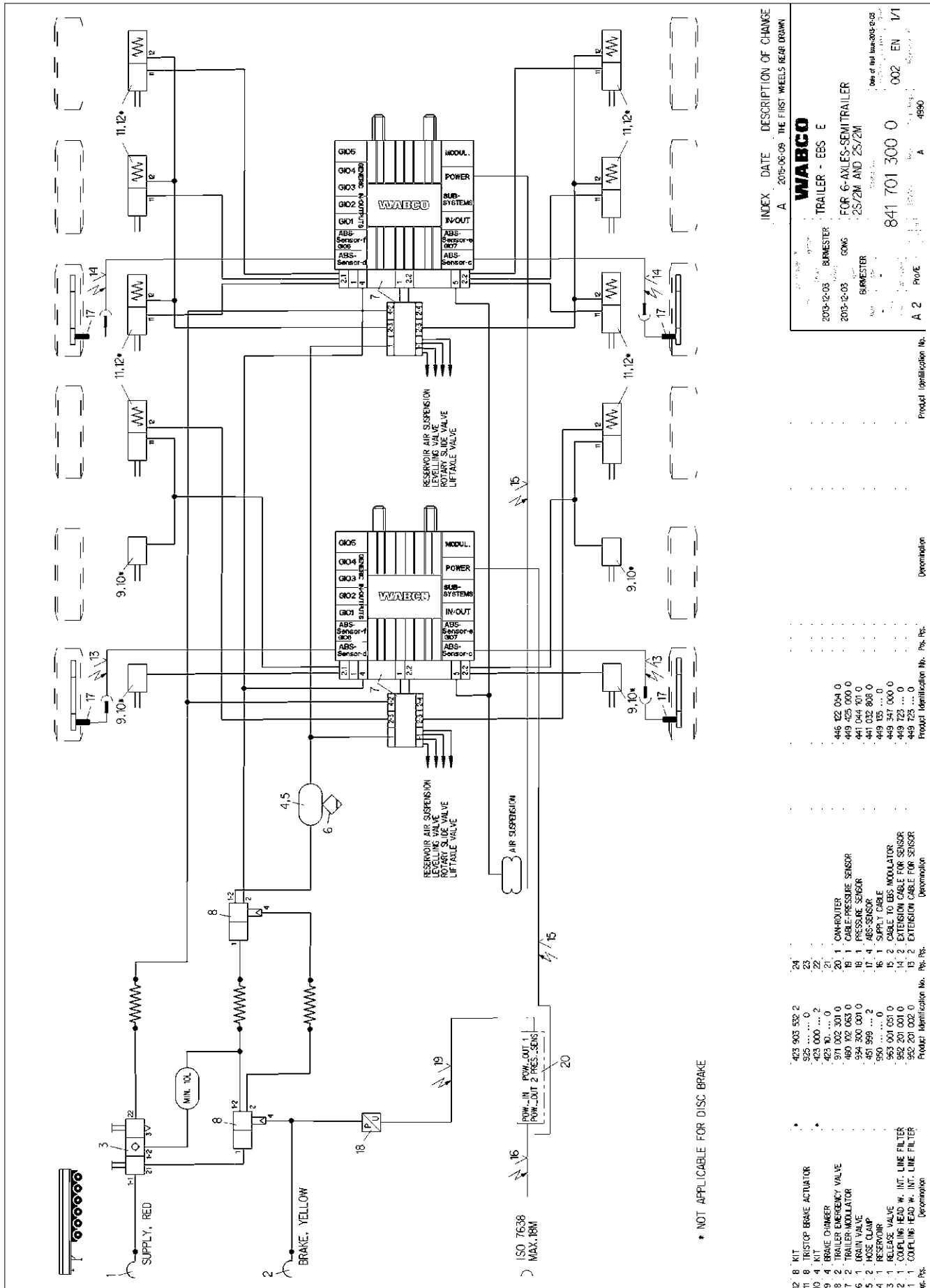
* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE 2X R 18X2 OR 2X R 15X1.5
 (PIPING WITHOUT THREAD PIPE ANGLE)
 CONNECTING CABLES TO THE BRAKE CYLINDERS
 (PIPE 12X1.5 OR HOSE S 11X3.5)

Fig./Pcs.	Denomination	Product Identification No.	Pcs./Pcs.	Denomination	Product Identification No.
14	3 TEST CONNECTION	463 703 ... 0	28	CABLE IN/OUT	449 349 ... 0
13	6 KIT	423 903 532 2	27	1 RELEASE VALVE	963 006 005 0
12	6 TRISTOP BRAKE ACTUATOR	925 ... 0	26	1 RELAY VALVE	973 011 000 0
11	2 KIT	423 ... 2	25	1 PRESSURE SENSOR	441 044 102 0
10	2 BRAKE CHAMBER	423 ... 0	24	1 EBS-CAN-REPEATER	446 122 053 0
9	1 EBS-RELAY VALVE	480 207 0.. 0	23	4 ABS-SENSOR	441 032 ... 0
8	1 OVERLOAD PROTECTION-RV	973 011 201 0	22	4 CABLE-EBS-RELAY VALVE	449 429 000 0
7	1 EBS-MODULATOR	480 102 06.. 0	21	1 BAJ.-CABLE W. EQUI-PLUG SOCKET	449 347 003 0
6	2 DRAIN VALVE	934 300 001 0	20	1 V-CABLE-EXTENSION DIN-BAJ. 40M	894 600 032 0
5	4 HOSE CLAMP	451 999 ... 2	19	1 V-CABLE WITH PLUG SOCKET	449 135 0.. 0
4	2 AIR RESERVOIR	950 ... 0	18	2 EXTENSION CABLE	449 723 ... 0
3	1 PARK-RELEASE-EMERG. VALVE (PREV)	971 002 9.. 0	17	2 EXTENSION CABLE	449 723 ... 0
2	1 COUPLING HEAD W. INT.LINE FILTER	952 201 001 0	16	2 TEST CONNECTION	463 703 ... 0
1	1 COUPLING HEAD W. INT.LINE FILTER	952 201 002 0	15	3 Denomination	



TRAILER - EBS E
 4-AXLES-SEMITRAILER EXTENDABLE,
 EBS-4S/3M CAN-REPEATER,
 RELAY VALVE AND PRESSURE SENSOR
 IN THE BRAKE HOSE

Copyright WABCO	Signal	2015-04-20	BURMESTER	2015-04-20	CRONIS	BURMESTER	Scale	1/1	002	EN	1/1	Date of first issue 2015-04-20
841 701 248 0	COHAC	Revisión	4990	Techn. Resp.	HWR	00493						



* NOT APPLICABLE FOR DISC BRAKE

INDEX DATE DESCRIPTION OF CHANGE
A 2005-05-09 THE FIRST WHEELS REAR DRAWN

WABCO

TRAILER - EBS E

FOR 6-AXLES-SEMITRAILER

2S/2M AND 2S/2M

2005-12-03 BARNISTER

2003-12-03 GONG

BARNISTER

841 701 300 0

002 EN 1/1

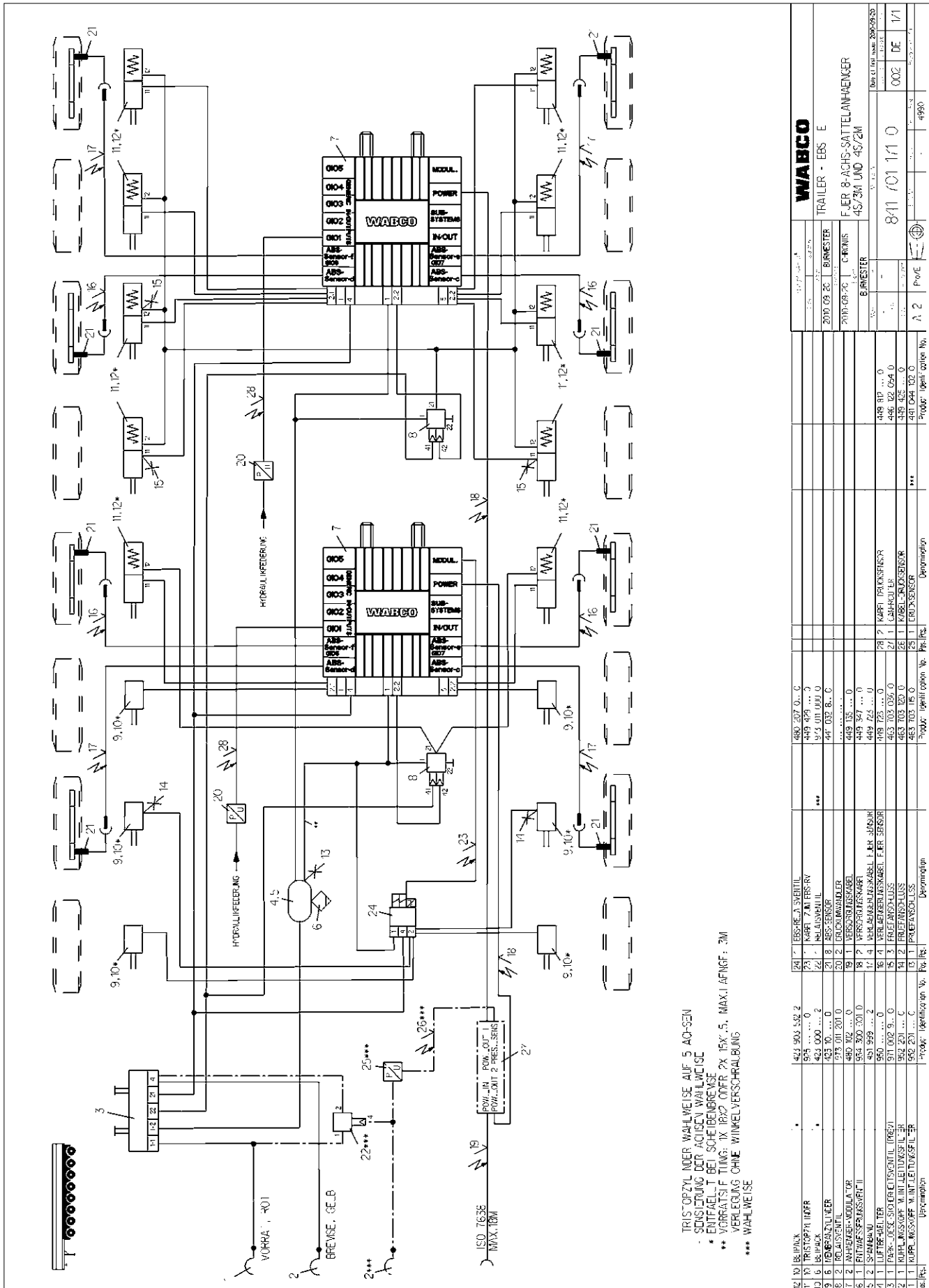
Product Identification No. A 2 PROE

Denomination

Product Identification No. Pcs. Pcs.

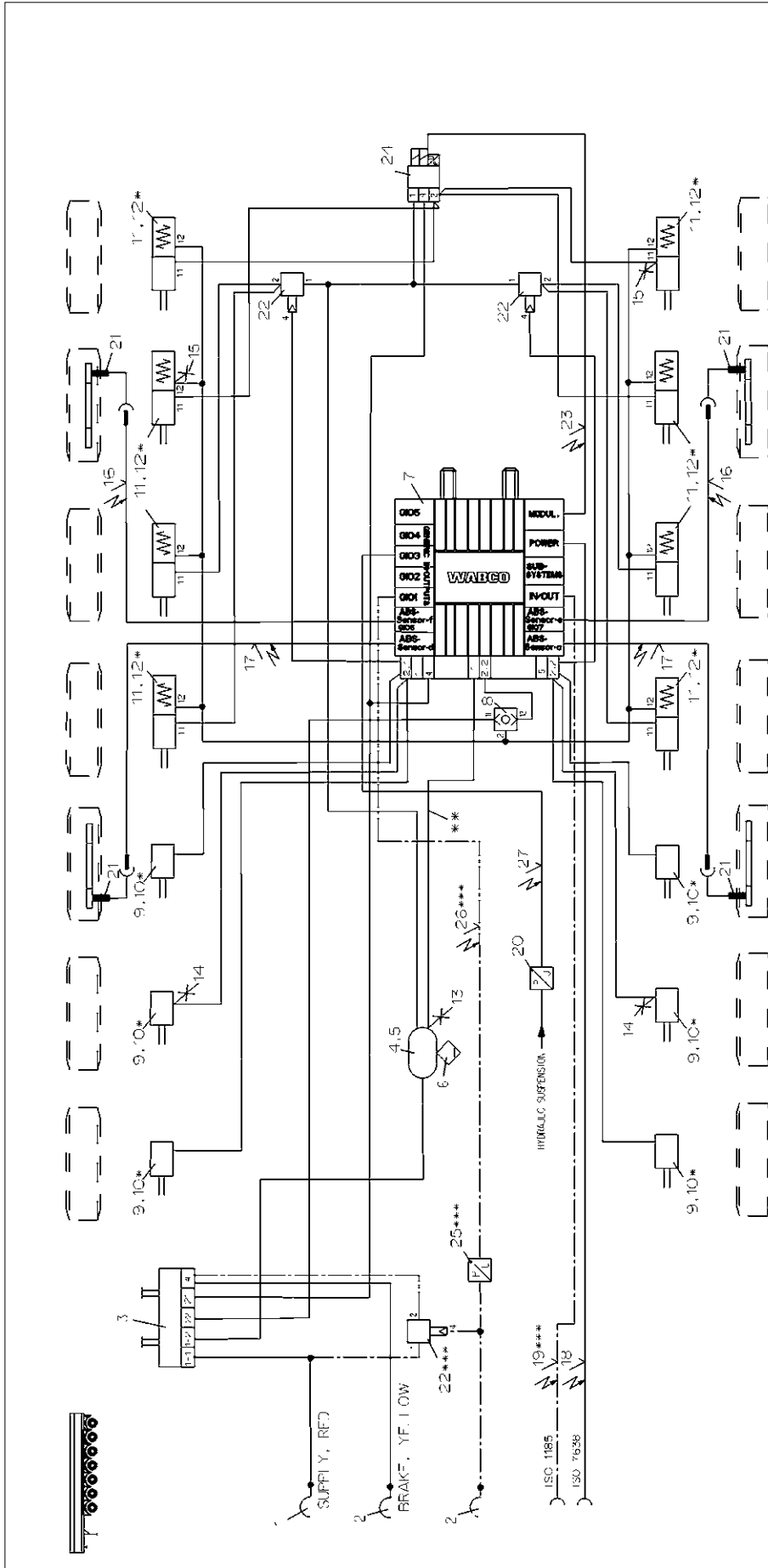
Denomination

12	8 KIT	423 903 532 2	24
11	8 TRISTOP BRAKE ACTUATOR	925 ... 0	23
10	4 KIT	423 000 ... 2	22
9	4 BRAKE CHAMBER	423 10 ... 0	21
8	2 TRAILER EMERGENCY VALVE	371 002 301 0	20
7	2 TRAILER-MODULATOR	980 102 063 0	19
6	2 RELEASE VALVE	984 999 00 0	18
5	2 MASS CLIP	467 999 00 2	17
4	1 RESERVOIR	950 ... 0	16
3	1 RELEASE VALVE	563 001 031 0	15
2	1 COUPLING HEAD W. INT. LINE FILTER	982 201 001 0	14
1	1 COUPLING HEAD W. INT. LINE FILTER	982 201 002 0	13



TRISTOPF NUR WAHLWEISE AUF 5 AQ-SEN
 - SCHLÜSSELUNG DER AQ-SEN WAHLWEISE
 - ENTFEHLT BEI SCHLEIFENREISE
 ** VORRAT FÜHRUNG: 1X 18X2 GÖTTE, 2X 15X, 5. MAX. LÄNGE: 3M
 *** WAHLWEISE

WABCO		TRAILER - EBS E	
2000 09 28	BIRMESTER	2000 09 28	C-FORMIS
FÜR 8-ACHS-SATTELANHÄNGER 45/3M UND 45/2M		BIRMESTER	
841 701 171 0		841 701 171 0	
002 DE 1/1		002 DE 1/1	
A 2		A 2	
4990		4990	

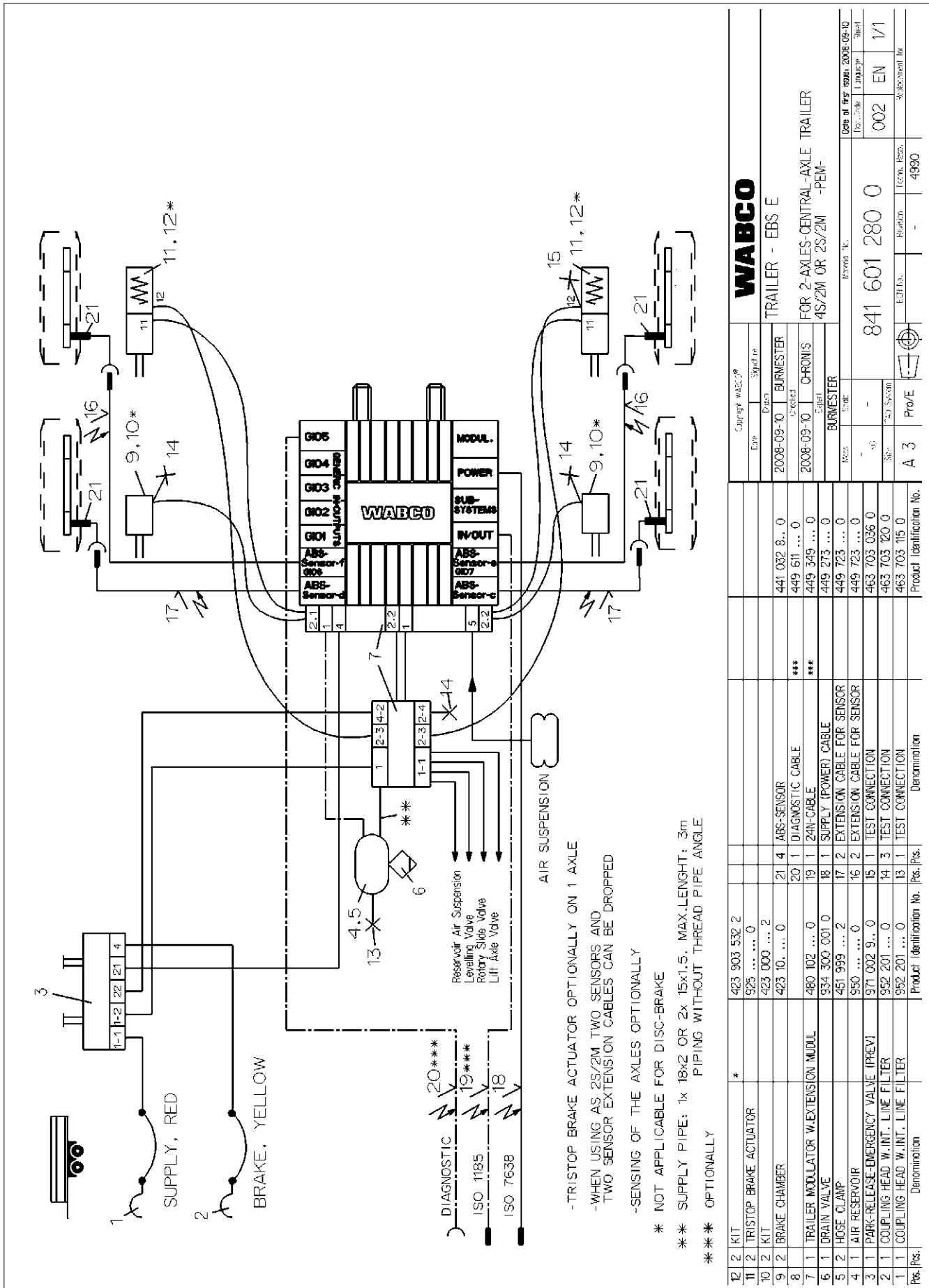


-TRISTOP BRAKE ACTUATOR (OPTIONALLY ON 4 AXLES
 -SENSING OF THE AXLES IS OPTION
 * NOT APPLICABLE FOR DISC BRAKE
 ** SUPPL. P FE: 1X18X2 OF 2X15X1.5. MAX. LENGTH: 3M
 PIPING W THOLT THREAD PIPE ANGLE
 *** OPTIONALLY

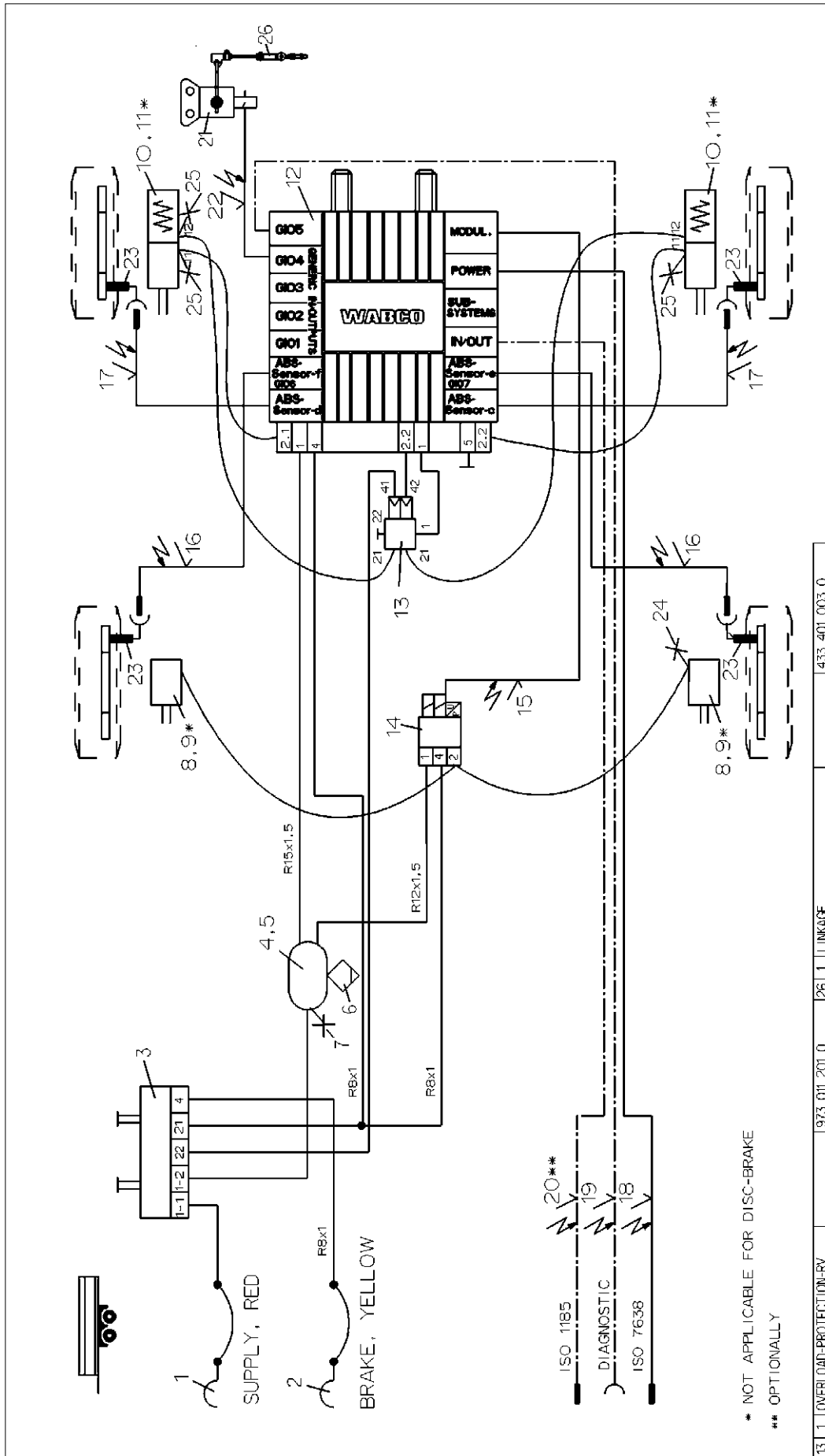
15	1	TEST CONNECTION	463 703 115 C	249 810 ... 0
16	1	TRISTOP BRAKE ACTUATOR	426 906 52 2	249 810 ... 0
17	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
18	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
19	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
20	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
21	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
22	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
23	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
24	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
25	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
26	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
27	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
28	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
29	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
30	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
31	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
32	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
33	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
34	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
35	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
36	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
37	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
38	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
39	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
40	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
41	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
42	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
43	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
44	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
45	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
46	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
47	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
48	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
49	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
50	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
51	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
52	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
53	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
54	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
55	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
56	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
57	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
58	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
59	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
60	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
61	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
62	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
63	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
64	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
65	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
66	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
67	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
68	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
69	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
70	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
71	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
72	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
73	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
74	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
75	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
76	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
77	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
78	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
79	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
80	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
81	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
82	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
83	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
84	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
85	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
86	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
87	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
88	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
89	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
90	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
91	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
92	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
93	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
94	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
95	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
96	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
97	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
98	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
99	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...
100	1	TRISTOP BRAKE ACTUATOR	926 ... 0	...

2.2 Central axle trailer

AXLE(S)	ABS SYSTEM	NUMBER	TRISTOP™	OVERLOAD PROTECTION VALVE	PEM	MECHANICAL SUSPENSION	ADDITIONAL TRAILER	PREV	COMMENT	PAGE
1	2S/2M	841 601 290 0	x		x			x		163
2	4S/2M 2S/2M	841 601 280 0	x		x			x		164
2	4S/3M	841 601 281 0	x	x		x		x	VB unit	165
2	4S/2M 2S/2M	841 601 282 0	x	x				x		166
2	4S/2M 2S/2M	841 601 283 0	x				x	x	Dolly	167
2	4S/2M 2S/2M	841 601 284 0	x					x	4x Tristop™	168
2	4S/2M 2S/2M	841 601 285 0	x				x	x	Dolly / hydraulic suspension	169
2	4S/2M 2S/2M	841 601 286 0	x	x			x	x	Dolly	170
2	4S/2M 2S/2M	841 601 287 0	x		x		x	x	Dolly CAN router	171
2	4S/2M 2S/2M	841 601 288 0				x				172
2	4S/2M 2S/2M	841 601 289 0	x	x				x	Auxiliary relay / optionally RSS	173
2	4S/2M 2S/2M	841 601 320 0	x	x			x	x	Dolly CAN router	174
2	4S/3M	841 601 322 0	x		x			x	4x Tristop™	175
2	4S/3M	841 601 323 0	x		x			x		176
2	2S/2M	841 601 324 0	x	x				x	Hydraulic suspension	177
2	4S/2M 2S/2M	841 601 325 0								178
2	4S/2M 2S/2M	841 601 326 0	x	x				x	4x Tristop™	179
2	4S/2M 2S/2M	841 601 327 0	x		x	x		x		180
2	4S/3M	841 601 328 0	x	x		x		x	VB unit / 4x Tristop™	181
2	4S/3M	841 601 329 0	x	x		x		x	W unit / 4x Tristop™	182
2	4S/3M	841 601 392 0				x			VB unit	183
3	4S/2M 2S/2M	841 601 300 0	x		x			x		184
3	4S/2M 2S/2M	841 601 301 0	x	x				x		185
3	4S/2M 2S/2M	841 601 302 0							Hydraulic suspension / Multi-Voltage	186
3	2S/2M	841 601 303 0	x	x				x	Hydraulic suspension	187
3	4S/2M 2S/2M	841 601 304 0	x	x				x	Hydraulic suspension / Multi-Voltage	188



Copyright WABCO		WABCO	
Year	Subject	Year	Subject
2008-09-10	BURMESTER	2008-09-10	TRAILER - EBS E
2008-09-10	CHRONIS	2008-09-10	FOR 2-AXLES-CENTRAL-AXLE TRAILER
			4S/2M OR 2S/2M -PEM-
			Item No. 841 601 280 0
			Revision 002
			Encl. EN 1/1
			Subcontract No. 4990

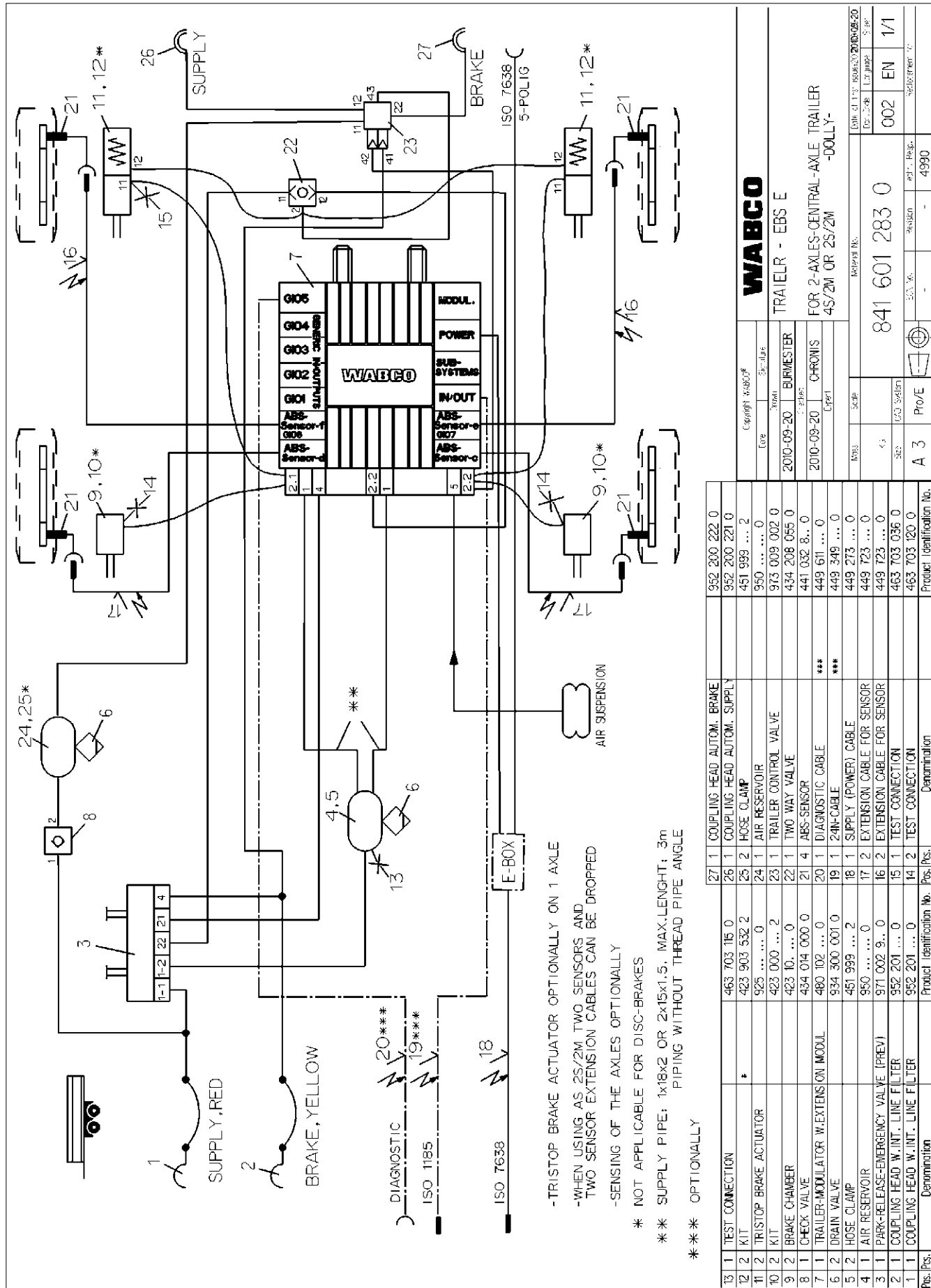


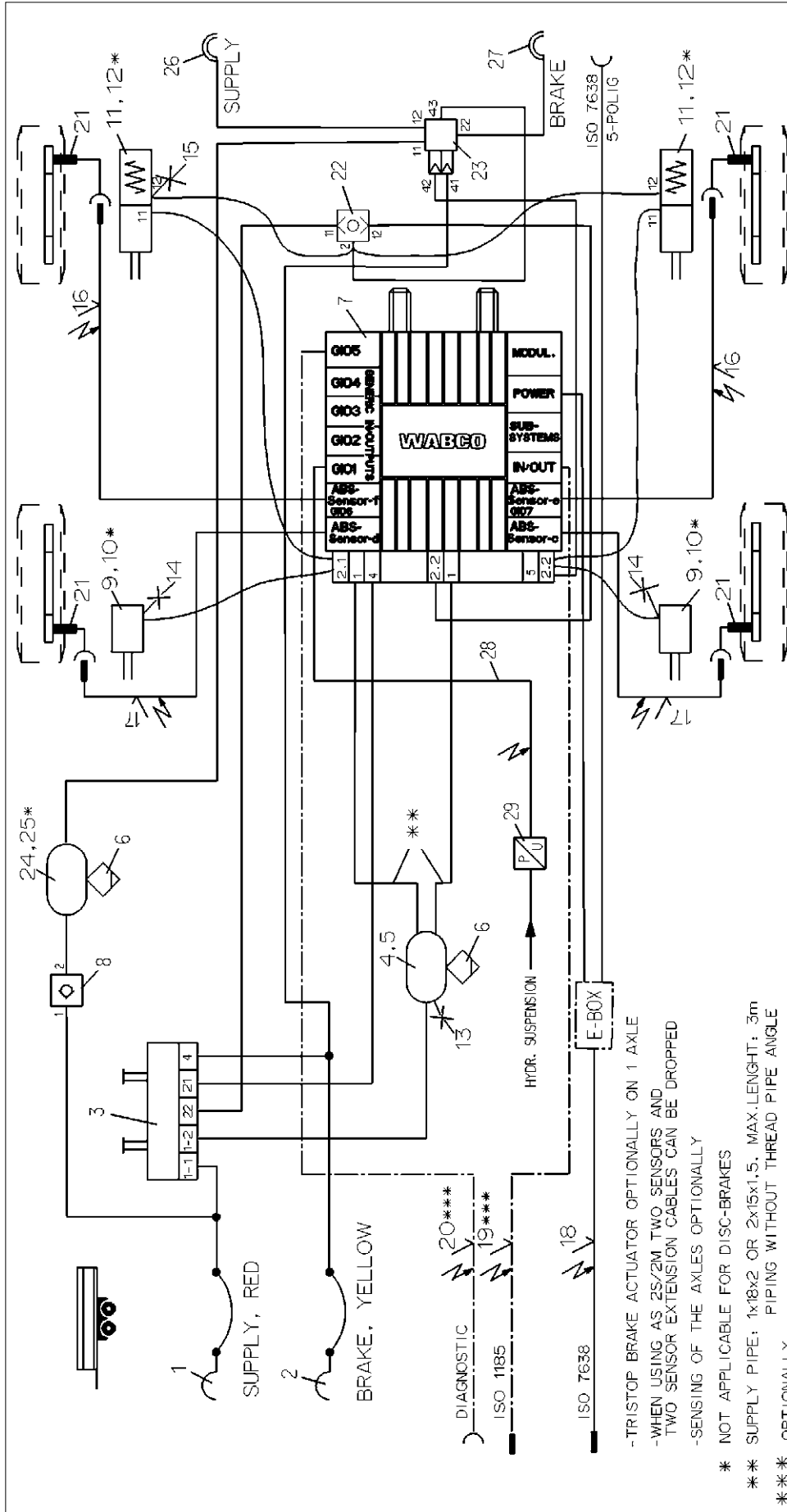
* NOT APPLICABLE FOR DISC-BRAKE
 ** OPTIONALLY

13	1	OVERLOAD-PROTECTION-RV	973 011 201 0	26	1	LINKAGE	433 401 003 0
12	1	TRAILER-MODULATOR	480 102 ... 0	25	3	TEST CONNECTION	463 703 036 0
11	2	KIT	423 903 532 2	24	1	TEST CONNECTION	463 703 120 0
10	2	TRISTOP BRAKE ACTUATOR	925 0	23	4	ABS-SENSOR	441 0
9	2	KIT	423 2	22	1	GIO-CABLE-DISTANCE SENSOR	449 811 ... 0
8	2	BRAKE CHAMBER	423 0	21	1	DISTANCE SENSOR	441 050 100 0
7	1	TEST CONNECTION	463 703 ... 0	20	1	24M-CABLE	449 349 ... 0
6	1	DRAIN VALVE	934 300 001 0	19	1	DIAGNOSTIC CABLE	449 611 ... 0
5	2	HOSE Q-AMP	451 999 ... 2	18	1	SUPPLY (POWER) CABLE	449 273 ... 0
4	1	AIR RESERVOIR	950 0	17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
3	1	PARK-RELEASE-EMERGENCY VALVE (PREV)	971 002 9... 0	16	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2	1	COUPLING HEAD W.INT.LINE FILTER	952 201 ... 0	15	1	CABLE TO EBS-RV	449 429 ... 0
1	1	COUPLING HEAD W.INT.LINE FILTER	952 201 ... 0	14	1	EBS-RELAY VALVE	480 207 0... 0
Exa.Pcs.		Denomination	Product Identification No.	Exa.Pcs.		Denomination	Product Identification No.

City: Wabco		Signature	
Date	2008-09-15	Checked	BURMESTER
Date	2008-09-15	Checked	CHRONIS
Area	BURMESTER	Area	BURMESTER
Year	-	Year	-
Part No.	841 601 281 0	Part No.	841 601 281 0
Version	EN	Version	EN
Revision	002	Revision	002
Plant	EN	Plant	EN
Equipment	1/1	Equipment	1/1

Date of first issue: 2008-09-15	
Doc. Code	4990
Doc. No.	4990
Doc. Rev.	002
Doc. Status	EN
Doc. Type	1/1





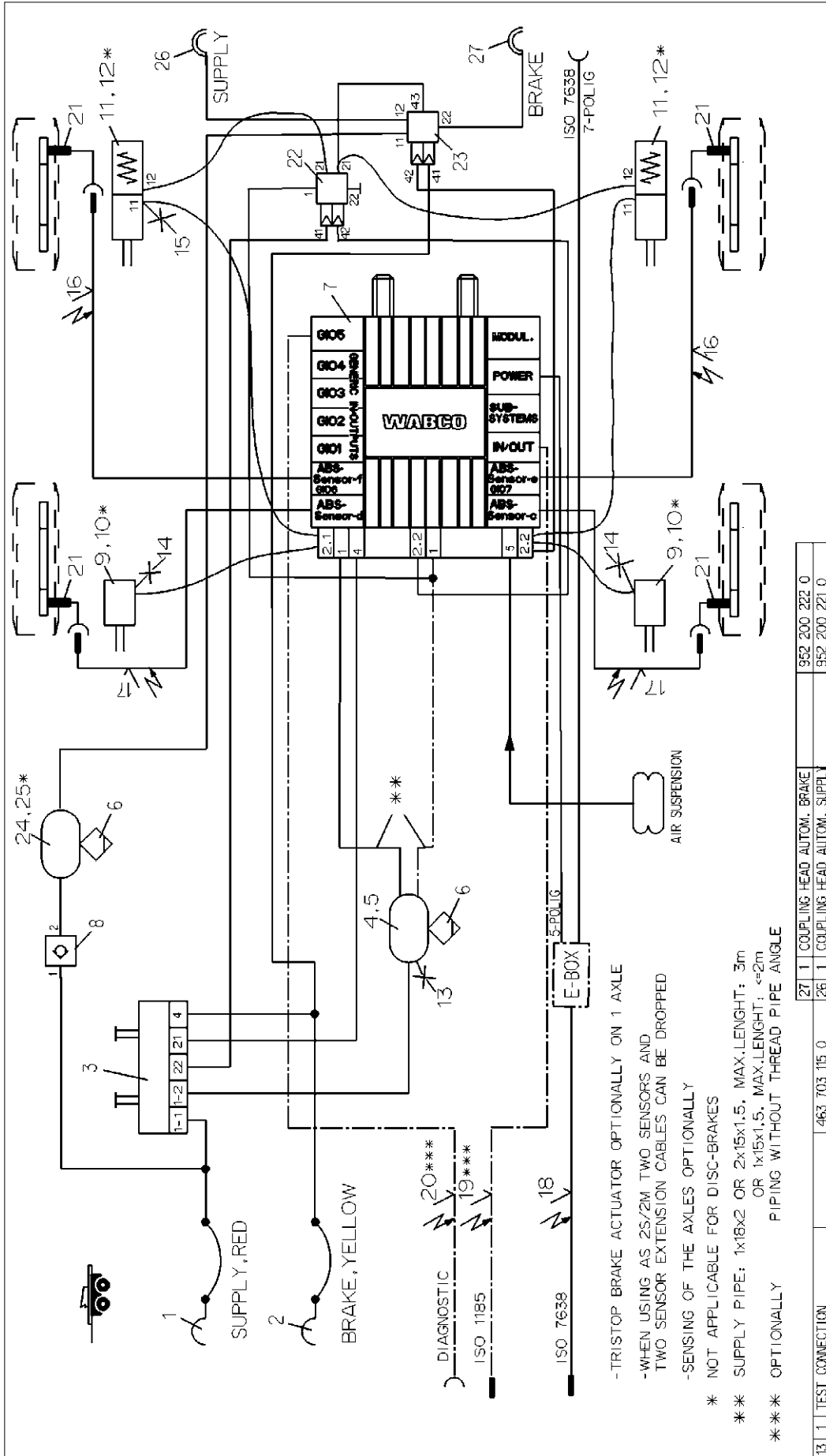
- TRISTOP BRAKE ACTUATOR OPTIONAL ON 1 AXLE
 - WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
 - SENSING OF THE AXLES OPTIONALLY
 * NOT APPLICABLE FOR DISC-BRAKES
 ** SUPPLY PIPE; 1x18x2 OR 2x15x1,5, MAX. LENGTH: 3m PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY

Pos.	Pos.	Product Identification No.	Denomination	Pos./Pcs.
15	1	463 703 036 0		
14	2	463 703 120 0		
13	1	463 703 115 0		
12	2	925 ... 0		
11	2	423 903 532 2		
10	2	423 000 ... 0		
9	1	423 10 ... 0		
8	1	434 014 000 0		
7	1	490 702 ... 0		
6	2	934 300 001 0		
5	2	451 999 ... 2		
4	1	950 ... 0		
3	1	971 002 9... 0		
2	1	952 201 ... 0		
1	1	952 201 ... 0		

Part No.	Description	Quantity
29	1 PRESSURE SENSOR	1
28	1 CABLE-PRESSURE SENSOR	1
27	1 COUPLING HEAD AUTOM. BRAKE	1
26	1 COUPLING HEAD AUTOM. SUPPLY	1
25	2 HOSE CLAMP	2
24	1 AIR RESERVOIR	1
23	1 TRAILER CONTROL VALVE	1
22	1 TWO WAY VALVE	1
21	4 ABS-SENSOR	4
20	1 DIAGNOSTIC CABLE	1
19	1 24IN-CABLE	1
18	1 SUPPLY (POWER) CABLE	1
17	2 EXTENSION CABLE FOR SENSOR	2
16	2 EXTENSION CABLE FOR SENSOR	2

WABCO		TRAILER - EBS E	
Part No.	Description	Quantity	Material No.
2008-09-24	BURMESTER	1	841 601 285 0
2008-09-24	CHRONIS	1	
2008-09-24	BURMESTER	1	

Doc. No.	Rev.	Issue Date	Page
841 601 285 0	002	EN	1/1



-TRISTOP BRAKE ACTUATOR OPTIONAL ON 1 AXLE
 -WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
 -SENSING OF THE AXLES OPTIONAL
 * NOT APPLICABLE FOR DISC-BRAKES
 ** SUPPLY PIPE: 1x18x2 OR 2x15x1.5, MAX.LENGTH: 3m OR 1x15x1.5, MAX.LENGTH: <=2m
 *** OPTIONALLY PIPING WITHOUT THREAD PIPE ANGLE

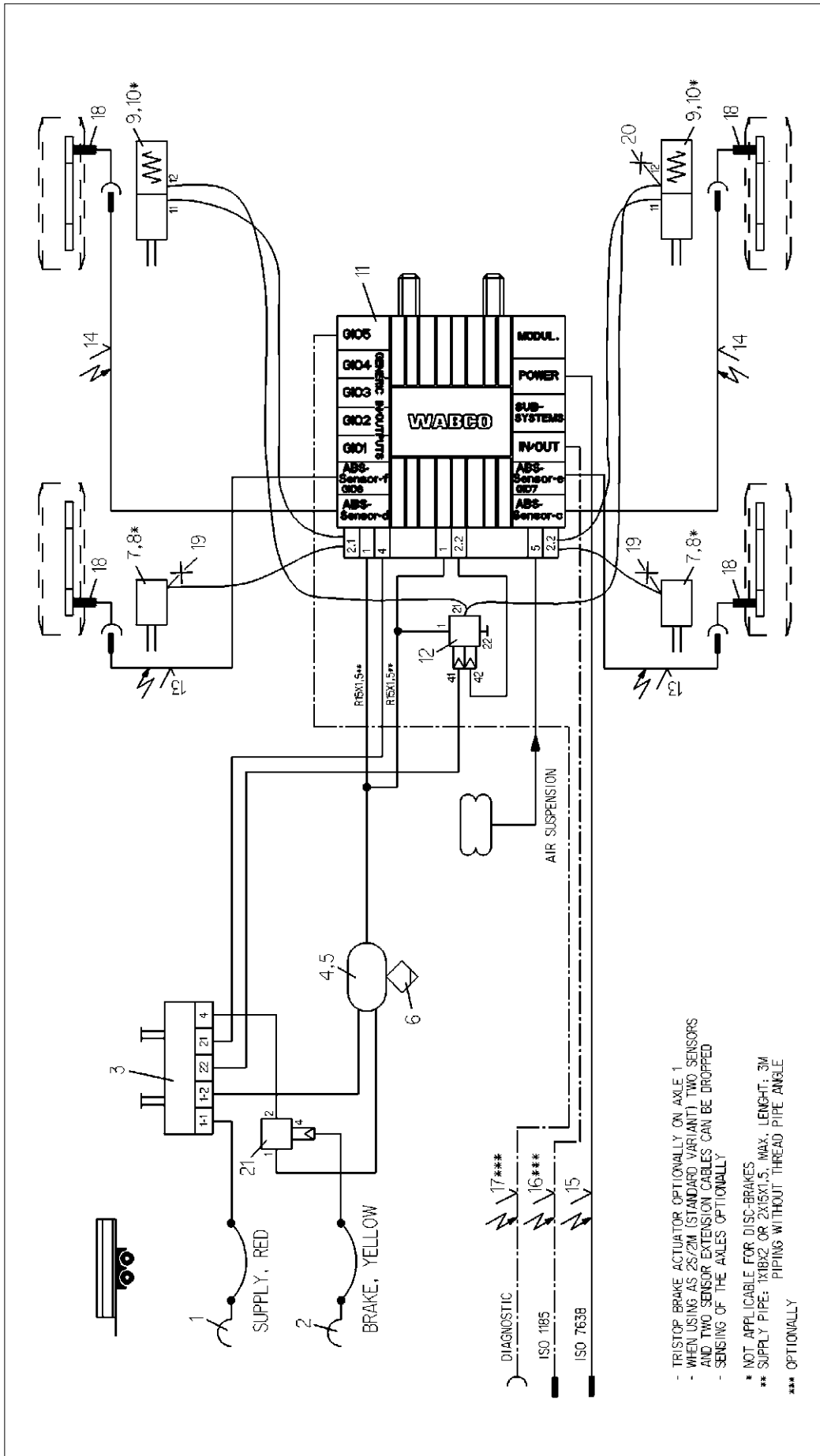
13	1	TEST CONNECTION	463 703 115 0	27	1	COUPLING HEAD AUTOM. BRAKE	952 200 222 0
12	2	KIT	423 903 532 2	26	1	COUPLING HEAD AUTOM. SUPPLY	952 200 221 0
11	2	TRISTOP BRAKE ACTUATOR	925 0	25	2	HOSE CLAMP	451 999 ... 2
10	2	KIT	423 000 ... 2	24	1	AIR RESERVOIR	973 009 002 0
9	2	BRAKE CHAMBER	423 10. ... 0	23	1	TRAILER CONTROL VALVE	973 011 201 0
8	1	CHECK VALVE	434 014 000 0	22	1	OVERLOAD-PROTECTION-RV	441 032 8... 0
7	1	TRAILER-MODULATOR W.EXTENSION MODUL	480 102 ... 0	21	4	ABS-SENSOR	449 611 ... 0
6	2	DRAIN VALVE	934 300 001 0	20	1	DIAGNOSTIC CABLE	449 349 ... 0
5	2	HOSE CLAMP	451 999 ... 2	19	1	24M-CABLE	449 273 ... 0
4	1	AIR RESERVOIR	950 0	18	1	SUPPLY (POWER) CABLE	449 723 ... 0
3	1	PARK-RELEASE-EMERGENCY VALVE (PREV)	971 002 9... 0	17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2	1	COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	16	2	EXTENSION CABLE FOR SENSOR	463 703 036 0
1	1	COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	15	1	TEST CONNECTION	463 703 120 0
Pos./Pos.	Denomination	Product Identification No.	Pos./Pos.	Denomination	Product Identification No.		

WABCO
 TRAILER - EBS E
 FOR 2-AXLES-CENTRAL-AXLE TRAILER
 4S/2M OR 2S/2M

WABCO No. 841 601 286 0
 Date of first issue: 2010-09-20
 Date of last issue: 2010-09-20

Rev. app. - - - - -
 Rev. reg. - - - - -
 Part. Reg. 4990

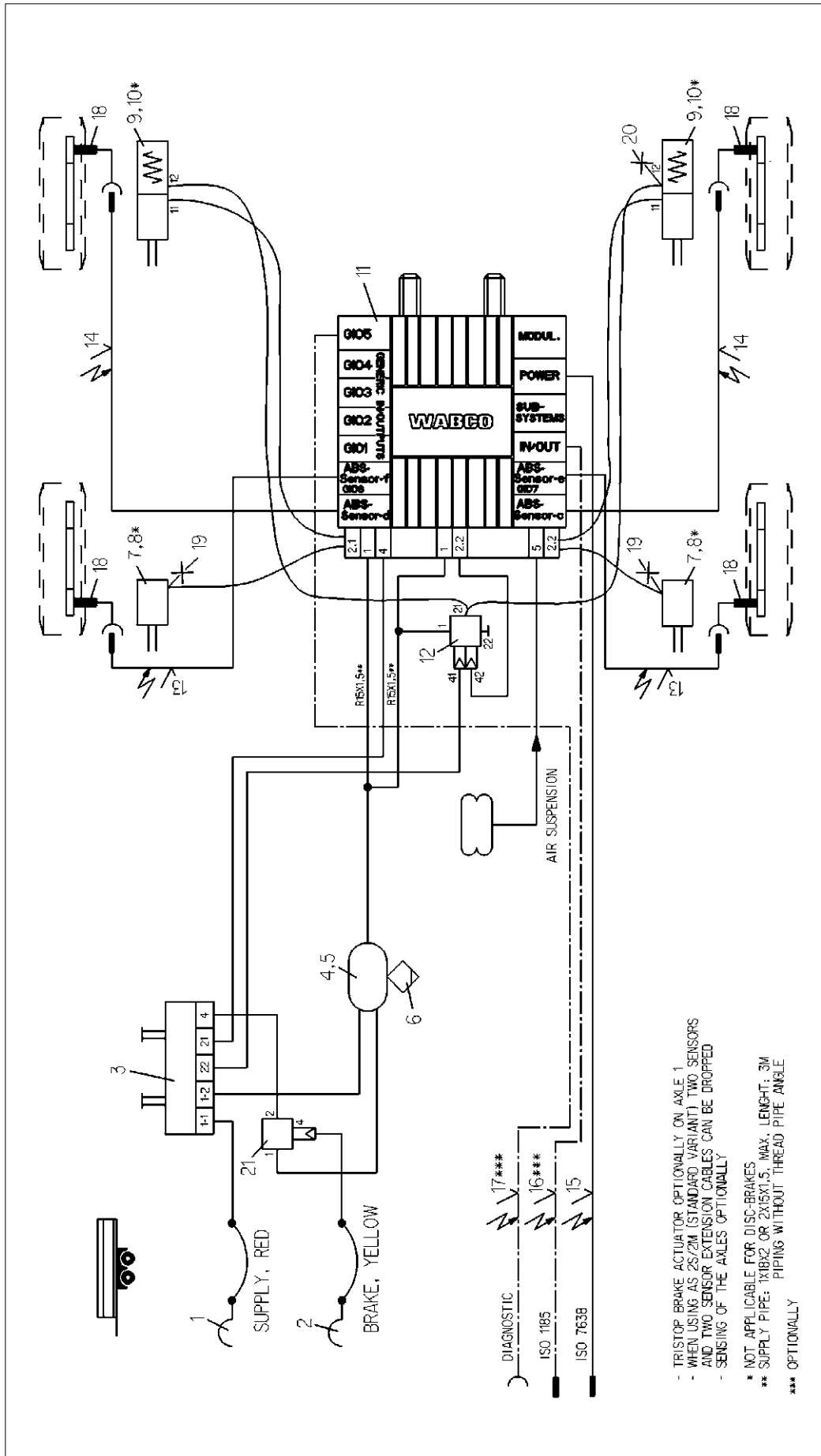
EN No. - - - - -
 Represent. int. 002 EN 1/1



Example WABCO®		Date		Status	
Part No.	Part Name	Year	Month	Version	Revision
973 011 001 0	OVERLOAD-PROTECTION-RV	2011-08-29	08	01	00
480 102 ... 0	TRAILER-MODULATOR	2011-08-29	08	01	00
423 903 532 2	KIT	2011-08-29	08	01	00
925 ... 0	TRISTOP BRAKE ACTUATOR	2011-08-29	08	01	00
423 ... 2	KIT	2011-08-29	08	01	00
934 300 001 0	BRAKE CHAMBER	2011-08-29	08	01	00
451 999 ... 2	DRAIN VALVE	2011-08-29	08	01	00
950 ... 0	HOSE CLAMP	2011-08-29	08	01	00
971 002 9... 0	AIR RESERVOIR	2011-08-29	08	01	00
952 201 ... 0	PARK-RELEASE-EMERGENCY VALVE (PREV)	2011-08-29	08	01	00
952 201 ... 0	COUPLING HEAD W.INT. LINE FILTER	2011-08-29	08	01	00
952 201 ... 0	COUPLING HEAD W.INT. LINE FILTER	2011-08-29	08	01	00

973 011 001 0	RELAY VALVE	973 011 001 0	RELAY VALVE
463 703 036 0	TEST CONNECTION	463 703 036 0	TEST CONNECTION
463 703 120 0	AFS-SENSOR	463 703 120 0	AFS-SENSOR
441 ... 0	DIAGNOSTIC CABLE	441 ... 0	DIAGNOSTIC CABLE
449 611 ... 0	24N-CABLE	449 611 ... 0	24N-CABLE
449 349 ... 0	SUPPLY (POWER) CABLE	449 349 ... 0	SUPPLY (POWER) CABLE
449 273 ... 0	EXTENSION CABLE FOR SENSOR	449 273 ... 0	EXTENSION CABLE FOR SENSOR
449 723 ... 0	EXTENSION CABLE FOR SENSOR	449 723 ... 0	EXTENSION CABLE FOR SENSOR

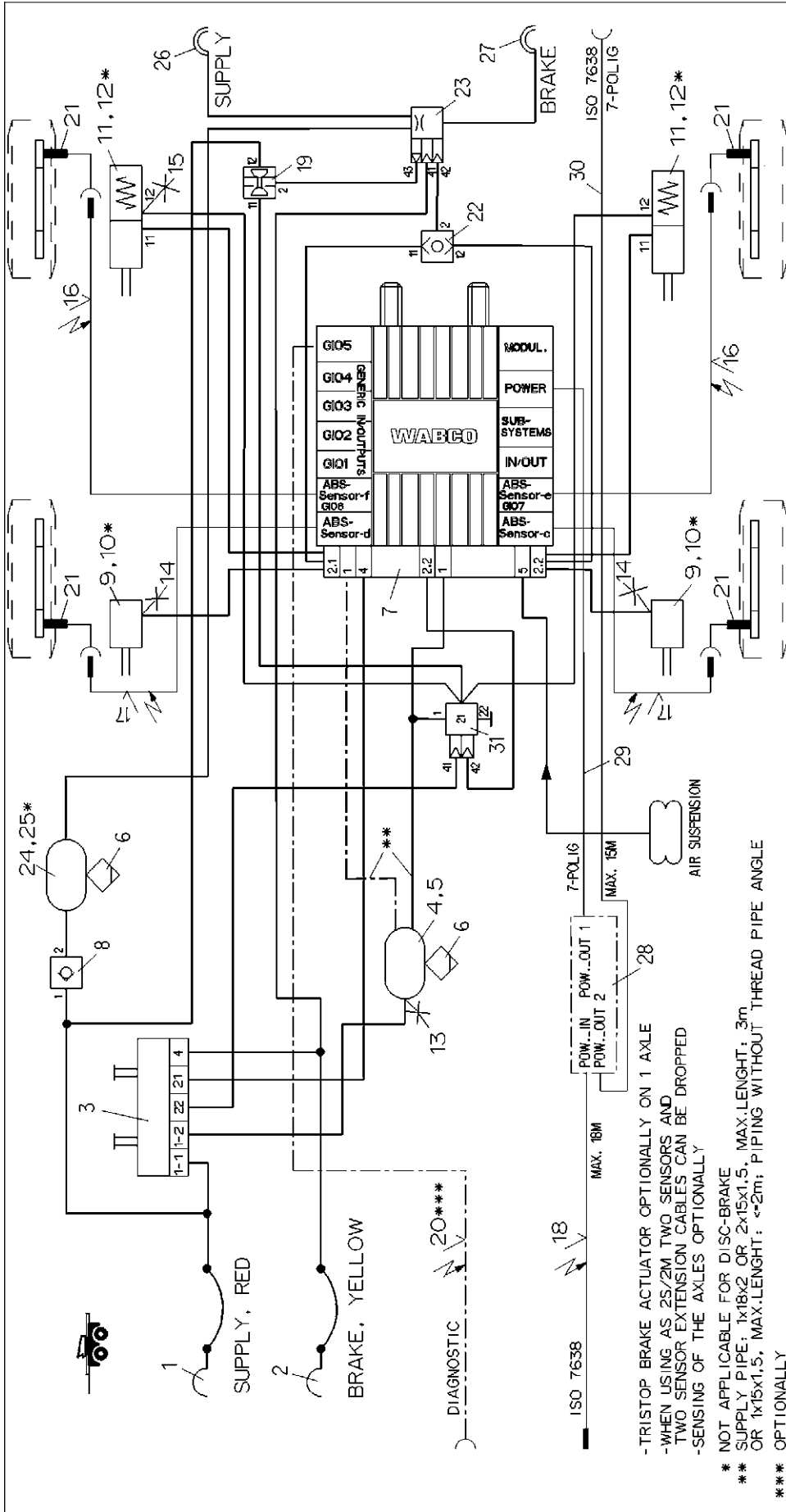
841 601 289 0	TRAILER - EBS E	841 601 289 0	TRAILER - EBS E
002	EN	002	EN
1/1	1/1	1/1	1/1



Example WABCO®		Date		Status	
Part No.	Part Name	Year	Month	Version	Revision
973 011 201 0	OVERLOAD-PROTECTION-RV	2011-08-29	08	01	0
480 102 ... 0	TRAILER-MODULATOR	2011-06-29	06	01	0
423 903 532 2	KIT	2011-06-29	06	01	0
925 ... 0	TRISTOP BRAKE ACTUATOR	2011-06-29	06	01	0
423 ... 2	KIT	2011-06-29	06	01	0
423 ... 0	BRAKE CHAMBER	2011-06-29	06	01	0
934 300 001 0	DRAIN VALVE	2011-06-29	06	01	0
451 999 ... 2	HOSE CLAMP	2011-06-29	06	01	0
950 ... 0	AIR RESERVOIR	2011-06-29	06	01	0
971 002 9... 0	PARK-RELEASE-EMERGENCY VALVE (PREV)	2011-06-29	06	01	0
952 201 ... 0	COUPLING HEAD W.INT. LINE FILTER	2011-06-29	06	01	0
952 201 ... 0	COUPLING HEAD W.INT. LINE FILTER	2011-06-29	06	01	0

973 011 0... 0	RELAY VALVE	973 011 0... 0
463 703 036 0	TEST CONNECTION	463 703 036 0
463 703 120 0	TEST CONNECTION	463 703 120 0
441 ... 0	AFS-SENSOR	441 ... 0
449 611 ... 0	DIAGNOSTIC CABLE	449 611 ... 0
449 349 ... 0	24H-CABLE	449 349 ... 0
449 273 ... 0	SUPPLY (POWER) CABLE	449 273 ... 0
449 723 ... 0	EXTENSION CABLE FOR SENSOR	449 723 ... 0
449 723 ... 0	EXTENSION CABLE FOR SENSOR	449 723 ... 0

841 601 289 0	Product Identification No.	841 601 289 0
Pro/E	Denomination	TRAILER - EBS E
A 3	Revision	002
EN	Language	EN
1/1	Page	1/1



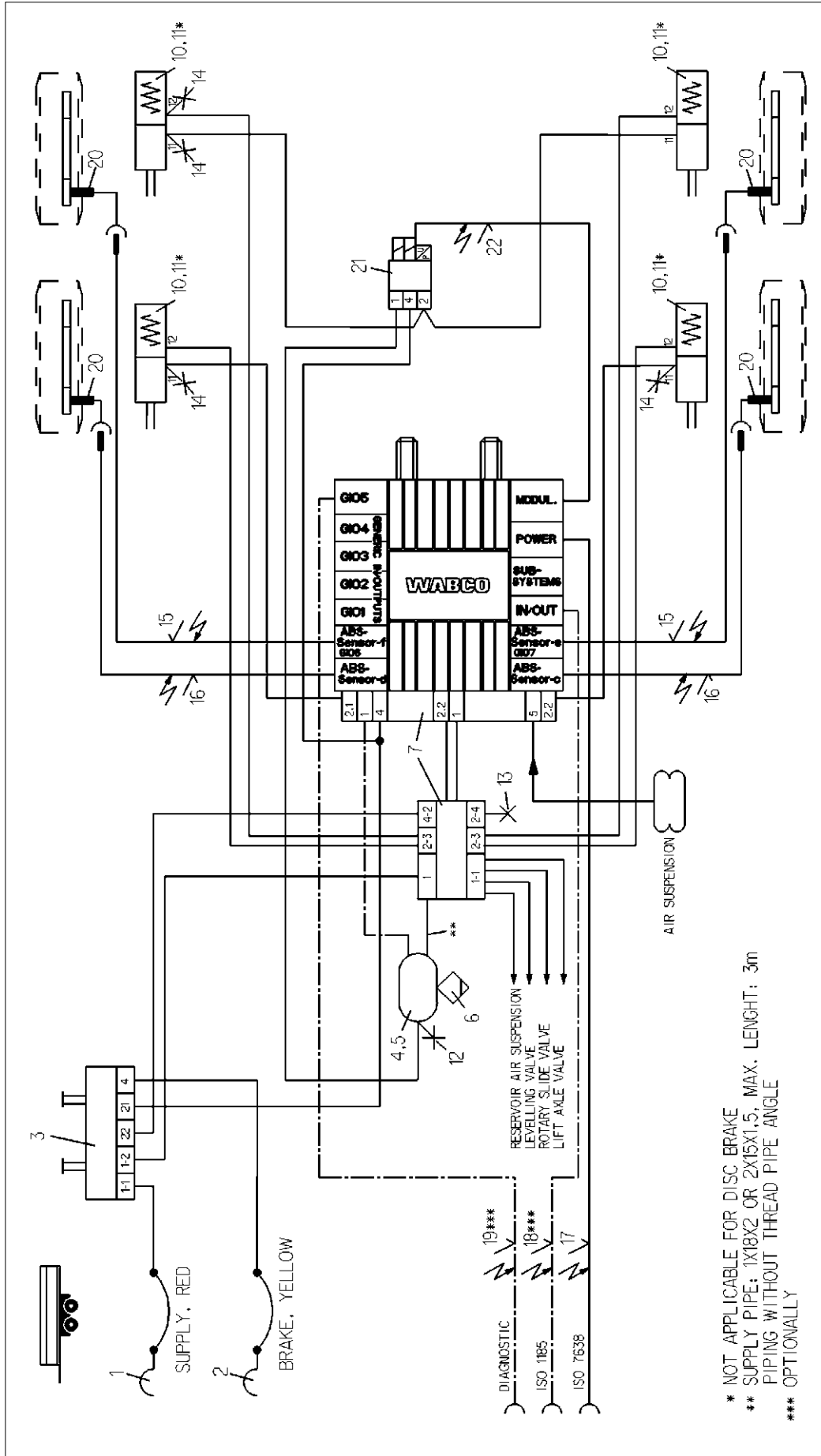
INDEX	DATE	DESCRIPTION OF CHANGE
A	2014-04-02	973 011 021 0 CHANGED INTO 973 011 201 0

WABCO	
TRAILER - EBS E	
WITH CAN-ROUTER	
4S/2M OR 2S/2M	
-DOLLY-	

Part No.	Qty	Part Name	Part No.	Qty	Part Name
973 011 201 0	1	OVERLOAD-PROTECTION-RV	973 011 201 0	1	OVERLOAD-PROTECTION-RV
449 135 ... 0	1	SUPPLY CABLE	449 135 ... 0	1	SUPPLY CABLE
449 347 ... 0	1	SUPPLY CABLE	449 347 ... 0	1	SUPPLY CABLE
446 122 060 0/082 0	1	CAN-ROUTER	446 122 060 0/082 0	1	CAN-ROUTER
952 200 222 0	1	COUPLING HEAD AUTOM. BRAKE	952 200 222 0	1	COUPLING HEAD AUTOM. BRAKE
952 200 221 0	1	COUPLING HEAD AUTOM. SUPPLY	952 200 221 0	1	COUPLING HEAD AUTOM. SUPPLY
451 999 ... 2	2	HOSE CLAMP	451 999 ... 2	2	HOSE CLAMP
950 ... 0 ... 0	2	AIR RESERVOIR	950 ... 0 ... 0	2	AIR RESERVOIR
973 ... 0 ... 0	1	TRAILER CONTROL VALVE	973 ... 0 ... 0	1	TRAILER CONTROL VALVE
434 208 ... 0	2	SELECT HIGH VALVE	434 208 ... 0	2	SELECT HIGH VALVE
441 032 8... 0	4	ABS-SENSOR	441 032 8... 0	4	ABS-SENSOR
449 611 ... 0	1	DIAGNOSTIC CABLE	449 611 ... 0	1	DIAGNOSTIC CABLE
434 500 003 0	1	DOUBLE CUT-OFF VALVE	434 500 003 0	1	DOUBLE CUT-OFF VALVE
950 ... 0 ... 0	1	SUPPLY (POWER) CABLE	950 ... 0 ... 0	1	SUPPLY (POWER) CABLE
971 002 9... 0	1	EXTENSION CABLE FOR SENSOR	971 002 9... 0	1	EXTENSION CABLE FOR SENSOR
952 201 ... 0	1	EXTENSION CABLE FOR SENSOR	952 201 ... 0	1	EXTENSION CABLE FOR SENSOR
952 201 ... 0	1	EXTENSION CABLE FOR SENSOR	952 201 ... 0	1	EXTENSION CABLE FOR SENSOR

Pos. Pcs.	Denomination	Product Identification No.	Pos. Pcs.	Denomination	Product Identification No.	
31	1	OVERLOAD-PROTECTION-RV	973 011 201 0	31	1	OVERLOAD-PROTECTION-RV
30	1	SUPPLY CABLE	449 135 ... 0	30	1	SUPPLY CABLE
29	1	SUPPLY CABLE	449 347 ... 0	29	1	SUPPLY CABLE
28	1	CAN-ROUTER	446 122 060 0/082 0	28	1	CAN-ROUTER
27	1	COUPLING HEAD AUTOM. BRAKE	952 200 222 0	27	1	COUPLING HEAD AUTOM. BRAKE
26	1	COUPLING HEAD AUTOM. SUPPLY	952 200 221 0	26	1	COUPLING HEAD AUTOM. SUPPLY
25	2	HOSE CLAMP	451 999 ... 2	25	2	HOSE CLAMP
24	1	AIR RESERVOIR	950 ... 0 ... 0	24	1	AIR RESERVOIR
23	1	TRAILER CONTROL VALVE	973 ... 0 ... 0	23	1	TRAILER CONTROL VALVE
22	1	SELECT HIGH VALVE	434 208 ... 0	22	1	SELECT HIGH VALVE
21	4	ABS-SENSOR	441 032 8... 0	21	4	ABS-SENSOR
20	1	DIAGNOSTIC CABLE	449 611 ... 0	20	1	DIAGNOSTIC CABLE
19	1	DOUBLE CUT-OFF VALVE	434 500 003 0	19	1	DOUBLE CUT-OFF VALVE
18	1	SUPPLY (POWER) CABLE	950 ... 0 ... 0	18	1	SUPPLY (POWER) CABLE
17	2	EXTENSION CABLE FOR SENSOR	971 002 9... 0	17	2	EXTENSION CABLE FOR SENSOR
16	2	EXTENSION CABLE FOR SENSOR	952 201 ... 0	16	2	EXTENSION CABLE FOR SENSOR

Pos. Pcs.	Denomination	Product Identification No.	Pos. Pcs.	Denomination	Product Identification No.
A 3	Pro/E	841 601 320 0	A 3	Pro/E	841 601 320 0
002	EN	1/1	002	EN	1/1
4990	Exp. Res.	4990	4990	Exp. Res.	4990



* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE: 1X18X2 OR 2X15X1.5, MAX. LENGTH: 3m
 PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY

Part No.		Qty	Description	Part No.	Qty	Description
12	1	1	TEST CONNECTION	463 703 ... 0		
11	4	4	KIT	* 423 903 532 2		
10	4	4	TRISTOP BRAKE ACTUATOR	925 ... 0	22	1 CABLE TO EBS-RV
9					21	1 EBS-RELAY VALVE
8					20	4 ABS-SENSOR
7	1	1	TRAILER-MODULATOR W. EXTENSION MODUL	480 102 ... 0	19	1 DIAGNOSTIC CABLE
6	1	1	DRAIN VALVE	934 300 001 0	18	1 24N-CABLE
5	2	2	HOSE CLAMP	451 999 ... 2	17	1 SUPPLY (POWER) CABLE
4	1	1	AIR RESERVOIR	950 ... 0	16	2 EXTENSION CABLE FOR SENSOR
3	1	1	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	15	2 EXTENSION CABLE FOR SENSOR
2	1	1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	14	1 TEST CONNECTION
1	1	1	COUPLING HEAD W. INT.LINE FILTER	952 201 ... 0	13	3 TEST CONNECTION

Product Identification No.	Pos. Pos.	Denomination
463 703 ... 0	13	TEST CONNECTION
449 429 ... 0	22	CABLE TO EBS-RV
480 207 0... 0	21	EBS-RELAY VALVE
441 032 B... 0	20	ABS-SENSOR
449 611 ... 0	19	DIAGNOSTIC CABLE
449 349 ... 0	18	24N-CABLE
449 173 ... 0	17	SUPPLY (POWER) CABLE
449 723 ... 0	16	EXTENSION CABLE FOR SENSOR
449 723 ... 0	15	EXTENSION CABLE FOR SENSOR
463 703 036 0	14	TEST CONNECTION
463 703 120 0	13	TEST CONNECTION

Part No.	Qty	Description
463 703 ... 0	1	TEST CONNECTION
449 429 ... 0	1	CABLE TO EBS-RV
480 207 0... 0	1	EBS-RELAY VALVE
441 032 B... 0	1	ABS-SENSOR
449 611 ... 0	1	DIAGNOSTIC CABLE
449 349 ... 0	1	24N-CABLE
449 173 ... 0	1	SUPPLY (POWER) CABLE
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
463 703 036 0	1	TEST CONNECTION
463 703 120 0	1	TEST CONNECTION

Part No.	Qty	Description
463 703 ... 0	1	TEST CONNECTION
449 429 ... 0	1	CABLE TO EBS-RV
480 207 0... 0	1	EBS-RELAY VALVE
441 032 B... 0	1	ABS-SENSOR
449 611 ... 0	1	DIAGNOSTIC CABLE
449 349 ... 0	1	24N-CABLE
449 173 ... 0	1	SUPPLY (POWER) CABLE
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
463 703 036 0	1	TEST CONNECTION
463 703 120 0	1	TEST CONNECTION

Part No.	Qty	Description
463 703 ... 0	1	TEST CONNECTION
449 429 ... 0	1	CABLE TO EBS-RV
480 207 0... 0	1	EBS-RELAY VALVE
441 032 B... 0	1	ABS-SENSOR
449 611 ... 0	1	DIAGNOSTIC CABLE
449 349 ... 0	1	24N-CABLE
449 173 ... 0	1	SUPPLY (POWER) CABLE
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
463 703 036 0	1	TEST CONNECTION
463 703 120 0	1	TEST CONNECTION

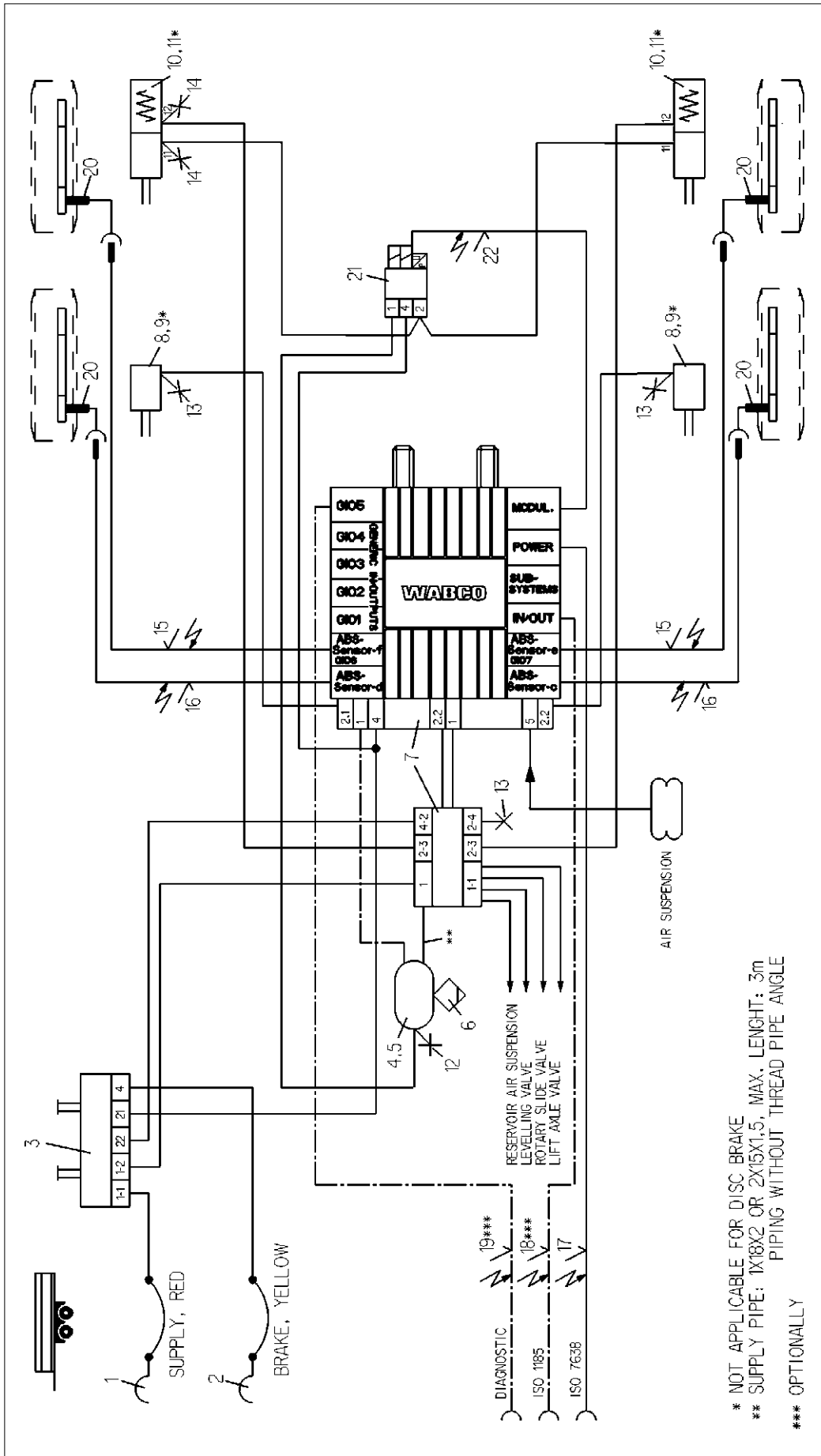
Part No.	Qty	Description
463 703 ... 0	1	TEST CONNECTION
449 429 ... 0	1	CABLE TO EBS-RV
480 207 0... 0	1	EBS-RELAY VALVE
441 032 B... 0	1	ABS-SENSOR
449 611 ... 0	1	DIAGNOSTIC CABLE
449 349 ... 0	1	24N-CABLE
449 173 ... 0	1	SUPPLY (POWER) CABLE
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
463 703 036 0	1	TEST CONNECTION
463 703 120 0	1	TEST CONNECTION

Part No.	Qty	Description
463 703 ... 0	1	TEST CONNECTION
449 429 ... 0	1	CABLE TO EBS-RV
480 207 0... 0	1	EBS-RELAY VALVE
441 032 B... 0	1	ABS-SENSOR
449 611 ... 0	1	DIAGNOSTIC CABLE
449 349 ... 0	1	24N-CABLE
449 173 ... 0	1	SUPPLY (POWER) CABLE
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
463 703 036 0	1	TEST CONNECTION
463 703 120 0	1	TEST CONNECTION

Part No.	Qty	Description
463 703 ... 0	1	TEST CONNECTION
449 429 ... 0	1	CABLE TO EBS-RV
480 207 0... 0	1	EBS-RELAY VALVE
441 032 B... 0	1	ABS-SENSOR
449 611 ... 0	1	DIAGNOSTIC CABLE
449 349 ... 0	1	24N-CABLE
449 173 ... 0	1	SUPPLY (POWER) CABLE
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
463 703 036 0	1	TEST CONNECTION
463 703 120 0	1	TEST CONNECTION

Part No.	Qty	Description
463 703 ... 0	1	TEST CONNECTION
449 429 ... 0	1	CABLE TO EBS-RV
480 207 0... 0	1	EBS-RELAY VALVE
441 032 B... 0	1	ABS-SENSOR
449 611 ... 0	1	DIAGNOSTIC CABLE
449 349 ... 0	1	24N-CABLE
449 173 ... 0	1	SUPPLY (POWER) CABLE
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
463 703 036 0	1	TEST CONNECTION
463 703 120 0	1	TEST CONNECTION

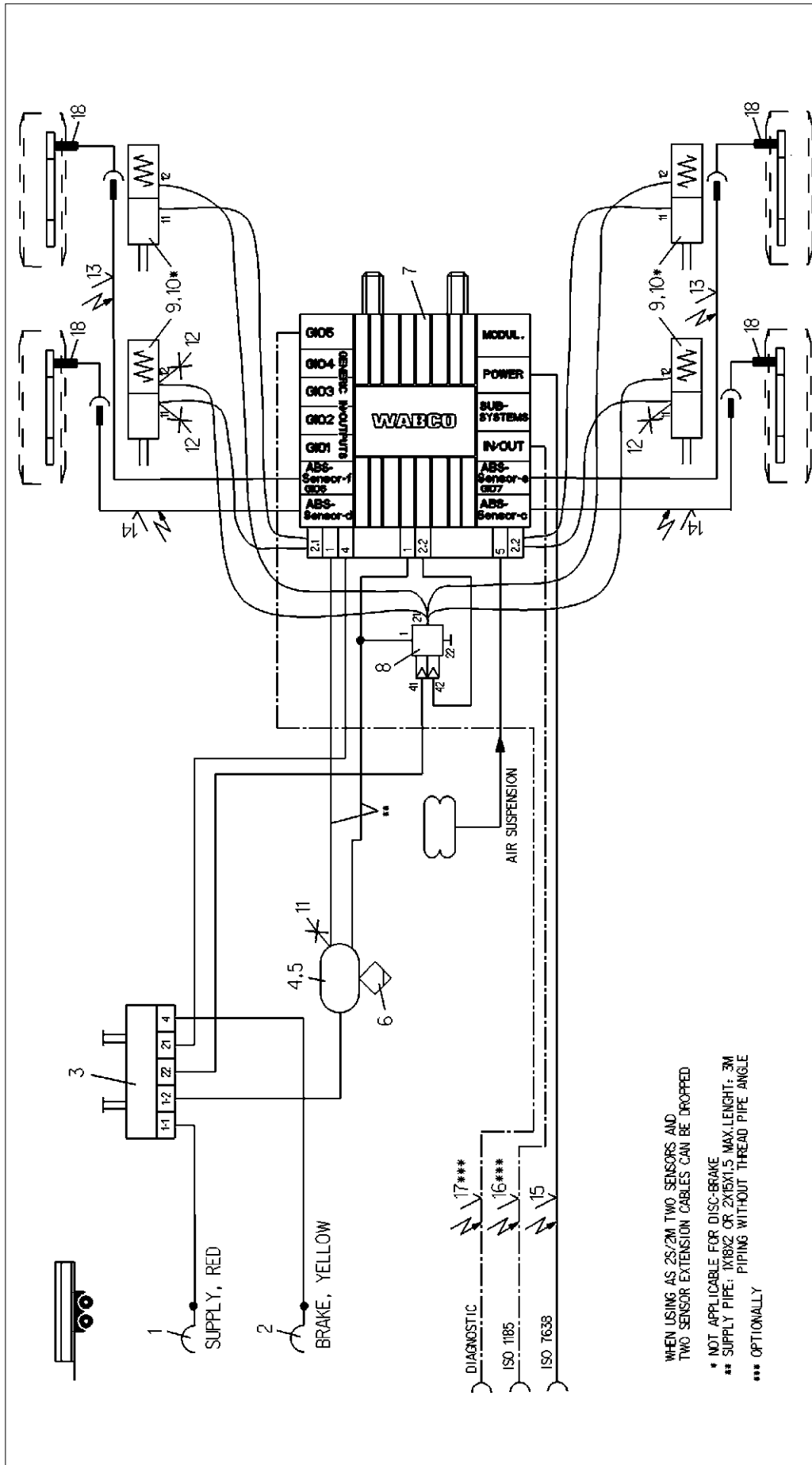
Part No.	Qty	Description
463 703 ... 0	1	TEST CONNECTION
449 429 ... 0	1	CABLE TO EBS-RV
480 207 0... 0	1	EBS-RELAY VALVE
441 032 B... 0	1	ABS-SENSOR
449 611 ... 0	1	DIAGNOSTIC CABLE
449 349 ... 0	1	24N-CABLE
449 173 ... 0	1	SUPPLY (POWER) CABLE
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
449 723 ... 0	1	EXTENSION CABLE FOR SENSOR
463 703 036 0	1	TEST CONNECTION
463 703 120 0	1	TEST CONNECTION



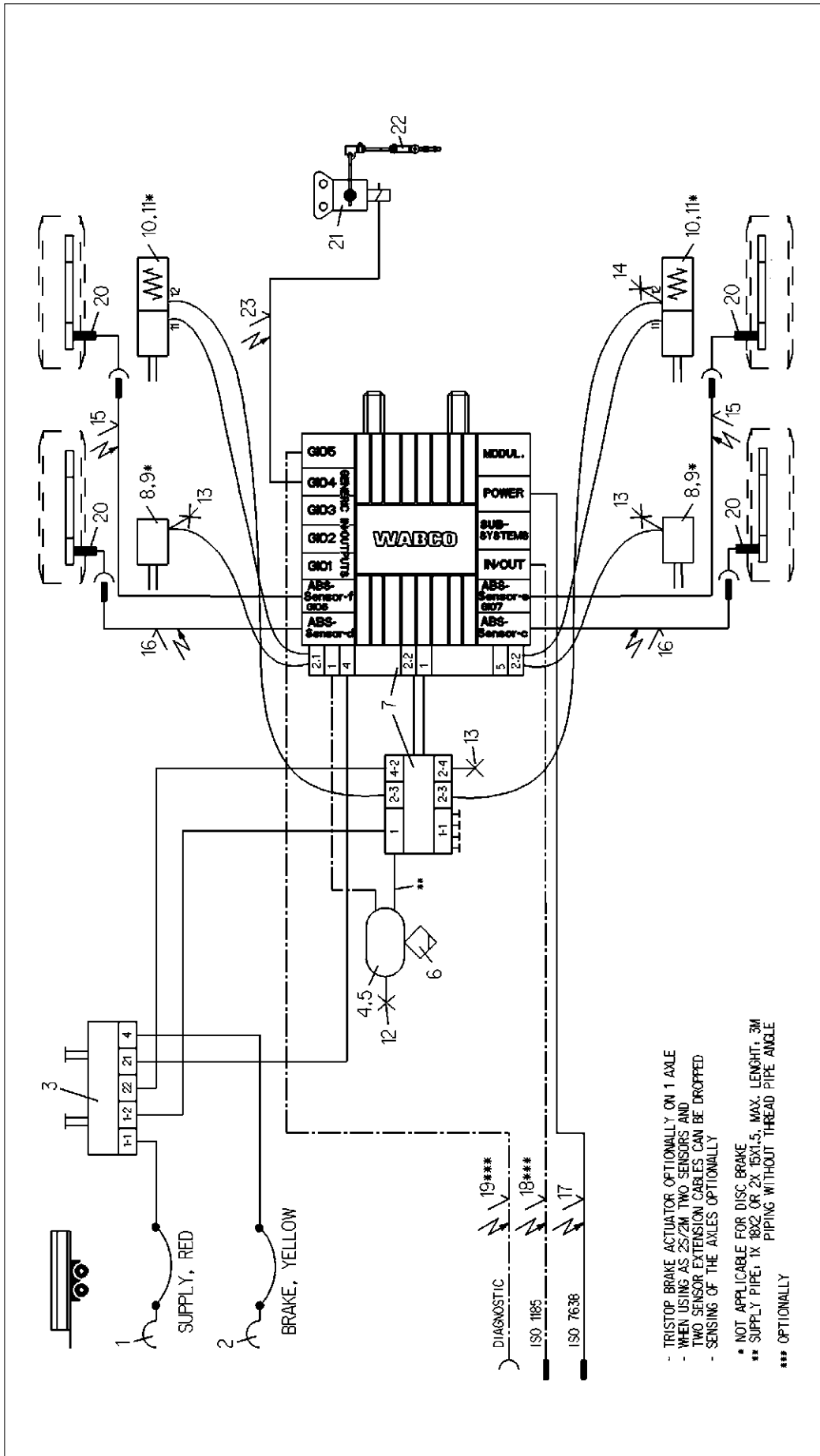
* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE: 1X18X2 OR 2X15X1,5, MAX. LENGTH: 3m
 PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONALLY

Copyright WABCO®		Title		Symptoms	
Item	Drawn	Year	Item	Year	Item
10	2	2010-06-07	BURMESTER	2010-06-07	BURMESTER
9	2	2010-06-07	CHRONIS	2010-06-07	CHRONIS
8	2	2010-06-07	BURMESTER	2010-06-07	BURMESTER
7	1	2010-06-07	BURMESTER	2010-06-07	BURMESTER
6	1	2010-06-07	BURMESTER	2010-06-07	BURMESTER
5	2	2010-06-07	BURMESTER	2010-06-07	BURMESTER
4	1	2010-06-07	BURMESTER	2010-06-07	BURMESTER
3	1	2010-06-07	BURMESTER	2010-06-07	BURMESTER
2	1	2010-06-07	BURMESTER	2010-06-07	BURMESTER
1	1	2010-06-07	BURMESTER	2010-06-07	BURMESTER

Part No.		841 601 323 0		Part No.		4990	
Description		TRAILER - EBS E		Description		TRAILER - EBS E	
Part No.		841 601 323 0		Part No.		4990	
Description		TRAILER - EBS E		Description		TRAILER - EBS E	
Part No.		841 601 323 0		Part No.		4990	
Description		TRAILER - EBS E		Description		TRAILER - EBS E	



Copyright WABCO®		Signature	
Date	Drawn	Checked	Expert
2013-10-28	BURMESTER		
2013-10-28	SCHMIDT		
WABCO		BURMESTER	
TRAILER - EBS E		Scale	
FOR 2-AXLES-CENTRALAXLE TRAILER 4S/2M OR 2S/2M		kg	
Date of first issue: 2013-10-28		CAD System	
Doc.Code Language		Site	
002 EN		1/1	
841 601 326 0		Tech. Resp.	
ECH-No.		Revision	
4990		Replacement for	
A 3 Pro/E		Product Identification No.	
Denomination		Pos. Pos.	
Denomination		Denomination	

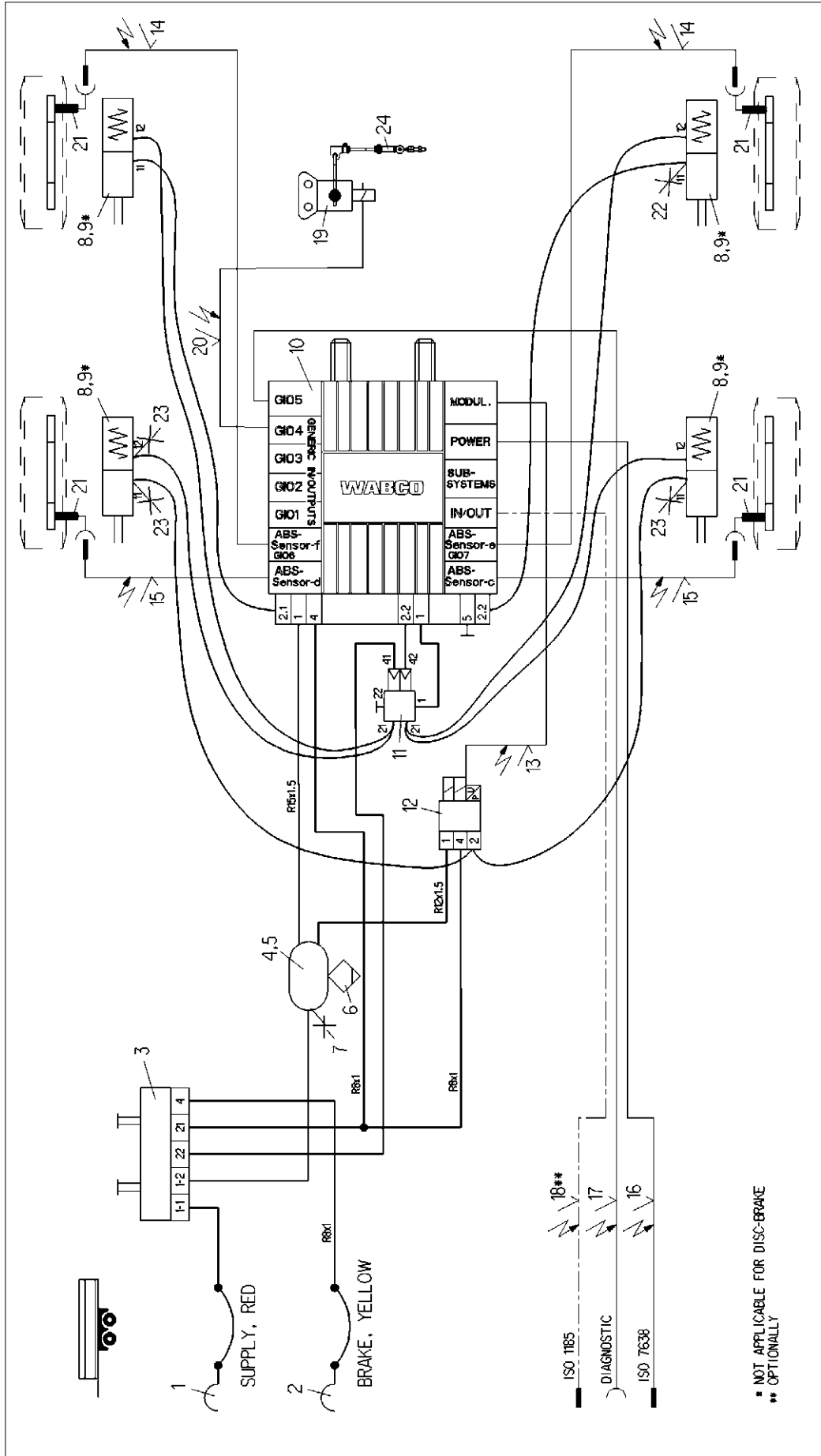


- TRISTOP BRAKE ACTUATOR OPTIONAL ON 1 AXLE
 - WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
 - SENSING OF THE AXLES OPTIONAL

* NOT APPLICABLE FOR DISC BRAKE
 ** SUPPLY PIPE 1X 18X2 OR 2X 15X1,5, MAX. LENGTH: 3M
 PIPING WITHOUT THREAD PIPE ANGLE
 *** OPTIONAL

Copyright WABCO®		Date	Signature
WABCO		2014-02-10	BURMESTER
TRAILER - EBS E			
FOR 2-AXLES-CENTRAL-AXLE TRAILER			
4S/2M OR 2S/2M -PEM-			
Material No.		841 601 327 0	
Date of first issue: 2014-02-10		002 EN 1/1	
Doc.Code Language		002 EN 1/1	
Doc.No.		841 601 327 0	
Revision		-	
Tech. Resp.		-	
Ech.No.		-	
Pro/E		A 3	
Product Identification No.		4990	

No. Pcs.	Denomination	Product Identification No.	Pcs. Pcs.	Denomination
12 1	TEST CONNECTION	463 703 115 0		
11 2	KIT	423 903 532 2	23 1	G10-CABLE DISTANCE SENSOR
10 2	TRISTOP BRAKE ACTUATOR	925 0	22 1	LINKAGE
9 2	KIT	423 000 ... 2	21 1	DISTANCE SENSOR
8 2	BRAKE CHAMBER	423 10 ... 0	20 4	ABS-SENSOR
7 1	TRAILER MODULATOR W.EXTENSION MIDDLE	480 102 ... 0	19 1	DIAGNOSTIC CABLE
6 1	DRAIN VALVE	934 300 001 0	18 1	24N-CABLE
5 2	HOSE CLAMP	451 999 ... 2	17 1	SUPPLY (POWER) CABLE
4 1	AIR RESERVOIR	950 0	16 2	EXTENSION CABLE FOR SENSOR
3 1	PARK-RELEASE-EMERGENCY VALVE (PREV)	971 002 9... 0	15 2	EXTENSION CABLE FOR SENSOR
2 1	COUPLING HEAD W.INT.-LINE FILTER	952 201 ... 0	14 1	TEST CONNECTION
1 1	COUPLING HEAD W.INT.-LINE FILTER	952 201 ... 0	13 3	TEST CONNECTION
	Denomination	Product Identification No.	Pcs. Pcs.	Denomination



* NOT APPLICABLE FOR DISC-BRAKE
 ** OPTIONALLY

Fig. Pos.	Denomination	Product Identification No.	Pos. Pos.	Denomination	Product Identification No.		
12	1	EBS-RELAY VALVE	480 207 0... 0	24	1	LINKAGE	433 401 0033 0
11	1	OVERLOAD-PROTECTION-RV	973 011 201 0	23	3	TEST CONNECTION	463 703 036 0
10	1	TRAILER-MODULATOR	480 102 ... 0	22	1	TEST CONNECTION	463 703 120 0
9	4	KIT	423 903 532 2	21	4	ABS-SENSOR	441 0
8	4	TRISTOP BRAKE ACTUATOR	925 0	20	1	GIO-CABLE-DISTANCE SENSOR	449 811 ... 0
7	1	TEST CONNECTION	463 703 ... 0	19	1	DISTANCE SENSOR	441 050 100 0
6	1	DRAIN VALVE	934 300 001 0	18	1	24N-CABLE	449 349 ... 0
5	2	HOSE CLAMP	451 999 ... 2	17	1	DIAGNOSTIC CABLE	449 611 ... 0
4	1	AIR RESERVOIR	950 0	16	1	SUPPLY (POWER) CABLE	449 273 ... 0
3	1	PARK-RELEASE-EMERGENCY VALVE (PREV)	971 002 9... 0	15	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2	1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	14	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
1	1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	13	1	CABLE TO EBS-RV	449 429 ... 0

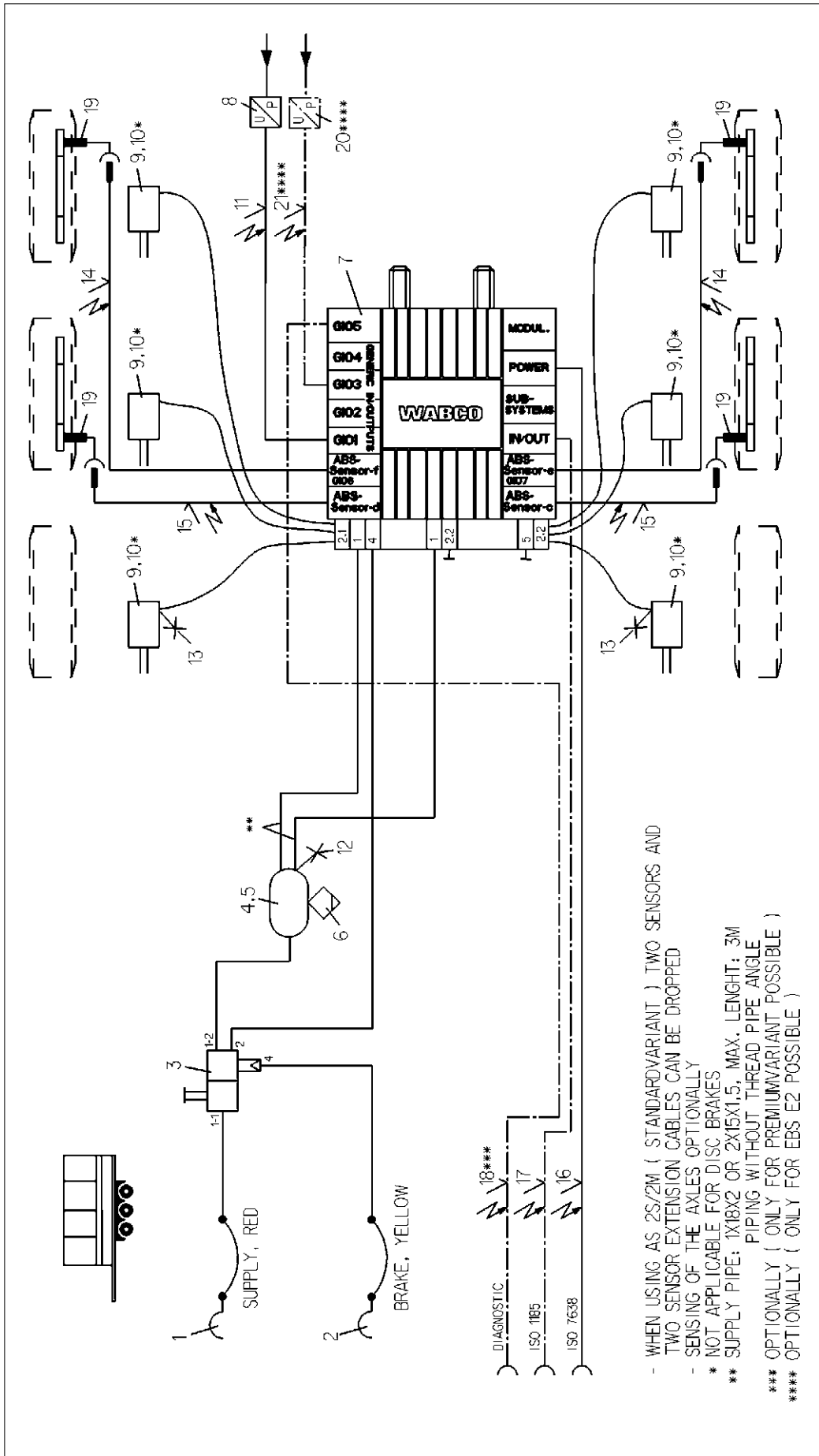
WABCO
 TRAILER - EBS E
 FOR 2-AXLES-CENTRAL-AXLE TRAILER
 4S/3M WITH RSS, VB-AGGREGATE
 MECH. SUSPENSION

2015-03-30 | BURMESTER
 2015-03-30 | SCHMIDT

Page: 1 of 1
 Date of first issue: 2015-02-30

841 601 328 0
 EN 1/1

Part No. 4990
 Revision -

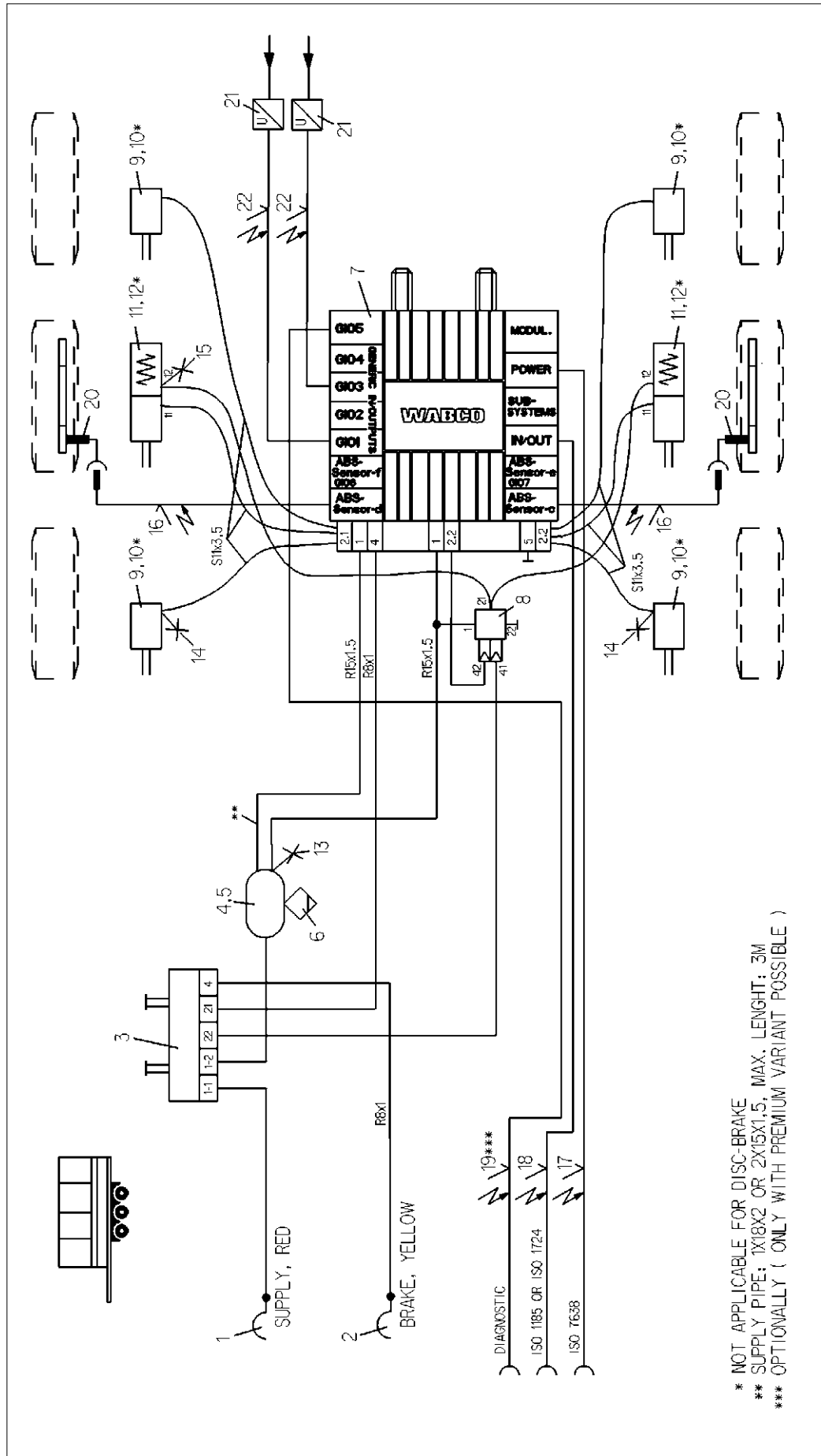


- WHEN USING AS 2S/2M (STANDARDVARIANT) TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED
- SENSING OF THE AXLES OPTIONALLY
- * NOT APPLICABLE FOR DISC BRAKES
- ** SUPPLY PIPE: 1X18X2 OR 2X15X1,5, MAX. LENGTH: 3M PIPING WITHOUT THREAD PIPE ANGLE
- *** OPTIONALLY (ONLY FOR PREMIUMVARIANT POSSIBLE)
- **** OPTIONALLY (ONLY FOR EBS E2 POSSIBLE)

Pos. Pos.	Denomination	Product Identification No.	Pos. Pos.	Denomination	Product Identification No.
12 1	TEST CONNECTION	463 703 115 0			
11 1	CABLE PRESSURE SENSOR	449 812 ... 0			
10 6	KIT	423 000 ... 2			
9 6	BRAKE CHAMBER	423 10 ... 0	21 1	CABLE PRESSURE SENSOR	449 812 ... 0
8 1	PRESS. SENSOR HYDRAULIC OIL	NOT WABCO	20 1	PRESS. SENSOR HYDRAULIC OIL	441 032 8... 0
7 1	TRAILER-MODULATOR	934 300 001 0	19 4	ABS-SENSOR	449 611 ... 0
6 1	DRAIN VALVE	451 999 ... 2	18 1	DIAGNOSTIC CABLE	449 173 ... 0
5 2	HOSE CLAMP	950 ... 0	17 1	24M-CABLE	449 349 ... 0
4 1	AIR RESERVOIR	971 002 703 0	16 1	SUPPLY (POWER) CABLE	449 723 ... 0
3 1	TRAILER-BRAKE VALVE W. RELEASE VALVE	952 201 ... 0	15 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2 1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	14 2	EXTENSION CABLE FOR SENSOR	463 703 120 0
1 1	COUPLING HEAD W. INT. LINE FILTER		13 2	TEST CONNECTION	

WABCO
 TRAILER - EBS E
 FOR 3-AXLE-CENTRE AXLE TRAILERS
 4S/2M OR 2S/2M
 (MULTIVOLTAGE MODULATOR)
 Material No. 841 601 302 0
 Date of the issue: 2010-09-27

Core	2010-09-27	BURMESTER
Subtype	2010-09-27	CHRONIS
Version		BURMESTER
EC No.	A 3	Pro/E
Rev. No.	123867	A
Facn. Resp.	4990	

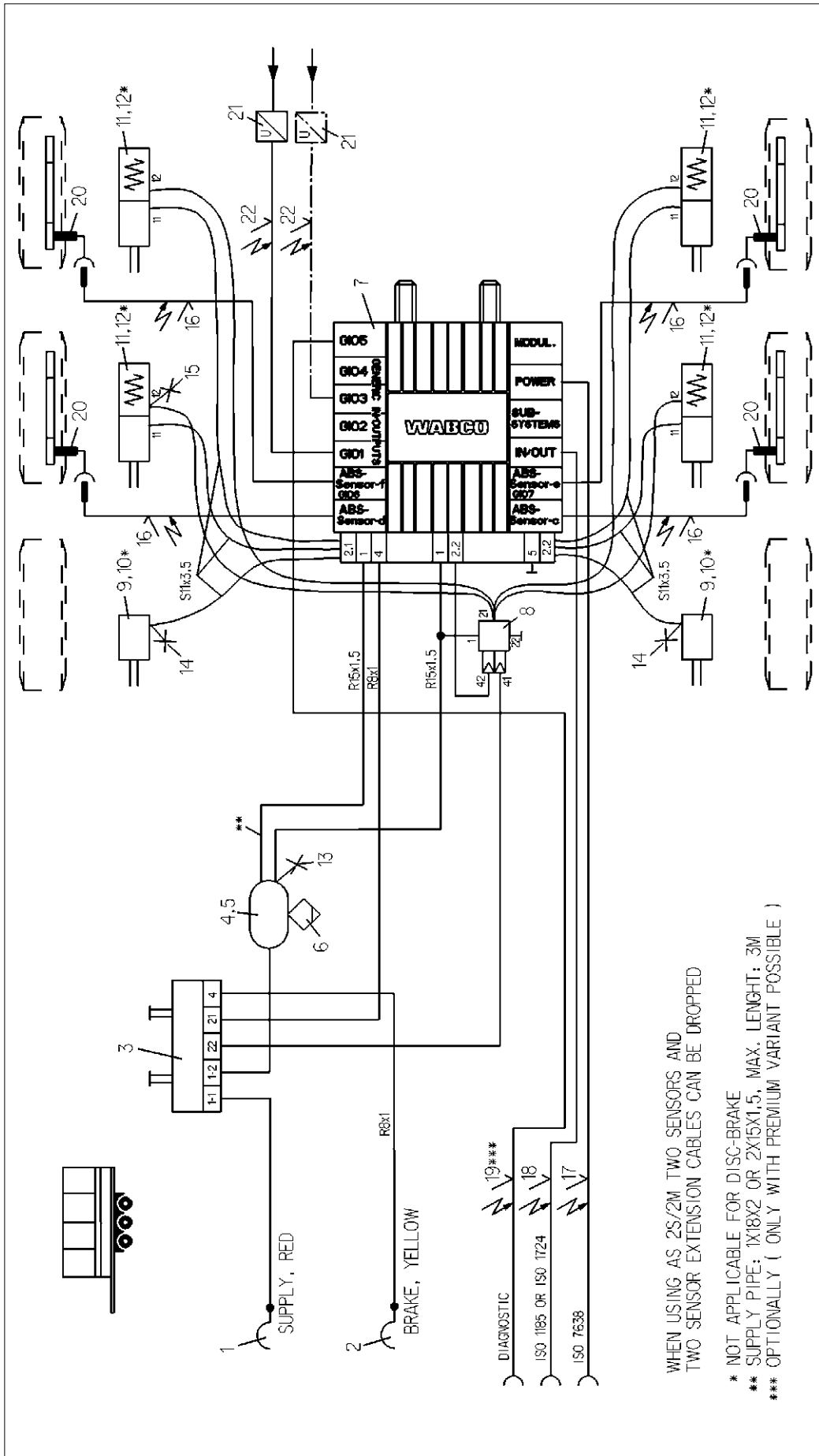


* NOT APPLICABLE FOR DISC-BRAKE
 ** SUPPLY PIPE: 1X18X2 OR 2X15X1.5, MAX. LENGTH: 3M
 *** OPTIONALLY (ONLY WITH PREMIUM VARIANT POSSIBLE)

2-axle trailer		3-axle trailer	
Job	Part No.	Job	Part No.
2011-09-27	BURMESTER	2011-09-27	BURMESTER
2011-09-27	RIEDEL-KUAS	2011-09-27	RIEDEL-KUAS
BURMESTER			
Material No.			
841 601 303 0			
E.C. No.			
4990			
Technical Description			
HWR 00455			

WABCO	
TRAILER - EBS E	
FOR 3-AXLES-CENTRE AXLE-TRAILERS	
AGRICULT. TRAILER W. HYDR. SUSPENSION	
PREV. ABS-2S/2M AND OVERLOAD PROTECTION RV	
(MULTIVOLTAGE)	
Material No.	
841 601 303 0	
E.C. No.	
4990	
Technical Description	
HWR 00455	

Pos. Pos.	Denomination	Product Identification No.	Pos. Pos.	Denomination
12	2 KIT	423 903 532 2		
11	2 TRISTOP BRAKE ACTUATOR	925 ... 0		
10	4 KIT	423 000 ... 2	22	2 CABLE PRESSURE SENSOR
9	4 BRAKE CHAMBER	423 10 ... 0	21	2 PRESS. SENSOR HYDRAULIC OIL
8	1 OVERLOAD-PROTECTION RV	973 011 201 0	20	2 ABS-SENSOR
7	1 TRAILER-MODULATOR	480 102 ... 0	19	1 DIAGNOSTIC CABLE
6	1 DRAIN VALVE	934 300 001 0	18	1 24N-CABLE
5	2 HOSE CLAMP	451 999 ... 2	17	1 SUPPLY (POWER) CABLE
4	1 AIR RESERVOIR	950 ... 0	16	2 EXTENSION CABLE
3	1 PARK-RELEASE-EMERG.VALVE (PREV)	971 002 9... 0	15	1 TEST CONNECTION
2	1 COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	14	2 TEST CONNECTION
1	1 COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	13	1 TEST CONNECTION



WHEN USING AS 2S/2M TWO SENSORS AND TWO SENSOR EXTENSION CABLES CAN BE DROPPED

* NOT APPLICABLE FOR DISC-BRAKE

** SUPPLY PIPE: 1X18X2 OR 2X15X1,5, MAX. LENGTH: 3M

*** OPTIONALLY (ONLY WITH PREMIUM VARIANT POSSIBLE)

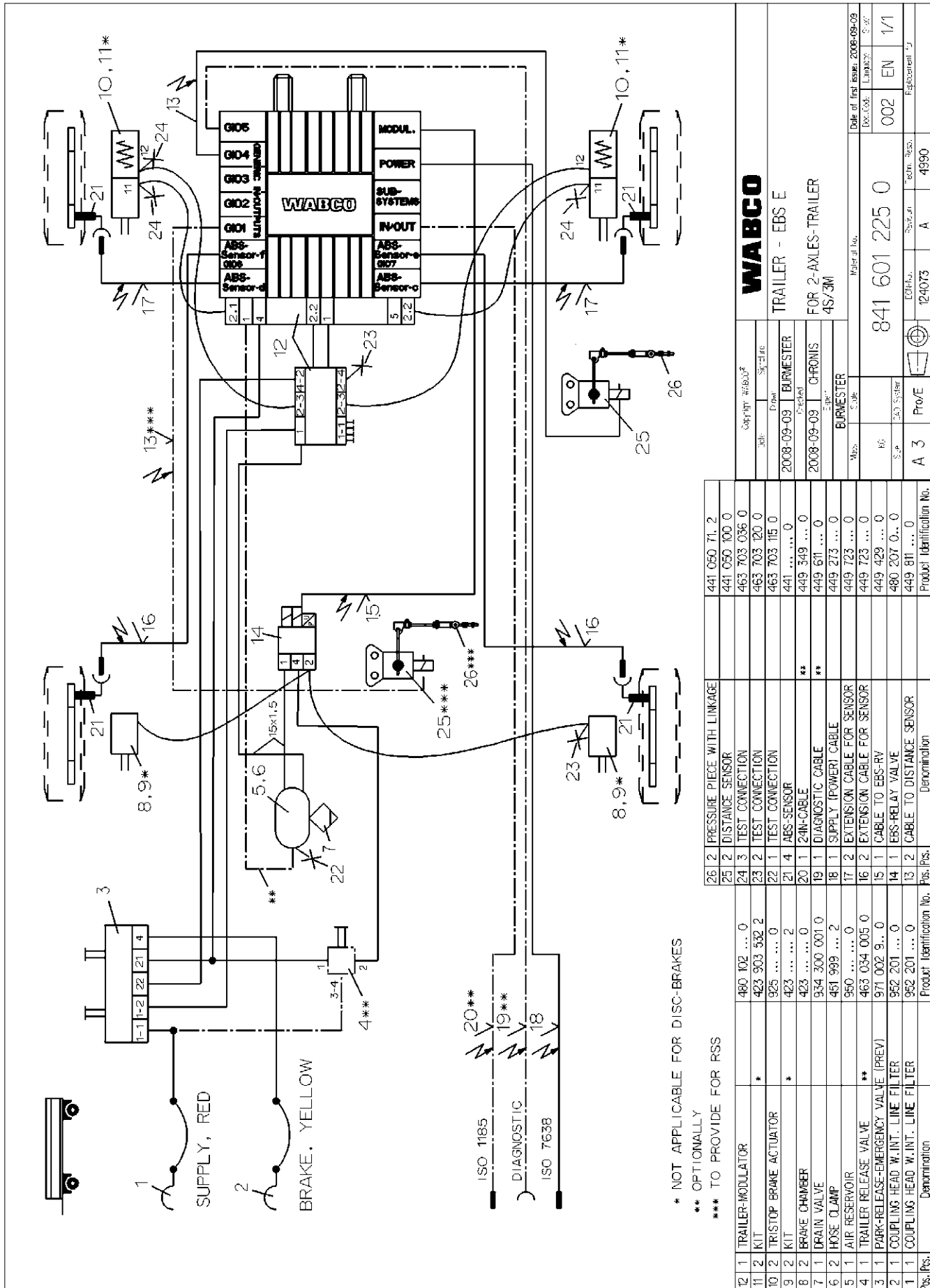
Pos. Pos.	Denomination	Product Identification No.	Pos. Pos.	Denomination	Product Identification No.
12 4	KIT	423 903 532 2			
11 4	TRISTOP BRAKE ACTUATOR	925 ... 0			
10 2	KIT	423 000 ... 0	22 2	CABLE PRESSURE SENSOR	449 812 ... 0
9 2	BRAKE CHAMBER	423 10 ... 0	21 2	PRESS. SENSOR-HYDRAULIC OIL	441 032 8... 0
8 1	OVERLOAD-PROTECTION RV	973 011 201 0	20 4	ABS-SENSOR	449 611 000 0
7 1	TRAILER-MODULATOR	480 102 ... 0	19 1	DIAGNOSTIC CABLE	449 349 000 0
6 1	DRAIN VALVE	934 300 001 0	18 1	24N-CABLE	449 1... 0
5 2	HOSE CLAMP	451 999 ... 2	17 1	SUPPLY (POWER) CABLE	449 723 000 0
4 1	AIR RESERVOIR	950 ... 0	16 4	EXTENSION CABLE	463 703 036 0
3 1	PARK-RELEASE-EMERG. VALVE (PREV)	971 002 9... 0	15 1	TEST CONNECTION	463 703 120 0
2 1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	14 2	TEST CONNECTION	463 703 ... 0
1 1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	13 1	TEST CONNECTION	463 703 ... 0

Copyright Wabco®	Signature	2011-10-11	BURMESTER
Year	Model	2011-10-11	CHRONIS
Part No.	Scale	BURMESTER	
Material No.			
841 601 304 0			
ECS No.			
Pro/E			
Product Identification No.			
4990			

WABCO	
TRAILER - EBS E	
FOR 3-AXLES-CENTRE AXLE-TRAILERS	
AGRICULT. TRAILER W. HYDR. SUSPENSION	
PREV. ABS-2S/2M OR 4S/2M	
(MULTIVOLTAGE)	
Part No.	Scale
841 601 304 0	1/1
Product Identification No.	4990

2.3 Drawbar trailer

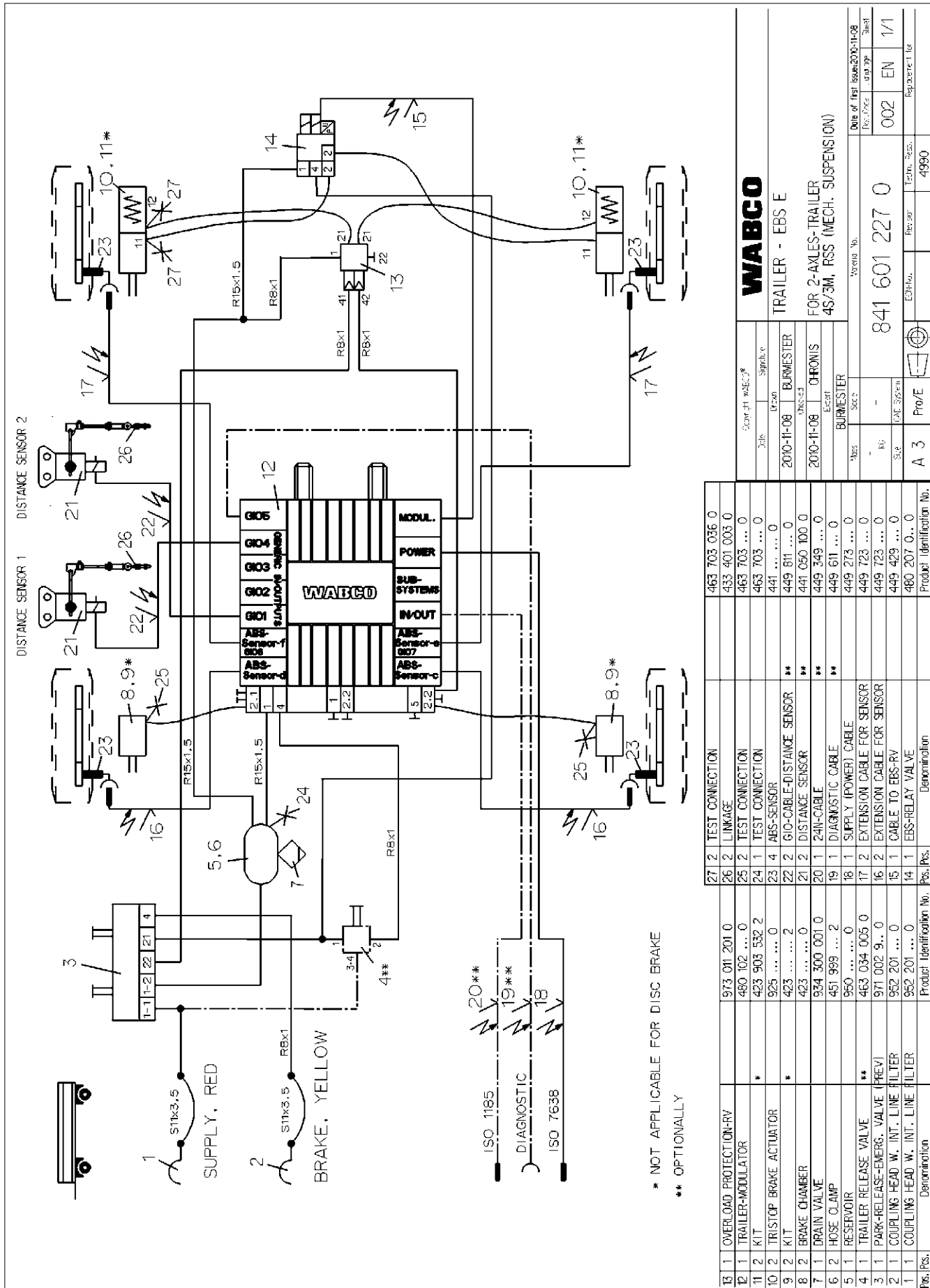
AXLE(S)	ABS SYSTEM	NUMBER	TRISTOP™	OVERLOAD PROTECTION VALVE	PEM	MECHANICAL SUSPENSION	PREV	MODULATOR FRONT AXLE	COMMENT	PAGE
2	4S/3M	841 601 220 0	x				x	x		190
2	4S/3M	841 601 223 0	x	x			x	x		191
2	4S/3M	841 601 224 0	x		x		x			192
2	4S/3M	841 601 225 0	x		x	x	x			193
2	4S/3M	841 601 226 0								194
2	4S/3M	841 601 227 0	x	x		x	x	x		195
2	4S/3M	841 601 228 0						x		196
2	4S/3M	841 601 229 0	x	x			x			197
2	4S/3M	841 601 230 0	x				x			198
2	4S/3M	841 601 341 0	x		x		x	x		199
2	4S/3M	841 601 342 0	x							200
2	4S/3M	841 601 345 0	x				x			201
2	4S/3M	841 601 347 0				x				202
2	4S/3M	841 601 391 0	x	x			x	x	Additional trailer CAN router / Duo-Matic	203
3	4S/3M	841 601 230 0	x				x			204
3	4S/3M	841 601 231 0	x	x			x			205
3	4S/3M	841 601 232 0	x		x		x			206
3	4S/3M	841 601 233 0	x	x						207
3	4S/3M	841 601 235 0	x		x	x				208
3	4S/3M	841 601 236 0	x							209
3	4S/3M	841 601 237 0	x		x		x		Additional test valve (supply)	210
3	4S/3M	841 601 238 0	x			x			Duo-Matic	211
3	4S/3M	841 601 360 0						x	2 axles, front	212
3	4S/3M	841 601 361 0	x		x				2 axles, front	213
3	4S/3M	841 601 362 0				x				214
3	4S/3M	841 601 363 0	x	x		x	x			215
4	4S/3M	841 601 198 0	x		x		x		Steering axle 4	216
4	4S/3M	841 601 240 0	x	x			x			217
4	4S/3M	841 601 241 0	x	x			x	x		218
4	4S/3M	841 601 242 0	x				x			219
4	4S/3M	841 601 243 0	x			x		x		220
4	4S/3M	841 601 244 0	x		x		x			221
4	2x 4S/2M	841 601 245 0	x						CAN router 2x 4S/2M	222
4	4S/3M	841 601 246 0	x		x			x		223
4	4S/3M	841 601 247 0	x		x					224
4	4S/3M	841 601 249 0	x	x		x	x	x	Auxiliary relay / RSS	225
4	4S/3M	841 601 350 0	x	x			x	x	Auxiliary relay / RSS	226
4	4S/3M	841 601 351 0	x							227
4	4S/3M	841 601 352 0	x							228
5	4S/3M	841 601 063 0	x		x					229
5	4S/3M	841 601 064 0	x							230
5	4S/3M	841 601 065 0	x							231
5	4S/3M	841 601 066 0	x		x		x		Select Low axle 5	232
5	4S/3M	841 601 067 0	x		x		x		Tristop™ axle 2+3+4, steering axle 5	233
5	4S/3M	841 601 069 0	x		x		x		Auxiliary relay at front	234
5	4S/3M	841 601 380 0	x		x		x		Without relay at front, small brake cylinder	235



* NOT APPLICABLE FOR DISC-BRAKES

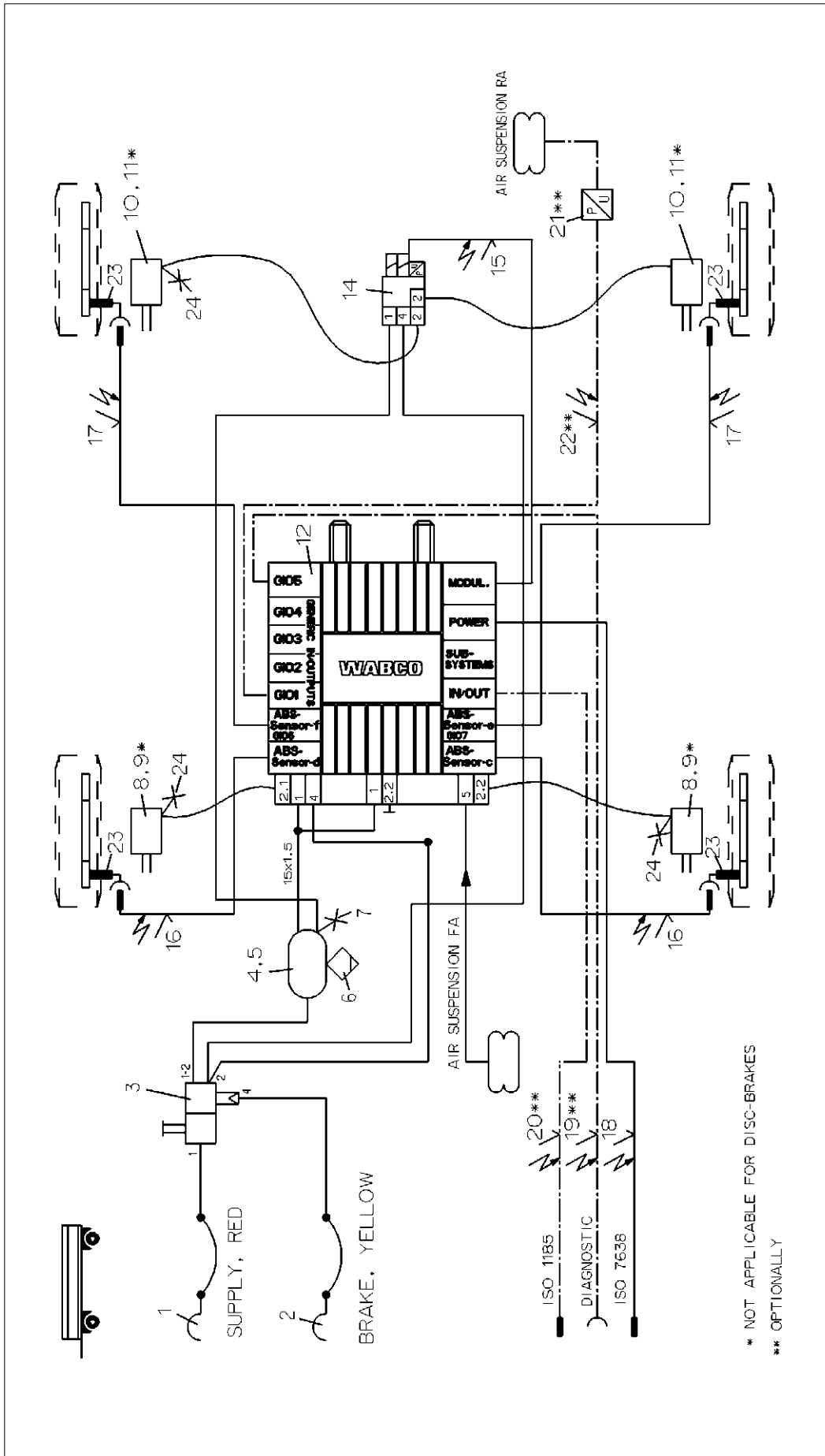
** OPTIONALLY

*** TO PROVIDE FOR RSS



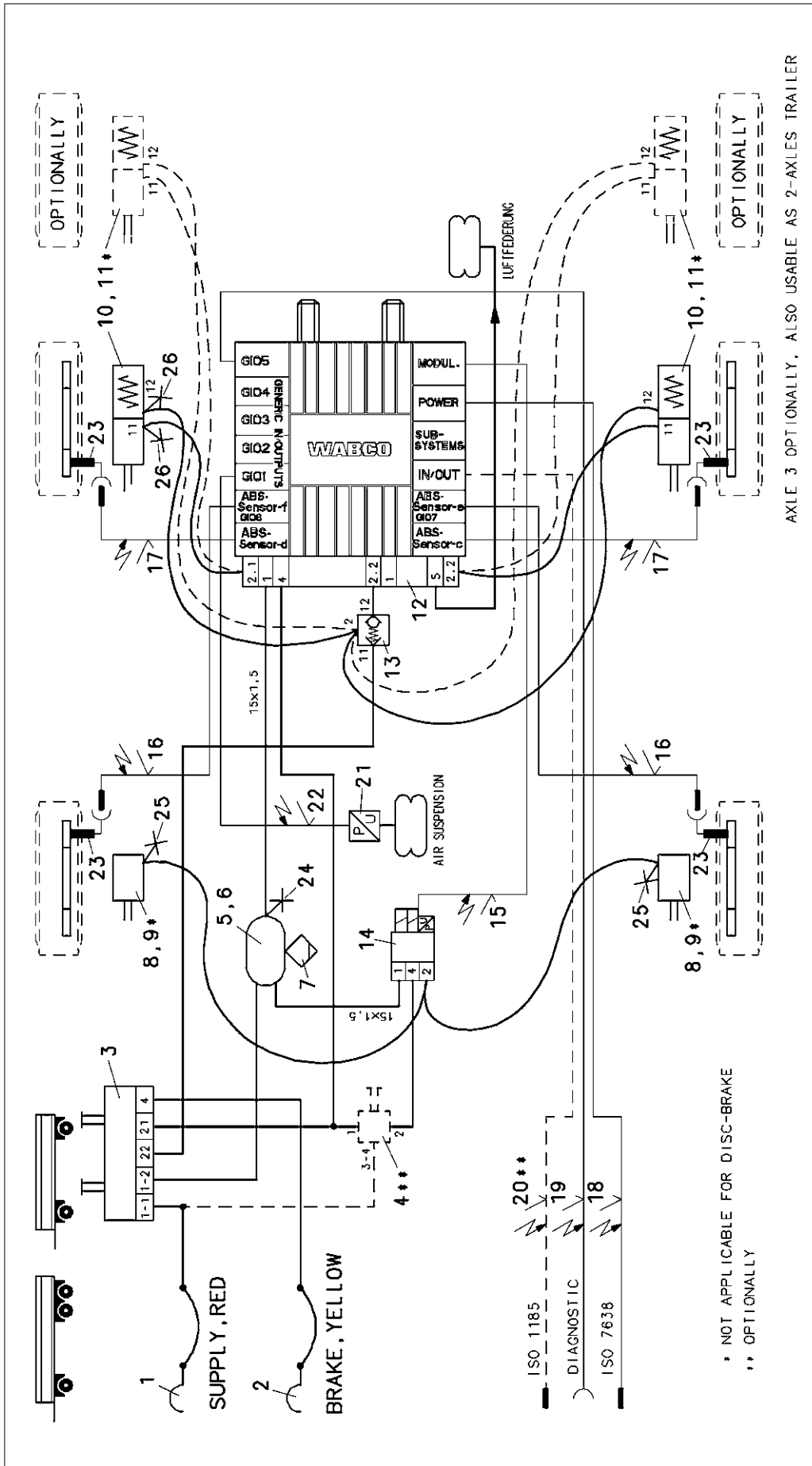
* NOT APPLICABLE FOR DISC BRAKE
** OPTIONALLY

Fig. Pos.	Denomination	Product Identification No.	Pos. Pos.	Denomination	Product Identification No.
13 1	OVERLOAD PROTECTION-RV	973 011 201 0	27 2	TEST CONNECTION	463 703 036 0
12 1	TRAILER-MODULATOR	480 102 ... 0	26 2	LINKAGE	433 401 003 0
11 2	KIT	423 903 532 2	25 2	TEST CONNECTION	463 703 ... 0
10 2	TRISTOP BRAKE ACTUATOR	925 0	24 1	TEST CONNECTION	463 703 ... 0
9 2	KIT	423 2	23 4	ABS-SENSOR	441 0
8 2	BRAKE CHAMBER	423 0	22 2	GIO-CABLE-DISTANCE SENSOR	449 611 ... 0
7 1	DRAIN VALVE	934 300 001 0	21 2	DISTANCE SENSOR	441 050 100 0
6 2	HOSE CLAMP	451 989 ... 2	20 1	24N-CABLE	449 349 ... 0
5 1	RESERVOIR	950 0	19 1	DIAGNOSTIC CABLE	449 611 ... 0
4 1	TRAILER RELEASE VALVE	463 034 005 0	18 1	SUPPLY (POWER) CABLE	449 723 ... 0
3 1	PARK-RELEASE-EMERG. VALVE (PREV)	971 002 9... 0	17 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2 1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	16 2	EXTENSION CABLE FOR SENSOR	449 429 ... 0
1 1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	15 1	CABLE TO EBS-RV	480 207 0... 0
			14 1	EBS-RELAY VALVE	



* NOT APPLICABLE FOR DISC-BRAKES
 ** OPTIONALLY

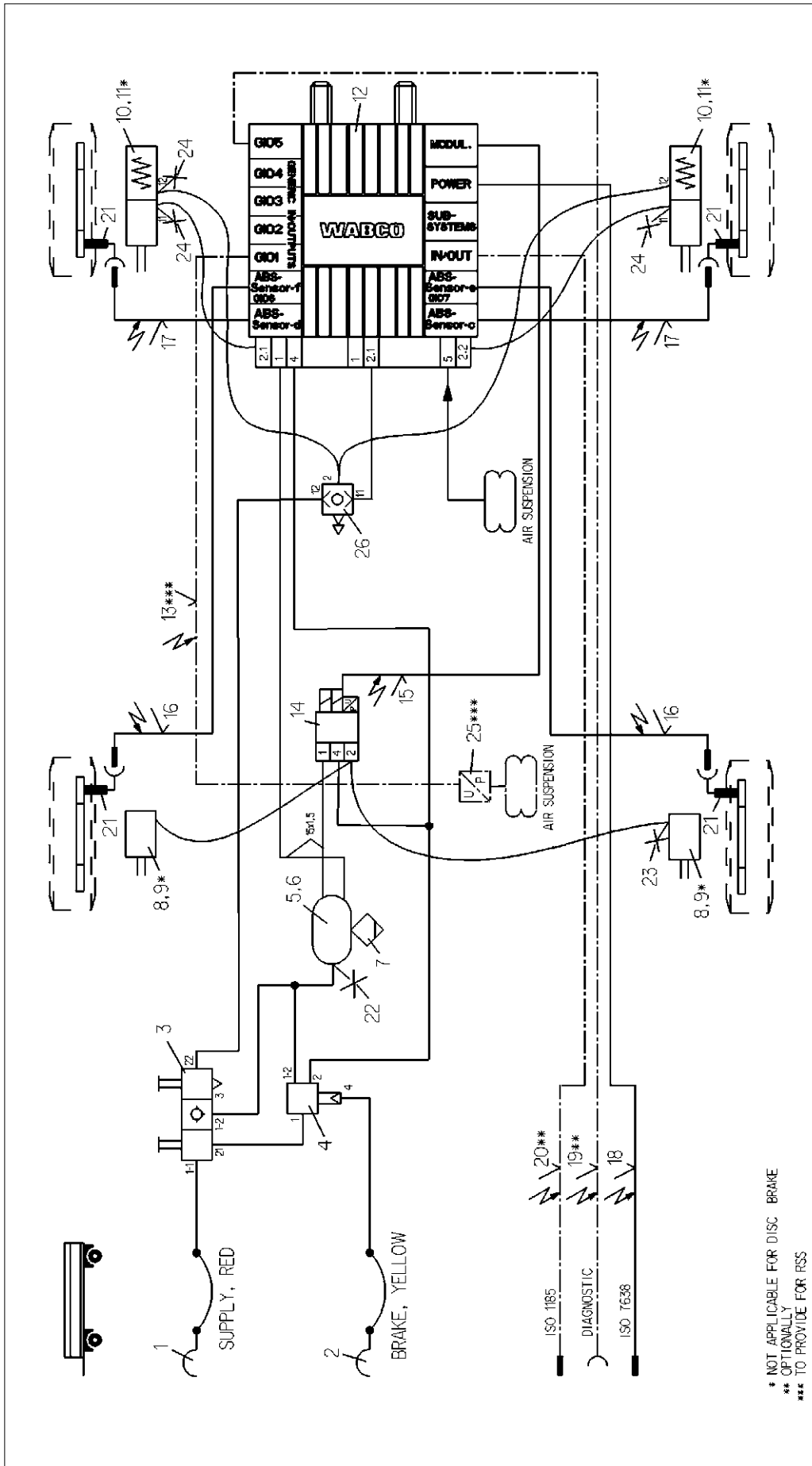
12	1	TRAILER-MODULATOR	480 102 ... 0	24	3	TEST CONNECTION	463 703 120 0	WABCO		Country	430018
11	2	KIT	423 2	23	4	ABS-SENSOR	441 0	TRAILER - EBS E		Title	Graphic
10	2	BRAKE CHAMBER	423 0	22	1	CABLE TO PRESSURE SENSOR	449 812 ... 0	FOR 2-AXLES-TRAILER		Part	2009-03-02
9	2	KIT	423 2	21	1	PRESSURE SENSOR	441 040 013 0	4S/3M, WW, RSS		Original	BURMESTER
8	2	BRAKE CHAMBER	423 0	20	1	24N-CABLE	449 349 ... 0	BURMESTER		Original	2009-03-02
7	1	TEST CONNECTION	463 703 ... 0	19	1	DIAGNOSTIC CABLE	449 611 ... 0	Date of first issue: 2009-03-02		Part	2009-03-02
6	1	DRAIN VALVE	934 300 001 0	18	1	SUPPLY (POWER) CABLE	449 273 ... 0	No. Code		002	EN
5	2	HOSE CLAMP	451 999 ... 2	17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0	Date of first issue: 2009-03-02		EN	1/1
4	1	AIR RESERVOIR	950 0	16	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0	No. Code		002	EN
3	1	LANH. BREMSVENTIL MIT LOSSEVENTIL	971 002 703 0	15	1	CABLE TO EBS-RV	449 429 ... 0	Date of first issue: 2009-03-02		EN	1/1
2	1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	14	1	EBS-RELAY VALVE	480 207 0.. 0	No. Code		002	EN
1	1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	13	1	Product Identification No.	4990	Date of first issue: 2009-03-02		EN	1/1
Denomination		Product Identification No.		Denomination		Product Identification No.		Date of first issue: 2009-03-02		EN	



AXLE 3 OPTIONALLY, ALSO USABLE AS 2-AXLES TRAILER

* NOT APPLICABLE FOR DISC-BRAKE
** OPTIONALLY

FIG. NOS.	DENOMINATION	FIG.	NOS.	DENOMINATION	FIG.	NOS.	PRODUCT IDENTIFICATION NO.	DATE
13	1 TWO-WAY-VALVE	434	208	055	025	2	TEST CONNECTION	463 703 036 0
12	1 TRAILER-MODULATOR	480	102	...	025	2	TEST CONNECTION	463 703 120 0
11	2 BEIPACK	423	903	532	224	1	TEST CONNECTION	463 703 ... 0
10	2 TRISTOP BRAKE ACT.	925	...	...	023	4	ABS-SENSOR	441 ... 000 0
9	2 KIT	423	...	...	222	1	CABLE TO PRESS.SENS.	449 872 ... 0
8	2 BRAKE VALVE	934	300	001	020	1	PRESSURE SENSOR	441 040 013 0
7	1 DRAIN VALVE	451	999	...	219	1	24N-CABLE	449 349 000 0
6	2 HOSE CLAMP	950	...	...	018	1	DIAGNOSTIC CABLE	449 611 000 0
5	1 AIR RESERVOIR	463	034	005	017	2	SUPPLY(POWER)-CABLE	449 273 000 0
4	1 TRAIL.-RELEASE VALVE	971	002	9...	016	2	EXTENSION CABLE	449 723 000 0
3	1 PARK-RELEASE-EMERG.-VALVE (PREV)	952	201	003	015	1	EXTENSION CABLE	449 723 000 0
2	1 COUPLING HEAD W. INT. LINE FILTER	952	201	004	014	1	CABLE TO EBS-RV	449 429 000 0
1	1 COUPLING HEAD W. INT. LINE FILTER	952	201	004	014	1	EBS-RELAY VALVE	480 207 0... 0
								PRODUCT IDENTIFICATION NO.
								DATE
								DEN. NO.
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
								NOS.
								DENOMINATION
								FIG.
				</				

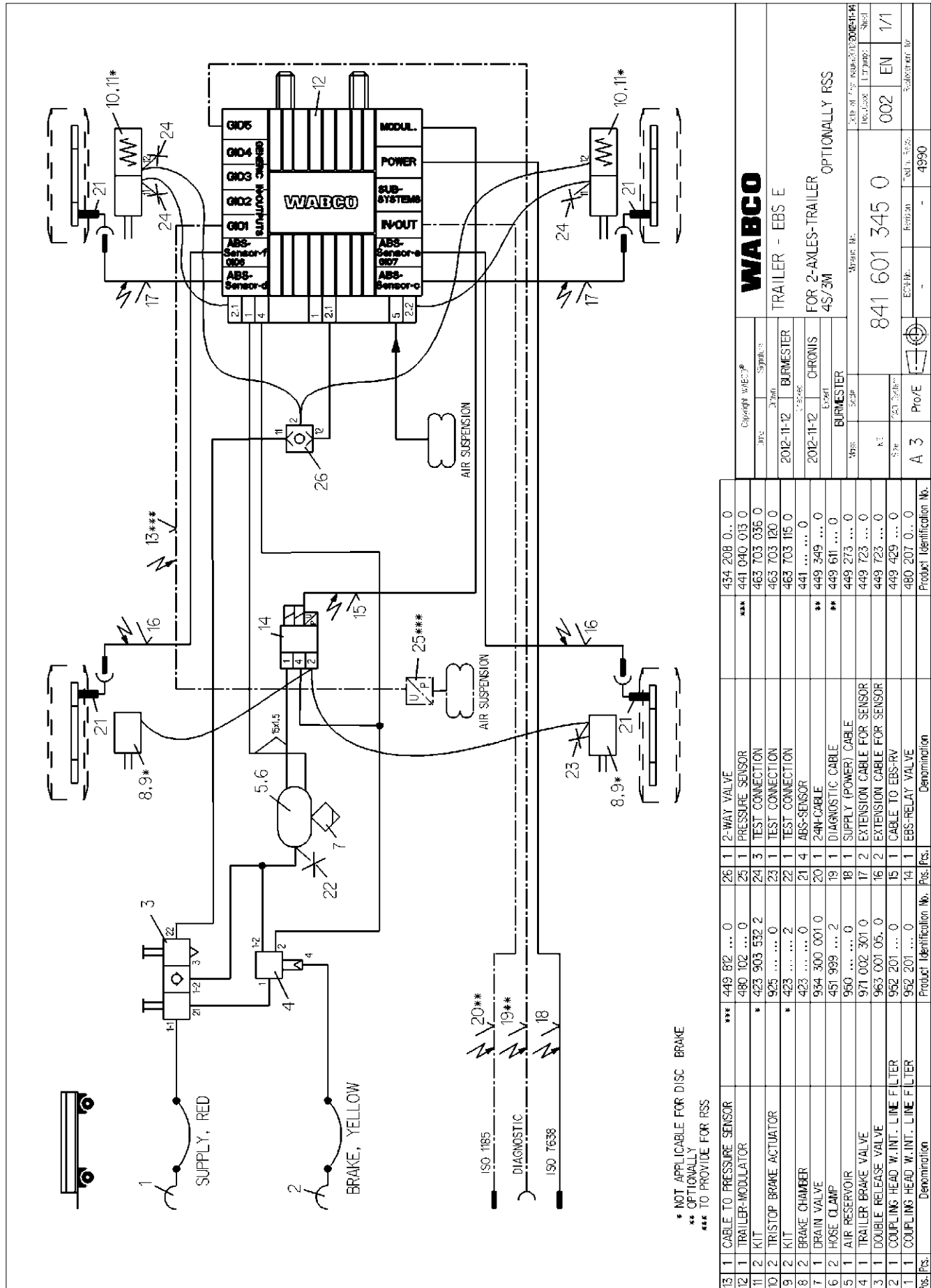


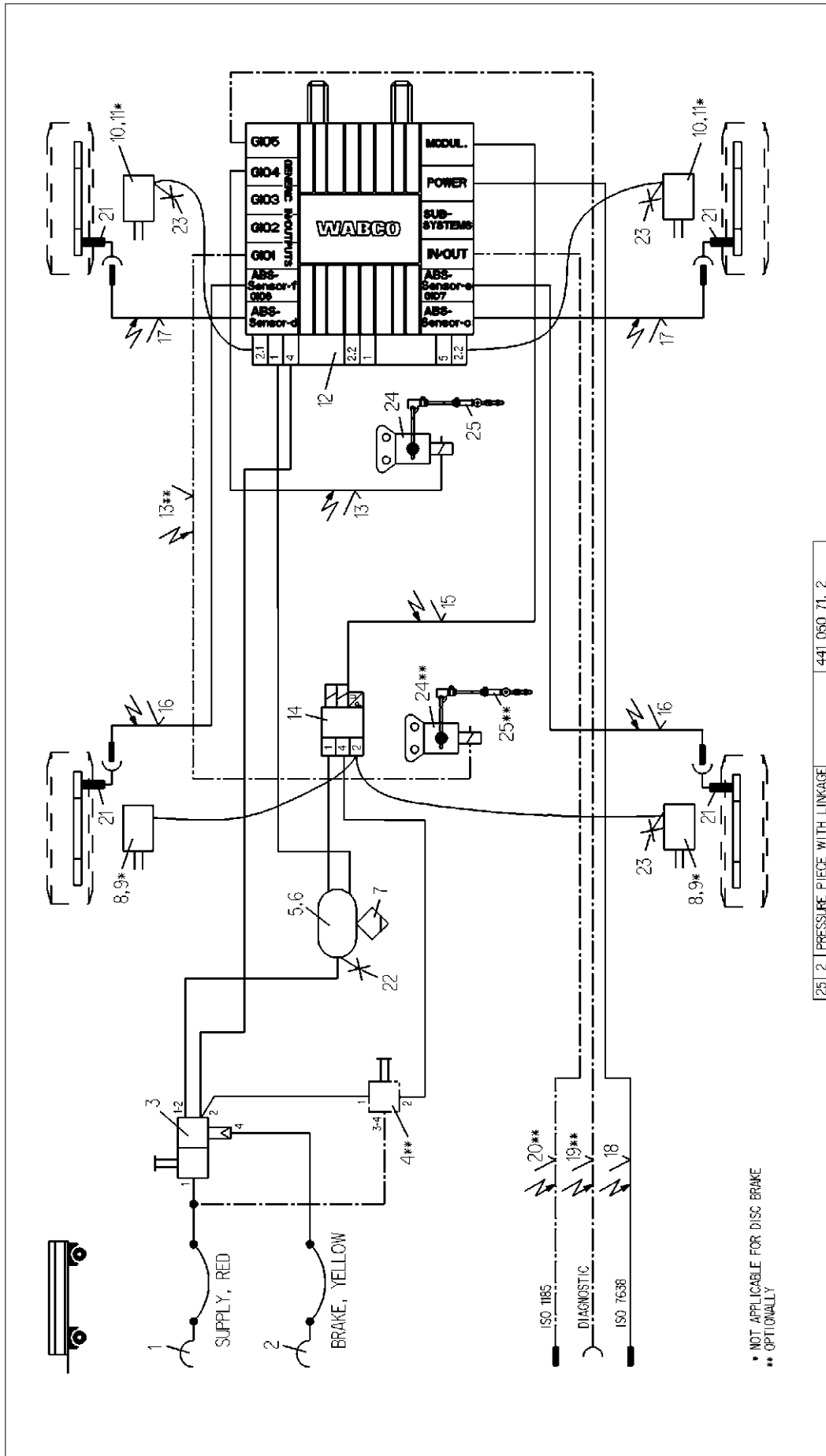
* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONALLY FOR RSS
 *** TO PROVIDE FOR RSS

Pos./Pos.	Designation	Product Identification No.	Pos./Pos.	Designation	Product Identification No.
13	1 CABLE TO PRESSURE SENSOR	449 812 ... 0	26	1 2-WAY QUICK RELEASE VALVE	973 500 051 0
12	1 TRAILER-MODULATOR	480 102 ... 0	25	1 PRESSURE SENSOR	441 040 013 0
11	2 KIT	423 903 532 2	24	3 TEST CONNECTION	463 703 036 0
10	2 TRISTOP BRAKE ACTUATOR	925 ... 0	23	1 TEST CONNECTION	463 703 120 0
9	2 KIT	423 ... 2	22	1 TEST CONNECTION	463 703 115 0
8	2 BRAKE CHAMBER	423 ... 0	21	4 ABS-SENSOR	441 ... 0
7	1 DRAIN VALVE	934 300 001 0	20	1 24H-CABLE	449 349 ... 0
6	2 HOSE CLAMP	451 989 ... 2	19	1 DIAGNOSTIC CABLE	449 611 ... 0
5	1 AIR RESERVOIR	950 ... 0	18	1 SUPPLY (POWER) CABLE	449 273 ... 0
4	1 TRAILER BRAKE VALVE	971 002 301 0	17	2 EXTENSION CABLE FOR SENSOR	449 123 ... 0
3	1 DOUBLE RELEASE VALVE	963 001 05. 0	16	2 EXTENSION CABLE FOR SENSOR	449 123 ... 0
2	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	15	1 CABLE TO EBS-RV	449 429 ... 0
1	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	14	1 EBS-RELAY VALVE	480 207 0. 0
	Denomination				
	Product Identification No.				
	Pos./Pos.				

WABCO
 TRAILER - EBS E
 FOR 2-AXLES-TRAILER
 4S/3M

Copyright WABCO	2011-06-06	BURMESTER
2011-06-06	CHRONIS	OPTIONALLY RSS
BURMESTER		
Scale		
Part No.	841 601 342 0	Revision
Doc. Code	EN	1/1
Doc. Name		
Doc. No.		
Doc. Rev.		
Doc. Date		
Doc. Issue		
Doc. Type		
Doc. Version		
Doc. Year		
Doc. Zone		
Doc. Country		
Doc. Language		
Doc. Sheet		

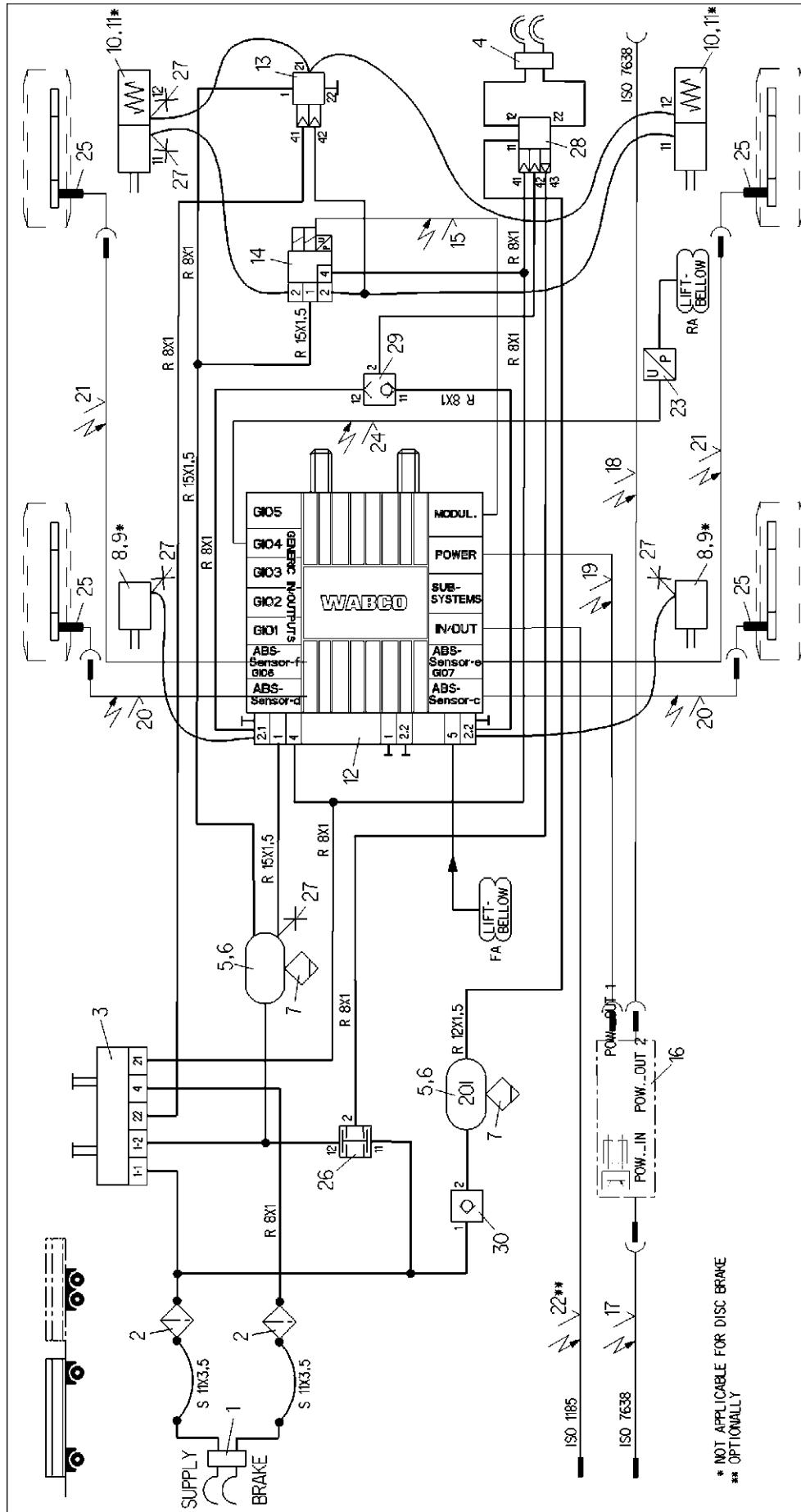




* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONAL

12 1 TRAILER-MODULATOR		441 050 71. 2	Product Identification No.	
11 2 KIT	480 102 ... 0	441 050 100 0	Denomination	
10 2 BRAKE CHAMBER	423 ... 2	463 703 120 0	Pos. Pos.	
9 2 KIT	423 ... 0	463 703 115 0	Product Identification No.	
8 2 BRAKE CHAMBER	423 ... 2	441 ... 0	Denomination	
7 1 DRAIN VALVE	423 ... 0	449 349 ... 0	Pos. Pos.	
6 2 HOSE CLAMP	934 300 001 0	449 611 ... 0	Product Identification No.	
5 1 TRAILER RELEASE VALVE	451 989 ... 2	449 273 ... 0	Denomination	
4 1 TRAILER-BRAKE VALVE W. RELEASE VALVE	950 ... 0	449 723 ... 0	Pos. Pos.	
3 1 COUPLING HEAD W. INT. LINE FILTER	463 034 005 0	449 723 ... 0	Product Identification No.	
2 1 COUPLING HEAD W. INT. LINE FILTER	971 002 7.. 0	449 429 ... 0	Denomination	
1 1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	480 207 0.. 0	Pos. Pos.	
	952 201 ... 0	449 811 ... 0	Product Identification No.	

WABCO		Date of first issue: 2013-01-29	
TRAILER - EBS E		Date of next issue: 2013-01-29	
FOR 2-AXLES-TRAILER		Date of next issue: 2013-01-29	
4S/3M		Date of next issue: 2013-01-29	
-OPTIONALLY RSS-		Date of next issue: 2013-01-29	
Part of No.		Date of next issue: 2013-01-29	
841 601 347 0		Date of next issue: 2013-01-29	
EN 1/1		Date of next issue: 2013-01-29	
A 3 Pro/E		Date of next issue: 2013-01-29	
4990		Date of next issue: 2013-01-29	



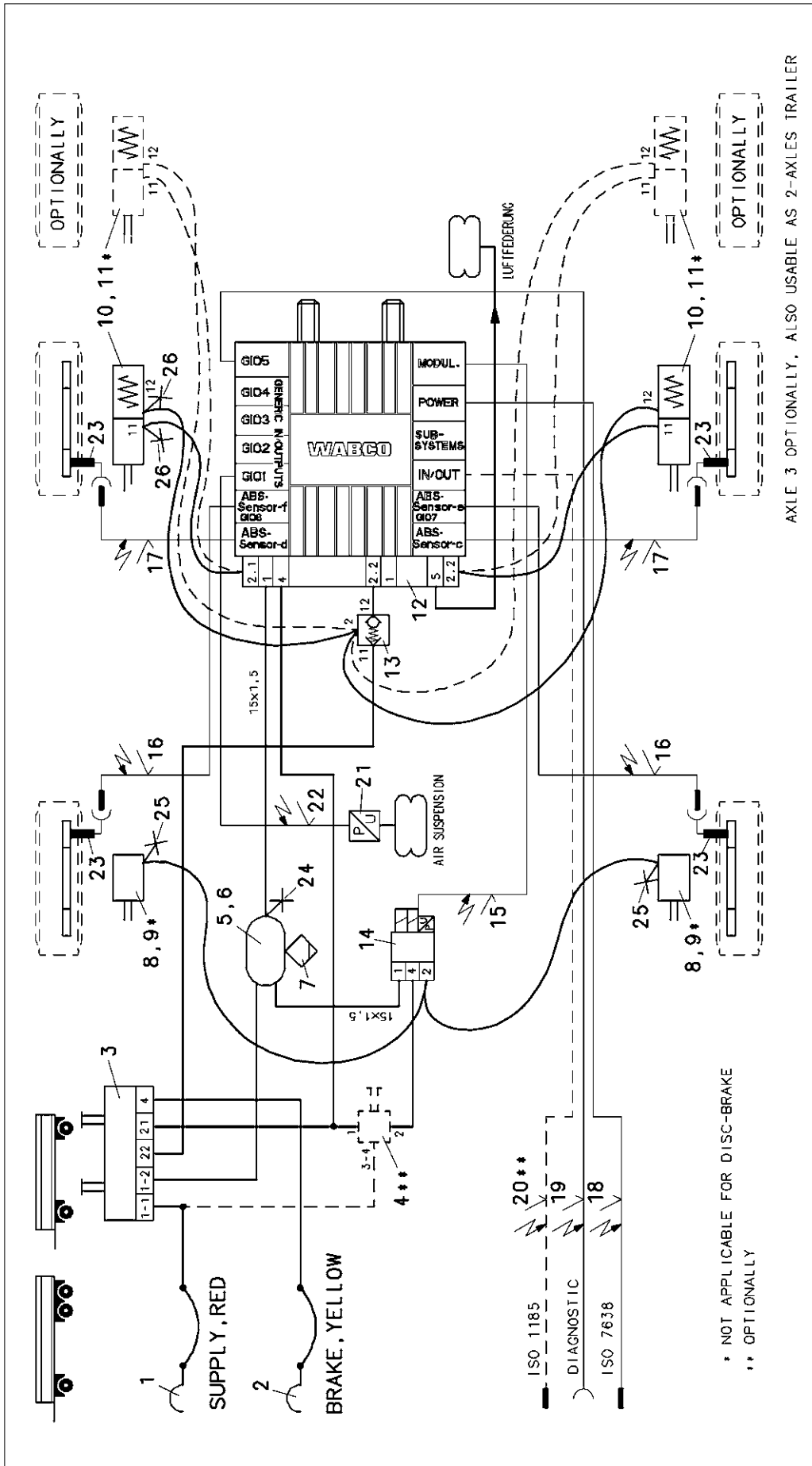
* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONALLY

Pos. Pos.	Denomination	Product Identification No.	Pos. Pos.	Denomination	Product Identification No.	
15	1	CABLE TO EBS-RELAY VALVE	30	1	CHECK VALVE	
14	1	EBS-RELAY VALVE	449 429 ... 0	29	1	TWO WAY VALVE
13	1	OVERLOAD-PROTECTION-RV	480 207 001 0	28	1	TRAILER CONTROL VALVE
12	1	TRAILER INDUCTOR	973 011 201 0	27	5	TEST CONNECTION
11	2	KIT	480 102 ... 0	26	1	DOUBLE SHUT-OFF-VALVE
10	2	TRISTOP BRAKE ACTUATOR	423 903 532 2	25	4	ABS-SENSOR
9	2	KIT	925 ... 0	24	1	GIO-CABLE-PRESS-SENSOR
8	2	BRAKE CHAMBER	423 ... 0	23	1	PRESSURE SENSOR
7	2	DRAIN VALVE	934 300 001 0	22	1	24N-CABLE
6	4	HOSE CLAMP	451 989 ... 2	21	2	EXTENSION CALBE FOR SENSOR
5	2	AIR RESERVOIR	950 ... 0	20	2	EXTENSION CALBE FOR SENSOR
4	1	DUO-MATIC	452 802 009 0	19	1	POWER-CABLE 7-POL. TO ELECTRONIC
3	1	PARK-RELEASE-EMERG. VALVE (PREV)	971 002 9... 0	18	1	POWER-CABLE 7-POL. W. PLUG SOCKET
2	2	LINE FILTER	432 500 020 0	17	1	POWER-CABLE 7-POL. W. PLUG
1	1	DUO-MATIC	452 804 012 0	16	1	CAM-ROUTER-EBS

WABCO

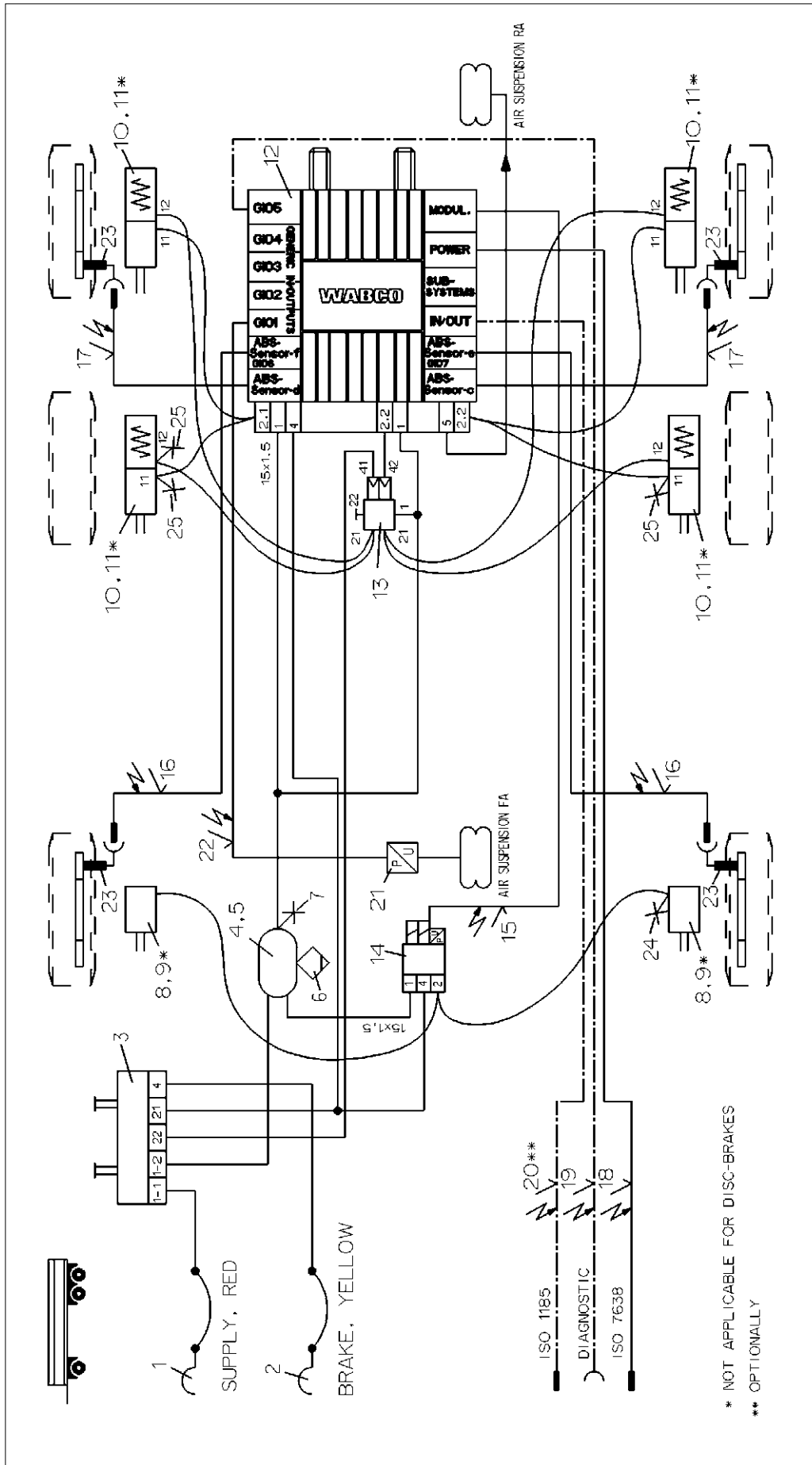
TRAILER - EBS E
 2-AXLES-TRAILER WITH TRAILER CONTR. VALVE
 AND CAM-ROUTER FOR THE BRAKE CONTROL
 FOR A SECOND TRAILER VEHICLE
 4S/3M, RSS (AIR SUSPENSION)

Copyright WABCO
 2015-05-04 BURMESTER
 2015-05-04 CHRONIS
 BURMESTER
 Date of first issue: 2015-05-04
 Doc. Code: L111003
 Sheet: 1/1
 Part. Pos.: 4990
 Revision: 002
 EN
 HMR 00436



AXLE 3 OPTIONALLY, ALSO USABLE AS 2-AXLES TRAILER

13	1 TWO-WAY-VALVE	434 208 055 0	25	2 TEST CONNECTION	463 703 036 0
12	1 TRAILER-MODULATOR	480 102 ... 0	25	2 TEST CONNECTION	463 703 120 0
11	2 BEIPACK *	423 903 532 2	24	1 TEST CONNECTION	463 703 ... 0
10	2 TRISTOP BRAKE ACT. *	925 0	23	4 ABS-SENSOR	441 0
9	2 KIT *	423 2	22	1 CABLE TO PRESS.SENS.	449 812 ... 0
8	2 BRAKE CHAMBER	934 300 001 0	21	1 PRESSURE SENSOR	441 040 013 0
7	1 DRAIN VALVE	451 999 ... 2	19	1 24N-CABLE	449 349 000 0
6	2 HOSE CLAMP	950 0	18	1 DIAGNOSTIC CABLE	449 611 000 0
5	1 AIR RESERVOIR	463 034 005 0	17	1 SUPPLY(POWER)-CABLE	449 273 000 0
4	1 TRAIL.-RELEASE VALVE **	971 002 9 ... 0	16	2 EXIENSION CABLE	449 723 000 0
3	1 PARK-RELEASE-EMERG.- VALVE (PREV)	952 201 003 0	15	2 EXIENSION CABLE	449 723 000 0
2	1 COUPLING HEAD W. INT. LINE FILTER	952 201 004 0	14	1 CABLE TO EBS-RV	449 429 000 0
1	1 COUPLING HEAD W. INT. LINE FILTER	952 201 004 0	13	1 EBS-RELAY VALVE	480 207 0 ... 0
FIG. NOS.	DENOMINATION	FIG. NOS.	DENOMINATION	FIG. NOS.	FIG. NOS.
				PRODUCT IDENTIFICATION NO.	112957 A
				DATE	07-04-05
				FIG. NOS.	114843 B
				DATE	07-10-19
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0
				PRODUCT IDENTIFICATION NO.	112957 A
				FIG. NOS.	480 207 0 ... 0
				DATE	07-04-05
				FIG. NOS.	480 207 0 ... 0

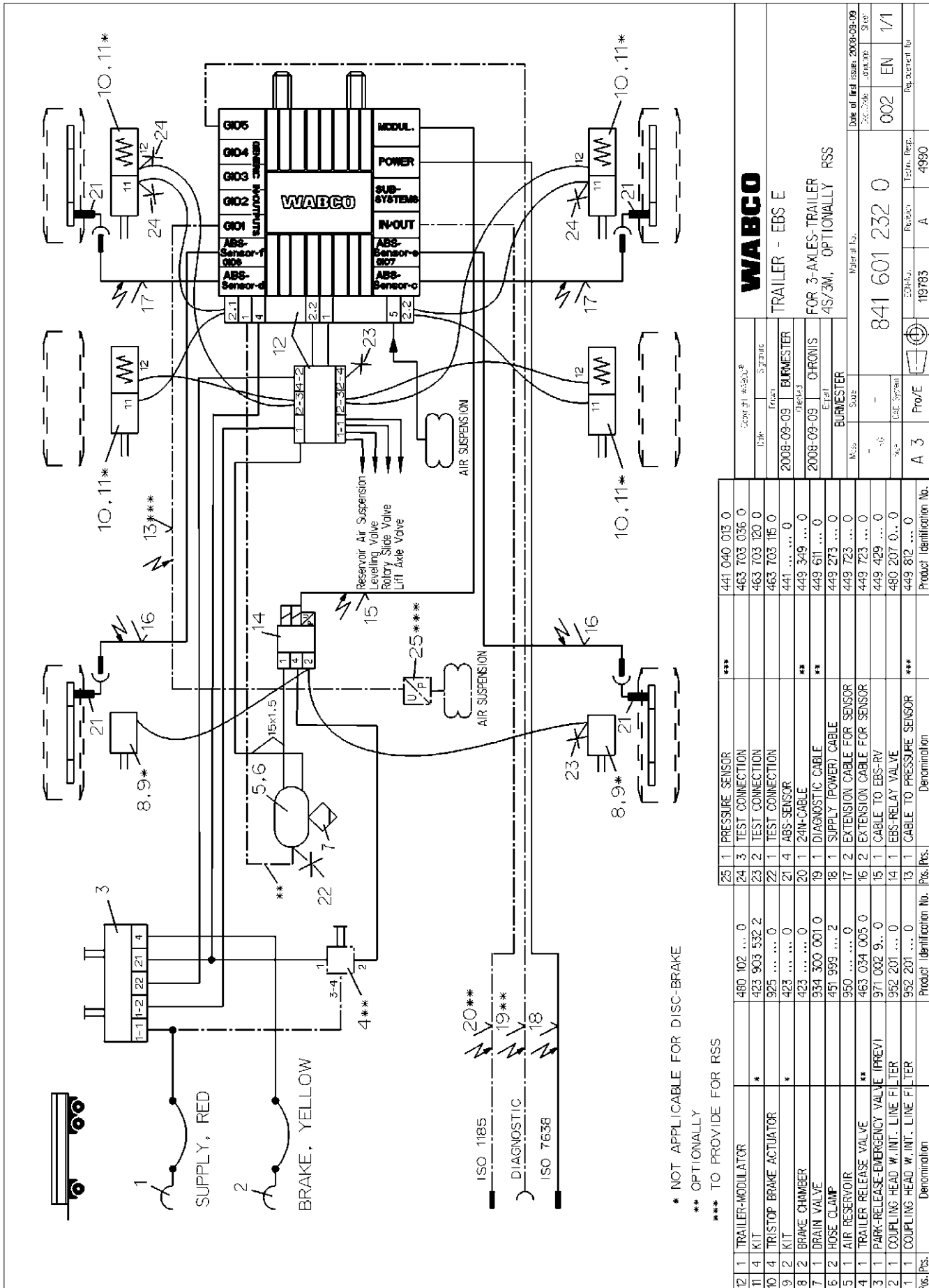


* NOT APPLICABLE FOR DISC-BRAKES
 ** OPTIONALLY

Part No.		Description		Quantity	
13	1	OVERLOAD-PROTECTION-RV	973 011 201 0		
12	1	TRAILER-MODULATOR	480 102 ... 0	25	3
11	4	KIT	423 903 532 2	24	1
10	4	TRISTOP BRAKE ACTUATOR	925 ... 0	23	4
9	2	KIT	423 ... 2	22	1
8	2	BRAKE CHAMBER	423 ... 0	21	1
7	1	TEST CONNECTION	463 703 ... 0	20	1
6	1	DRAIN VALVE	934 300 001 0	19	1
5	2	HOSE CLAMP	451 999 ... 2	18	1
4	1	AIR RESERVOIR	950 ... 0	17	2
3	1	PARK-RELEASE-EMERGENCY VALVE (PREV)	971 002 9... 0	16	2
2	1	COUPLING HEAD W.INT. LINE FILTER	952 201 003 0	15	1
1	1	COUPLING HEAD W.INT. LINE FILTER	952 201 004 0	14	1

Product Identification No.	Denomination	Product Identification No.	Denomination
463 703 036 0	TEST CONNECTION	480 207 0... 0	EBS-RELAY VALVE
463 703 120 0	TEST CONNECTION	480 207 0... 0	EBS-RELAY VALVE
441 ... 0	ABS-SENSOR	480 207 0... 0	EBS-RELAY VALVE
449 812 ... 0	CABLE TO PRESSURE SENSOR	480 207 0... 0	EBS-RELAY VALVE
441 040 013 0	PRESSURE SENSOR	480 207 0... 0	EBS-RELAY VALVE
449 349 ... 0	24V-CABLE	480 207 0... 0	EBS-RELAY VALVE
449 611 ... 0	DIAGNOSTIC CABLE	480 207 0... 0	EBS-RELAY VALVE
449 273 ... 0	SUPPLY (POWER) CABLE	480 207 0... 0	EBS-RELAY VALVE
449 723 ... 0	EXTENSION CABLE FOR SENSOR	480 207 0... 0	EBS-RELAY VALVE
449 723 ... 0	EXTENSION CABLE FOR SENSOR	480 207 0... 0	EBS-RELAY VALVE
449 429 ... 0	CABLE TO EBS-RV	480 207 0... 0	EBS-RELAY VALVE

WABCO		Date of first issue: 2008-09-09	
TRAILER - EBS E		Doc. Code	002
FOR 3-AXLES-TRAILER		Language	EN
4S/3M AIR SUSPENSION WITH RSS		Revision	1/1
Model No.	841 601 231 0	Order No.	4990
Part No.		Part Name	
Part Name		Part No.	
Part No.		Part Name	
Part Name		Part No.	



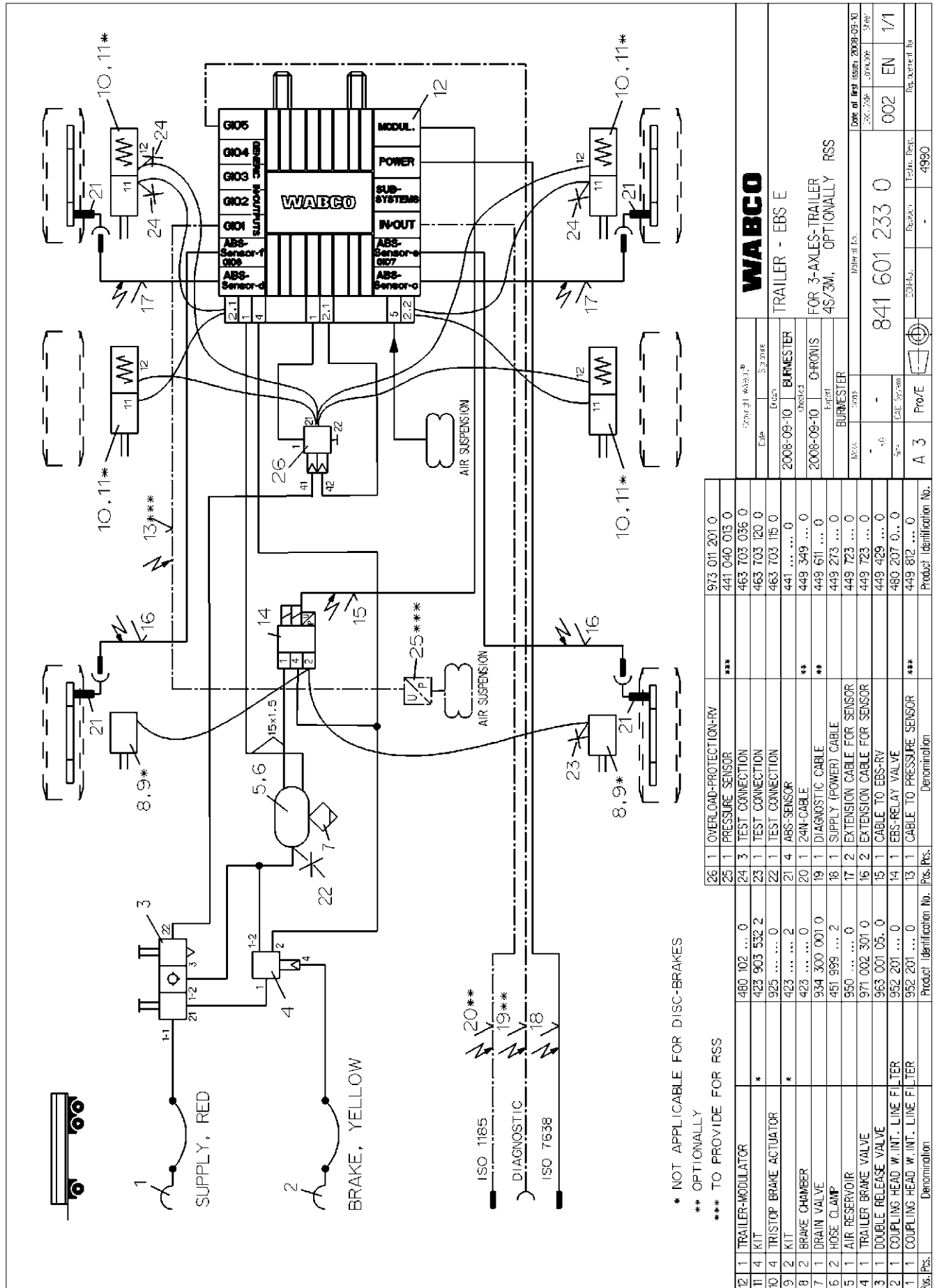
* NOT APPLICABLE FOR DISC-BRAKE
 ** OPTIONALLY
 *** TO PROVIDE FOR RSS

12	1	TRAILER-MODULATOR	480 102 ... 0	***	441 040 013 0
11	4	KIT	423 903 532 2		463 703 036 0
10	4	TRISTOP BRAKE ACTUATOR	925 ... 0		463 703 120 0
9	2	KIT	423 ... 0		463 703 115 0
8	2	BRAKE CHAMBER	423 ... 0	**	441 ... 0
7	1	DRAIN VALVE	934 300 001 0	**	449 349 ... 0
6	2	HOSE CLAMP	451 989 ... 2		449 611 ... 0
5	1	AIR RESERVOIR	950 ... 0		449 723 ... 0
4	1	TRAILER RELEASE VALVE	463 034 005 0		449 723 ... 0
3	1	PARK-RELEASE-EMERGENCY VALVE (PREV)	971 002 9... 0		449 429 ... 0
2	1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0		480 207 0... 0
1	1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	***	449 812 ... 0

25	1	PRESSURE SENSOR	441 040 013 0	***	441 040 013 0
24	3	TEST CONNECTION	463 703 036 0		463 703 036 0
23	2	TEST CONNECTION	463 703 120 0		463 703 120 0
22	1	TEST CONNECTION	463 703 115 0		463 703 115 0
21	4	ABS-SENSOR	441 ... 0		441 ... 0
20	1	24M-CABLE	449 349 ... 0	**	449 349 ... 0
19	1	DIAGNOSTIC CABLE	449 611 ... 0	**	449 611 ... 0
18	1	SUPPLY (POWER) CABLE	449 273 ... 0		449 273 ... 0
17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0		449 723 ... 0
16	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0		449 723 ... 0
15	1	CABLE TO EBS-RV	449 429 ... 0		449 429 ... 0
14	1	EBS-RELAY VALVE	480 207 0... 0		480 207 0... 0
13	1	CABLE TO PRESSURE SENSOR	449 812 ... 0	***	449 812 ... 0

Part No.	441 040 013 0	463 703 036 0	463 703 120 0	463 703 115 0	441 ... 0	449 349 ... 0	449 611 ... 0	449 273 ... 0	449 723 ... 0	449 723 ... 0	449 429 ... 0	480 207 0... 0	449 812 ... 0
Part Name	Pressure Sensor	Test Connection	Test Connection	Test Connection	ABS-Sensor	24M-Cable	Diagnostic Cable	Supply (Power) Cable	Extension Cable for Sensor	Extension Cable for Sensor	Cable to EBS-RV	EBS-Relay Valve	Cable to Pressure Sensor

Part No.	841 601 232 0
Part Name	Trailer - EBS E
Part No.	002
Part Name	EN
Part No.	4990
Part Name	Product Identification No.



* NOT APPLICABLE FOR DISC-BRAKES
 ** OPTIONALLY
 *** TO PROVIDE FOR RSS

Fig. Pos.	Denomination	Product Identification No.	Pos. Pos.	Denomination	Product Identification No.
12	TRAILER-MODULATOR	973 011 201 0	26	OVERLOAD-PROTECTION-RV	973 011 201 0
11	4 KIT	441 040 013 0	25	1 PRESSURE SENSOR	***
10	4 TRISTOP BRAKE ACTUATOR	463 703 036 0	24	3 TEST CONNECTION	463 703 036 0
9	2 KIT	463 703 120 0	23	1 TEST CONNECTION	463 703 120 0
8	2 BRAKE CHAMBER	463 703 115 0	22	1 TEST CONNECTION	463 703 115 0
7	1 DRAIN VALVE	441 0	21	4 ABS-SENSOR	441 0
6	2 HOSE CLAMP	449 349 ... 0	20	1 24N-CABLE	**
5	1 AIR RESERVOIR	449 611 ... 0	19	1 DIAGNOSTIC CABLE	**
4	1 TRAILER BRAKE VALVE	449 273 ... 0	18	1 SUPPLY (POWER) CABLE	
3	1 DOUBLE RELEASE VALVE	449 723 ... 0	17	2 EXTENSION CABLE FOR SENSOR	
2	1 COUPLING HEAD W. INT. LINE FILTER	449 723 ... 0	16	2 EXTENSION CABLE FOR SENSOR	
1	1 COUPLING HEAD W. INT. LINE FILTER	449 429 ... 0	15	1 CABLE TO EBS-RV	
		480 207 0... 0	14	1 EBS-RELAY VALVE	
		449 812 ... 0	13	1 CABLE TO PRESSURE SENSOR	***

WABCO
 TRAILER - EBS E
 FOR 3-AXLES-TRAILER
 4S/3M, OPTIONALLY RSS

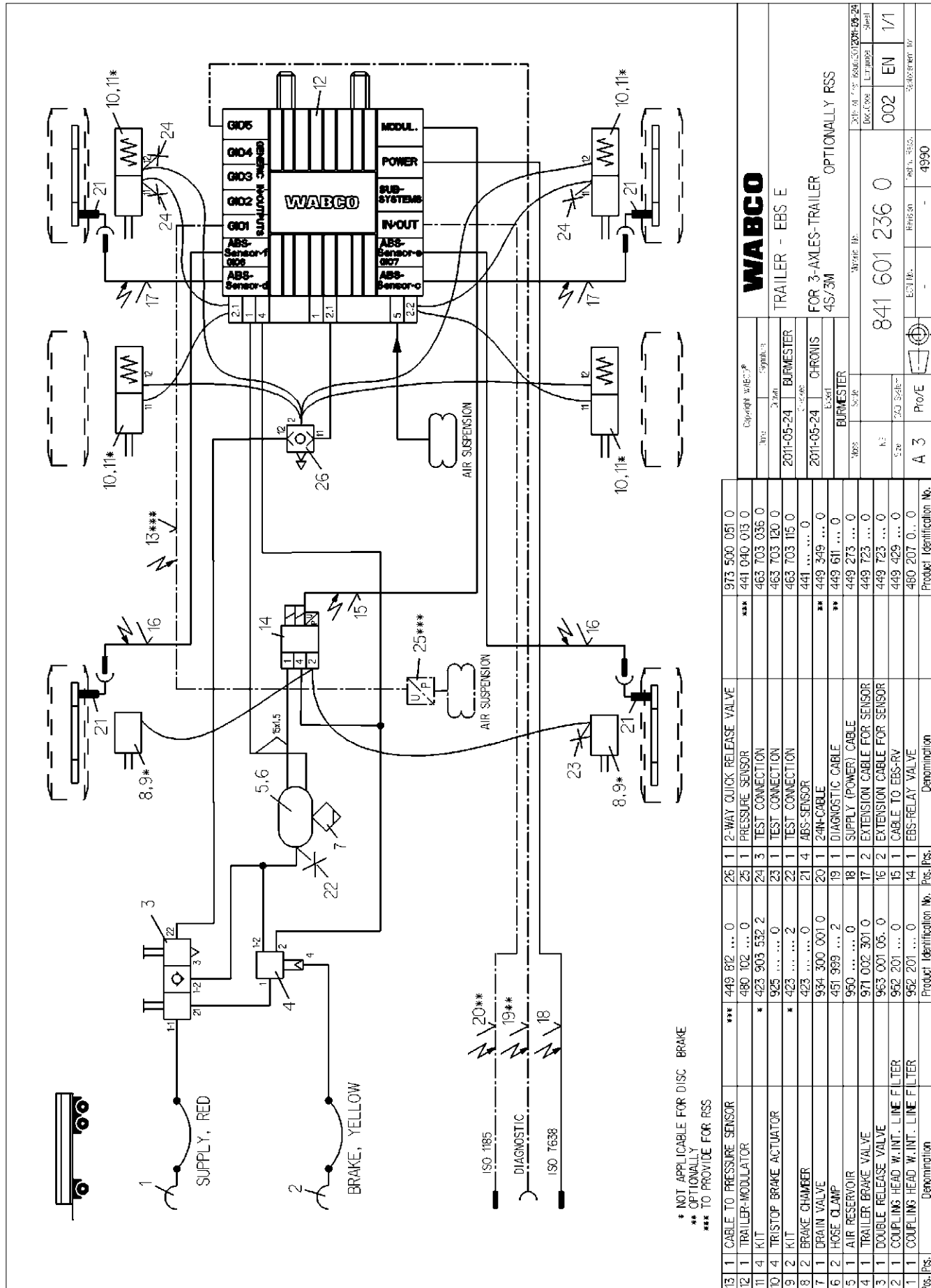
Part of the:
 Date of first issue: 2008-09-10
 Doc. Code: 00000P
 Page: 1/1

841 601 233 0

EN 1/1

002 EN 1/1

4990



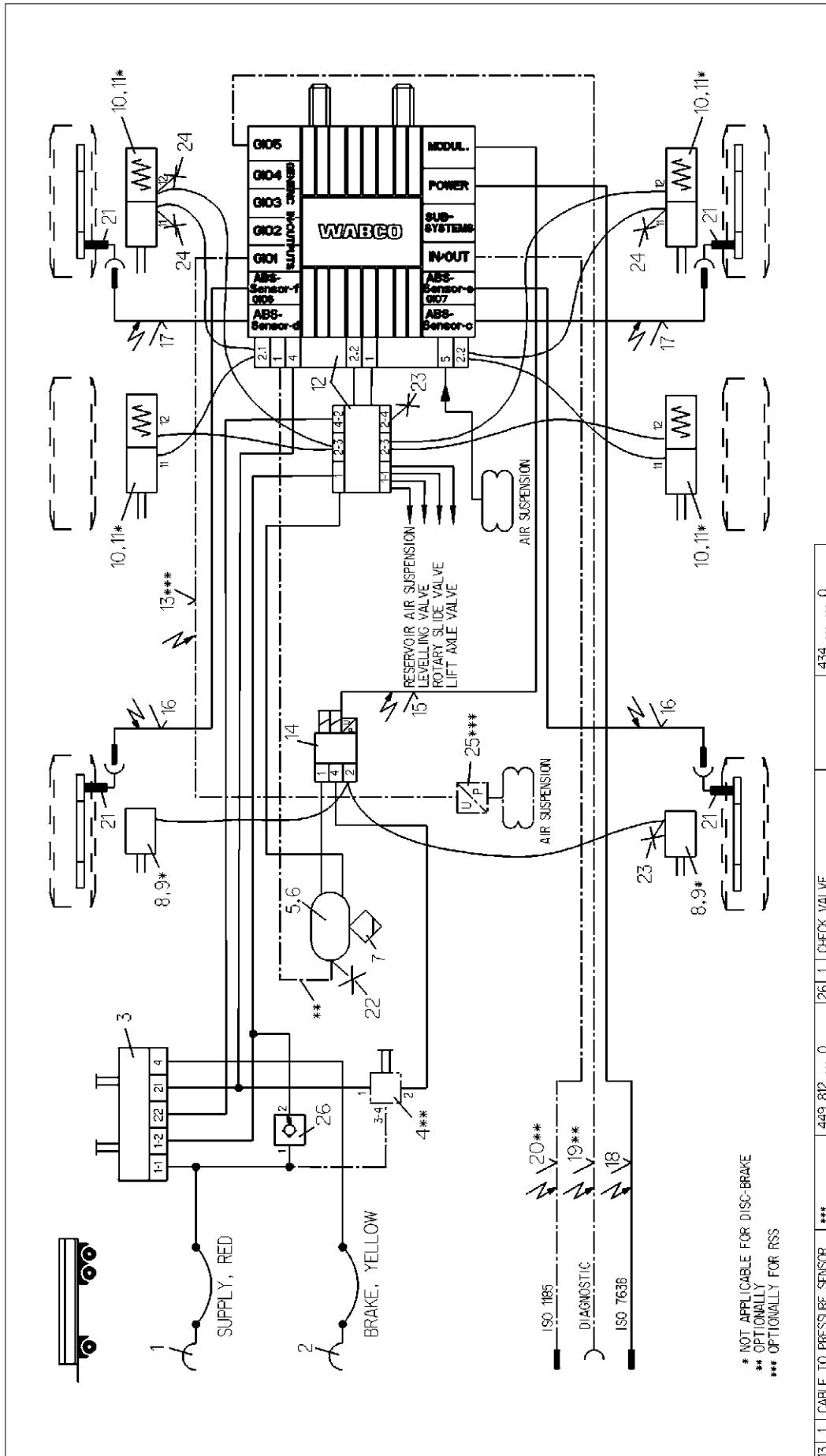
* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONALLY FOR RSS
 *** TO PROVIDE FOR RSS

Pos./Pos.	Denomination	Product Identification No.	Pos./Pos.	Denomination	Product Identification No.		
13	1	CABLE TO PRESSURE SENSOR	449 812 ... 0	26	1	2-WAY QUICK RELEASE VALVE	973 500 051 0
12	1	TRAILER-MODULATOR	480 102 ... 0	25	1	PRESSURE SENSOR	441 040 013 0
11	4	KIT	423 903 532 2	24	3	TEST CONNECTION	463 703 036 0
10	4	TRISTOP BRAKE ACTUATOR	925 ... 0	23	1	TEST CONNECTION	463 703 120 0
9	2	KIT	423 ... 2	22	1	TEST CONNECTION	463 703 115 0
8	2	BRAKE CHAMBER	423 ... 0	21	4	ABS-SENSOR	441 ... 0
7	1	DRAIN VALVE	934 300 001 0	20	1	24IN-CABLE	449 349 ... 0
6	2	HOSE CLAMP	451 989 ... 2	19	1	DIAGNOSTIC CABLE	449 611 ... 0
5	1	AIR RESERVOIR	950 ... 0	18	1	SUPPLY (POWER) CABLE	449 273 ... 0
4	1	TRAILER BRAKE VALVE	971 002 301 0	17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
3	1	DOUBLE RELEASE VALVE	963 001 05 0	16	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2	1	COUPLING-HEAD W.INT. LINE FILTER	952 201 ... 0	15	1	CABLE TO EBS-RV	449 429 ... 0
1	1	COUPLING-HEAD W.INT. LINE FILTER	952 201 ... 0	14	1	EBS-RELAY VALVE	480 207 0 ... 0

WABCO
 TRAILER - EBS E
 FOR 3-AXLES-TRAILER
 4S/3M
 OPTIONALLY RSS

Doc. Code: 841 601 236 0
 Language: EN
 Revision: 1/1

Part No.: 841 601 236 0
 Part Name: ABS-TRAILER
 Part No.: 4990



* NOT APPL CABLE FOR DISC-BRAKE
 ** OPTIONALLY
 *** OPTIONALLY FOR RSS

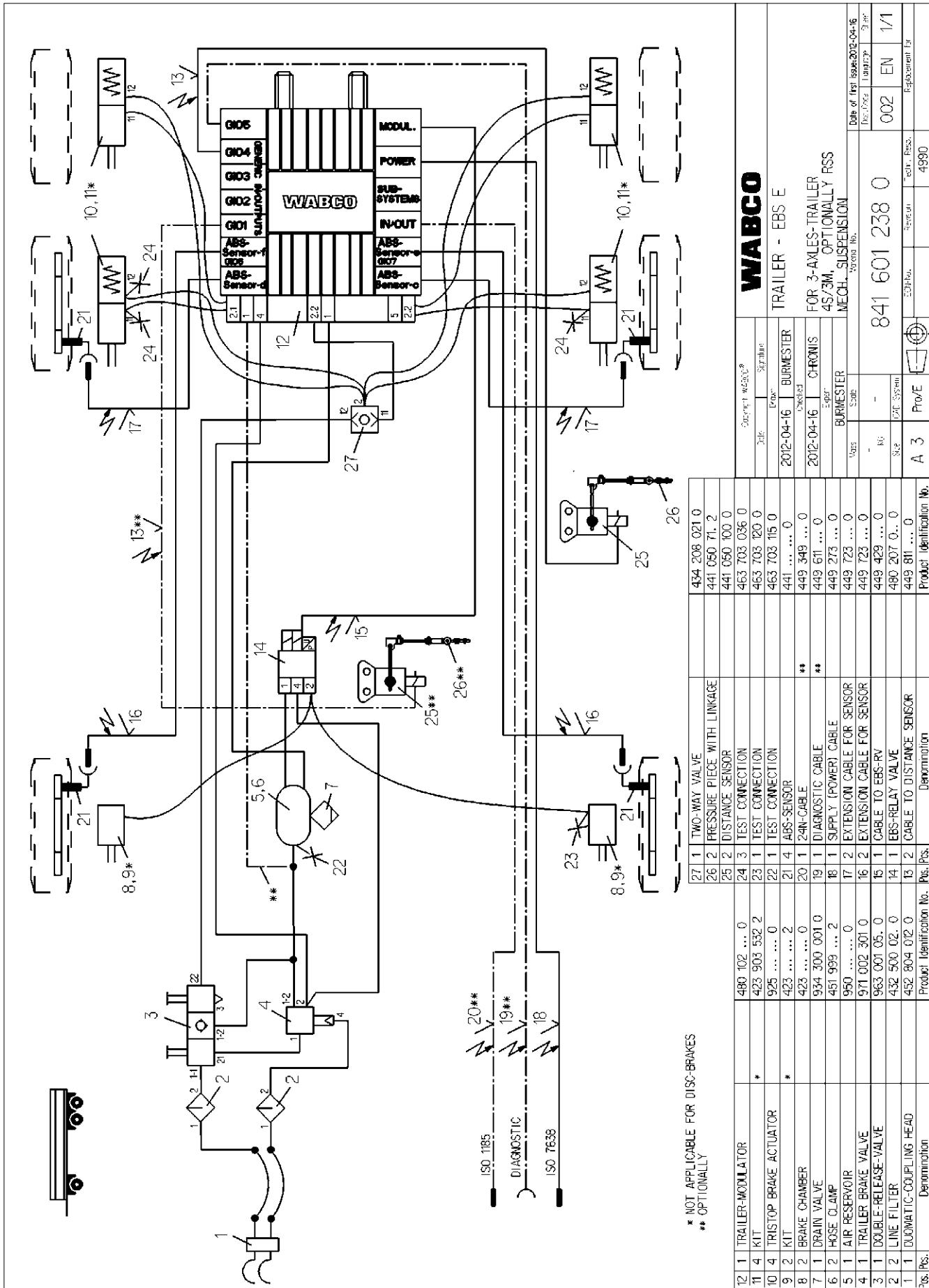
Cable No. WABCO		Description		Part No.	
13	1	449 812 ... 0	26	1	CHECK VALVE
12	1	480 102 ... 0	25	1	PRESSURE SENSOR
11	4	423 903 532 2	24	3	TEST CONNECTION
10	4	925 0	23	2	TEST CONNECTION
9	2	423 2	22	1	TEST CONNECTION
8	2	423 0	21	4	ABS-SENSOR
7	1	934 300 001 0	20	1	24IN-CABLE
6	2	451 999 ... 2	19	1	DIAGNOSTIC CABLE
5	1	960 0	18	1	SUPPLY (POWER) CABLE
4	1	463 034 005 0	17	2	EXTENSION CABLE FOR SENSOR
3	1	971 002 9... 0	16	2	EXTENSION CABLE FOR SENSOR
2	1	952 201 ... 0	15	1	CABLE TO EBS-RV
1	1	952 201 ... 0	14	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	13	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	12	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	11	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	10	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	9	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	8	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	7	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	6	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	5	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	4	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	3	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	2	1	EBS-RELA-SVENTIL
1	1	952 201 ... 0	1	1	EBS-RELA-SVENTIL

WABCO

TRAILER - EBS E

FOR 3-AXLES-TRAILER -RSS-4S/3M, WITH CHECK VALVE SUPPLY

Part No.	841 601 237 0
Revision	002
Issue	EN
Sheet	1/1
Product Identification No.	4990
Denomination	TRAILER - EBS E
Product Identification No.	4990
Denomination	TRAILER - EBS E
Product Identification No.	4990
Denomination	TRAILER - EBS E



* NOT APPLICABLE FOR DISC-BRAKES
 ** OPTIONALLY

WABCO

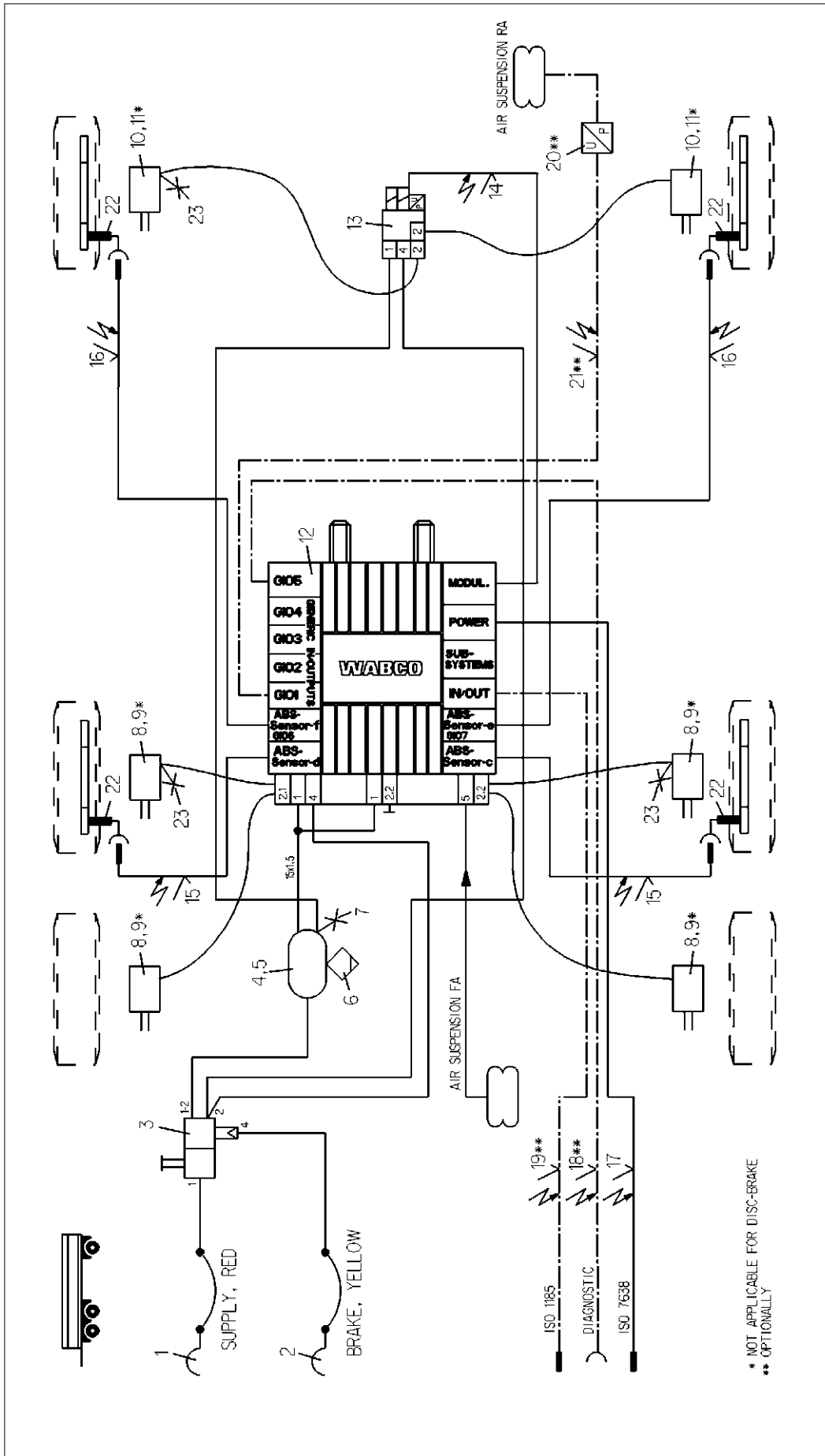
TRAILER - EBS E

FOR 3-AXLES-TRAILER
 4S/3M, OPTIONALLY RSS
 MECH. SUSPENSION

10000 No. **841 601 238 0**

Date of first issue: 2012-04-16
 Doc. No. EN 1/1
 Language

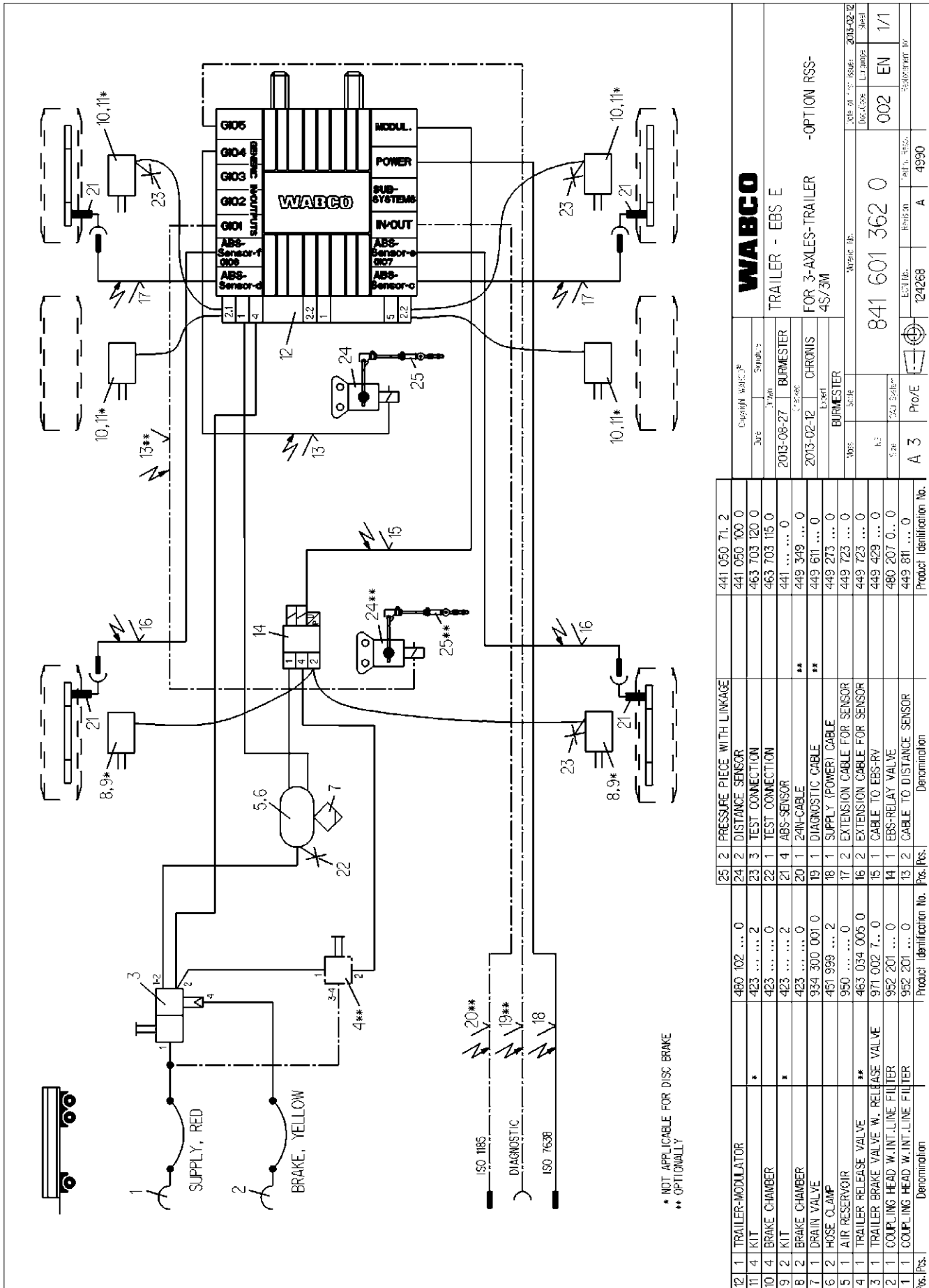
EOR-No. 4990
 ech. Resp. 4990

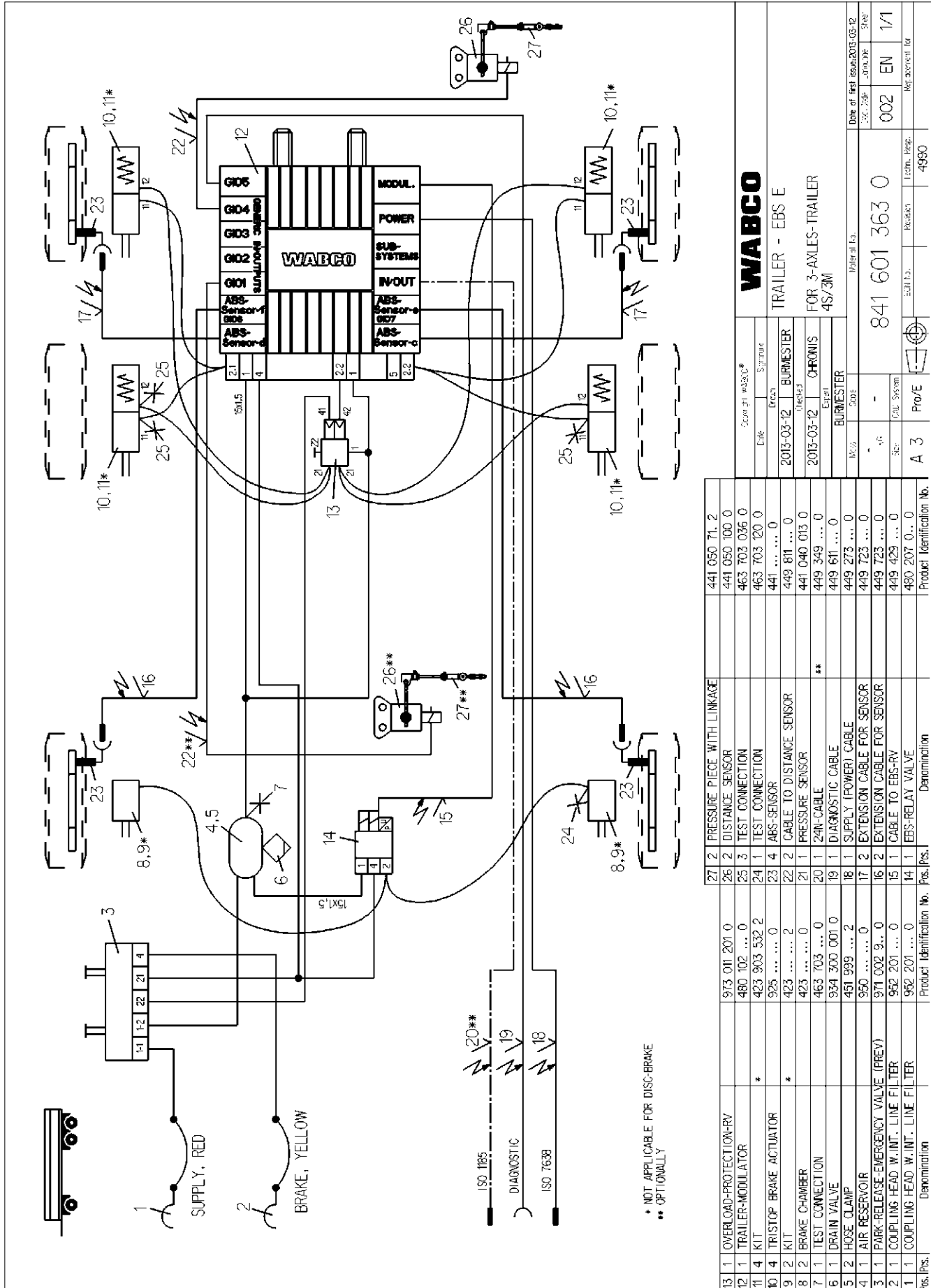


* NOT APPLICABLE FOR DISC-BRAKE
 ** OPTIONALLY

Part No.		Description		Quantity		Notes	
12	1	TRAILER-MODULATOR	480 102 ... 0	24			
11	2	KIT	423 ... 2	23	3	TEST CONNECTION	463 703 120 0
10	2	BRAKE CHAMBER	423 ... 2	22	4	ABS-SENSOR	441 ... 0
9	4	KIT	423 ... 2	21	1	CABLE TO PRESSURE SENSOR	**
8	4	BRAKE CHAMBER	423 ... 0	20	1	PRESSURE SENSOR	**
7	1	TEST CONNECTION	463 703 ... 0	19	1	24N-CABLE	**
6	1	DRAIN VALVE	934 300 001 0	18	1	DIAGNOSTIC CABLE	449 611 ... 0
5	2	HOSE CLAMP	451 999 ... 2	17	1	SUPPLY (POWER) CABLE	449 273 ... 0
4	1	AIR RESERVOIR	950 ... 0	16	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
3	1	TRAILER BRAKE VALVE W. RELEASE VALVE	971 002 703 0	15	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2	1	COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	14	1	CABLE TO EBS-RV	449 429 ... 0
1	1	COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	13	1	EBS-RELAY VALVE	480 207 0 ... 0
Pos./Pcs.		Denomination	Product Identification No.	Pos./Pcs.	Denomination	Product Identification No.	

WABCO	
TRAILER - EBS E	
FOR 3-AXLES-TRAILER	
4S/3M OPTIONAL RSS	
Part No.	841 601 360 0
Date of first issue	2015-01-08
Doc. Code	EN
Doc. Type	1/1
Req. Ref. for	4990



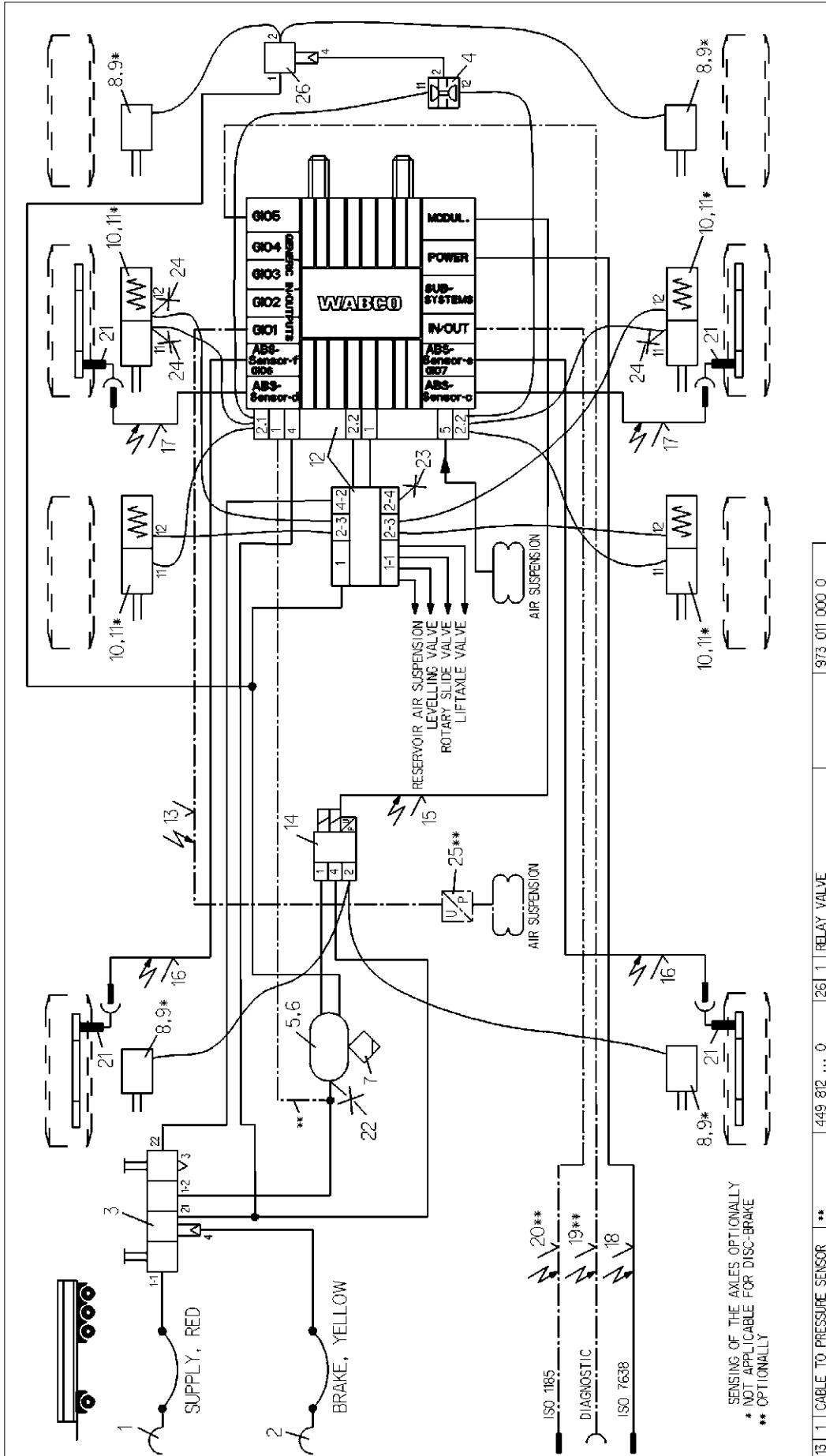


* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONAL

Pos. (Pos.)	Denomination	Product Identification No.	Pos. (Pos.)	Denomination	Product Identification No.	
13	OVERLOAD-PROTECTION-RV	973 011 201 0	27	2	PRESSURE PIECE WITH LINKAGE	441 050 71- 2
12	TRAILER-MODULATOR	480 102 ... 0	26	2	DISTANCE SENSOR	441 050 100 0
11	4 KIT	423 903 532 2	25	3	TEST CONNECTION	463 703 036 0
10	4 TRISTOP BRAKE ACTUATOR	925 0	24	1	TEST CONNECTION	463 703 120 0
9	2 KIT	423 2	23	4	ABS-SENSOR	441 0
8	2 BRAKE CHAMBER	423 0	22	2	CABLE TO DISTANCE SENSOR	449 811 ... 0
7	1 TEST CONNECTION	463 703 ... 0	21	1	PRESSURE SENSOR	441 040 013 0
6	1 DRAIN VALVE	924 300 001 0	20	1	24N-CABLE	449 349 ... 0
5	2 HOSE CLAMP	451 999 ... 2	19	1	DIAGNOSTIC CABLE	449 611 ... 0
4	1 AIR RESERVOIR	950 0	18	1	SUPPLY (POWER) CABLE	449 723 ... 0
3	1 PARK-RELEASE-EMERGENCY VALVE (PREV)	971 002 9... 0	17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2	1 COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	16	2	EXTENSION CABLE FOR SENSOR	449 429 ... 0
1	1 COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	15	1	CABLE TO EBS-RV	480 207 ... 0
			14	1	EBS-RELAY VALVE	

WABCO	
TRAILER - EBS E	
FOR 3-AXLES-TRAILER	
4S/3M	
Part no.:	841 601 363 0
Rev.:	002
Date of first issue:	2013-03-12
Part no.:	841 601 363 0
Rev.:	002
Date of first issue:	2013-03-12

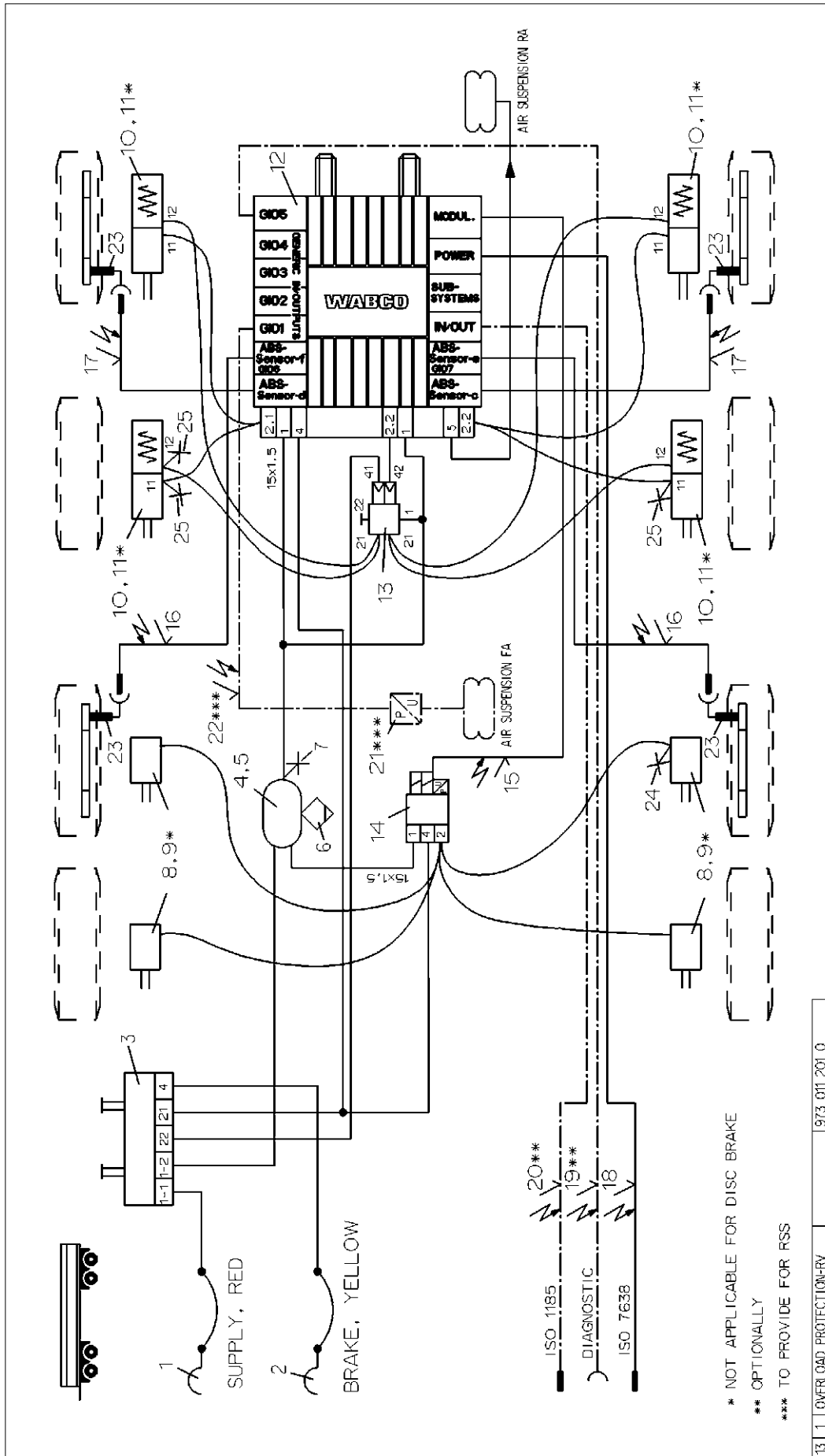
Pos. (Pos.)	A 3	Pro/E	4990
Denomination	841 601 363 0	Revision	002
Product Identification No.	841 601 363 0	Form. Resp.	EN
		Part no.	1/1



SENSING OF THE AXLES OPTIONALLY
 * NOT APPLICABLE FOR DISC-BRAKE
 ** OPTIONALLY

Cuts		Signals	
2012-09-27	BURMESTER	2012-08-27	CHRONIS
<p>WABCO TRAILER - EBE E FOR 4-AXLES-TRAILER 4S/3M NLLA SELECT LOW</p>			
Part No.		841 601 198 0	
Rev. No.		002 EN 1/1	
Date of first issue: 2012-08-27		Date of first issue: 2012-08-27	
Doc. No.		Doc. No.	
Shed		Shed	
Rev. No.		Rev. No.	
Part. Reg.		Part. Reg.	
4990		4990	

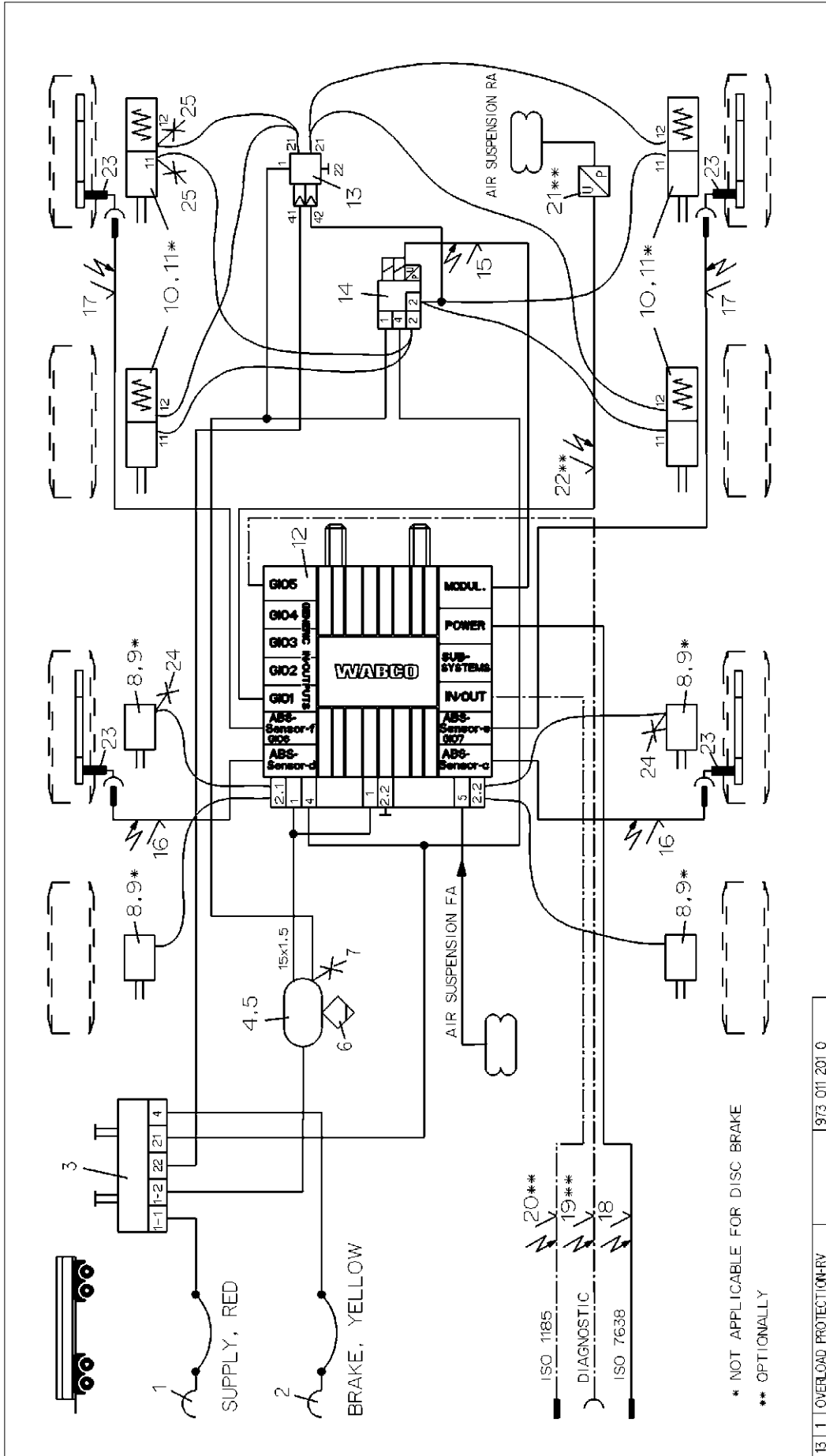
Fig. Pos.	Denomination	Product Identification No.	Pos. Pos.	Denomination	Product Identification No.
13	1 CABLE TO PRESSURE SENSOR	**	26	1 RELAY VALVE	973 011 000 0
12	1 TRAILER-MODULATOR	**	25	1 PRESSURE SENSOR	441 040 013 0
11	4 KIT	*	24	3 TEST CONNECTION	463 703 036 0
10	4 TRISTOP BRAKE ACTUATOR	*	23	2 TEST CONNECTION	463 703 120 0
9	4 KIT	*	22	1 TEST CONNECTION	463 703 115 0
8	4 BRAKE CHAMBER	*	21	4 ABS-SENSOR	441 0
7	1 DRAIN VALVE	*	20	1 24N-CABLE	449 349 ... 0
6	2 HOSE CLAMP	*	19	1 DIAGNOSTIC CABLE	449 611 ... 0
5	1 RESERVOIR	*	18	1 SUPPLY (POWER) CABLE	449 273 ... 0
4	1 DOUBLE SHUT-OFF VALVE	*	17	2 EXTENSION CABLE FOR SENSOR	449 723 ... 0
3	1 PARK-RELEASE-EMERG.VALVE (PREV)	*	16	2 EXTENSION CABLE FOR SENSOR	449 723 ... 0
2	1 COUPLING HEAD W. INT. LINE FILTER	*	15	1 CABLE TO EBS-RV	449 429 ... 0
1	1 COUPLING HEAD W. INT. LINE FILTER	*	14	1 EBS-RELAY VALVE	480 207 0... 0



* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONALLY
 *** TO PROVIDE FOR RSS

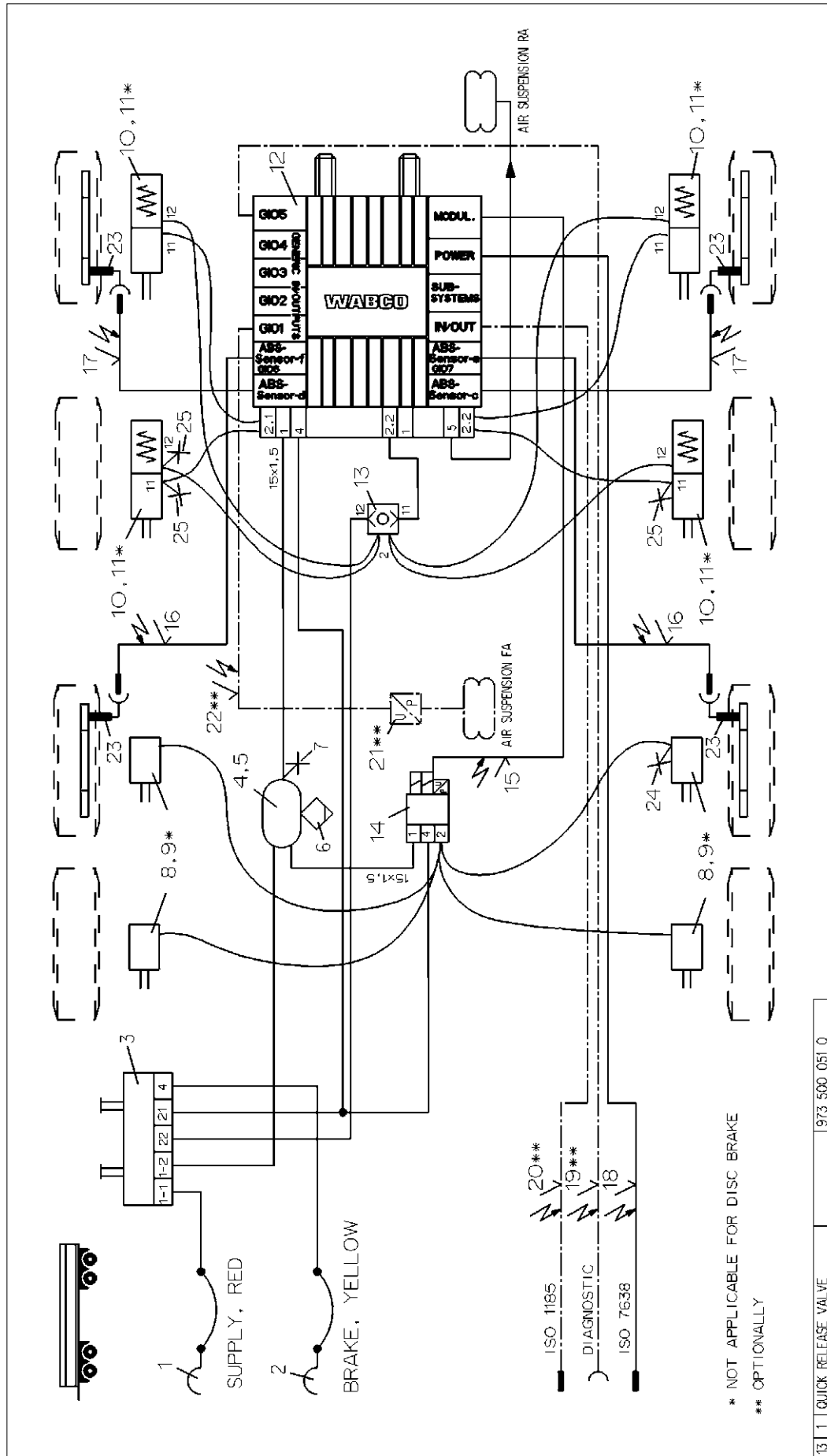
Product Identification No.		Denomination	
13	1 OVERLOAD PROTECTION-RV	973 011 201 0	
12	1 TRAILER-MODULATOR	480 102 ... 0	
11	4 KIT	423 903 532 2	*
10	4 TRISTOP BRAKE ACTUATOR	925 0	
9	4 KIT	423 2	*
8	4 BRAKE CHAMBER	423 0	
7	1 TEST CONNECTION	463 703 ... 0	
6	1 DRAIN VALVE	934 300 001 0	
5	1 HOSE CLAMP	451 999 ... 2	
4	1 RESERVOIR	950 0	
3	1 PARK-RELEASE-EMERG. VALVE (PREV.)	971 002 9... 0	
2	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	
1	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	
Pos./Pos.	Denomination	Product Identification No.	Pos./Pos.
A 3	Pro/E	841 601 240 0	
			4990

WABCO	
2010-11-09	BURMESTER
2010-11-09	CHRONIS
4S/3N	WV. RSS
FOR 4-AXLES-TRAILER	
TRAILER - EBS E	
Date of first issue: 2010-11-09	
002	EN
1/1	1/1



* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONALLY

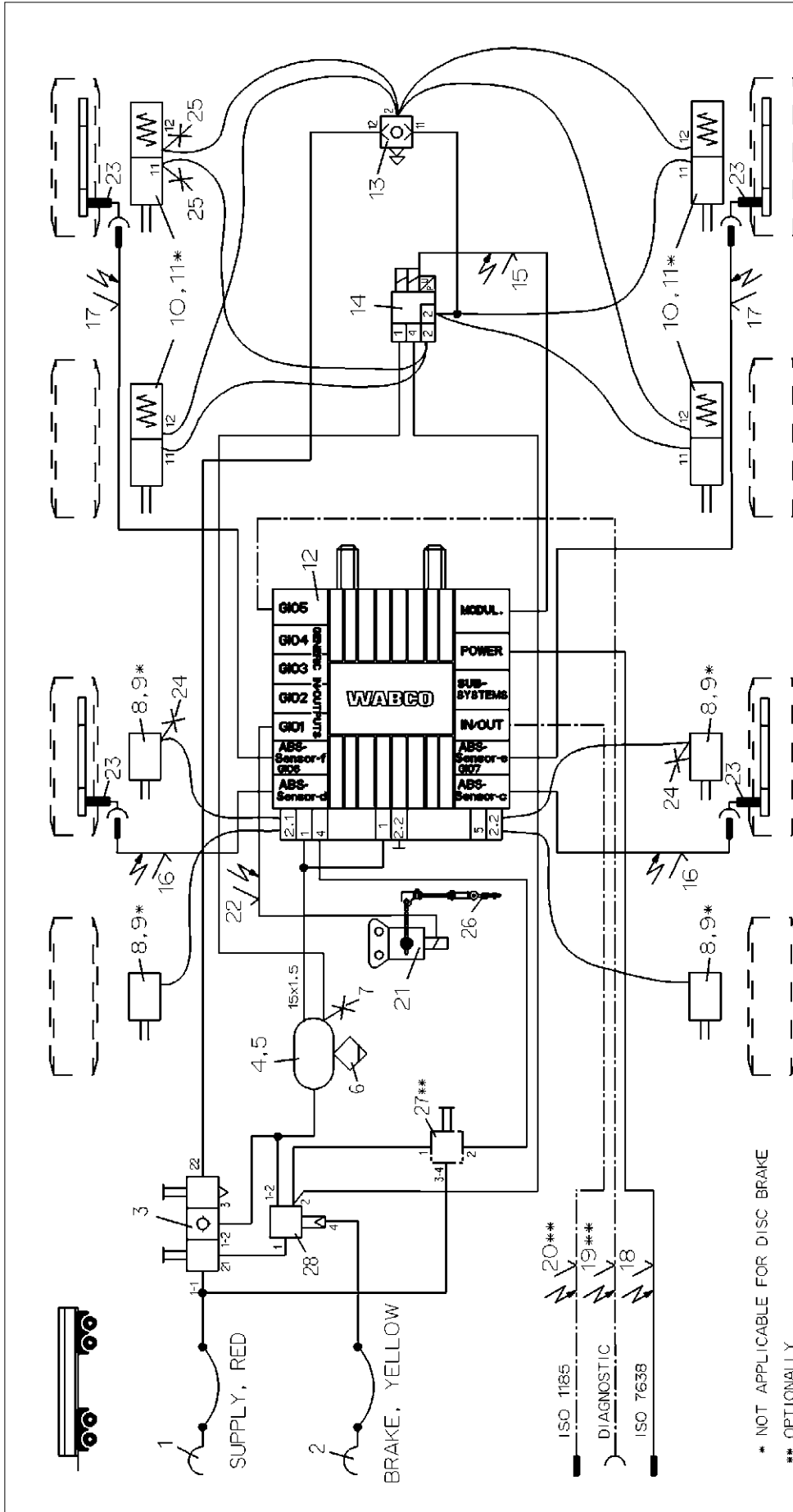
Product Wabco		WABCO	
Date	Signature	TRAILER - EBS E	
2010-11-09	BURMESTER	4-AXLES-TRAILER	
2010-11-09	CHRONIS	4S/3M, AIR SUSPENSION WW, RSS	
Type		System No.	
- RA		841 601 241 0	
- SR		Date of first issue: 2010-11-09	
- SR		Date of issue: 2010-11-09	
A 3		EBS-System	
ProvE		EBS-System	
4990		EBS-System	
Product Identification No.		Product Identification No.	
973 011 201 0	25 1	463 703 036 0	463 703 036 0
480 102 ... 0	25 2	463 703 120 0	463 703 120 0
423 903 532 2	24 1	441 ... 0	441 ... 0
925 ... 0	23 1	449 812 ... 0	449 812 ... 0
423 ... 0	22 1	441 040 013 0	441 040 013 0
423 ... 0	21 1	449 349 ... 0	449 349 ... 0
934 300 001 0	20 1	449 611 ... 0	449 611 ... 0
451 999 ... 2	19 1	449 273 ... 0	449 273 ... 0
463 703 ... 0	18 1	449 723 ... 0	449 723 ... 0
971 002 9... 0	17 2	449 723 ... 0	449 723 ... 0
952 201 ... 0	16 2	449 429 ... 0	449 429 ... 0
952 201 ... 0	15 1	480 207 0... 0	480 207 0... 0
952 201 ... 0	14 1	Product Identification No.	Product Identification No.
Denomination	Denomination	Pos. Pos.	Denomination



* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONALLY

Product Identification No.		Denomination		Product Identification No.		Denomination	
Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.	Pos.
13	1	973 500 051 0	QUICK RELEASE VALVE	25	3	463 703 036 0	TEST CONNECTION
12	1	480 102 ... 0	TRAILER-MODULATOR	24	1	463 703 120 0	TEST CONNECTION
11	4	423 903 532 2	KIT	23	4	441 ... 0	ABS-SENSOR
10	4	925 ... 0	TRISTOP BRAKE ACTUATOR	22	1	449 812 ... 0	CABLE TO PRESSURE SENSOR
9	4	423 ... 0	KIT	21	1	441 040 013 0	PRESSURE SENSOR
8	4	423 ... 0	BRAKE CHAMBER	20	1	449 349 ... 0	24V-CABLE
7	1	463 703 ... 0	TEST CONNECTION	19	1	449 723 ... 0	DIAGNOSTIC CABLE
6	1	934 300 001 0	DRAIN VALVE	18	1	449 723 ... 0	SUPPLY (POWER) CABLE
5	2	451 999 ... 2	HOSE CLAMP	17	2	449 723 ... 0	EXTENSION CABLE FOR SENSOR
4	1	950 ... 0	RESERVOIR	16	2	449 723 ... 0	PARK-RELEASE-EMERG. VALVE (PREV)
3	1	971 002 9... 0	PARK-RELEASE-EMERG. VALVE (PREV)	15	1	449 429 ... 0	EXTENSION CABLE FOR SENSOR
2	1	952 201 ... 0	COUPLING HEAD W. INT. LINE FILTER	14	1	480 207 0... 0	CABLE TO EBS-RV
1	1	952 201 ... 0	COUPLING HEAD W. INT. LINE FILTER	13	1	480 207 0... 0	EBS-RELAY VALVE
Pos.	Pos.	Product Identification No.	Denomination	Pos.	Pos.	Product Identification No.	Denomination

WABCO		Drawn	Checked	Released	Approved
TRAILER - EBS E		2010-11-09	BURMESTER	2010-11-09	CHRONIS
FOR 4-AXLES-TRAILER		BURNESTER		BURNESTER	
4S/3M WW, RSS		Date of first issue: 2010-11-09			
841 601 242 0		EBS-RV		EBS-RV	
002 EN 1/1		Revision		Revision	
4990		4990		4990	



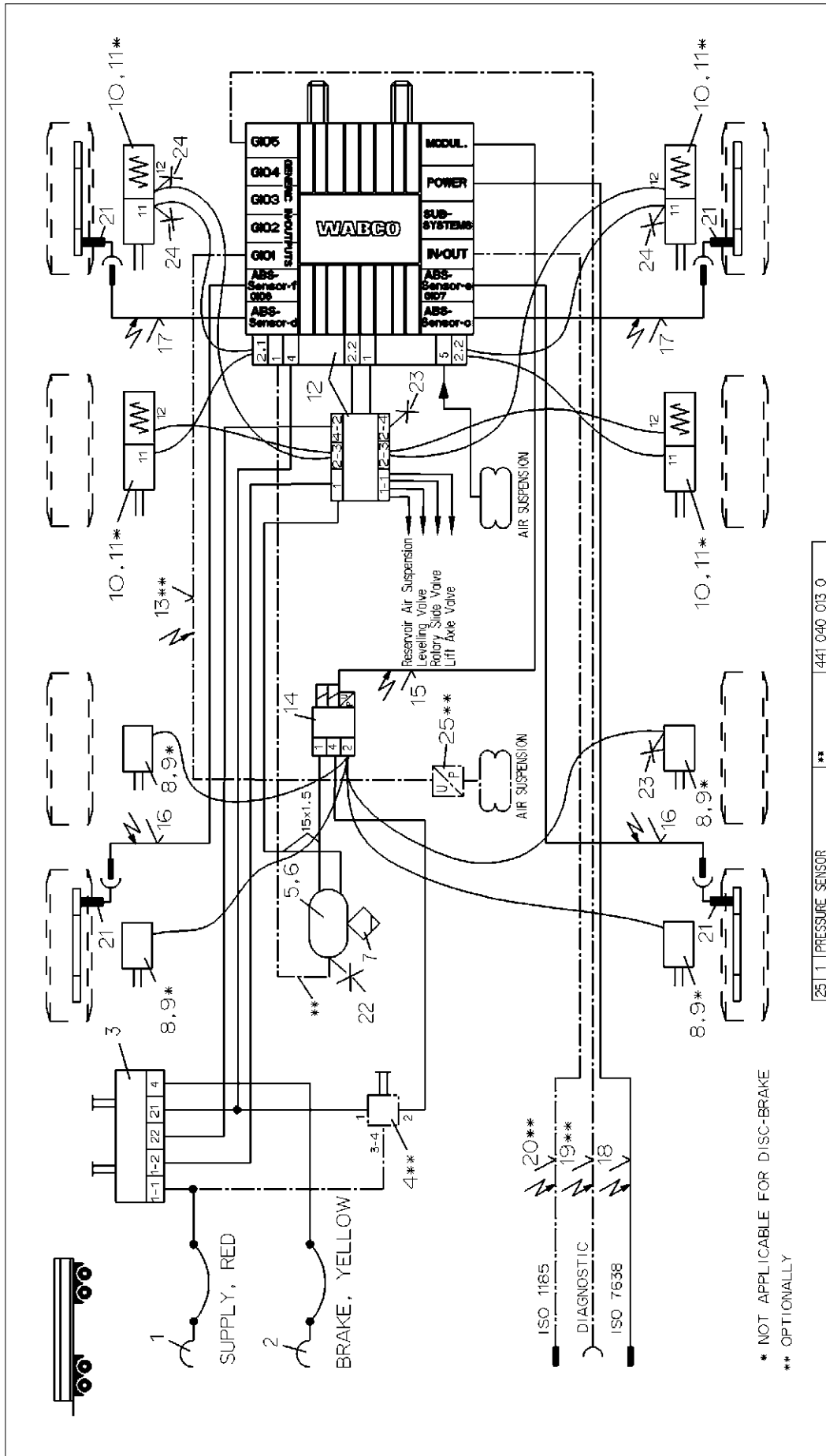
* NOT APPLICABLE FOR DISC BRAKE

** OPTIONALLY

14	1	EBS-RELAY VALVE	480 207 0... 0	28	1	TRAILER BRAKE VALVE	971 002 301 0
13	1	TWO WAY-RELEASE VALVE	973 500 061 0	27	1	TRAILER RELEASE VALVE	463 034 005 0
12	1	TRAILER-MODULATOR	480 102 ... 0	26	1	PUSH ROD WITH LINKAGE	441 050 71... 2
11	4	KIT	423 903 532 2	25	2	TEST CONNECTION	463 703 036 0
10	4	TRISTOP BRAKE ACTUATOR	925 0	24	2	TEST CONNECTION	463 703 020 0
9	4	KIT	423 0	23	4	ABS-SENSOR	441 0
8	4	BRAKE CHAMBER	423 0	22	1	CABLE TO DISTANCE SENSOR	449 811 ... 0
7	1	TEST CONNECTION	463 703 ... 0	21	1	DISTANCE SENSOR	441 050 600 0
6	1	DRAIN VALVE	934 300 001 0	20	1	24H-CABLE	449 349 ... 0
5	2	HOSE CLAMP	451 999 ... 2	19	1	DIAGNOSTIC CABLE	449 611 ... 0
4	1	RESERVOIR	950 0	18	1	SUPPLY (POWER) CABLE	449 273 ... 0
3	1	DOUBLE RELEASE VALVE	963 001 05... 0	17	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2	1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	16	2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
1	1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	15	1	CABLE TO EBS-RV	449 429 ... 0

Pos. (Pos.)	Denomination	Product identification No.	Pos. (Pos.)	Denomination	Product identification No.

		TRAILER - EBS E	
2010-11-09 BURMESTER		2010-11-09 CHRONIS	
2010-11-09 BURMESTER		BURMESTER	
Date of first issue: 2010-11-09	Part No.	Date of first issue: 2010-11-09	Part No.
002	841 601 243 0	002	EN
1/1	4990	1/1	4990

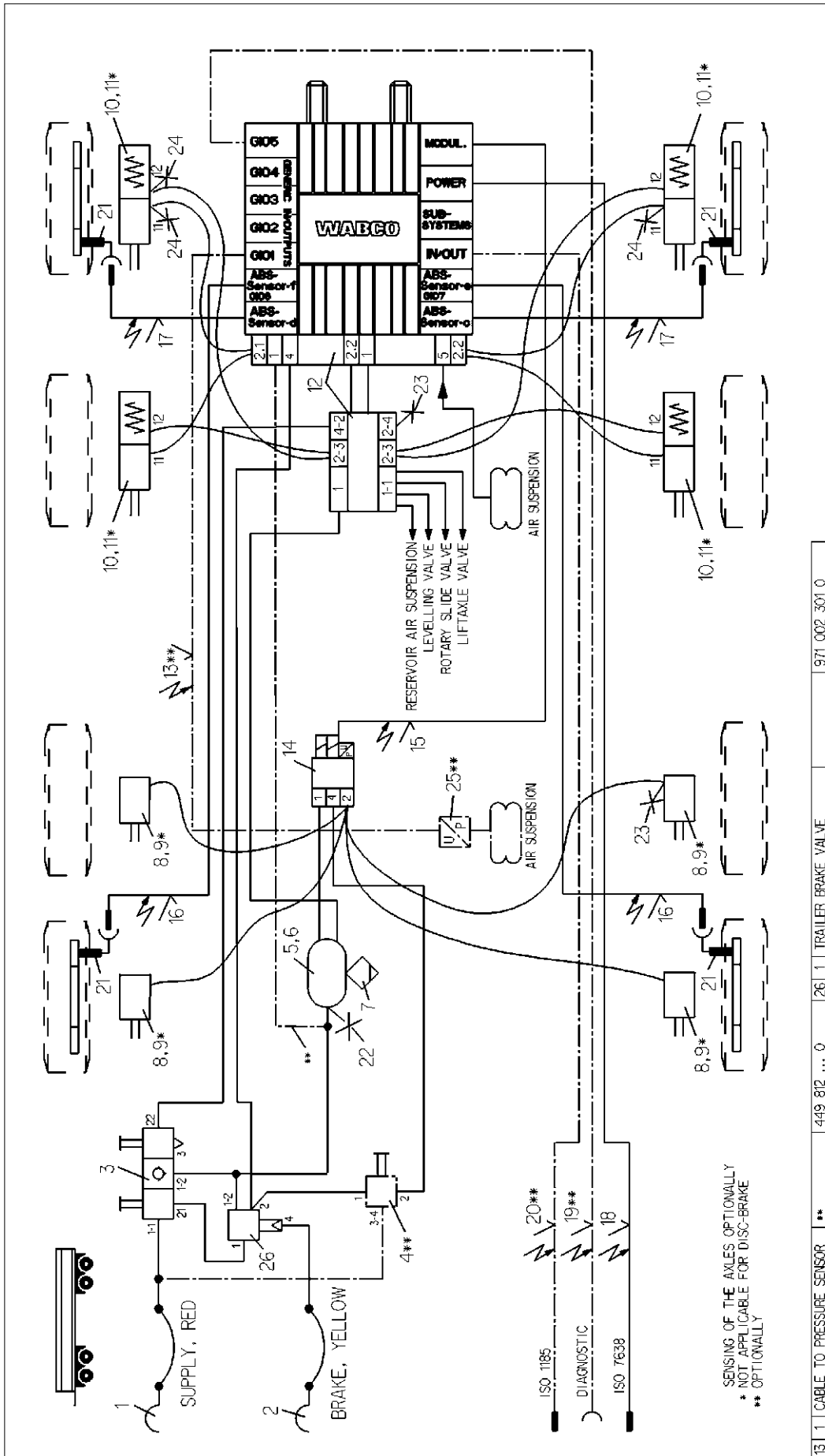


* NOT APPLICABLE FOR DISC-BRAKE
 ** OPTIONALLY

Part No.		Description		Product Identification No.	
Fig. Pos.	Denomination	Pos. Pos.	Denomination	Pos. Pos.	Denomination
12	1 TRAILER-MODULATOR	441 040 013 0	**	25	1 PRESSURE SENSOR
11	4 KIT	463 703 036 0		24	3 TEST CONNECTION
10	4 TRISTOP BRAKE ACTUATOR	463 703 120 0		23	2 TEST CONNECTION
9	4 KIT	463 703 115 0		22	1 TEST CONNECTION
8	4 BRAKE CHAMBER	441 0		21	4 ABS-SENSOR
7	1 DRAIN VALVE	449 349 ... 0	**	20	1 24N-CABLE
6	2 HOSE CLAMP	449 611 ... 0	**	19	1 DIAGNOSTIC CABLE
5	1 AIR RESERVOIR	449 273 ... 0		18	1 SUPPLY (POWER) CABLE
4	1 TRAILER RELEASE VALVE	449 723 ... 0		17	2 EXTENSION CABLE FOR SENSOR
3	1 PARK-RELEASE-EMERGENCY VALVE (PREV)	449 723 ... 0		16	2 EXTENSION CABLE FOR SENSOR
2	1 COUPLING HEAD W. INT. LINE FILTER	449 429 ... 0		15	1 CABLE TO EBS-RV
1	1 COUPLING HEAD W. INT. LINE FILTER	480 207 0... 0		14	1 EBS-RELAY VALVE
		449 812 ... 0	**	13	1 CABLE TO PRESSURE SENSOR
				12	11 CABLE TO PRESSURE SENSOR
				11	11 CABLE TO PRESSURE SENSOR
				10	11 CABLE TO PRESSURE SENSOR
				9	11 CABLE TO PRESSURE SENSOR
				8	11 CABLE TO PRESSURE SENSOR
				7	11 CABLE TO PRESSURE SENSOR
				6	11 CABLE TO PRESSURE SENSOR
				5	11 CABLE TO PRESSURE SENSOR
				4	11 CABLE TO PRESSURE SENSOR
				3	11 CABLE TO PRESSURE SENSOR
				2	11 CABLE TO PRESSURE SENSOR
				1	11 CABLE TO PRESSURE SENSOR

WABCO
 TRAILER - EBS E
 FOR 4-AXLES-TRAILER
 4S/3M, OPTIONALLY RSS

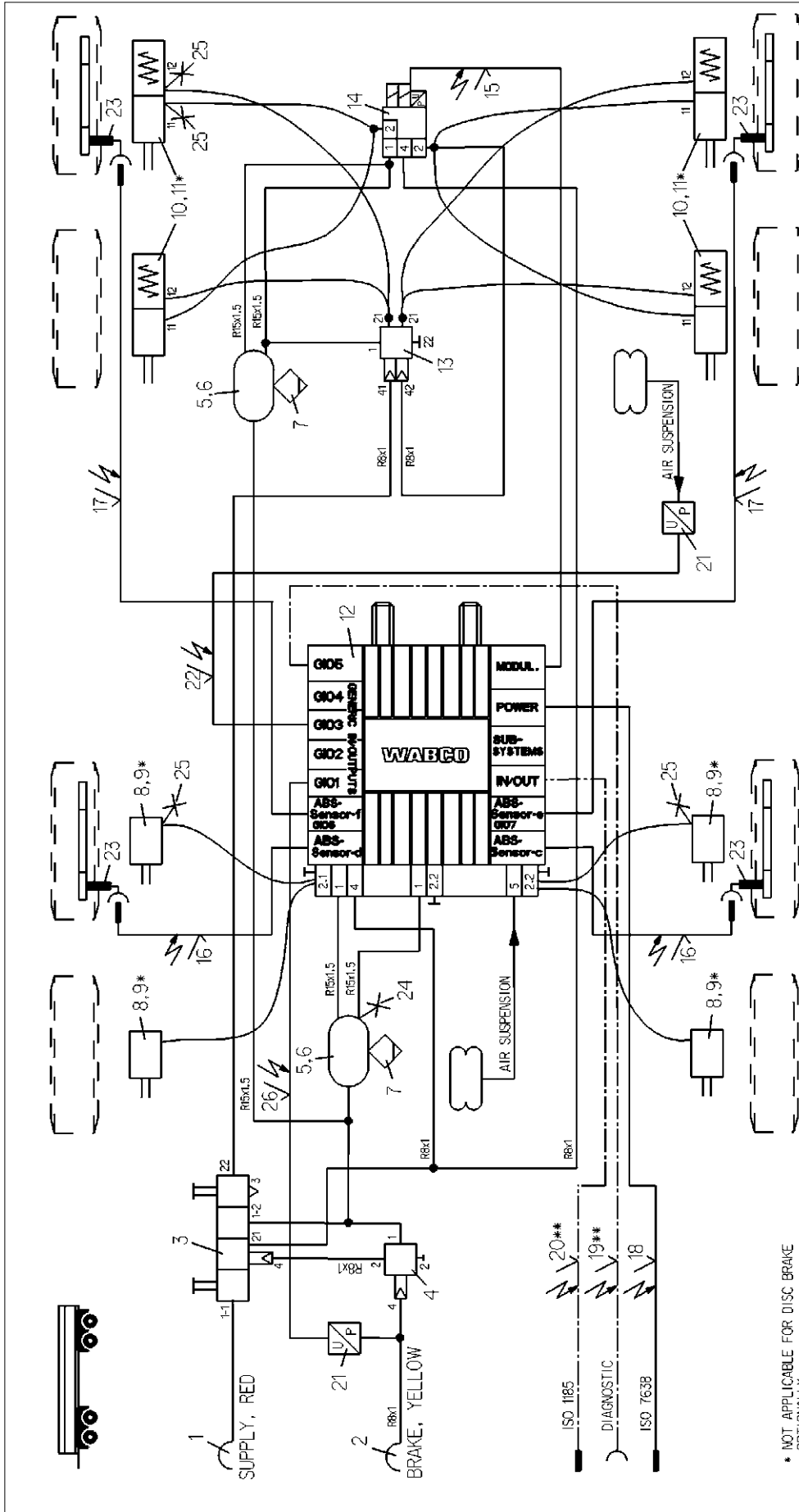
Date of Iss.:	2009-02-02
Doc. Code:	00000P
Page:	1/1
Part No.:	841 601 244 0
Revision:	EN
Req. Ref. No.:	4990



SENSING OF THE AXLES, OPTIONALLY
 * NOT APPLICABLE FOR DISC-BRAKE
 ** OPTIONALLY

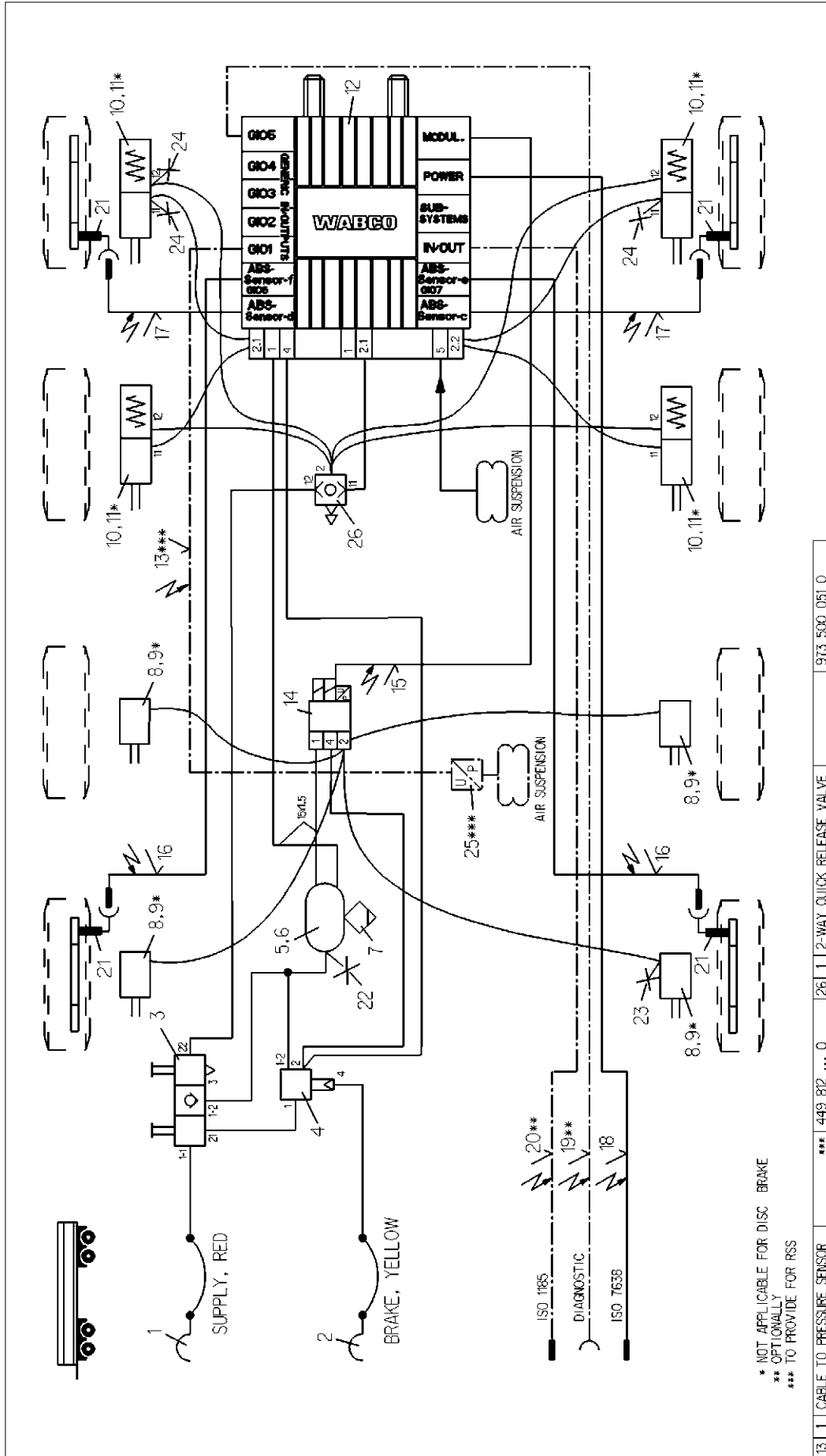
Example Wabco®		Subtype		Date of issue		Title of the drawing	
Part No.	Part Name	Year	Month	Year	Month	Revision	Scale
2010-11-03	BURMESTER	2010-11-03	BURMESTER	2010-11-03	CHRONIS		
2010-11-03	CHRONIS	2010-11-03	CHRONIS	2010-11-03	BURMESTER		
Part No.		Part Name		Date of issue		Title of the drawing	
841 601 247 0		TRAILER - EBE E		2010-11-03		FOR 4-AXLES-TRAILER 4S/3M	
Part No.		Part Name		Date of issue		Title of the drawing	
A 3		Pro/E		2010-11-03		841 601 247 0	
Part No.		Part Name		Date of issue		Title of the drawing	
4990		4990		2010-11-03		841 601 247 0	

Fig. No.	Denomination	Product Identification No.	Pos. No.	Denomination	Product Identification No.
13	CABLE TO PRESSURE SENSOR	449 812 ... 0	26 1	TRAILER BRAKE VALVE	971 002 301 0
12	TRAILER-MODULATOR	480 102 ... 0	25 1	PRESSURE SENSOR	441 040 013 0
11	KIT	423 903 532 2	24 3	TEST CONNECTION	463 703 036 0
10	TRISTOP BRAKE ACTUATOR	925 ... 0 ... 2	23 2	TEST CONNECTION	463 703 120 0
9	KIT	423 ... 0 ... 2	22 1	TEST CONNECTION	463 703 115 0
8	BRAKE CHAMBER	423 ... 0 ... 0	21 4	ABS-SENSOR	441 ... 0 ... 0
7	DRAIN VALVE	934 300 001 0	20 1	24V-CABLE	449 349 ... 0
6	HOSE CLAMP	451 999 ... 2	19 1	DIAGNOSTIC CABLE	449 611 ... 0
5	RESERVOIR	950 ... 0 ... 0	18 1	SUPPLY (POWER) CABLE	449 273 ... 0
4	TRAILER RELEASE VALVE	463 034 005 0	17 2	EXTENSION CALBE FOR SENSOR	449 123 ... 0
3	DOUBLE RELEASE VALVE	963 001 05 0	16 2	EXTENSION CALBE FOR SENSOR	449 123 ... 0
2	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	15 1	CABLE TO EBS-RV	449 429 ... 0
1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	14 1	EBS-RELAY VALVE	480 207 0 ... 0



* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONALLY

13	OVERLOAD-PROTECTION-RV	973 011 201 0		449 812 030 0
12	TRAILER-MODULATOR	480 102 ... 0	25 4	463 703 ... 0
11	KIT	423 903 532 2	24 1	463 703 ... 0
10	TRISTOP BRAKE ACTUATOR	925 0	23 4	441 0
9	KIT	423 2	22 1	449 812 100 0
8	BRAKE CHAMBER	423 0	21 2	441 044 102 0
7	DRAIN VALVE	934 300 001 0	20 1	449 349 ... 0
6	HOSE CLAMP	451 999 ... 2	19 1	449 611 ... 0
5	AIR RESERVOIR	950 0	18 1	449 273 ... 0
4	RELAY VALVE	973 011 0... 0	17 2	449 723 ... 0
3	PARK-RELEASE-EMERG.-VALVE (PREV)	971 002 9... 0	16 2	449 723 ... 0
2	COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	15 1	449 429 ... 0
1	COUPLING HEAD W.INT. LINE FILTER	952 201 ... 0	14 1	480 207 0... 0
Pos./Pos.	Denomination	Product Identification No.	Pos./Pos.	Denomination
			A 3	Pro/E
				4990
				HWR 00454
WABCO				
TRAILER - EBS E				
4-AXLES-TRAILER				
4S/3M, RSS-FUNCTION (AIR SUSPENSION) AND				
ADDITIONAL RELAY VALVE IN CONTROL LINE				
(Internal No.)				
841 601 350 0				
DATE OF FIRST ISSUE: 2011-03-29				
Dwg. Code: 1104079				
Dwg. No. EN 1/1				



* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONAL
 *** TO PROVIDE FOR RSS

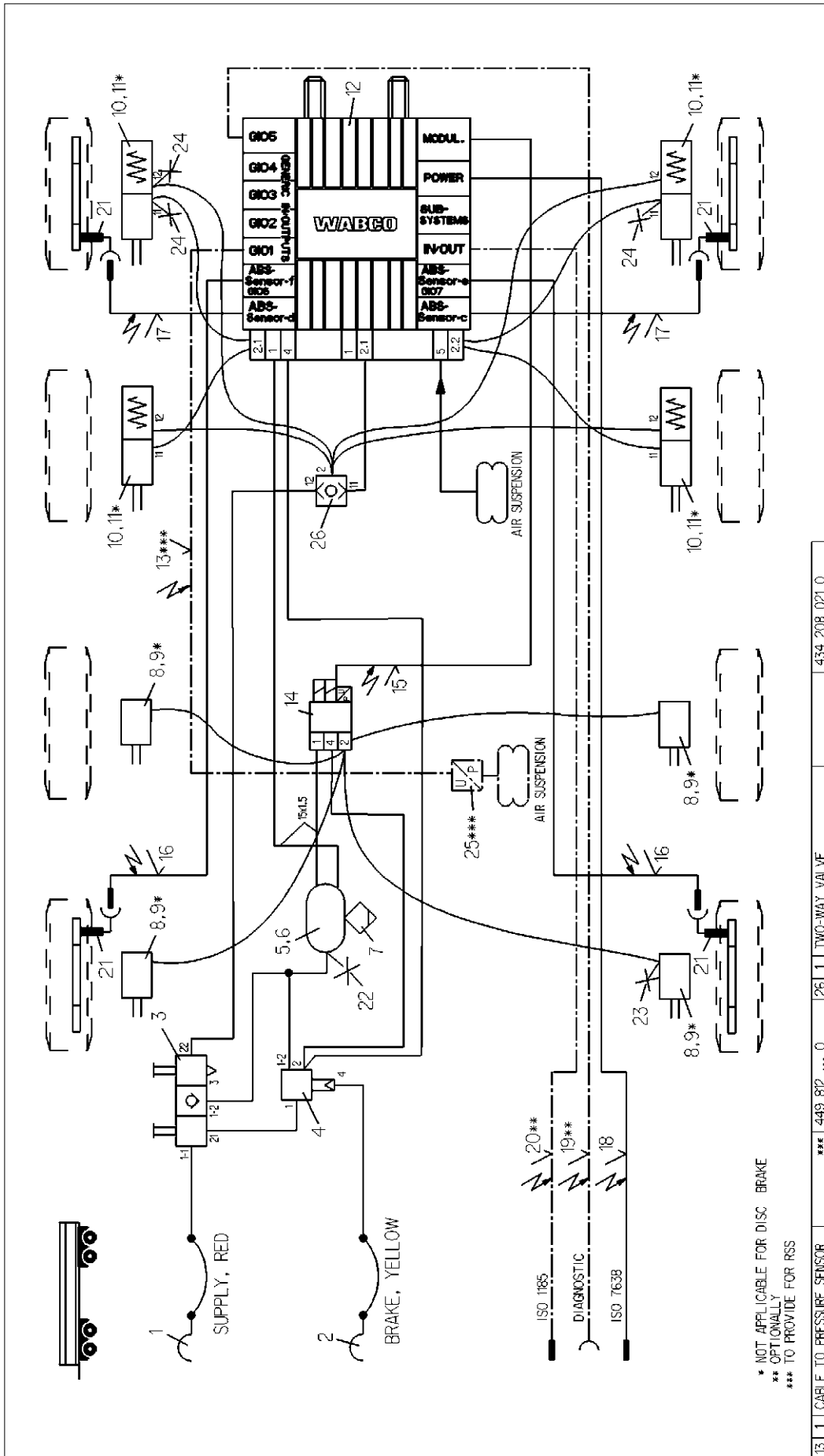
Pos. Pos.	Denomination	Product Identification No.	Pos. Pos.	Denomination	Product Identification No.
13	1	CABLE TO PRESSURE SENSOR	26	1	2-WAY QUICK RELEASE VALVE
12	1	EBS-MODULATOR	25	1	PRESSURE SENSOR
11	4	KIT	24	3	TEST CONNECTION
10	4	TRISTOP BRAKE ACTUATOR	23	1	TEST CONNECTION
9	4	KIT	22	1	TEST CONNECTION
8	4	BRAKE CHAMBER	21	4	ABS-SENSOR
7	4	DRAIN VALVE	20	1	2-IN-CABLE
6	2	HOSE CLAMP	19	1	DIAGNOSTIC CABLE
5	1	AIR RESERVOIR	18	1	SUPPLY (POWER) CABLE
4	1	TRAILER BRAKE VALVE	17	2	EXTENSION CABLE FOR SENSOR
3	1	DOUBLE RELEASE VALVE	16	2	EXTENSION CABLE FOR SENSOR
2	1	COUPLING HEAD W.INT. LINE FILTER	15	1	CABLE TO EBS-RV
1	1	COUPLING HEAD W.INT. LINE FILTER	14	1	EBS-RELAY VALVE

449 812 ... 0	973 500 051 0
480 102 ... 0	441 040 013 0
423 903 532 2	463 703 036 0
925 ... 0	463 703 120 0
423 ... 2	463 703 115 0
423 ... 0	441 ... 0
934 300 001 0	449 349 ... 0
451 989 ... 2	449 611 ... 0
950 ... 0	449 273 ... 0
971 002 301 0	449 123 ... 0
963 001 05. 0	449 123 ... 0
952 201 ... 0	449 429 ... 0
952 201 ... 0	480 207 0... 0

***	449 812 ... 0	973 500 051 0
*	423 903 532 2	463 703 036 0
*	423 ... 2	463 703 120 0
	423 ... 0	441 ... 0
	934 300 001 0	449 349 ... 0
	451 989 ... 2	449 611 ... 0
	950 ... 0	449 273 ... 0
	971 002 301 0	449 123 ... 0
	963 001 05. 0	449 123 ... 0
	952 201 ... 0	449 429 ... 0
	952 201 ... 0	480 207 0... 0

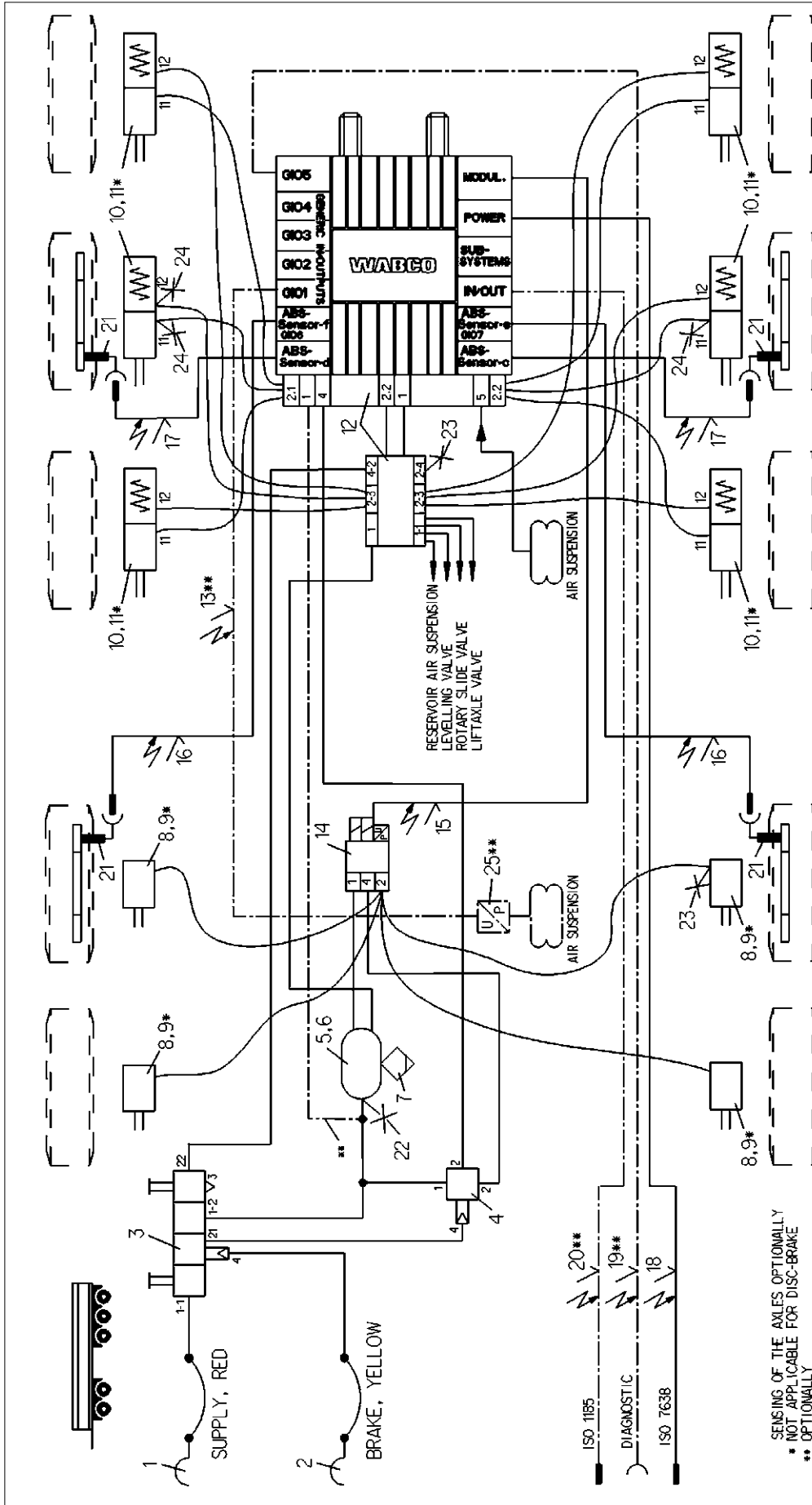
Example WABCO®	Example WABCO®
Year	Year
2011-07-06	2011-07-06
Scale	Scale
2011-07-06	2011-07-06
Model	Model
BURMESTER	BURMESTER
Scale	Scale
449 611 ... 0	449 611 ... 0
449 273 ... 0	449 273 ... 0
449 123 ... 0	449 123 ... 0
449 123 ... 0	449 123 ... 0
449 429 ... 0	449 429 ... 0
480 207 0... 0	480 207 0... 0

WABCO	WABCO
TRAILER - EBS E	TRAILER - EBS E
FOR 4-AXLES-TRAILER	FOR 4-AXLES-TRAILER
4S/3M	4S/3M
OPTIONALLY RSS	OPTIONALLY RSS
Model No.	Model No.
841 601 351 0	841 601 351 0
Rev. No.	Rev. No.
002	002
EN	EN
1/1	1/1



* NOT APPLICABLE FOR DISC BRAKE
 ** OPTIONALLY
 *** TO PROVIDE FOR RSS

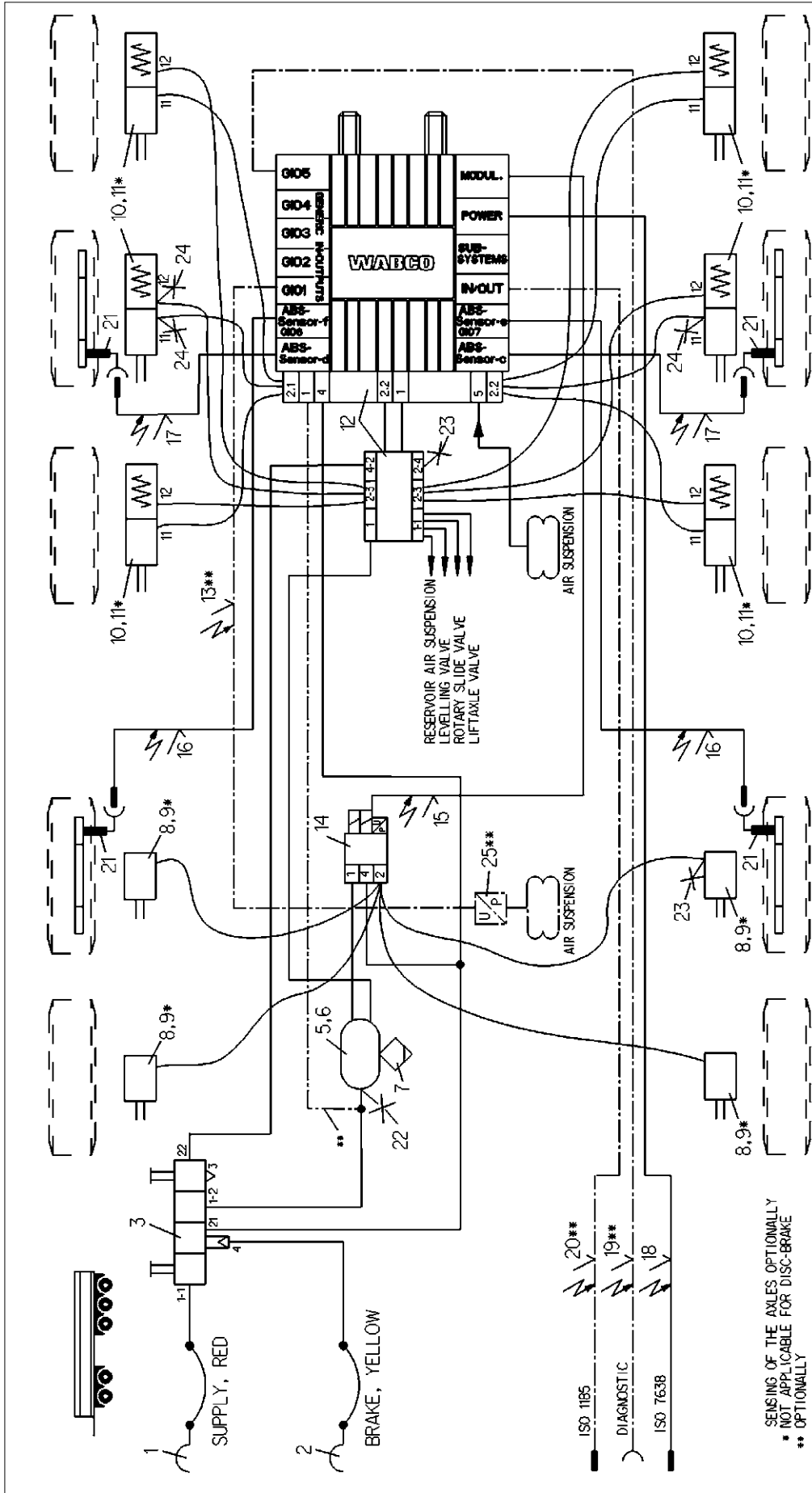
Copyright WABCO		Date		Symbol's			
2012-04-16	BURMESTER						
2012-04-16	CHRONIS						
BURMESTER							
OPTIONALLY RSS							
WABCO							
TRAILER - EBS E							
FOR 4-AXLES-TRAILER							
4S/3M							
Part No. 841 601 352 0							
Doc. Code Lr. japa							
Sheet							
002 EN 1/1							
EQUIV. PARTS							
PART NO. 4990							
Product Identification No.							
Denomination							
Pos. Pos.							
13	1	CABLE TO PRESSURE SENSOR	***	449 812 ... 0	26 1	TWO-WAY VALVE	434 208 021 0
12	1	EBS-MODULATOR		480 102 ... 0	25 1	PRESSURE SENSOR	441 040 013 0
11	4	KIT	*	423 903 532 2	24 3	TEST CONNECTION	463 703 036 0
10	4	TRISTOP BRAKE ACTUATOR		925 0	23 1	TEST CONNECTION	463 703 120 0
9	4	KIT	*	423 2	22 1	TEST CONNECTION	463 703 115 0
8	4	BRAKE CHAMBER		423 0	21 4	ABS-SENSOR	441 0
7	1	DRAIN VALVE		934 300 001 0	20 1	24N-CABLE	** 449 349 ... 0
6	2	HOSE CLAMP		451 989 ... 2	19 1	DIAGNOSTIC CABLE	** 449 611 ... 0
5	1	AIR RESERVOIR		950 0	18 1	SUPPLY (POWER) CABLE	449 273 ... 0
4	1	TRAILER BRAKE VALVE		971 002 301 0	17 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
3	1	DOUBLE RELEASE VALVE		963 001 05. 0	16 2	EXTENSION CABLE FOR SENSOR	449 723 ... 0
2	1	COUPLING HEAD W. INT. LINE FILTER		952 201 ... 0	15 1	CABLE TO EBS-RV	449 429 ... 0
1	1	COUPLING HEAD W. INT. LINE FILTER		952 201 ... 0	14 1	EBS-RELAY VALVE	480 207 0. 0
Product Identification No.						Product Identification No.	
Denomination						Denomination	
Pos. Pos.						Pos. Pos.	



SENSING OF THE AXLES OPTIONALLY
 * NOT APPLICABLE FOR DISC-BRAKE
 ** OPTIONALLY

Fig. Pos.	Denomination	Product Identification No.	Pos. Pos.	Denomination	Product Identification No.
13	1 CABLE TO PRESSURE SENSOR	449 812 ... 0	**	1	441 040 013 0
12	1 TRAILER-MODULATOR	480 102 ... 0	**	25	463 703 036 0
11	6 KIT	423 503 532 2	*	24	463 703 120 0
10	6 TRISTOP BRAKE ACTUATOR	925 ... 0		23	463 703 115 0
9	4 KIT	423 ... 2	*	22	441 ... 0
8	4 BRAKE CHAMBER	423 ... 0		21	449 349 ... 0
7	1 BRAIN VALVE	934 300 001 0		20	449 611 ... 0
6	2 HOSE CLAMP	451 999 ... 2	**	19	449 273 ... 0
5	1 RELAY VALVE	950 ... 0		18	449 723 ... 0
4	1 PARK-RELEASE-EMERG.VALVE (PREV)	973 011 000 0		17	449 723 ... 0
3	1 PARK-RELEASE-EMERG.VALVE (PREV)	971 002 9... 0		16	449 723 ... 0
2	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0		15	449 429 ... 0
1	1 COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0		14	480 207 0... 0

Copyright WABCO®		Date	2014-01-21	Drawn	BURMESTER	Checked	CHRONIS	Expert	BURMESTER	Scale		Material No.	841 601 069 0	Date of first issue	2013-03-21	
WABCO		Signatures											Disc. Code	002	Language	EN
TRAILER - EBE E													Revision			Replacement for
FOR 5-AXLES-TRAILER 4S/3M													Termin. Resp.			4990



SENSING OF THE AXLES OPTIONALLY
 * NOT APPLICABLE FOR DISC-BRAKE
 ** OPTIONALLY

Copyright WABCO®		Date		Signature	
Date		Drawn		Checked	
2014-01-27		BURMESTER		CHRONIS	
2014-01-27		BURMESTER		BURMESTER	
Date of first issue: 2014-01-27		Doc-Code		Language	
002		EN		1/1	
Material No.		841 601 380 0		Tech. Resp.	
Revision		-		4990	
Ech.No.		-		-	
Pro/E		A 3		-	
Scale		-		-	
Mass		-		-	
Expert		-		-	
CAD System		-		-	
Part		-		-	
Product Identification No.		-		-	
Denomination		-		-	

Fig. No.	Denomination	Product Identification No.	Pos. No.	Denomination	Product Identification No.
13	CABLE TO PRESSURE SENSOR	449 812 ... 0	**		
12	TRAILER-MODULATOR	480 102 ... 0	25	1	PRESSURE SENSOR
11	KIT	423 903 532 2	24	3	TEST CONNECTION
10	TRISTOP BRAKE ACTUATOR	923 ... 0	23	2	TEST CONNECTION
9	KIT	423 ... 2	22	1	TEST CONNECTION
8	BRAKE CHAMBER	423 ... 0	21	4	ABS-SENSOR
7	DRAIN VALVE	934 300 001 0	20	1	2-WAY-CABLE
6	HOSE CLAMP	451 999 ... 2	19	1	DIAGNOSTIC CABLE
5	RESERVOIR	950 ... 0	18	1	SUPPLY (POWER) CABLE
4			17	2	EXTENSION CABLE FOR SENSOR
3	PARK-RELEASE-EMERG. VALVE (PREV)	971 002 9... 0	16	2	EXTENSION CABLE FOR SENSOR
2	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	15	1	CABLE TO EBS-RV
1	COUPLING HEAD W. INT. LINE FILTER	952 201 ... 0	14	1	EBS-RELAY VALVE



WABCO
a **WORLD** of
DIFFERENCE

WABCO (NYSE: WBC) is a leading global supplier of technologies and services that improve the safety, efficiency and connectivity of commercial vehicles. Founded nearly 150 years ago, WABCO continues to pioneer breakthrough innovations for advanced driver assistance, braking, stability control, suspension, transmission automation and aerodynamics. Partnering with the transportation industry as it maps a route

towards autonomous driving, WABCO also uniquely connects trucks, trailers, drivers, cargo, and fleet operators through telematics, as well as advanced fleet management and mobile solutions. WABCO reported sales of \$2.6 billion in 2015. Headquartered in Brussels, Belgium, WABCO has 12,000 employees in 39 countries. For more information, visit

www.wabco-auto.com