

Heavy vehicle specialist inspector's or manufacturing inspecting organisation's name (PRINT IN CAPS)	ID
<b>JOHN HIRST</b>	<b>JEH</b>

Vehicle registration (optional)	<b>N/A</b>	VIN/ <del>chassis</del> number	<b>7A9C20036L1023977</b>
Make	<b>DOMETT</b>	Component being certified:	<input type="checkbox"/> Chassis <input type="checkbox"/> Load anchorage <input type="checkbox"/> Log bolsters <input type="checkbox"/> Towing connection <input checked="" type="checkbox"/> Brakes <input type="checkbox"/> SRT <input type="checkbox"/> PSV stability <input type="checkbox"/> PSV rollover <input type="checkbox"/> Swept path <input type="checkbox"/> PBS
Model (optional)	<b>C2003 PH</b>		
Certification category	<b>HVEK</b>		

Description of work

CERTIFY TO SCHEDULE 5 OF LTR 32015/5: NZ HEAVY VEHICLE BRAKE SPECIFICATION.  
 CARRY OUT BRAKE CALCULATIONS, INSPECTION AND ECU END OF LINE PROTOCOL.  
 3ASBTF CURTAINSIDE                      RSS ON TYRE:                      265 70 R19.5  
 FOR SYSTEM ARCHITECTURE, PLEASE REFER TO PDS WORKSHEET & SCHEMATIC.

Code/standard/rule certified to	Component load rating(s)
<b>LTR 32015/5</b>	<b>33 Tonnes GVM</b>
General drawing number(s)	<b>19 Tonnes (Rear group rating)</b>
<b>N/A</b>	

Supporting documents

<b>BRAKE RULE CERTIFICATE</b>	<b>JH200706</b>
<b>BRAKE CALCULATION #</b>	<b>TP52095</b>

Special conditions (optional)

**WARNING LAMP MUST ILLUMINATE WHEN IGNITION IS SWITCHED ON & THEN EXTINGUISH IMMEDIATELY OR WHEN VEHICLE SPEED EXCEEDS 7 KM/H**

Certification expiry date (if applicable)	or	Hubodometer reading (whichever comes first)
<b>N/A [UNLESS MODIFIED]</b>		<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

**Declaration**

I the undersigned, declare that I am the heavy vehicle specialist inspector identified and I hold a current valid appointment. I certify that the above mentioned vehicle component's design, manufacture and installation, and this certification complies in all respects with the Land Transport Rule: Vehicle Standards Compliance 2002 and my appointment. To the best of my knowledge the information contained in the certificate is true and correct.

Designer's ID (if different from inspector below)

**N/A**

Inspector's signature

Inspector's name (PRINT IN CAPS)                      ID number

**JOHN HIRST**                      **JEH**

Date                      Number

**07-Jul-20**                      **739082**

CoF vehicle inspector ID (if applicable)	CoF vehicle inspector signature (if applicable)	Date

All fields are mandatory unless otherwise stated.







**NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015-5  
WORKSHEET, PROCEDURE DOCUMENTATION SHEET  
& CONFIRMATION OF COMPLIANCE**

**CLIENT**

MANUFACTURER:	<b>DOMETT TRAILERS</b>
ADDRESS:	<b>TAURIKURA DRIVE, TAURANGA 3110</b>
FLEET:	<b>BLACK DOG TRUCKING</b>

**VEHICLE DETAILS**

VEHICLE TYPE:	3ASBTF CURTAINSIDE	CERT #:	JH200706
YEAR:	2020	CALCULATION #:	TP52095
MAKE:	DOMETT	REGO #:	N/A
MODEL:	C2003 PH	LT400 #:	739082
CHASSIS #:	1977	ORDER #:	7291
VIN #:	7A9C20036L1023977		
GVM: <i>t</i>	33	PRIME MOVER:	NORTH AMERICAN
LOAD CONFIGURATION:	MIXED FREIGHT		
GROUP RATINGS: <i>t</i>	FRONT	REAR	
	14	19	
WHEEL BASE: <i>m</i>	6.87		
	UNLADEN COG <i>m</i>	MAX HEIGHT <i>m</i>	HEIGHT DECK <i>m</i>
	0.85	4.3	1.075
COG: <i>m</i>	2.078		
	FRONT	REAR	TOTAL
TARE: <i>t</i>	1.8	3.6	5.4
		REAR	
TYRE SIZE:		265 70 R19.5	
ROLLING CIRCUMFERENCE: <i>mm</i>		2645	
AXLE SPACING: <i>m</i>		3	

## BRAKE & AXLE DETAILS

	MAKE	MODEL	TEST REPORT
AXLE:	SAF	SAF-ZI9W	TDB0749
STEER AXLE[S]:	NO	POLE WHEEL:	90
LINING MATERIAL:	JURID 539	BRAKE FACTOR:	23.03
SENSED AXLES:	# 2	NOTES:	
SERIAL NUMBERS:	1	11 20 052 0477	NG-IU25-ZI9
	2	11 20 052 0475	NG-IU25-ZI9
	3	11 20 052 0480	NG-IU25-ZI9
	4	N/A	N/A

## CHAMBER AND VALVING DETAILS

CHAMBERS:	AXLE 1 & 2	AXLE 3	
BRAND:	TSE_CHAMBERS	TSE_CHAMBERS	
SIZE:	1416HTLD	14HSCLD	
STROKE: mm	64	64	
TEST REPORT #:	BC0143.0	BZ 122.1 Sep '00	
SPRINGBRAKE FORCE: kN	6.16	N/A	
HOLDOFF PRESSURE: Bar	4.5	N/A	
FOUNDATION BRAKE:	WABCO PAN19	WABCO PAN19	
LEVER LENGTH: mm	69	69	
BRAKE VALVES:	MAKE:	PART NUMBER:	PM PRESS. kPa
ECU PART #:	WABCO	480 102 08. 0 (MV)	60 kPa
3RD MODULATOR #:	N/A	N/A	N/A
ANTI-COMPOUNDING:	YES		
SPRING BRAKE RELAY:	WABCO_PREV	971 002 900 0	
YARD RELEASE VALVE:	WABCO-PREV	971 002 900 0	
INLINE RELAY FITTED:	N/A	N/A	
ECU DIRECTION:	<input checked="" type="checkbox"/> FRONT	<input type="checkbox"/> REAR	
SUBSYSTEMS:	<input checked="" type="checkbox"/> SMARTBOARD	<input type="checkbox"/> OPTI-LINK	<input type="checkbox"/> CAN ROUTER 446 122 050 0
	<input type="checkbox"/> ELEX 446 122 070 0	<input type="checkbox"/> TAILGUARD	



## SUSPENSION

	REAR
SUSPENSION TYPE:	PNEUMATIC
MAKE:	SAF_AIRSPRING
MODEL:	SAF_INTRA
BELLOW SIZE:	2619, 300mm
HEIGHT CONTROL VALVE:	464 008 011 0
OTHER VALVES:	N/A
RIDE HEIGHT <i>mm</i> :	230
HANGER HEIGHT <i>mm</i> :	200
PEDESTAL HEIGHT <i>mm</i> :	5
LIFTAXLE:	N/A
DUMP SWITCH:	N/A
LIFTAXLE VALVE:	N/A

## AIR TANKS

AIR TANKS STANDARD:	SAE J10A / EN286-2
	REAR
BRAKE TANK SIZE: L	46 + 25
AUXILLARY TANK SIZE: L	46
PRESSURE PROTECTION:	WABCO PEM: 461 513 002 0

## AIR LINES

TEST POINTS:	
CONTROL LINE:	YES
FIXED AXLE CHAMBERS:	X2
STEER AXLE CHAMBERS:	N/A
DUOMATIC COLOUR CODED:	YES
TANK:	X 1

**ELECTRONIC HEIGHT SENSOR CALIBRATION**

	TIMER TICKS [F/R]	MILLIMETRE mm [F / R]
UPPER LEVEL:	N/A	N/A
NORMAL LEVEL:	N/A	N/A
LOWER LEVEL:	N/A	N/A

**CHECKS AT COMMISSION OF VEHICLE**

CHAMBER BUNGS REMOVED:	<input checked="" type="checkbox"/>	VALVE MOUNTING:	<input checked="" type="checkbox"/>
ECU BLANKING PLUGS CHECKED:	<input checked="" type="checkbox"/>	DUOMATIC DRILLED:	<input checked="" type="checkbox"/>
RESPONSE TIME:	MODULATOR 2.1	MODULATOR 2.2	RELAY VALVE
ms:	210	220	N/A

**NOTES AND SPECIAL CONDITIONS**

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REASON FOR CERTIFICATION: **NEW TRAILER**

I UNDERSTAND AND DECLARE THAT I AM THE CERTIFIER IDENTIFIED BELOW AND HOLD A CURRENT VALID APPOINTMENT. I CERTIFY THAT AT THE TIME OF INSPECTION THE ABOVE MENTIONED VEHICLE COMPONENT DESIGN AND THIS CERTIFICATION COMPLIES IN ALL RESPECTS WITH THE LAND TRANSPORT RULE VEHICLE STANDARDS COMPLIANCE 2002 AND MY DEED OF APPOINTMENT. TO THE BEST OF MY KNOWLEDGE THE INFORMATION CONTAINED IN THIS CERTIFICATE IS TRUE AND CORRECT.

NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015/5, SCHEDULE 5.

DATE: **7/07/2020**

SIGNED: 

CERTIFIER NAME & ID: JOHN HIRST JEH

SODC BY: N/A N/A

PHONE (BUS): 09-980-7300

FAX:

POSTAL ADDRESS: P.O. Box 98-971, Manukau 2241  
New Zealand



**NOTICE TO VEHICLE OPERATOR**

***THIS VEHICLE HAS A BRAKE SYSTEM WHICH HAS BEEN DESIGNED AND FITTED IN ACCORDANCE WITH THE LAND TRANSPORT HEAVY VEHICLE BRAKE RULE 32015/5.***

***IF THIS VEHICLE IS OPERATED IN CONJUNCTION WITH NON-CERTIFIED VEHICLES, THERE MAY BE OPERATIONAL FACTORS WHICH NEED TO BE TAKEN INTO CONSIDERATION.***

***PLEASE REFER TO THE CERTIFIER FOR FURTHER INFORMATION.***

**EXCERPT FROM LAND TRANSPORT RULE; HEAVY-VEHICLE BRAKES RULE 32015/5. SECTION 10,**

**10.1 RESPONSIBILITIES OF OPERATORS**

A person who operates a vehicle must ensure that the vehicle complies with this rule.

**10.2 RESPONSIBILITIES OF REPAIRERS**

A person who repairs or adjusts a brake must ensure that the repair or adjustment:

- a) does not prevent the vehicle from complying with this rule;
- b) complies with Land Transport Rule: Vehicle Repair 1998.

**10.3 RESPONSIBILITIES OF MODIFIERS**

A person who modifies a vehicle so as to affect the braking performance of the vehicle must:

- a) ensure that the modification does not prevent the vehicle from complying with this Rule; and
- b) notify the operator that the vehicle must be inspected and, if necessary, certified by person or organisation appointed to carry out specialist inspection and certification of heavy vehicle brakes.

***IF YOU ARE UNSURE ABOUT YOUR RESPONSIBILITIES, PLEASE CONTACT THE VEHICLE MANUFACTURER, OR MYSELF.***

***COMPLAINTS. Complaints and Warranty issues which relate to Brake Certification will be acknowledged within 7 working days and a resolution proposed within 25 working days. Resolution of complaints and Warranty issues is subject to Transpecs Warranty policy. Customers have the right to appeal to the New Zealand Transport Authority if dissatisfied with a Compliance issue. (Refer NZTA Deed Of Appointment Para 47.4) NZTA Helpdesk 0800 699 000***

(p.p.).....  
**(J.Hirst (JEH)/HVEK)**

**NOTICE TO VEHICLE OPERATOR**

This trailer is equipped with an Electronic Brake System.

To comply with the New Zealand Heavy Vehicle Brake Rule 32015/5, it must be used only in conjunction with a truck/tractor equipped with a 5 or 7 pin ABS/EBS power supply socket.

Failure to connect to such supply invalidates Brake Rule compliance.

The trailer ABS/EBS warning light on the towing vehicle dashboard must illuminate when the ignition is switched on and extinguish when the vehicle is in motion.

If the light does not illuminate when ignition is switched on, the system must be checked. If the light remains illuminated when the vehicle is in motion, Brake Rule compliance is compromised. Repairs must be made as soon as possible.

**If you are unsure of your responsibilities and/or obligations, please contact either the vehicle manufacturer or myself.**

(p.p.)  
J E Hirst  
(JEH HVEK)  
(09 980 7300)





trailer (full, semi-, centre-axle) with air brake system acc. to UN/ECE-R.13.11

distribution: DOMETT TRAILERS  
 7A9C20036L1023977  
 JH200706  
 LT400: 739082

please note!

This brake calculation is made under consideration of  
 -the legal prescriptions mentioned above in the version valid at the time of making the program (V6.18.07.12).  
 -the functional characteristics of our products as well as the data of the brake out of the test approvals of the axle manufacturers, and  
 -the other vehicle data included in the brake calculation.  
 Please check whether these data correspond to the actual vehicle data. Our conditions of delivery apply (particularly section 9.0). In any case we commend to do a braking harmonisation!  
 WABCOBrake V6.18.07.12 db 31.08.2018

vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 3ASBTF CURTAINSIDE  
 trailer type : 3-axle-semi-trailer  
 remarks : air / hydraulic / VA suspension  
 WABCO TRAILER - EBS E  
 TRISTOP 1+2: T.14/24 [TSE1416HTLD64 ACTUALLY FITTED -  
 SEE PAGE 6 FOR PERFORMANCE DATA]  
 265/70 R 19,5

axle 1 + 2 + 3 : SAF, SBW 1937, TDB 0749 ECE,

		<u>unladen</u>		<u>laden</u>	
total mass	P in kg	5000	- 6000	33000	- 35000
king-pin	PS kg	1400	- 2400	13950	- 15950
axle 1	P1 in kg		1200		6350
axle 2	P2 in kg		1200		6350
axle 3	P3 in kg		1200		6350
total axle mass	PR in kg		3600		19050
wheel base	E in mm	6800	- 6900		
centre of gravity height	h in mm		850		2100
K-factor		Kv min	2.0513	Kc min	0.9754
K-factor		Kv max	2.0742	Kc max	0.9940

		<u>axle 1</u>	<u>axle 2</u>	<u>axle 3</u>
no. of combined axles		1	1	1
no. of brake chambers per axle line	KDZ	2	2	2
The power output corresponds to		BZ 119.6	BZ 119.6	BZ 122.1
brake chamber manufacturer		Meritor	Meritor	Meritor
chamber size		T.14/24	T.14/24	14.
lever length	lBh in mm	69	69	69
brake factor	[-]	23.03	23.03	23.03
dyn. rolling radius	rdyn min in mm	421	421	421
dyn. rolling radius	rdyn max in mm	421	421	421
threshold torque	Co Nm	6.0	6.0	6.0

calculation:			
chamber pressure(rdyn min)pH at z=22,5%bar		2.1	2.1 2.1
chamber pressure(rdyn max)pH at z=22,5%bar		2.1	2.1 2.1
chamber press.(servo)pcha at pm6,5bar bar		5.2	5.2 5.2
piston force ThA at pm6,5bar N		4986	4986 4986
brake force(rdyn min)T lad. at pm6,5bar N		37653	37653 37653
brake force(rdyn max)T lad. at pm6,5bar N		37653	37653 37653
Brake force incl. 1 % rolling resistance proportion	%	33.3	33.3 33.3

braking rate z laden 0.604 for rdyn min  
 z = sum (TR)/PRmax 0.604 for rdyn max

Trailer may only be operated in combination with trucks/tractors with ISO 7638 supply (5 or 7 polar).

brake diagram : 841 701 101 0

maximum pressure: 8.5 bar

axle 1:

valve 1: 971 002 ... 0 WABCO  
EBS emergency valve

valve 2: 480 102 ... 0 WABCO  
EBS trailer modulator

brake cylinder: Meritor 1424HTLD64

axle 2:

valve 1: 971 002 ... 0 WABCO  
EBS emergency valve

valve 2: 480 102 ... 0 WABCO  
EBS trailer modulator

brake cylinder: Meritor 1424HTLD64

axle 3:

valve 1: 971 002 ... 0 WABCO  
EBS emergency valve

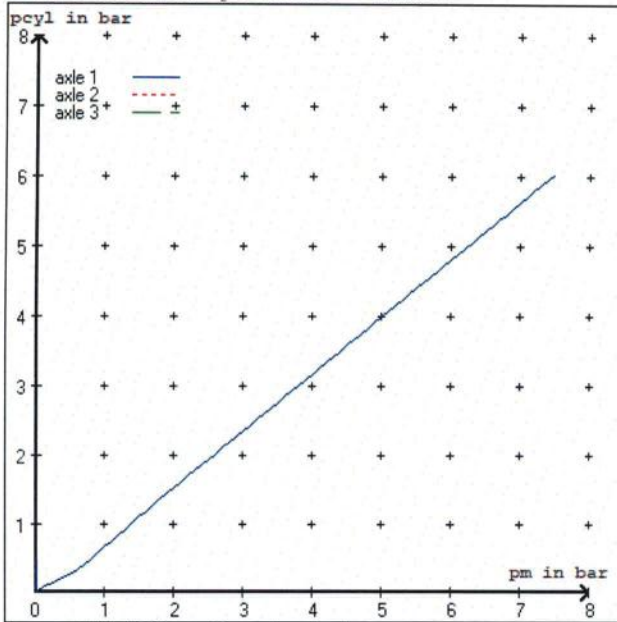
valve 2: 480 102 ... 0 ( ) WABCO or 480 207 0.. 0 / 2.. 0  
EBS trailer modulator

brake cylinder: Meritor 14HSCLD64

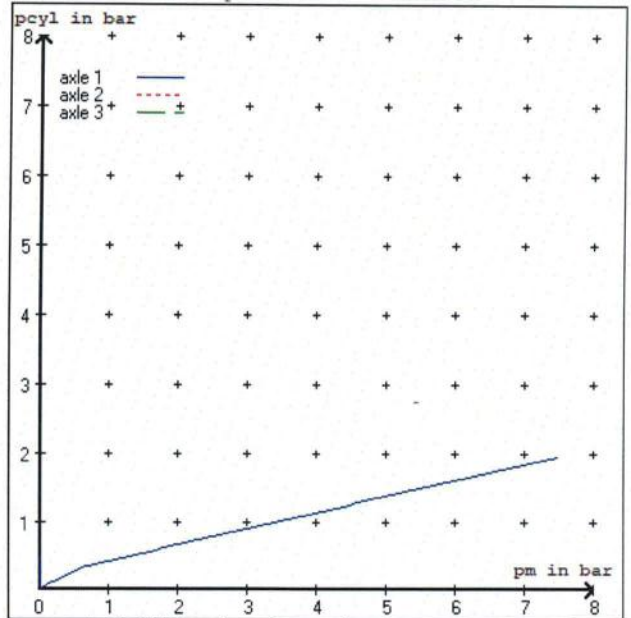
test type III (zIII = 0.30)	for rdyn min :	axle1	axle2	axle3
at pm 3.5 bar =>	pcha in bar :	2.7	2.7	2.7
test type III (zIII = 0.06)	for rdyn min :	axle1	axle2	axle3
at pm 1.1 bar =>	pcha in bar :	0.7	0.7	0.7



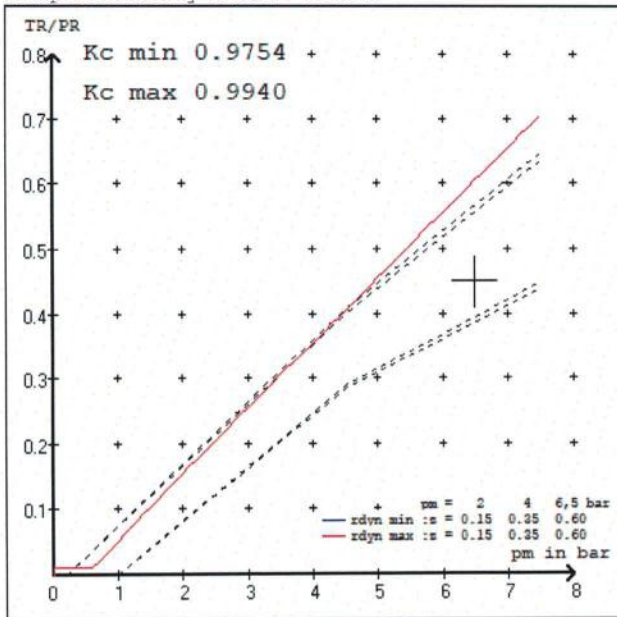
brake chamber pressure laden



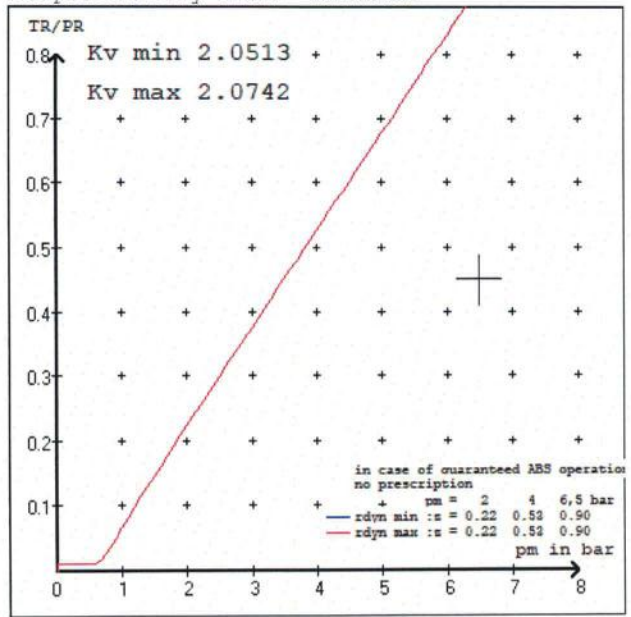
brake chamber pressure unladen



compatibility band laden



compatibility band unladen



vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 3ASBTF CURTAINSIDE  
 trailer type : 3-axle-semi-trailer

brake chamber and lever length :

axle 1 : 2 x type/diameter T.14/24 (Meritor) lever length 69 mm  
 axle 2 : 2 x type/diameter T.14/24 (Meritor) lever length 69 mm  
 axle 3 : 2 x type/diameter 14. (Meritor) lever length 69 mm

brake diagram : 841 701 101 0

valve :

971 002 ... 0 WABCO EBS emergency valve  
 480 102 ... 0 WABCO EBS trailer modulator  
 480 102 ... 0 WABCO EBS trailer modulator or 480 207 0.. 0 / 2.. 0

EBS input data

=====

vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 3ASBTF CURTAINSIDE  
 trailer type : 3-axle-semi-trailer  
 brake calculation no. : TP 52095S

tire circumference main axle : 2650 for rdyn max  
 tire circumference auxiliary axle : 2650 for rdyn max

assignment pm / deceleration z: pm 0.6 bar z = 0.010  
 (laden condition) 2.0 bar z = 0.150  
 6.5 bar z = 0.600

control pressure pm		6,5	control pressure pm		0.6	2.0	6.5	
axle	axle load unladen	bellow pr. unladen	brake pr. unladen	axle load laden	bellow pr. laden	brake pr. laden		
1	1200	to be	1.7	6350	to be	0.3	1.5	5.2
2	1200	entered by the vehicle manufact.	1.7	6350	entered by the vehicle manufact.	0.3	1.5	5.2
3	1200		1.7	6350		0.3	1.5	5.2
4	0		0,0	0		0,0	0,0	0,0
5	0		0,0	0		0,0	0,0	0,0

The unladen values indicated in the above table are values for the basic parameter set. Higher unladen axle loads and liftaxles are automatically recognized and do not require separate adjustment. The above unladen axle loads must not be fallen below.

=====

axle 1	axle 2	axle 3	
axle load pcyl	axle load pcyl	axle load pcyl	
1200	1.7	1200	1.7
1700	2.0	1700	2.0
2200	2.4	2200	2.4
2700	2.7	2700	2.7
3200	3.1	3200	3.1
3700	3.4	3700	3.4
4200	3.7	4200	3.7
4700	4.1	4700	4.1
6350	5.2	6350	5.2



data sheet to ECE vehicle type-approval certificate concerning braking equipment: according to ECE R13 annex 11

axle 1 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013
axle 2 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013
axle 3 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0749 ECE	date : 20130930 30.09.2013

calc. verif. of residual (hot) braking force type III  
(item 4.2.1 of appendix 2 to annex 11)

axle 1	(rdyn 421 mm)	T = 18.7 % Fe
axle 2	(rdyn 421 mm)	T = 18.7 % Fe
axle 3	(rdyn 421 mm)	T = 18.7 % Fe

calculated actuator stroke in mm  
(item 4.3.1.1 of appendix 2 to annex 11)

axle 1	(sp = 56 mm)	s = 39 mm
axle 2	(sp = 56 mm)	s = 39 mm
axle 3	(sp = 56 mm)	s = 39 mm

average thrust output in N at pm = 6,5 bar (however max. pcha = 7,0 bar)

axle1	ThA = 4986 N
axle2	ThA = 4986 N
axle3	ThA = 4986 N

calc. residual (hot) braking force in N  
(item 4.3.1.4 of appendix 2 to annex 11)

axle 1	(rdyn 421 mm)	T = 29448 N
axle 2	(rdyn 421 mm)	T = 29448 N
axle 3	(rdyn 421 mm)	T = 29448 N

	basic test	type III
	of subject	(calculated)
	trailer (E)	residual
braking rate of the vehicle		(hot)braking
(item 4.3.2 to appendix 2 to annex 11)	0.60	0.47

required braking rate	>= 0,4 and
(items 1.5.3 and 1.7.2 to annex 11)	>= 0,6*E (0.36)

axle 1	(rdyn 421 mm)	T = 29448 N
axle 2	(rdyn 421 mm)	T = 29448 N
axle 3	(rdyn 421 mm)	T = 29448 N

	basic test	type III
	of subject	(calculated)
	trailer (E)	residual
braking rate of the vehicle		(hot)braking
(item 4.3.2 to appendix 2 to annex 11)	0.60	0.47

required braking rate	>= 0,4 and
(items 1.5.3 and 1.7.2 to annex 11)	>= 0,6*E (0.36)

spring parking brake

	axle 1	axle 2
no of TRISTOP-actuators per axle line KDZ	2	2
TRISTOP-actuator type	T.14/16	T.14/16
lever length                          lBh in mm	69	69
stat. tyre radius                      rstat max in mm	401	401
at a stroke of                          s            in mm	30	30
min. force of spring brake           TFZ in N	6160	6160
sp.brake chamber no Meritor.....	4	4
release pressure                        pLs in bar	4.5	4.5

calculation:

ratio until road	3.9674	3.9674
$iFb = lBh \cdot \eta \cdot C \cdot rBt / (rBn \cdot rstat)$ for rstat    in mm	401	401
brake force of spring br. Tf    in N	48188	48188
$Tf = (TFZ \cdot KDZ - 2 \cdot Co / lBh) \cdot iFb$		
braking rate                            zf laden	0.526	
$zf = \text{sum}(Tf) / P + 0,01$		

Test of the frictional connection required by the parking brake

minimum wheelbase/minimum supporting width    min Ef    necessary  
to fulfil the regulations

$$\text{min Ef} = E \cdot (1 - PR/P + zferf \cdot h/E) / (1 - zferf / (fzul \cdot nf/ng))$$

min Ef = 5248 mm    for E = 6800 mm  
=====  
min Ef = 5317 mm    for E = 6900 mm  
=====

min Ef =                    minimum distance between front axle(s) (trailer) or support (semitrailer)  
and the rear axle(s) (resultant of the bogie)  
E        =                    wheel base  
fzul    =                    0.80    maximum permissible frictional connection required  
zferf   =                    0.18    maximum required braking ratio of the parking brake  
h       =                    2100 mm height of center of gravity - laden  
PR      =                    19050 kg maximum bogie mass - laden  
P       =                    35000 kg maximum total mass - laden  
nf      =                    2        no. of axle(s) with TRISTOP spring brake actuators  
ng      =                    3        no. of bogie axle(s)



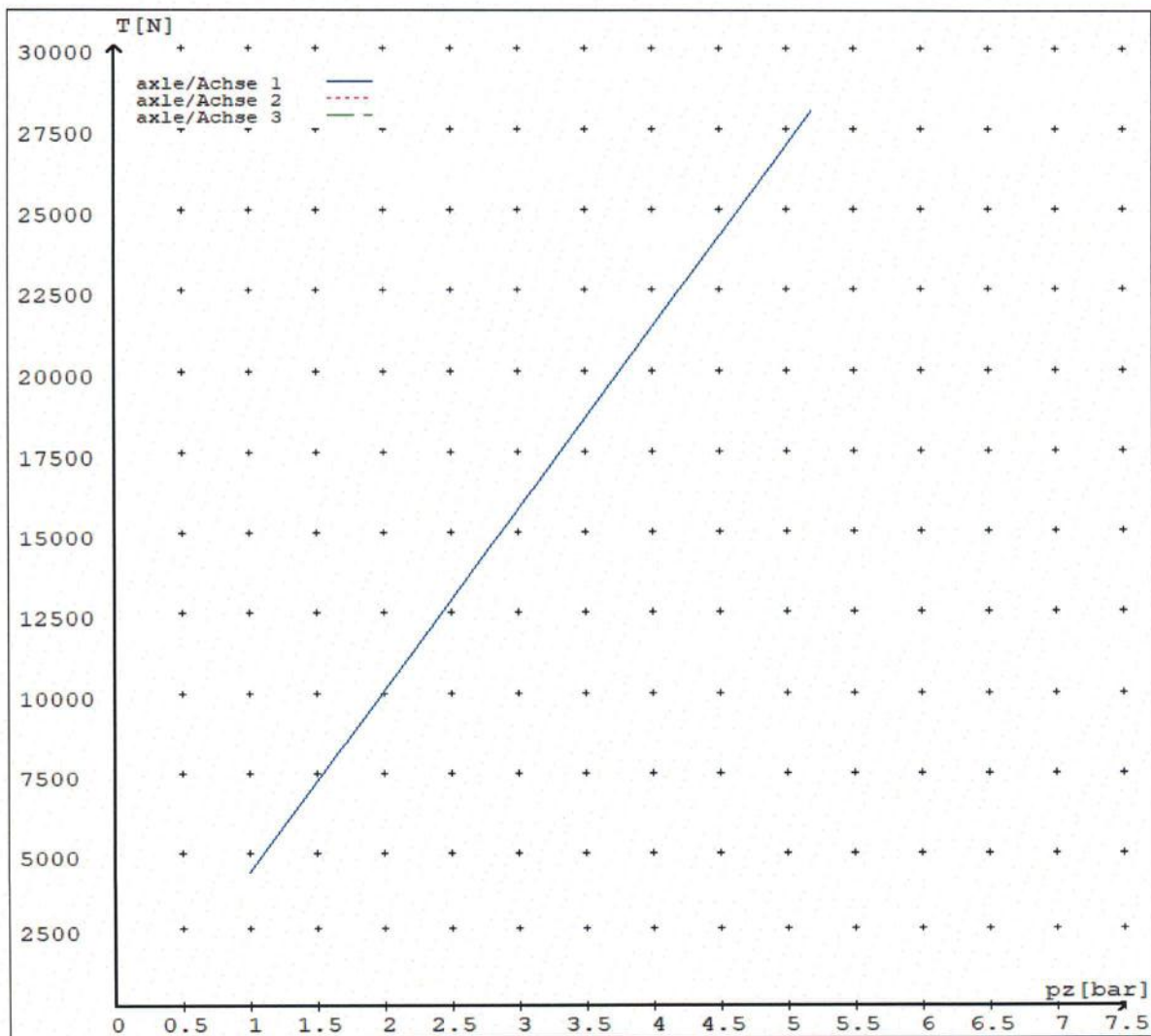
**reference values**

reference values for z = 45% for max rdyn: 421 mm

	pz [bar]	T [N]	T [N]
axle 1	1.0		4356
	5.2		28052
axle 2	1.0		4356
	5.2		28052
axle 3	1.0		4356
	5.2		28052

VIN - no.:

	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	T.14/24	T.14/24	14./	/	/
Maximum stroke smax = ...mm maximaler Hub smax = ...mm	64	64	64		
Lever length = ...mm Hebellänge = ...mm	69.08	69.08	69.08		



reference values for  $z = 0.45$

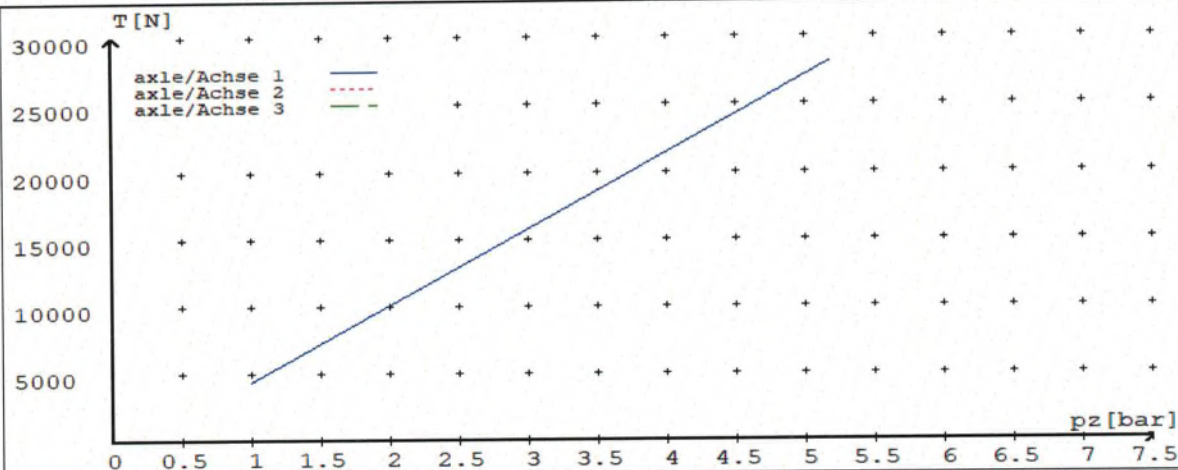
Angabe der Referenzwerte für  $z = 0.45$

brake calculation no: TP 52095S date 07.07.2020

Bremsberechnung Nr: TP 52095S vom 07.07.2020

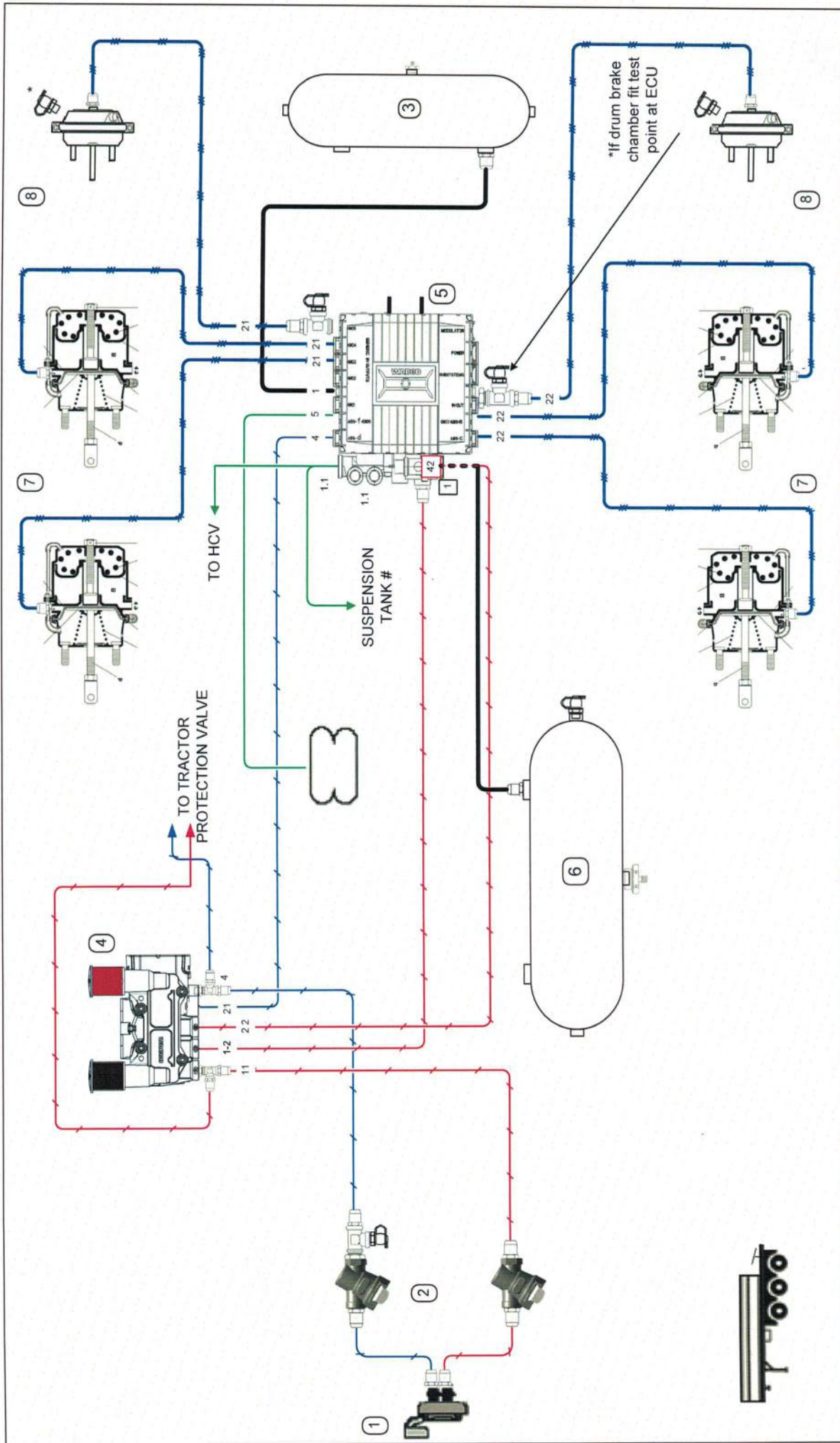
for max rdyn: 421 mm

für max rdyn: 421 mm



	Axle(s) / Achse(n)				
brake cylinder type (service / parking) Bremszylinder Typ (Betrieb / Fest)	T.14/24	T.14/24	14./	/	/
Maximum stroke $s_{max} = \dots$ mm maximaler Hub $s_{max} = \dots$ mm	64	64	64		
Lever length = $\dots$ mm Hebellänge = $\dots$ mm	69.08	69.08	69.08		





ITEM		QTY.	PART NO.	DESCRIPTION	ITEM	QTY.	PART NO.	DESCRIPTION	DESCRIPTION	PIPING LEGEND:
1	1	452 802 001 S	WABCO Duo-Matic coupling							3/8" Rubber
2	2	432 500 020 0	WABCO Control line filter							3/8" Rubber
3	1	97A2462502	25 Ltr AIR TANK							1/2" Rubber
4	1	9710021900/A-BT	PREV VALVE A-BT TRAILER							15mm Nylon
5	1	480 102 08 0	WABCO T-EBS ECU							12mm Nylon
6	1	97A3104600	46 Ltr AIR TANK							8mm Nylon
7	4	1418HTLD64	TSE SPRING BRAKE CHAMBER							8mm Nylon
8	2	14HSLD64	TSE SERVICE BRAKE CHAMBER							8mm Nylon

# Domett Trailers

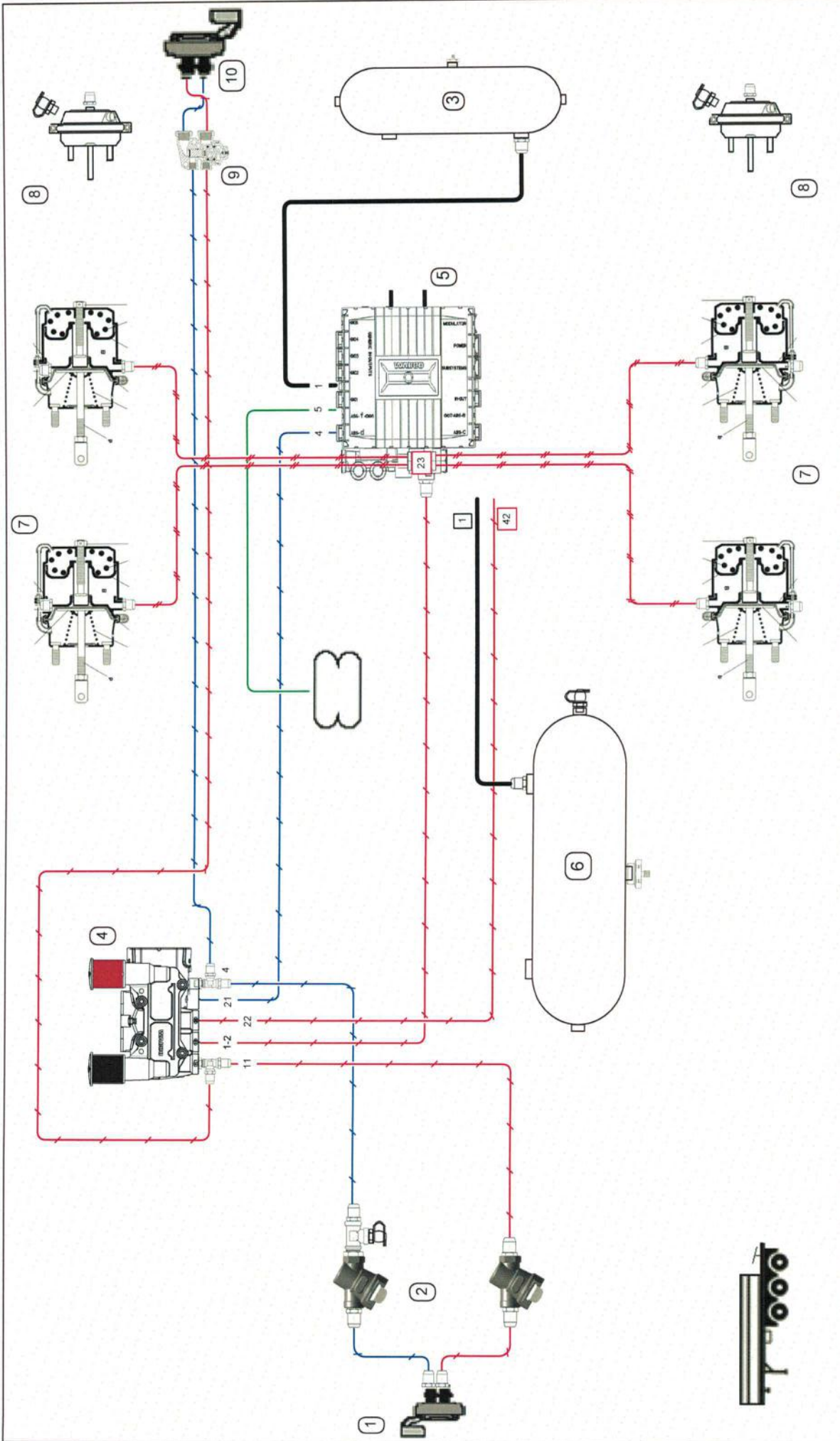
EBS 3A SEMI DISC  
(SERVICE BRAKE LINES)

ASSEMBLY NUMBER  
DATE  
DRAWING NUMBER  
1977  
DOMETTFRONT 3AX/D/EBS  
J HIRST  
E & OE  
CHECKED BY NAME



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# Domett Trailers

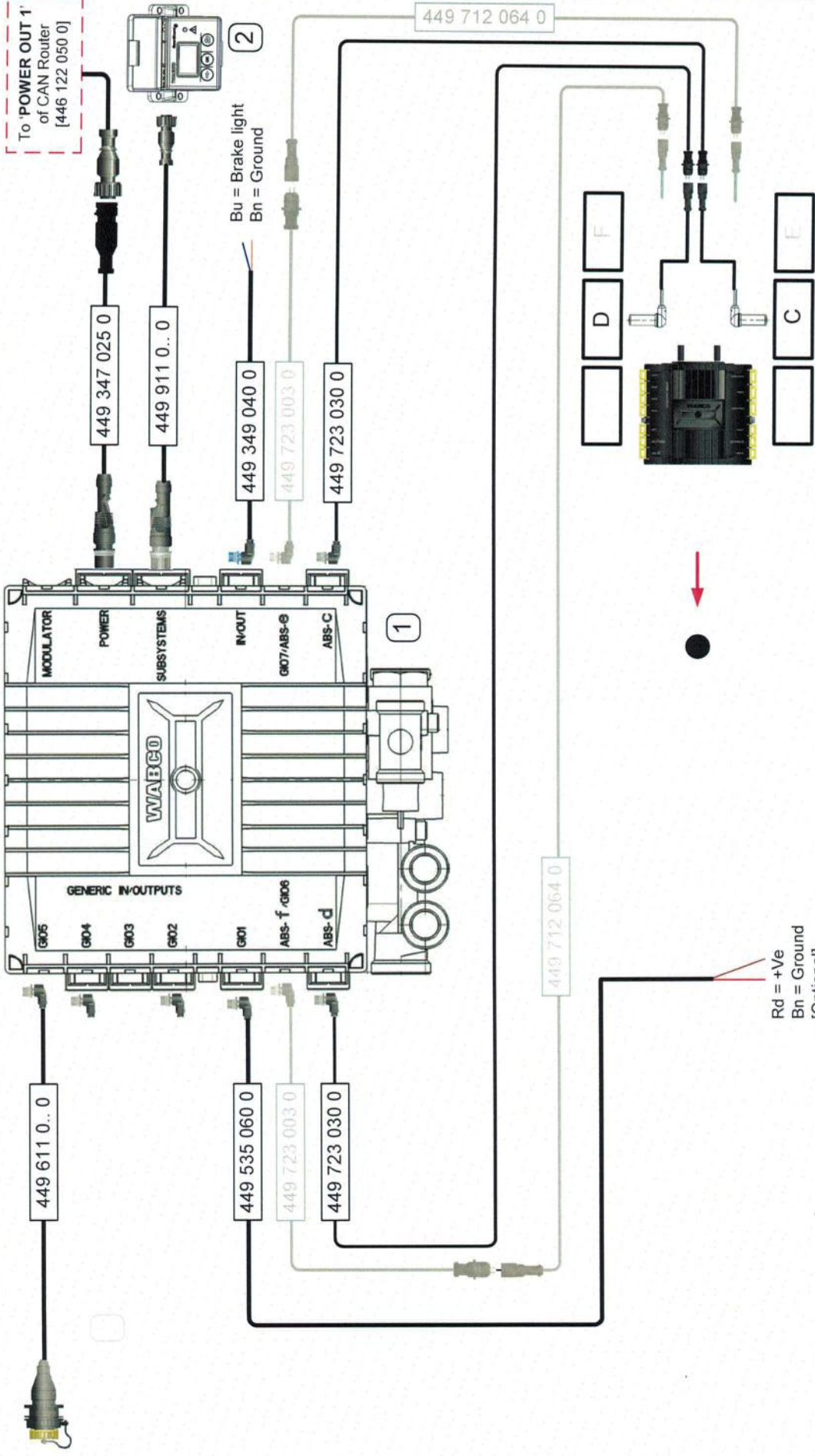
EBS 3A SEMI DISC  
(PARK BRAKE LINES)

DRAWING NUMBER: 1977  
 ASSIST NUMBER: DOMBTFRONT 3AX/D/EBS  
 DATE: \_\_\_\_\_  
 CHECKED BY NAME: J HIRST





To 'POWER OUT 1'  
of CAN Router  
[446 122 050 0]



<b>Transpecs</b>		<b>Domett Trailers</b>		ITEM	QTY.	PART NO.	DESCRIPTION
		DRAWING NUMBER 1977	ASSY/KIT NUMBER DOMBTFRONT 3AX/D/EBS	DATE			WABCO T-EBS ECU WABCO SMARTBOARD
<b>WABCO</b> Copyright Transpecs 2010 All rights reserved		PAGE NO. 3/3	J HIRST <b>E &amp; OE</b>	CHECKED BY NAME			

