



# WABCO START-UP LOG

System	Trailer EBS-E	WABCO part number	480 102 080 0
Production date	2022-05-12 <sup>1</sup>	Serial number	897041639600H
Serial number (modulator)	000000552412		
Fingerprint Customer EOL / Customer Development / Flash Program	W503643 / 2022-07-28 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

## WABCO

### TRAILER EBS-E

GGV5ADR TUEH TB 2007 - 019.00  
TDB0678

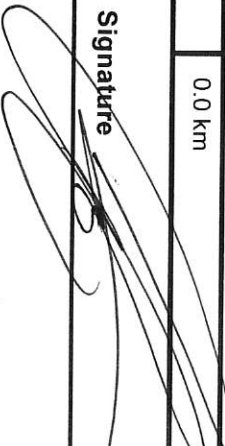
HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT TRAILERS		
TYPE	4AS SKELETAL		
VEHICLE IDENT. NUMBER CHASSIS NUMBER NUMERO DE CHASSIS	7A9D50029N2023200		
BREMSENRECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO.	TP52371S		
POL. RADZAHNLEISTUNG POL. WHEEL TEETH CD / CD DENTS NOIE DENTRE CD / CD	90	90	ABS-System ABS-System Systeme ABS
RSS RSS RSS			Leuchtachse Steering axle Essieu Vitour
Zwillingenbereiterung Ment. jumelle	X		Kopierdruckes Fahrzeug Systeme ABS Vehicle ABS
Subsystems	SB	I/O	24N

ACHSE AXLE ESSEU	pm (bar)	pm (bar)	0.7	2.0	6.5	Pz	TP	TP TYPE	(mm)	(mm)	(bar)				
											1.0	Pz			
1	1000	0.3	1.6	6500	4.0	0.3	1.5	---	5.6	-	14 / 16	64	69	415	2869
2	1000	0.3	1.6	6500	4.0	0.3	1.5	---	5.6	-	14 / 16	64	69	415	2869
3	1000	0.3	1.6	6500	4.0	0.3	1.5	---	5.6	-	14	64	69	415	2869
4	1000	0.3	1.6	6500	4.0	0.3	1.5	---	5.6	1	14	64	69	415	2869
5	0	---	---	---	---	---	---	---	---	-	---	---	---	---	---

### TEBS-E

Diagnostic memory	OK	Warning lamp control	OK
Parameter setting	carried out	Stop light supply	OK
EBS pressure test	OK	Lifting axle test	Not tested
Redundancy test	OK	ECAS height sensor calibration	Not tested
ABS sensor assignment	OK	Height sensor axle load	Not tested
RTR test	Not tested	Leak test	Not tested
Immobilizer test	Not tested	Signal outputs	Not tested
Signal inputs	Not tested	Tag axle test	Not tested

### Electronic Extension Module

Diagnostic memory	Not tested	Signal outputs	Not tested
TailGUARDlight	Not tested	TailGUARD	Not tested
Manufacturer	DOMETT TRAILERS	Vehicle ident. no.	7A9D50029N2023200
Vehicle type	4AS SKELETAL	Odometer reading	0.0 km
Next service	0 km	Trip reading	0.0 km
Tester	Chris Clarke	Signature 	
Date	2022-07-28 1:01:59 pm		

distribution: DOMETT TRAILERS  
 7A9D50029N2023200  
 SODC: JH220412  
 LT400: CJC 830445

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 : 4AS SKELETAL  
 trailer type : 4-axle-semi-trailer  
 remarks : air / hydraulic / VA suspension  
 WABCO TRAILER - EBS  
 TRISTOP 1+2: T.14/24 [TSE1416HTID ACTUALLY FITTED -  
 SEE PAGE 7 FOR PERFORMANCE DATA]  
 355/50 R 22,5

axle 1 + 2 + 3 + 4 : SAF, SBW 1937, TDB 0678 ECE,

		unladen		laden	
total mass	P in kg	6000	- 7000	42000	- 42000
king-pin	PS kg	2000	- 3000	16000	- 16000
axle 1	P1 in kg		1000		6500
axle 2	P2 in kg		1000		6500
axle 3	P3 in kg		1000		6500
axle 4	P4 in kg		1000		6500
total axle mass	PR in kg		4000		26000
wheel base	E in mm		9200		2500
centre of gravity height	h in mm		660		1.0265
K-factor		Kv min	2.2331	Kc min	1.0497
		Kv max	2.2562	Kc max	

	axle 1		axle 2		axle 3		axle 4	
no. of combined axles	1	2	1	2	1	2	1	2
no. of brake chambers per axle line	2	2	2	2	2	2	2	2
The power output corresponds to	BZ 119.6	BZ 119.6	BZ 122.1	BZ 122.1	BZ 122.1	BZ 122.1	BZ 122.1	BZ 122.1
brake chamber manufacturer	Meritor	Meritor	Meritor	Meritor	Meritor	Meritor	Meritor	Meritor
chamber size	T.14/24	T.14/24	14.	14.	14.	14.	14.	14.
lever length	69	69	69	69	69	69	69	69
brake factor	23.03	23.03	23.03	23.03	23.03	23.03	23.03	23.03
dyn. rolling radius	449	449	449	449	449	449	449	449
dyn. rolling radius	449	449	449	449	449	449	449	449
threshold torque	Co Nm	6.0	6.0	6.0	6.0	6.0	6.0	6.0

calculation:

chamber pressure(rdyn min)PH at z=22,5%bar	2.2	2.2	2.2	2.2
chamber pressure(rdyn max)PH at z=22,5%bar	2.2	2.2	2.2	2.2
chamber press.(servo)pcha at pm6,5bar	5.6	5.6	5.6	5.6
piston force	5387	5387	5387	5387
brake force(rdyn min)T lad. at pm6,5bar N	38198	38198	38198	38198
brake force(rdyn max)T lad. at pm6,5bar N	38198	38198	38198	38198
Brake force incl. 1 % rolling resistance	25.0	25.0	25.0	25.0
proportion				

braking rate z laden 0.599 for rdyn min  
 z = sum (TR)/PRmax 0.599 for rdyn max

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

brake diagram : 841.701 050 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  
EBS trailer modulator

brake cylinder: Meritor 14HSCLD64

axle 4:

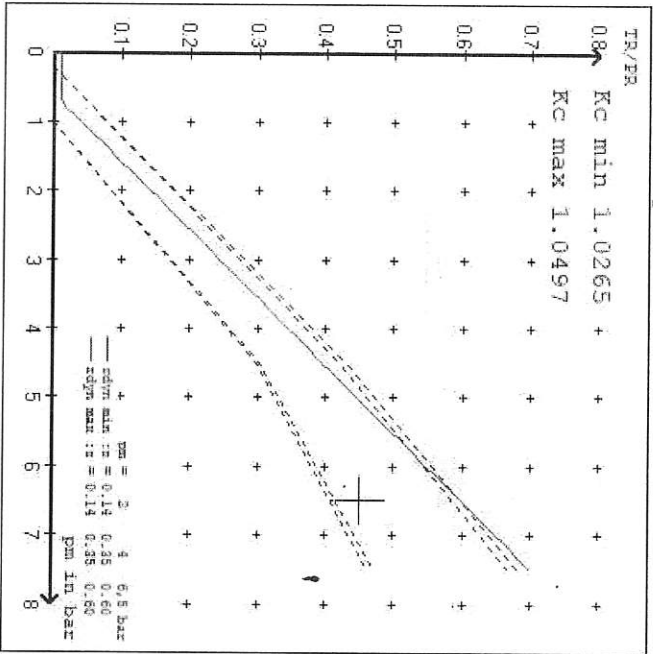
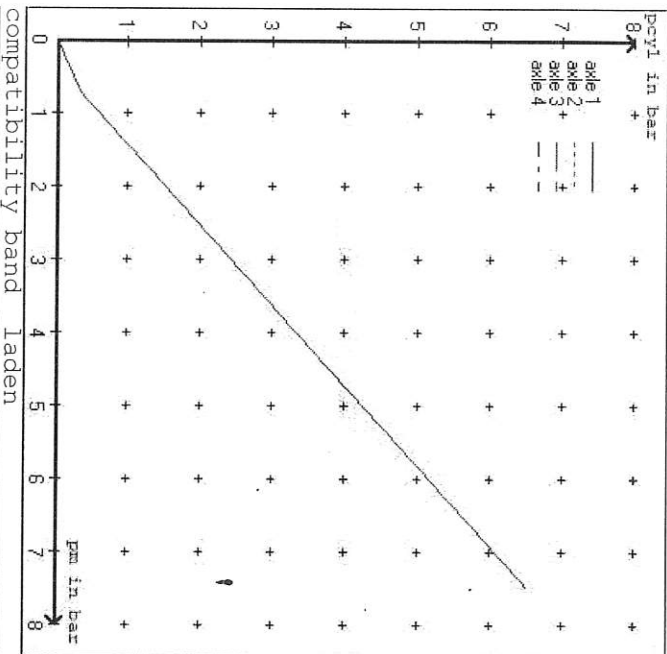
valve 1: 971 002 .... 0 WABCO  
EBS emergency valve

valve 2: 480 207 0... 0 WABCO or 480 207 2... 0  
EBS relay valve

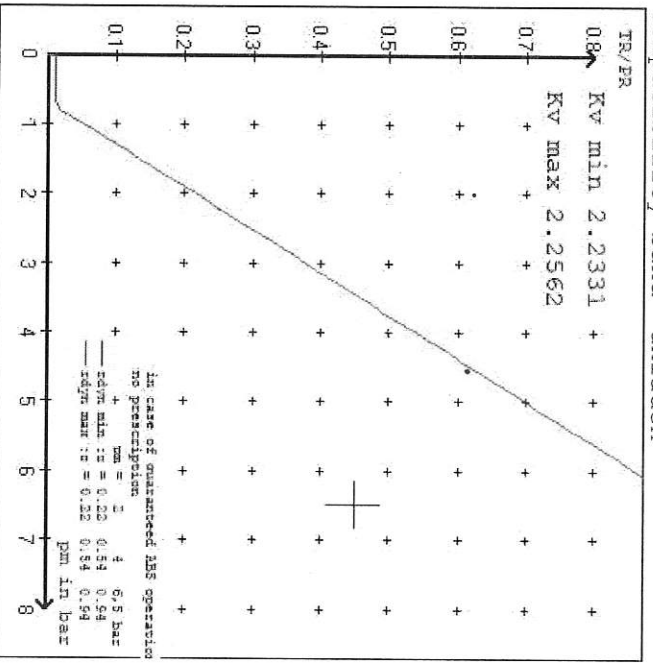
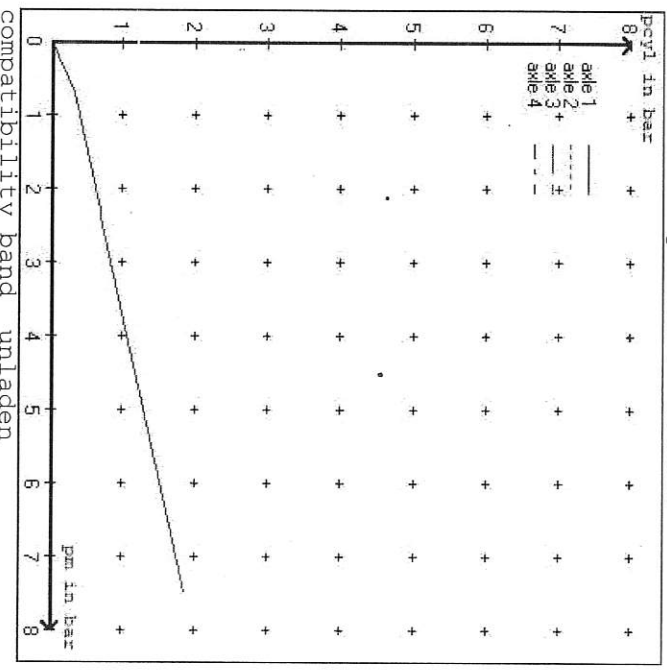
brake cylinder: Meritor 14HSCLD64

test type III (ZIII = 0.30) for rdyn min : axle1 axle2 axle3 axle4  
at pm 3.6 bar => pcha in bar : 2.9 2.9 2.9 2.9  
test type III (ZIII = 0.06) for rdyn min : axle1 axle2 axle3 axle4  
at pm 1.2 bar => pcha in bar : 0.8 0.8 0.8 0.8

brake chamber pressure laden



brake chamber pressure unladen



vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 4AS SKELETAL  
 trailer type : 4-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  
 axle 4 : 2 x type/diameter 14. (Meritor) lever length 69 mm

brake diagram : 841 701 050 0

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

EBS input data

=====  
 vehicle manufacturer: DOMETT TRAILERS  
 trailer model : 4AS SKELETAL  
 trailer type : 4-axle-semi-trailer  
 brake calculation no. : TP 52371S

tire circumference main axle : 2825 for rdyn max  
 tire circumference auxiliary axle : 2825 for rdyn max

assignment pm / deceleration z: pm 0.7 bar z = 0.010  
 2.0 bar z = 0.142  
 (laden condition) 6.5 bar z = 0.600

axle	control pressure pm		brake pr. unladen	axle load laden	control pressure pm		brake pr. laden		
	axle load unladen	bellow pr. unladen			bellow pr. laden	0.7	2.0	6.5	
1	1000	to be	1.6	6500	to be	0.3	1.5	5.6	
2	1000	entered by	1.6	6500	entered by	0.3	1.5	5.6	
3	1000	the vehicle	1.6	6500	the vehicle	0.3	1.5	5.6	
4	1000	manufact.	1.6	6500	manufact.	0.3	1.5	5.6	
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 4	
axle load	pcyl	axle load	pcyl	axle load	pcyl	axle load	pcyl
1000	1.6	1000	1.6	1000	1.6	1000	1.6
1500	2.0	1500	2.0	1500	2.0	1500	2.0
2000	2.3	2000	2.3	2000	2.3	2000	2.3
2500	2.7	2500	2.7	2500	2.7	2500	2.7
3000	3.1	3000	3.1	3000	3.1	3000	3.1
3500	3.4	3500	3.4	3500	3.4	3500	3.4
4000	3.8	4000	3.8	4000	3.8	4000	3.8
4500	4.1	4500	4.1	4500	4.1	4500	4.1
6500	5.6	6500	5.6	6500	5.6	6500	5.6

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 0678 ECE	date : 20130927 27.09.2013
axle 2 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0678 ECE	date : 20130927 27.09.2013
axle 3 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0678 ECE	date : 20130927 27.09.2013
axle 4 : reference axle: SAF	SBW 1937	brake lining: Jurid 539
test report :	TDB 0678 ECE	date : 20130927 27.09.2013

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

axle 1	(rdyn 449 mm)	T = 19.1 % Fe
axle 2	(rdyn 449 mm)	T = 19.1 % Fe
axle 3	(rdyn 449 mm)	T = 19.1 % Fe
axle 4	(rdyn 449 mm)	T = 19.1 % Fe

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

axle 1	(sp = 56 mm)	s = 48 mm
axle 2	(sp = 56 mm)	s = 48 mm
axle 3	(sp = 56 mm)	s = 48 mm
axle 4	(sp = 56 mm)	s = 48 mm

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

axle1	ThA = 5387 N
axle2	ThA = 5387 N
axle3	ThA = 5387 N
axle4	ThA = 5387 N

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

axle 1	(rdyn 449 mm)	T = 31242 N
axle 2	(rdyn 449 mm)	T = 31242 N
axle 3	(rdyn 449 mm)	T = 31242 N
axle 4	(rdyn 449 mm)	T = 31242 N

basic test	type III
of subject	(calculated)
trailer (E)	residual
	(hot)braking
	0.49

braking rate of the vehicle  
 (item 4.3.2 to appendix 2 to annex 11) 0.60

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

axle 1	(rdyn 449 mm)	T = 31242 N
axle 2	(rdyn 449 mm)	T = 31242 N
axle 3	(rdyn 449 mm)	T = 31242 N
axle 4	(rdyn 449 mm)	T = 31242 N

basic test	type III
of subject	(calculated)
trailer (E)	residual
	(hot)braking
	0.49

braking rate of the vehicle  
 (item 4.3.2 to appendix 2 to annex 11) 0.60

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



spring parking brake

```

no of TRISTOP-actuators per axle line KDZ
TRISTOP-actuator type          LBh in mm
Lever length                    rstat max in mm
stat. tyre radius               rstat max in mm

at a stroke of                  s      in mm
min. force of spring brake     TPFZ in N
sp.brake chamber no Meritor.... pls in bar
release pressure                4.8      4.8
    
```

axle 1      axle 2

2      2  
T.14/16      T.14/16  
69      69  
432      432

30      30  
6160      6160  
4      4

4.8      4.8

Calculation:

```

ratio until road                3.6827      3.6827
iFb = LBh*Eta*C*rBt/(rBn*rstat)
for rstat      in mm      432      432
brake force of spring br. Tf      in N      55374      55374
Tf = (TFZ*KDZ-2*Co/LBh)*iFb
braking rate                    zF laden      0.361
zF = 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

$$\min Ef = E * (1 - PR/P + zferf * h/E) / (1 - zferf / (fzul * nf/ng))$$

min Ef = 7190 mm      for E = 9200 mm

min Ef = 7682 mm      for E = 9910 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 = 2500 mm      height of center of gravity - laden

PR = 26000 kg      maximum bogie mass - laden

P = 42000 kg      maximum total mass - laden

nf = 2      no. of axle(s) with TRISTOP spring brake actuators

ng = 4      no. of bogie axle(s)





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

**CLIENT**

**MANUFACTURER:** DOMETT TRAILERS  
**ADDRESS:** TAURIKURA DRIVE, TAURANGA 3110  
**FLEET:** TOMOANA WAREHOUSING LTD

**VEHICLE DETAILS**

**VEHICLE TYPE:** 4AS SKELETAL **CERT #:** JH220412  
**YEAR:** 2022 **CALCULATION #:** TP52371  
**MAKE:** DOMETT **REGO #:** N/A  
**MODEL:** D5002 **LT400 #:** 830445  
**CHASSIS #:** 2200 **ORDER #:** 8935  
**VIN #:** 7A9D50029N2023200

**GVM: t** 42 **PRIME MOVER:** UNKNOWN  
**LOAD CONFIGURATION:** UNIFORM DENSITY

**GROUP RATINGS: t**

FRONT	REAR
16	26
9.2	

**WHEEL BASE: m**

UNLADEN COG m	MAX HEIGHT m	HEIGHT DECK m
0.66	4.3	1.38
2.496		

**COG: m**

FRONT	REAR	TOTAL
1.05	4.1	5.15

**TARE: t**

FRONT	REAR

**TYRE SIZE:** 355 50 R22.5

**ROLLING CIRCUMFERENCE: mm** 2860

**AXLE SPACING: m** 4

**BRAKE & AXLE DETAILS**

<b>AXLE:</b>	<b>MAKE</b>	<b>MODEL</b>	<b>TEST REPORT</b>
	SAF	SAF-B19	TDB0678
<b>STEER AXLE[S]:</b>	YES	<b>POLE WHEEL:</b>	90
<b>LINING MATERIAL:</b>	JURID 539	<b>BRAKE FACTOR:</b>	23.03
<b>SENSED AXLE(S):</b>	# 2 + # 4		
<b>SERIAL NUMBERS:</b>	<b>NOTES:</b>		
1			NG-IU28-BI9-19W
2			NG-IU28-BI9-19W
3			NG-IU28-BI9-19W
4			NG-IU28-BILL9-19W

**CHAMBER AND VALVING DETAILS**

	<b>AXLE 1 &amp; 2</b>	<b>AXLE 3 &amp; 4</b>	
<b>CHAMBERS:</b>	TSE CHAMBERS	TSE CHAMBERS	
<b>BRAND:</b>	1416HTLD	14HSCLD	
<b>SIZE:</b>	64	64	
<b>STROKE: mm</b>	BC0143.0	BZ122.1 Sep '00	
<b>TEST REPORT #:</b>	6.16	N/A	
<b>SPRINGBRAKE FORCE: kN</b>	4.8	N/A	
<b>HOLDOFF PRESSURE: Bar</b>	WABCO PAN19	WABCO PAN19	
<b>FOUNDATION BRAKE:</b>	69	69	
<b>LEVER LENGTH: mm</b>	<b>MAKE:</b>	<b>PART NUMBER:</b>	<b>P/M PRESS. kPa</b>
<b>BRAKE VALVES:</b>	WABCO	480 102 08.0 (MV)	70 kPa
<b>ECU PART #:</b>	WABCO	480 207 202 0 (12V)	70 kPa
<b>3RD MODULATOR #:</b>	YES		
<b>ANTI-COMPOUNDING:</b>	WABCO_PREV	971 002 900 0	
<b>SPRING BRAKE RELAY:</b>	WABCO-PREV	971 002 900 0	
<b>YARD RELEASE VALVE:</b>	N/A	N/A	
<b>INLINE RELAY FITTED:</b>			
<b>ECU DIRECTION:</b>	<input checked="" type="checkbox"/> FRONT	<input type="checkbox"/> REAR	

**SUBSYSTEMS:**

SMARTBOARD       OPTI-LINK       CAN ROUTER 446 122 050 0  
 ELEX 446 122 070 0       TAILGUARD

**SUSPENSION**

<b>SUSPENSION TYPE:</b>	<b>REAR</b>
<b>MAKE:</b>	ELECTRONIC
<b>MODEL:</b>	SAF_AIRSPRING
<b>BELLOW SIZE:</b>	SAF_INTRA
<b>HEIGHT CONTROL VALVE:</b>	2619, 300mm
<b>OTHER VALVES:</b>	441 050 100 0
<b>RIDE HEIGHT mm :</b>	463 090 500 0 (ETASC)
<b>HANGER HEIGHT mm :</b>	295
<b>PEDESTAL HEIGHT mm :</b>	200
<b>LIFTAXLE:</b>	50
<b>DUMP SWITCH:</b>	4TH AXLE
<b>LIFTAXLE VALVE:</b>	N/A
	463 084 050 0 (12v)

**AIR TANKS**

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

**AIR LINES**

<b>TEST POINTS:</b>	
<b>CONTROL LINE:</b>	x1
<b>FIXED AXLE CHAMBERS:</b>	x2
<b>STEER AXLE CHAMBERS:</b>	x1
<b>DUOMATIC COLOUR CODED:</b>	YES
<b>TANK:</b>	X 1

**ELECTRONIC HEIGHT SENSOR CALIBRATION**

	TIMER TICKS [F/R]	MILLIMETRE mm [F / R]
UPPER LEVEL:	1374	355
NORMAL LEVEL:	1318	295
LOWER LEVEL:	1254	220

**CHECKS AT COMMISSION OF VEHICLE**

CHAMBER BUNGS REMOVED:  VALVE MOUNTING:

ECU BLANKING PLUGS CHECKED:  PNEUMATIC DRILLED:

RESPONSE TIME: MODULATOR 2.1      MODULATOR 2.2      RELAY VALVE

ms:            

**NOTES AND SPECIAL CONDITIONS**

FILES RECEIVED: 18.01.2022

FILES CREATED: 14.04.2022

FILES SENT TO CIC:

FILES RETURNED AS COMPLETED:

REASON FOR CERTIFICATION: NEW TRAILER BUILD

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: 28/07/2022

SIGNED:

CERTIFIER NAME & ID:	CHRIS CLARKE	CIC
SODC BY:	JOHN HIRST	JEH

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.**

**EXCEPT 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***



## **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.

A handwritten signature in black ink, appearing to read 'J E Hirst', written over a horizontal line.

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





## **NOTICE TO VEHICLE OPERATOR**

### **WABCO Park Release Emergency Valve** **(PREV)**

This trailer is equipped with a WABCO PREV

Part # 971 002 900 0

Application of the park brake via the cab control valve will actuate and apply all service brakes on the trailer. In the event of a leak in the service brake system the Spring Brakes will automatically override and hold the vehicle in compliance to Land Transport Rule: Heavy-vehicle Brakes Rule 32015/5.

When the vehicle is presented for COF the trailer park brake system is tested by pulling the red actuation knob on the PREV, situated mid way down the chassis rail. The cab control in the prime mover does not have to be applied for this test procedure.

**If you are unsure of any aspect relating to this instruction please contact either the vehicle manufacturer or myself.**

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