



Heavy Vehicle Specialist Certificate

Heavy Vehicle Specialist Inspector and Inspecting Organisation

Heavy Vehicle Specialist Inspector's Name (PRINT IN CAPS)

RONALD STUART PRATT

ID
TRSP

Vehicle Registration*

VIN / Chassis Number

7A9D15021C1023106

Component being certified:

Chassis Modification

Load Anchorage

Log Bolsters

Certification Category

Towing Connection

Brakes

SRT

HVEK

Description of Work

Certify to Brake Rule 32015/2

Code/Standard Certified to

NZHVB Rule Schedule 5

Component Load Rating(s)

Mon Gross = 42000kg.

General Drawing Number(s)

NA

Supporting Documents

Brake Cert No JH 121105
ROR Quad EBS e

PREV Exemption HVB12/312

*Special Conditions

EBS control - warning lamp must illuminate when ignition switched on
and extinguish immediately OR when vehicle reaches 7kph.

Certification Expiry Date (if applicable)

NA

Hubodometer Reading (whichever comes first)

Declaration

I the undersigned, declare that I am the Heavy Vehicle Specialist Inspector identified above 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 Deed of Appointment. To the best of my knowledge the information contained in this Certificate is true and correct.

Designer's ID (if certified by a manufacturer)

Inspector's / Delegate's Signature

*Delegate's Name (PRINT IN CAPS)

Date

21/11/2012

Number

417979

COF Vehicle Inspector ID:

COF Vehicle Inspector Signature:

Date

All fields excluding those marked with * must be completed before this certificate can be accepted.



NZ TRANSPORT AGENCY
WAKA KOTAHU

NATIONAL OFFICE

50 Victoria Street
Private Bag 6895
Wellington 6141
New Zealand
T 64 4 894 4000
F 64 4 894 4100
www.nzta.govt.nz

Exemption: HV812/312

**EXEMPTION FROM SPECIFIED REQUIREMENTS OF LAND TRANSPORT RULE:
Heavy-vehicle Brakes 2006, Rule 32015**

Pursuant to Section 166(1) of the Land Transport Act 1998, and pursuant to the powers delegated to me, I Jackie Hartley, Administrator (Assessments) hereby exempt the motor vehicle specified in Schedule 1 hereto from the section of Land Transport Rule: Heavy-vehicle Brakes 2006 (the Rule) listed in Schedule 2, subject to the conditions specified in Schedule 3.

SCHEDULE 1:

Make/Model: **Domett Truck & Trailer Ltd, 4 axle semi trailer**
VIN/CHASSIS: **7A9D15021C1023106**

SCHEDULE 2: - Exempted Requirement

Section 2.3(9); The parking brake of a vehicle, whether or not it is being operated as a combination vehicle, must be able to be applied by the driver from the normal driving position using one control only.

SCHEDULE 3: - Conditions of this exemption:

- 1) The vehicle must be fitted with a Wabco park-release emergency valve (PREV), Part Number: 971 002 900 0.
- 2) The vehicle must be fitted with the Wabco PREV name plate. Part Number 971 002 103 4, adjacent to the PREV.
- 3) The vehicle must still be fitted with a parking brake that complies with all parking brake requirements in the Rule other than the requirement in Clause 2.3(9) of the Rule.
- 4) The installation of the PREV must be approved in writing by Gough Transpecs or an NZ Transport Agency appointed HVEK certifier acting on behalf of, and under instruction from, Gough Transpecs; Gough Transpecs must keep a written record of all approvals.
- 5) An HVEK certifier in 4) must be fully trained in end of line procedures for Wabco electronically controlled braking systems
- 6) Gough Transpecs must provide full operator training in the use of the PREV and furnish the operator with full written operating instructions for the PREV
- 7) The vehicle must not be modified in any way while operating under this exemption.
- 8) This original exemption must be kept by Gough Transpecs.
- 9) A copy of this exemption (printed on a silver WABCO Sticker) must be affixed to the exempted vehicle as close to the WABCO PREV as possible.
- 10) The sticker in 8) must be legible and include all printed areas of this original exemption letter.
- 11) This exemption can be revoked at any time in writing by the NZ Transport Agency.

Signed at Wellington this 10th day of October 2012.

Jackie Hartley
Administrator (Assessments)

HVBR WORKSHEET**(PROCEDURE & COMPLIANCE DOCUMENTATION SHEET)**CERTIFICATE No.

CUSTOMER NAME

CUSTOMER ORDER No.

DATE RECEIVED

VEHICLE TYPE

REG No. CHASSIS No. **BRIEF SPECIFICATION AS CERTIFIED TO HVBR****BRAKE CHAMBERS:**

Type: 1624 (TSE): Max stroke = 64 mm Lever length = 74 mm

Type: 16 (TSE): Max stroke = 64 mm Lever length = 74 mm

BRAKE VALVES:

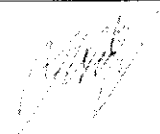
Ratio Valve Setting: EBS CONTROL

Test Points: 3 4 5 7**FRICITION LINING:** OEM Aftermarket

(All) Lining Brand ROR 8616 AF

EBS CONTROL: SPECIAL CONDITIONS APPLY – SEE INSTRUCTION ON LT400VALVES: AS PER DATA SHEET ATTACHEDTYRE SIZE: 355 50 R 22.5**NOTES**PACKING SLIP NO. PROCESS TIME: BRAKE CALCULATION TP50708: ROR DISC BRAKE.
MERITOR CHAMBERS IN TP50708 ARE TSECOMPLETION DATE : 15th Nov 2012

SIGNATURE




Statement of Compliance with the New Zealand Heavy Brake Rule

Documentation required to support Statements of Compliance with the New Zealand Heavy Brake Rule, to be made available to the Statutory Authority on request, must include all calculations and test reports.

Confirmation of compliance

I confirm that the vehicle identified on page 1 of this Statement of Compliance complies with all relevant requirements of the current New Zealand Heavy Vehicle Brake Rule 32015/2, Schedule 5.

Date: 15th Nov 2012

Signed: 

Certifier's identification

Name: J E Hirst

Phone (bus): (09) 980 7300 Fax (bus): (09) 980 7306

Postal address: Transport Specialties, Cnr Kerrs & Ash Roads

Wiri, Auckland, PO Box 98 971 Manukau City 2241

Position: JEH

Confirmation of continued compliance of modification

I confirm the brake system of the vehicle identified on page 1 of this Statement of Compliance as modified by myself, continues to comply with all the relevant requirements of the current New Zealand Heavy Vehicle Brake Rule 32015/2, Schedule 5.

Date: _____ Signed: _____

Certifier's identification: JEH

Name:

Phone (bus): (09) 980 7300 Fax (bus): (09) 980 7306

Postal address: Transport Specialties Ltd

Cnr Kerrs & Ash Roads, Wiri, Auckland

PO Box 98 971, Manukau City 2241



INFORMATION REQUIRED FOR TRAILERS TO COMPLY WITH THE NZ HVBC

CUSTOMER
DOMETT TRAILERS LTD (JH121105)

ADDRESS
HEWLETTS ROAD, TAURANGA

YEAR 2012	MAKE DOMETT
MODEL D1502	FULL TRAILER/SEMI Semi (Quad)
CHASIS NUMBER 1106	VIN 7A9D15021C1023106
GVM 42 000 KGS	REG

TARE TOTAL
7200-7400 KGS (EST)
FRONT KGS REAR 5300 KGS
SPLIT REQUIRED FOR FULL TRAILERS ONLY

CONFIGURATION
4 AXLE SEMI TRAILER
AXLE SPACING FRONT REAR
mm 3999 mm
MAXIMUM WEIGHT FOR 1ST TO LAST SPREAD 37000KGS

AXLE MAKE/MODEL
ROR, Elsa 195 LE, 36107104 ECE, (Disc Brake)

S-CAM RADIUS	EFFICIENCY
DRUM RADIUS	100Nm PRESSURE

OR

PRESS IN/TORQUE OUT 100Nm	50 kPa
PRESS IN/TORQUE OUT 650kPa	9.6 kNm

CHAMBER SIZE	FRONT 1624 (TSE)	REAR 16 (TSE)
SPRINGBRAKE FORCE	FRONT 7.6 kN	REAR
SPRINGBRAKE HOLD OFF PRESSURE	FRONT 480 kPa	REAR

SLACK LENGTH 74 mm	LINING MATERIAL
LINING COF N/A	ROR 8616 AF

SUSPENSION TYPE REACTIVE/NON REACTIVE
FRONT NON REACTIVE (WEWELER 300 mm Bag)
REAR NON REACTIVE (WEWELER 300 mm Bag)

TYRE SIZE	FRONT 355 50 R 22.5	REAR 355 50 R 22.5
WHEELBASE 9.2 M		
UNLADEN COG 1.33 M		
LOADED COG FROM SRT – FULL TRAILERS ONLY 2.2 M		
DISTANCE FRONT GROUP TO LOAD COG – FULL TRAILERS ONLY M		

BRAKE VALVES WABCO EBS E VERSION	
PRIMARY RELAY 480 102 0.. 0	CRACK PRESS N/A
SECONDARY RELAY 480 307 202 0	CRACK PRESS N/A
SPRING BRAKE RELAY N/A	ANTI COMPOUND <u>YES/NO</u> YES (VIA PEM)
LOCKED RATIO N/A	LOAD SENSE VALVE N/A
PARK BRAKE 971 002 900 0	
OTHER VALVES	

AIR TANKS TO STANDARD? SAE J10
SIZE FRONT 46 LTR
SIZE REAR 46 LTR
AUXILIARY WITH PROTECTION YES – VIA P.E.M. (46Ltr)

TEST POINT FITTED?

<u>FRONT CHAMBER</u>	N/A
<u>REAR CHAMBER</u>	YES (x2 @ 3 rd Axle)
<u>TANK</u>	YES : Pressure monitored in ecu
<u>RATIO/LSV NO.1 IN</u>	N/A
<u>RATIO/LSV NO.1 OUT</u>	N/A
<u>RATIO/LSV NO.2 IN</u>	N/A
<u>RATIO/LSV NO.2 OUT</u>	N/A

<u>DUOMATIC CONNECTIONS COLOUR CODED?</u>	YES
<u>DUOMATIC CHECK VALVES HOLED?</u>	YES

NOTES:-
PREV EXEMPTION : HVB12/312
TEST POINT AT CLF
Brake Calculation number TP50708: MERITOR CHAMBERS ARE TSE

GOUGH

Transpecs

P.O.Box 98-971

South Auckland Mail Centre

J.HIRST (JEH)

DATE 15-Nov-12 BRAKE SYSTEM WABCO TEBSE

CERT. NO. JH121105 PREV EXEMPTION HVB12/312

VIN / CHASSIS 7A9D15021C1023106

BRAKE CHAMBERS FRONT 1624 HTLD64 (TSE Max Stroke - 64mm)

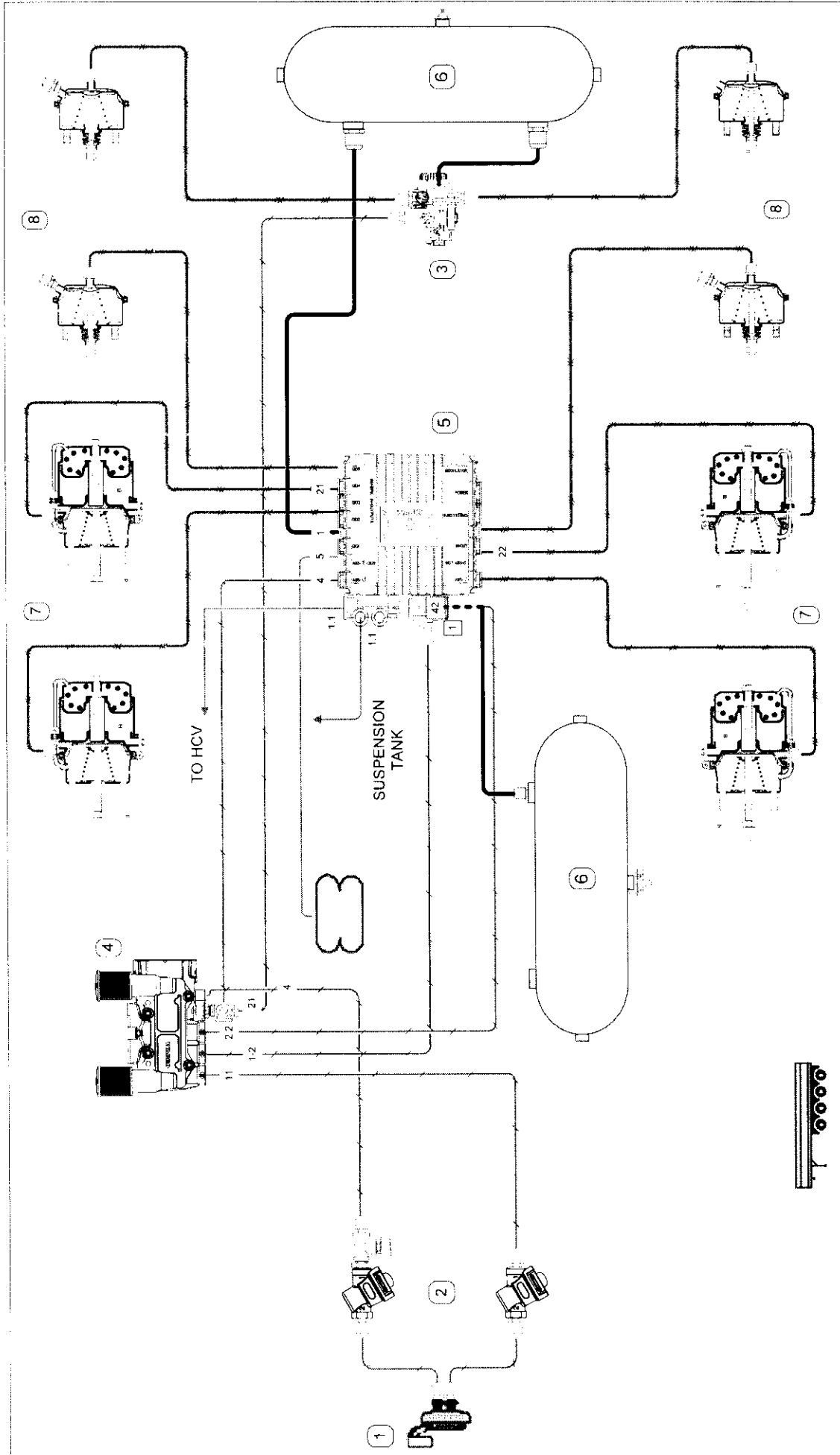
BRAKE CHAMBERS REAR 16 HSCLD64 (TSE Max Stroke - 64mm)

SLACK LENGTH FRONT 74 mm TYRE SIZE FRONT 355 50 R 22.5

SLACK LENGTH REAR 74 mm TYRE SIZE REAR 355 50 R 22.5

THIS VEHICLE COMPLIES WITH THE NZ LINING MATERIAL FRONT ROR 8616 AF

HVBR 32015/2 - SCHEDULE 5 LINING MATERIAL REAR ROR 8616 AF

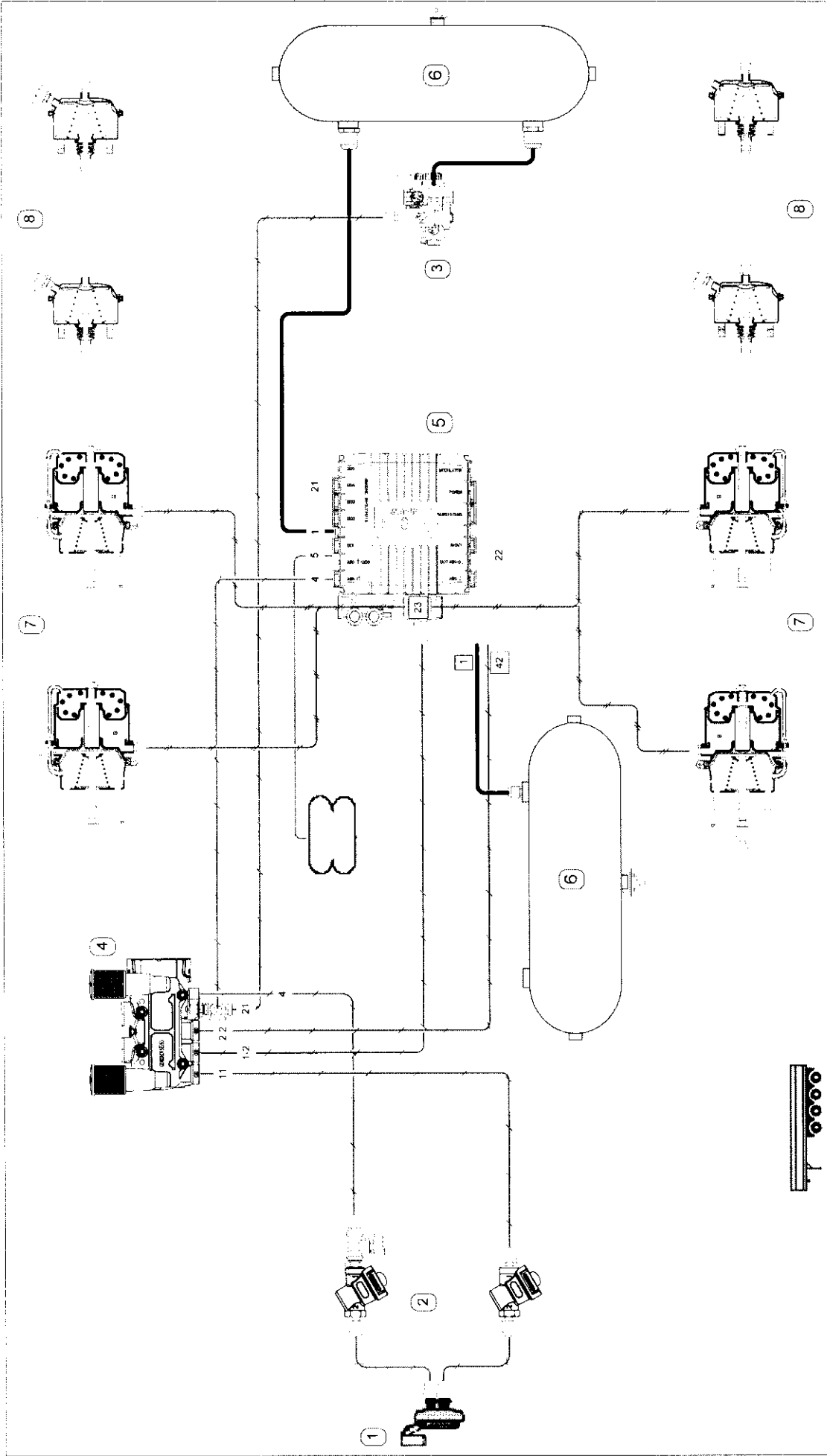


ITEM	QTY	PART NO.	DESCRIPTION	ITEM	QTY	PART NO.	DESCRIPTION
1	1	452 802 000 S	WABCO DUOMATIC SEMITRA	9			
2	2	432 500 020 0	WABCO FILTER	10			
3	1	480 207 202 0	WABCO 3 RD MODULATOR	11			
4	1	971 002 900 0	WABCO PREV	12			
5	1	480 102 0	WABCO EBS ECU				
6	2	12113P/2553P	46/50 Ltr AIR TANK				
7	4	1624HTLD	TSE SPRING BRAKE CHAMBER				
8	4	16H5CLD	TSE SERVICE BRAKE CHAMBER				

ITEM	QTY	DESCRIPTION
3/8" Rubber		
3/8 Rubber		
1/2" Rubber		
15mm Nylon		
12mm Nylon		
8mm Nylon		
8mm Nylon		
8mm Nylon		

DOMETT T&T	
EBS 4 AXLE SEMI DISC	
S/P	REV
A4	1
SPEC REFERENCE	KIT NUMBER
1106	DOMQUOD/DIEBS
SCALE	





ITEM	QTY	PART NO	DESCRIPTION	ITEM	QTY	PART NO	DESCRIPTION
1	1	452 802 000 S	WABCO DUOMATIC SEMTRA	9			
2	2	432 500 020 0	WABCO FIL TFR	10			
3	1	480 207 001 0	WABCO 3" MODU-LATOR	11			
4	1	971 002 900 0	WABCO PREV	12			
5	1	480 102 0	WABCO EBS ECU				
6	2	12113P-12593P	46/50 Lit AIR TANK				
7	4	2433**	TSE SPRING BRAKE CHAMBER	**	4	1416CC/DISC	TSE DISC OPTION
8	4	24S**	TSE SERVICE BRAKE CHAMBER	**	4	14S/DISC	TSE DISC OPTION

PIPING LEGEND

	3/8" Rubber
	3/8" Rubbe
	1/2" Rubbe
	15mm Nylon
	12mm Nylon
	8mm Nylon
	8mm Nylon
	8mm Nylon
	8mm Nylon

DOMETT T&T

EBS 4 AXLE SEMI DISC

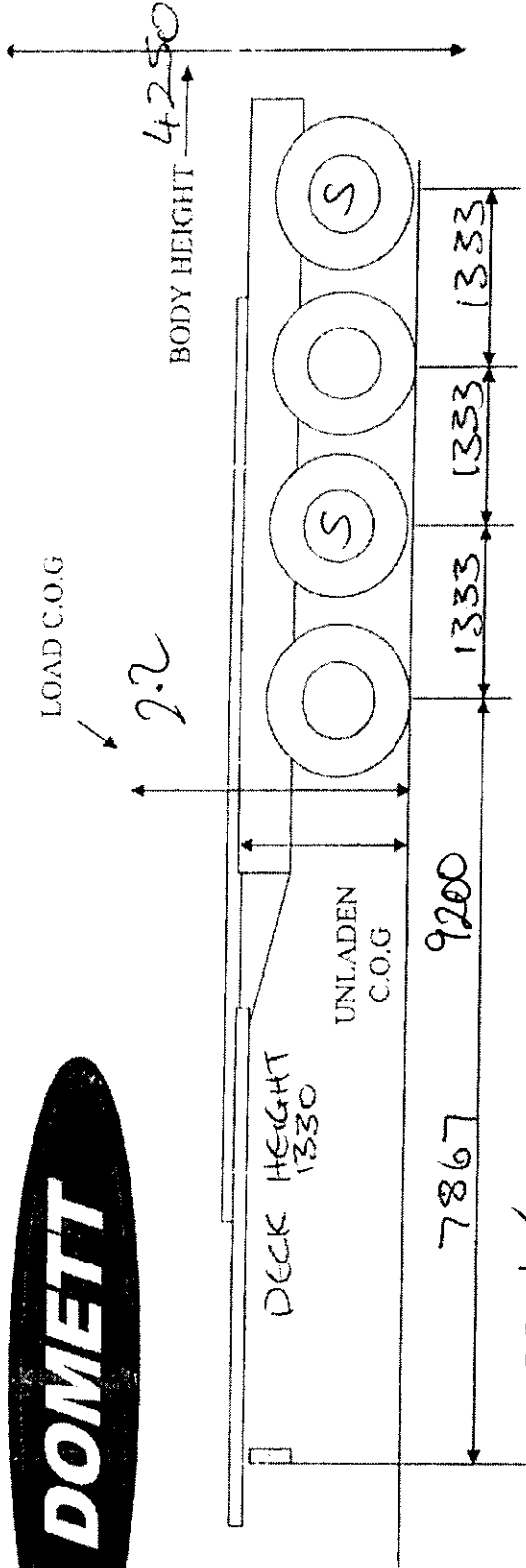
S/T	1106	DOMQUOD/DEBS	1
A4			
SCAT			

GOUGH Transpex

WABCO



T421105
T42108



PREV ✓

MAKE	DOMETT
MODEL	D1502
CHASSIS NO.	11086
TYPE	4 axle semi platform trailer
GVM	42000
KINGPIN LOAD (JADEN)	18000
TARE WEIGHT REAR GROUP	~ 5300
TOTAL TARE	~ 7320
AXLE TYPE / MAKE	ROL Lm/s 9010 Km XA
AXLE TEST REPORT # (TDB or RDW)	361-0022-02 KBKV - steerer 361-0071-04 FBKV - Fixed.
SUSPENSION	WHEELER
TYRE SIZE	P L W MC.S 30L 265.0 355/50/R22.5
BRAKE CHAMBER SIZES	16 # 41231588

ORDER NUMBER 3930
VIN NUMBER 799D15021C1023106

ABS
EBS
LSV

VOLTAGE: 12V 24V MultiVolt

PRIME MOVER MAKE _____
Airbrake P = F-7660 # - ASSUMED INSTANT MASS.
1402

PLEASE INDICATE STEER AXLE(S)

FIXED 123
Steerer 4

300 - .5
6000 - 3.9

16/24 # 41231590 / TSE A 3-22-02
41231591

WABCO

START-UP PROTOCOL

System	Trailer EBS-E	WABCO part number	480 102 080 0
Production date	2012-06-27	Serial number	897000476100L
Serial number (modulator)	000000016198		
Fingerprint Customer EOL / Customer Development / Flash Program	W033869 / 2012-11-21 ; 00000000 / 0000-00-00 ; 00000000 / 0000-00-00		

WABCO

TRAILER EBS-E

GGVS/ADR TUEH TB 2007 - 019.00
361-0071-04

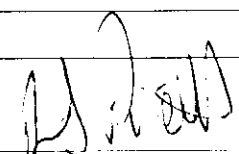
HERSTELLER MANUFACTURER CONSTRUCTEUR	DOMETT T&T		
TYP TYPE TYPE	4AS PLATFORM		
FAHRZEUG IDENTNR. CHASSIS NUMBER NUMERO DE CHASSIS	7A9D15021C1023106		
BREMSBERECHNUNGS-NR. BRAKE CALCULATION NO. CALCUL DE FREINAGE NO	TP50708		
POLRADZAHNZAHL c-d e-f POLE WHEEL TEETH c-d e-f DENTS ROUE DENTÉE c-d e-f	90	90	ABS System ABS-System Système ABS
RSS RSS RSS	Einachsbereifung Single Tyre Monte simple	X	Leitachse Steering axle Essieu directeur
	Zwillingsbereifung Twin Tyre Monte jumelée		X
Subsystems	SB	I/O	

GIO	Pin1	Pin3	Pin4
1	---	---	---
2	---	---	---
3	SAC	RDL	---
4	---	---	---
5	DIAG	DIAG	DIAG
6	---	---	---
7	---	---	---

ACHSE AXLE ESSIEU	pm (bar)			6.5			pm (bar)			0.7			2.0			6.5			TYP TYPE	(mm)	(mm)	(bar)	
	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	(kg)	1.0	Pz					
1	1300	0.5	2.1	6000	3.9	0.5	1.5	---	5.0	-	16 / 24	64	74	349	2644								
2	1300	0.5	2.1	6000	3.9	0.5	1.5	---	5.0	-	16 / 24	64	74	349	2644								
3	1300	0.5	2.1	6000	3.9	0.5	1.5	---	5.0	-	16	64	74	349	2644								
4	1300	0.5	2.1	6000	3.9	0.5	1.5	---	5.0	-	16	64	74	377	2668								
5	0	---	---	0	---	---	---	---	---	-	---	---	---	---	---								

Diagnostic memory	OK	Warning lamp control	OK
Parameter setting	carried out	Stop light power supply	Not tested
EBS pressure test	OK	Lifting axle test	Not tested
Redundancy test	OK	ECAS distance sensor calibration	Not tested
ABS sensor assignment	OK	Distance sensor Axle load calibr	Not tested
RTR check	Not tested	Leak test	Not tested
Immobilizer test	Not tested	Signal outputs TEBS	Not tested
Signal inputs	Not tested		

Diagnostic memory ELEX	Not tested	Signal outputs ELEX	Not tested
TailGUARDlight	Not tested	TailGUARD	Not tested

Manufacturer	DOMETT T&T	Vehicle ident. no	7A9D15021C1023106
Vehicle type	4AS PLATFORM	Odometer reading	0.0 km
next Service	0 km	Trip reading	0.0 km
Tested by	Ron Pratt	Signature 	
Date	2012-11-21 10:28:57 AM		