



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

7A85NOJ0296008623

Component being certified:

Chassis Modification

Load Anchorage

Log Bolsters

Certification Category

HVEK

Towing Connection

Brakes

SRT

Description of Work

Certify to Brake Rule 32015

Code/Standard Certified to

NZHVB Rule schedule 5

Component Load Rating(s)

General Drawing Number(s)

NA

Supporting Documents

Brake cert No RR100906

PREU Value Exemption No HVB10/294

*Special Conditions

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

Certification Expiry Date (if applicable)

NA

or

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

R. Pratt

*Delegate's Name (PRINT IN CAPS)

Date

07/09/2010

Number

351744

COF Vehicle Inspector ID:

COF Vehicle Inspector Signature:

Date

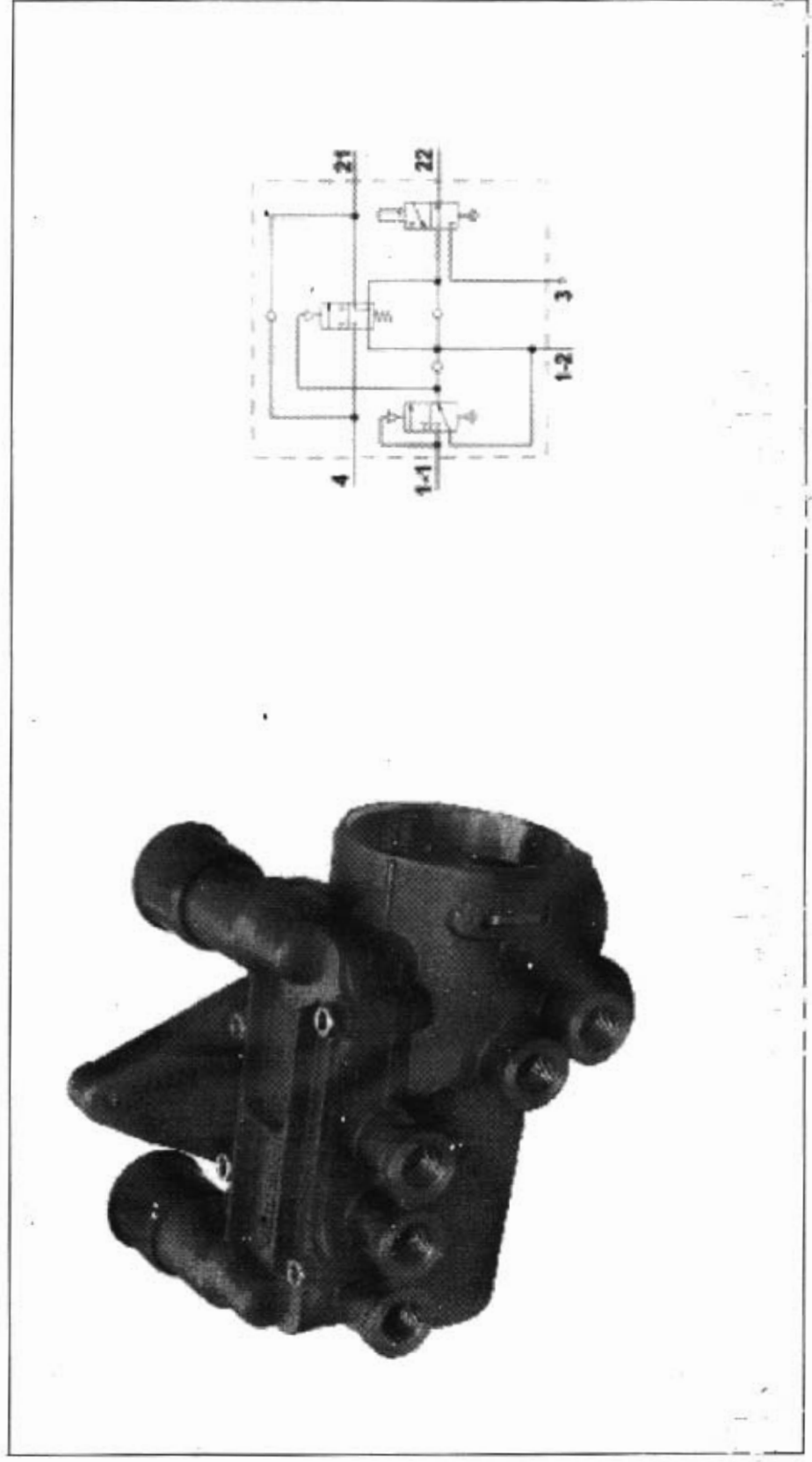
All fields excluding those marked with * must be completed before this certificate can be accepted.

T/S/A



Market information

Park-release emergency valve (PREV) | 971 002 900 0



Market information

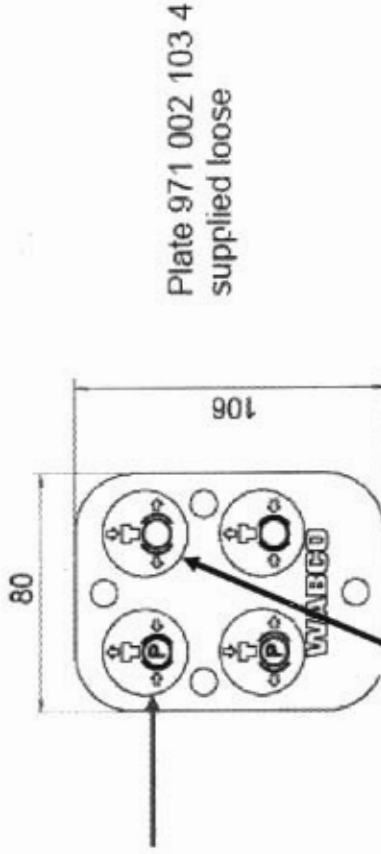
Technical information release: **Wabco PREV ID # 971 002 900 0**

New trailers manufactured in NZ after the 1st January 2009 may be equipped with Wabco's Park Release Emergency Valve (PREV) subject to obtaining an exemption from NZTA. The PREV replaces the standard Spring Brake Control & Yard Release valves to significantly enhance vehicle control & stability.

The valve may be located mid way down the side of the chassis rail or front dolly & can be identified by the prominent Red & Black control knobs spaced 120mm apart, housed in one assembly. The name plate, shown below, will help identify the unit and illustrate the operating procedure.

When the park brake is applied in the towing vehicle, the Service brakes are applied on the trailer. The trailer Park brake is applied by pulling the Red control knob.
The Parking Brake performance of the trailer is therefore checked on the Brake Roller Machine by pulling the Red park brake control knob.
If the trailer is detached from the prime mover, please apply the Park brake.

The Black control knob is used to manoeuvre the trailer when not connected to a prime mover.





**HEAVY VEHICLE BRAKE RULE
WORKSHEET**
(PROCEDURE DOCUMENTATION SHEET - PDS)
&
CONFIRMATION OF COMPLIANCE

CERTIFICATE No.

CUSTOMER NAME

CUSTOMER ORDER No.

DATE RECEIVED

VEHICLE TYPE

REG No.

CHASSIS No.

BRIEF SPECIFICATION AS CERTIFIED TO SCHEDULE 5

BRAKE VALVES:

Primary Relay

Make: WABCO Type: 480/102/064/0

Secondary Relay

Make: WABCO Type: 480/207/001/0

Spring Brake Relay

Make: WABCO Type: 971/002/900/0 PREV Valve _____

Park Brake Release Valve

Make: Wabco Type: 971/002/900/0

Locked Ratio

Make: _____ Type: _____ Setting: _____

Load Sense Valve

Front: Make: EBS Type: _____

Settings: Laden: _____ Unladen: _____

Load Sense Valve

Rear: Make: EBS Type: _____

Setting: Laden: _____ Unladen: _____



Document: B1083047
Exemption: HVB10/294

**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 Eugene Girardin, Vehicles Unit Engineer, 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: **Evans Eng Ltd, 4 Axle Full trailer**
VIN/CHASSIS: **7A85N0J0296008623**

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 Transport Specialties Limited (Transpecs) or an NZ Transport Agency appointed HVEK certifier acting on behalf of, and under instruction from, Transpecs; 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) 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 Transport Specialties LTD.
- 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 area's 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 2nd day of August 2010

Eugene Girardin
Engineer
Vehicles Unit

Other Valves

Make: WABCO _____ Type: line Filters _____ Setting: X 2 _____

Make: _____ Type: _____ Setting:- _____

Make: _____ Type: _____ Setting: _____

Make: _____ Type: _____ Setting:- _____

Comments:

BRAKE CHAMBERS:

Front: Make TSE Type: 14 STROKE: 64 mm
Rear: Make TSE Type: 14/16 STROKE: 64 mm

SLACK ADJUSTER:

Front Length (mm)_ Disc _____ Rear Length (mm)_ Disc _____

BRAKE CALIPERS: Type Wabco_Pan19+ _____

FRICION MATERIAL:

| | | |
|----------------------|-------------|---------------|
| | <u>OEM</u> | Aftermarket |
| (Front) Lining Brand | __Jurid 539 | -----Grade AF |
| (Rear) Lining Brand | __Jurid 539 | GRADE AF |

OTHER:

TYRES __265/70R19.5

NOTES:

PACKING SLIP NO.

PROCESS TIME:

35

Confirmation of compliance

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

Date: 07/09/2010 Signed: *R Pratt*

Certifier's identification

Name & ID: RON PRATT (TRSP)

Phone (bus): 09 9807300 Fax (bus): 09 9807306

Postal address: TRANSPORT SPECIALTIES LTD
PO BOX 98-971,
MANUKAU CITY,
MANUKAU 2241

Position: TRSP (HVEK)

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, Schedule 5.

Date: _____ Signed: _____

Certifier's identification: _____

Name: _____

Phone (bus): _____ Fax (bus): _____

Postal address: _____

Position: _____

Comments:

NOTICE TO VEHICLE OPERATOR

THIS VEHICLE HAS A BRAKE SYSTEM WHICH HAS BEEN DESIGNED AND FITTED IN ACCORDANCE WITH THE NEW ZEALAND HEAVY VEHICLE BRAKE RULE 32015: SCHEDULE 5.

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

PLEASE REFER TO THE CERTIFIER FOR FURTHER INFORMATION.

EXCERPT FROM NZ HEAVY VEHICLE BRAKE RULE 32015

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 the rule : and*
- (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 a person or organisation appointed to carry out specialist inspection and certification of heavy vehicle brakes.*


10.5 Responsibilities of manufactures and retailers

A person may manufacture, stock, or offer for sale a brake or its components. Intended for fitting to a vehicle to be used on New Zealand roads, only if that brake or component:

- (a) complies with this Rule: and*
- (b) does not prevent a repair to a vehicle, its structure, systems, components and equipment from complying with this Rule.*

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 Land Transport Safety Authority if dissatisfied with a Compliance issue. (refer LTNZ Deed Of Appointment Para 47.4) Land Transport NZ Helpdesk 0800 699 000*


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R S PRATT
(TRSP HVEK)

NOTICE TO VEHICLE OPERATOR

This trailer is equipped with an Electronic Brake System.

To comply with the New Zealand Heavy Vehicle Brake RULE, 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.

NB:

If this vehicle is fitted with mechanical (spring) suspension, the load sense valving has been adjusted to suit exactly the performance of the original springs. In event of replacement being required, original equipment springs **must** be fitted to ensure correct ongoing operation. Fitment of non genuine springs can affect operation and therefore, compliance.

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



R S Pratt
(TRSP HVEK 09 980 7300)



QUALITY ON THE MOVE

P.O.Box 98-971

South Auckland Mail Centre

Ronald Stuart Pratt (TRSP)

DATE 7-Sep-10 TYPE APPROVED NO

CERTIFICATE No RP100906 4AFTSAFEBBS-Edisc

VIN No 7A85N0J0296008623

BRAKE CHAMBERS FRONT 14TSE 64mm Prev Exempt No HVB10/260

BRAKE CHAMBERS REAR 14/16TSE 64mm LOAD SENSED Yes EBS Control

SLACK LENGTH FRONT Disc TYRE SIZE FRONT 265/70R19.5

SLACK LENGTH REAR Disc TYRE SIZE REAR 265/70R19.5

THIS VEHICLE COMPLIES WITH N.Z.H.V.B.R. LINING MATERIAL FRONT Jurid 539 AF

32015 SCHEDULE 5 LINING MATERIAL REAR Jurid 539 AF

WABCO**TRAILER EBS-E**GGVS/ADR TUEH TB 2007 - 019.00
TDB0749

| | | | | | | | | | |
|--|--|----------------------|----|--|-------|-----|------|------|------|
| HERSTELLER MANUFACTURER CONSTRUCTEUR | | Domett Evans Rebuild | | | | GIO | Pin1 | Pin3 | Pin4 |
| TYP TYPE | | 4A Full Tanker | | | | 1 | --- | --- | --- |
| FAHRZEUG IDENTIF. CHASSIS NUMBER NUMERO DE CHASSIS | | 7A85N0J0296008623 | | | | 2 | --- | --- | --- |
| BREMSBERECHNUNGS NR. BRAKE CALCULATION NO. CALCUL. DE FREINAGE NO. | | TP50431 | | | | 3 | ALS2 | ALS2 | --- |
| POLRADZÄHNEZAHN, c-d a-f POLE WHEEL TEETH c-d a-f DENTS ROUE DENTISE c-d a-f | | 90 | 90 | ABS-System ABS-System Système ABS | 4S/3M | 4 | --- | --- | --- |
| RSS RSS RSS | Einachsereifung Single Tire Monte simple | | | Lenkachse Steering axle Essieu avant | | 5 | DIAG | DIAG | DIAG |
| | Zwillingsreifung Twin Tire Monte jumelle | X | | Kippenliches Fahrzeug Critical Trailer Véhicule critique | | 6 | --- | --- | --- |
| Subsystems | | --- | | I/O | | 7 | --- | --- | --- |



| ACHSE AXLE ESSEU | pm (bar) | | | pm (bar) | | | pm (bar) | | | TYP TYPE | (mm) | (mm) | (bar) | | |
|------------------------|----------|-----|-----|----------|-----|-----|----------|-----|-----|-------------|---------|----------|-------|-----|-----|
| | 1.0 | 6.5 | 6.5 | 0.8 | 2.0 | 6.5 | 0.8 | 2.0 | 6.5 | | | | 1.0 | Pz | |
| | TR (daN) | | | TR (daN) | | | TR (daN) | | | TR (daN) | | TR (daN) | | | |
| 1 | 1450 | 0.7 | 1.6 | 7000 | 4.6 | 0.4 | 1.2 | --- | 5.8 | - | 14 | 64 | 69 | --- | --- |
| 2 | 1450 | 0.7 | 1.6 | 7000 | 4.6 | 0.4 | 1.2 | --- | 5.8 | - | 14 | 64 | 69 | --- | --- |
| 3 | 1250 | 0.6 | 1.2 | 7000 | 4.6 | 0.4 | 1.3 | --- | 4.6 | - | 14 / 16 | 64 | 69 | --- | --- |
| 4 | 1250 | 0.6 | 1.2 | 7000 | 4.6 | 0.4 | 1.3 | --- | 4.6 | - | 14 / 16 | 64 | 69 | --- | --- |
| 5 | 0 | --- | --- | 0 | --- | --- | --- | --- | --- | - | --- | --- | --- | --- | --- |