



Trailer EBS – The Lowdown on the Download

Tony Cheyne

WABCO Australia



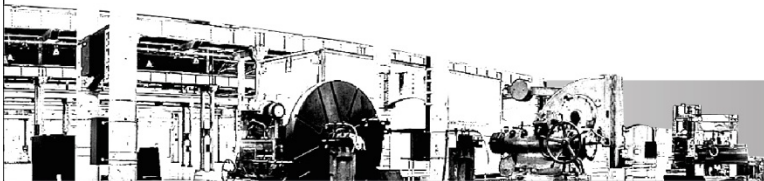
System ID – What Brand?

WABCO				TRAILER EBS			
WABCO				Muster			
WABCO Muster				WDE 0815			
100				4S/3M			
100				TH+			
RSS-D				90			
6.5				0.7			
1				2			
2				3			
3				4			

D Version

WABCO				TRAILER EBS-E			
WABCO				Sattelanhänger			
1234567890				WDE123456			
100				4S/2M			
X				24N			
8				8			
pm (bar)				pm (bar)			
1				2			
2				3			
3				4			
4				5			
5				6			

E Version



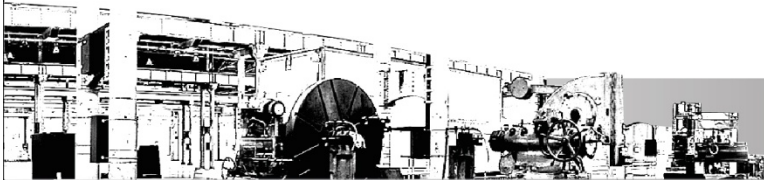
Diagnosis – which system?



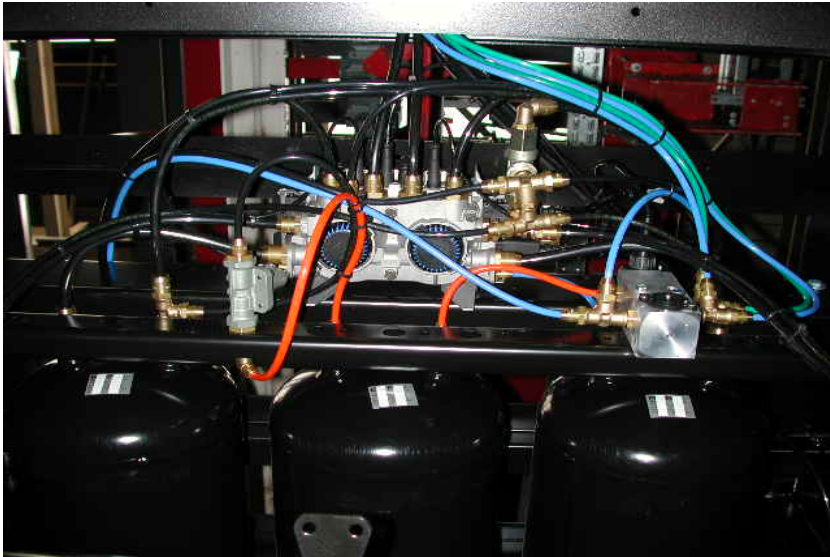
D Version



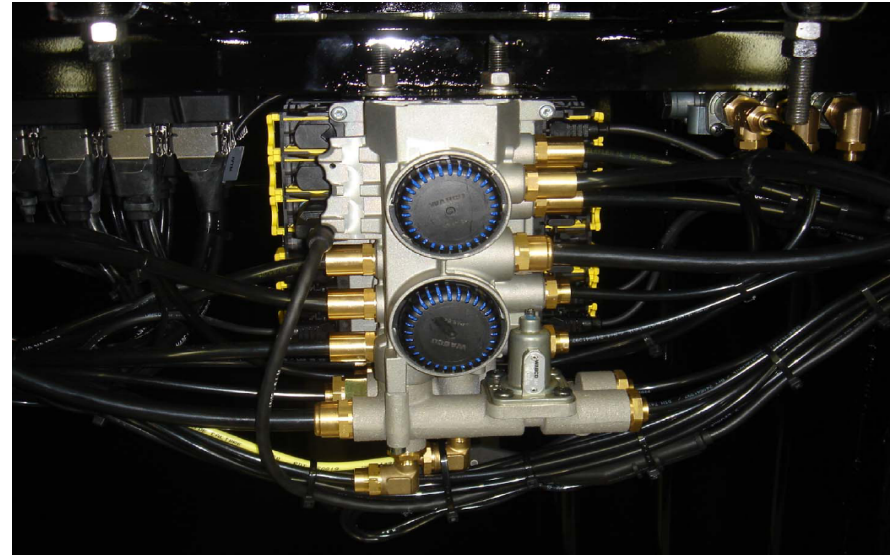
E Version



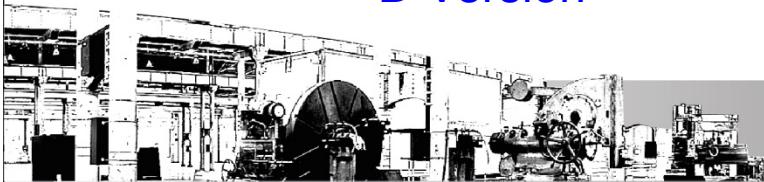
Diagnosis – which system?



D Version



E Version



What Equipment?



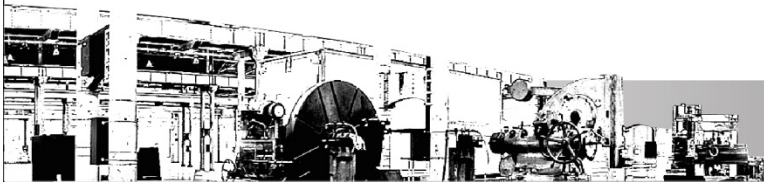
D Version



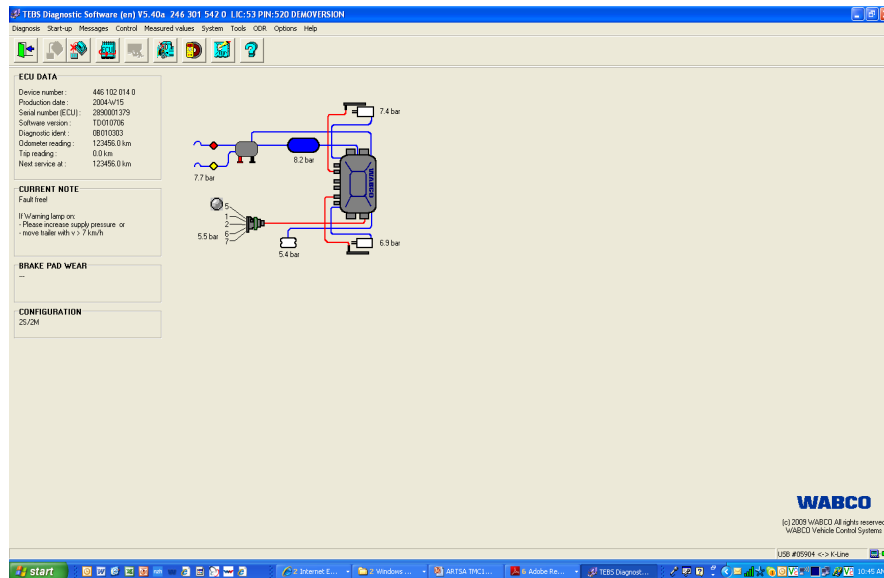
All



E Version

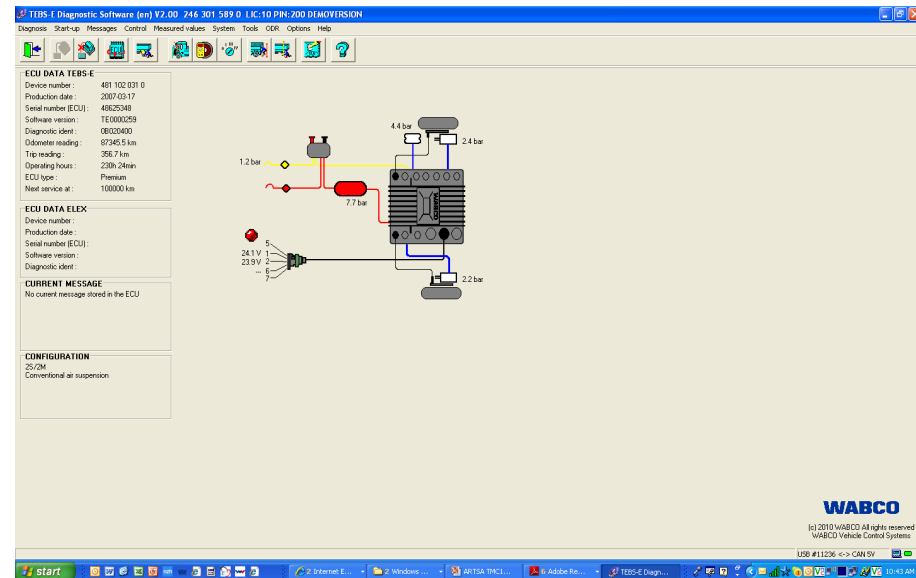


What Software?

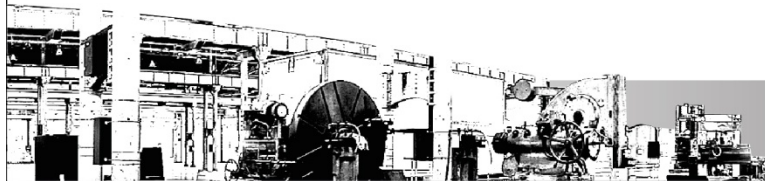


D Version

Downloads, managed from
local Australian office.



E Version



Am I connected?

TEBS-E Diagnostic Software (en) V2.00 246 301 589 0 LIC:10 PIN:200 DEMOVERSION

Diagnosis Start-up Messages Control Measured values System Tools ODR Options Help

ECU DATA TEBS-E

Device number : 481 102 031 0
Production date : 2007-03-17
Serial number (ECU) : 48625348
Software version : TE0000259
Diagnostic ident : 08020400
Odometer reading : 87345.5 km
Trip reading : 356.7 km
Operating hours : 230h 24min
ECU type : Premium
Next service at : 100000 km

ECU DATA ELEX

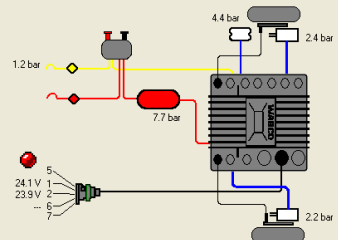
Device number :
Production date :
Serial number (ECU) :
Software version :
Diagnostic ident :

CURRENT MESSAGE

No current message stored in the ECU

CONFIGURATION

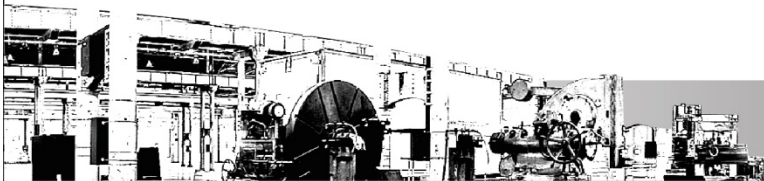
25/2M
Conventional air suspension



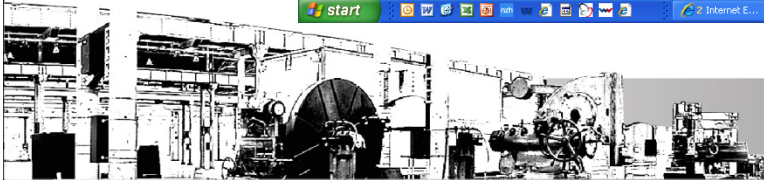
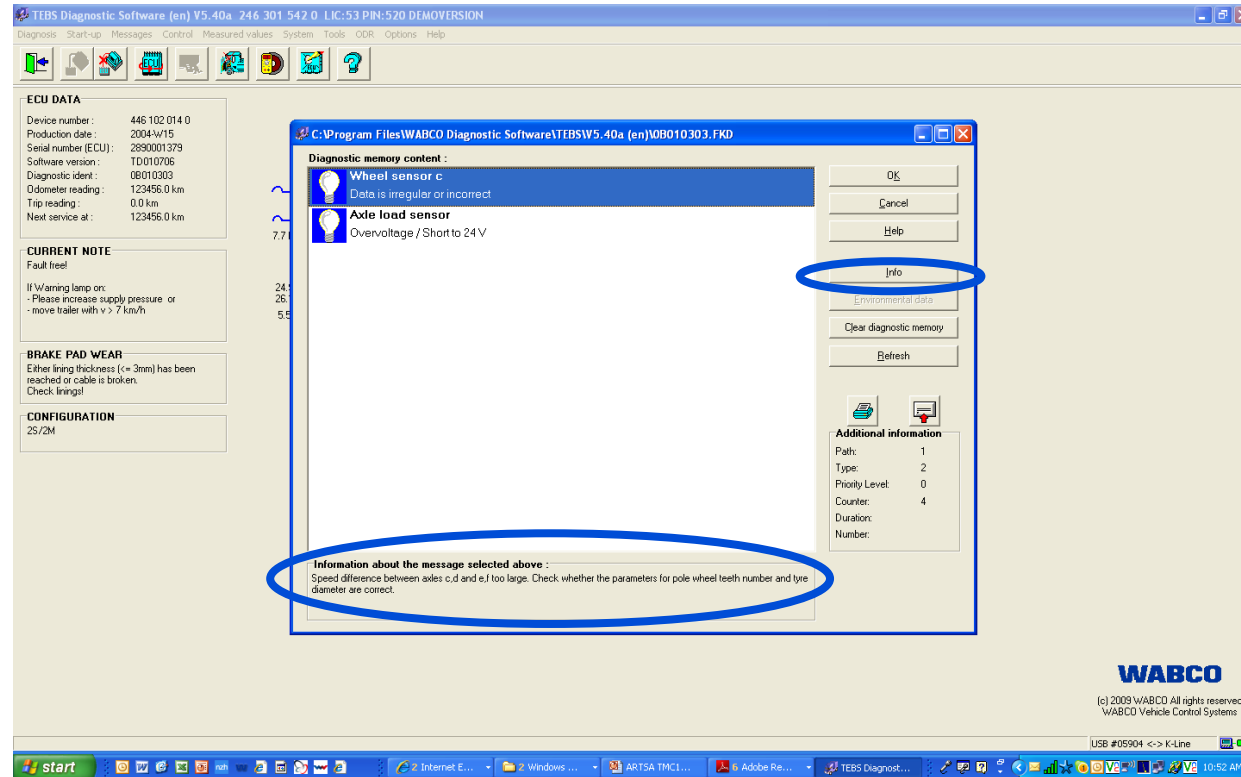
WAPCO
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WAPCO Vehicle Control Systems

USB #112 <-> CAN SV

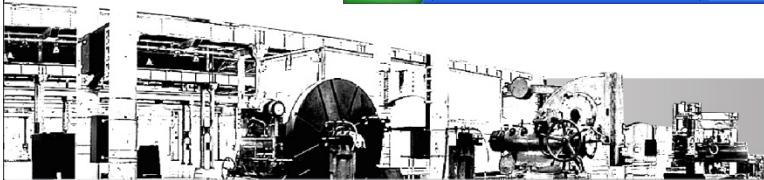
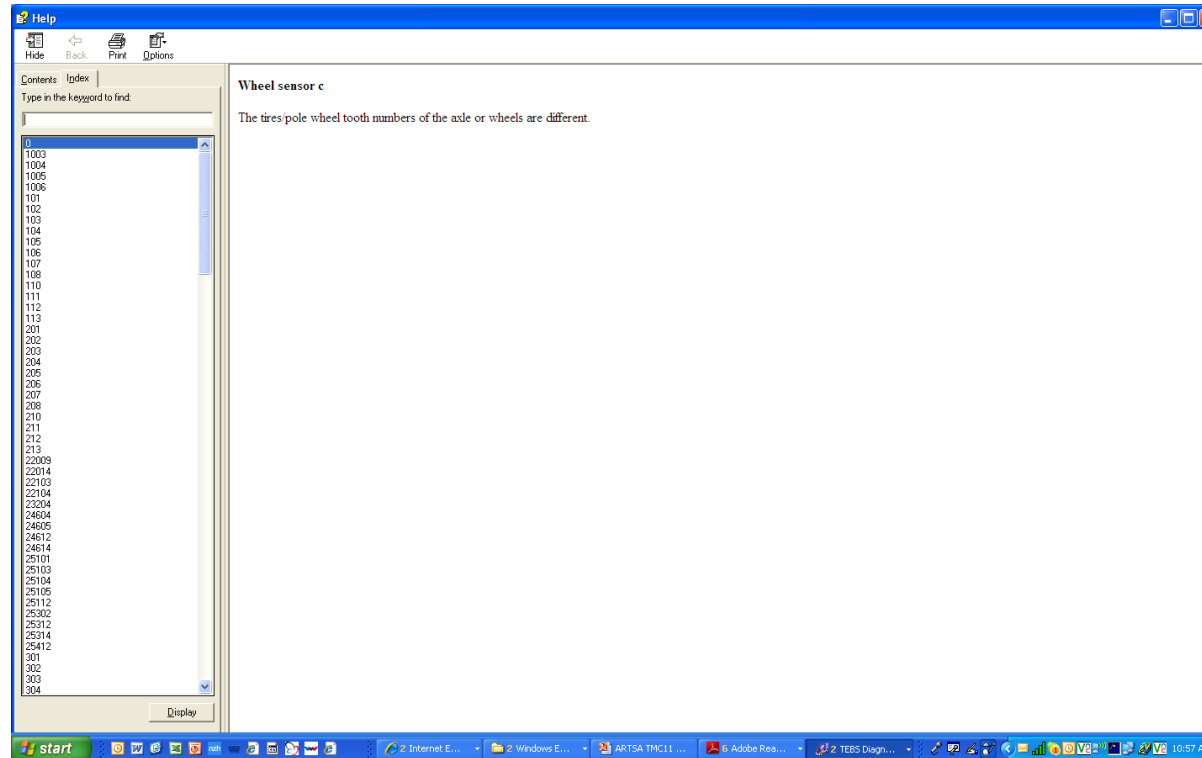
start [Taskbar icons: Internet Explorer, Outlook, CAD Part, id_eb124_4, Annual Leave, Microsoft Po, TEBS-E Diag, etc.] 12:42 PM



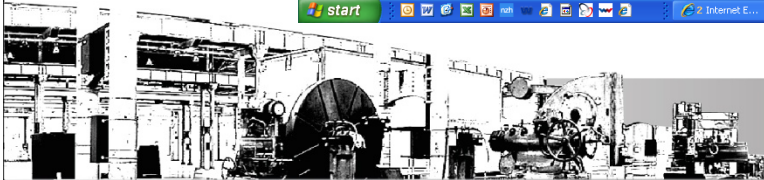
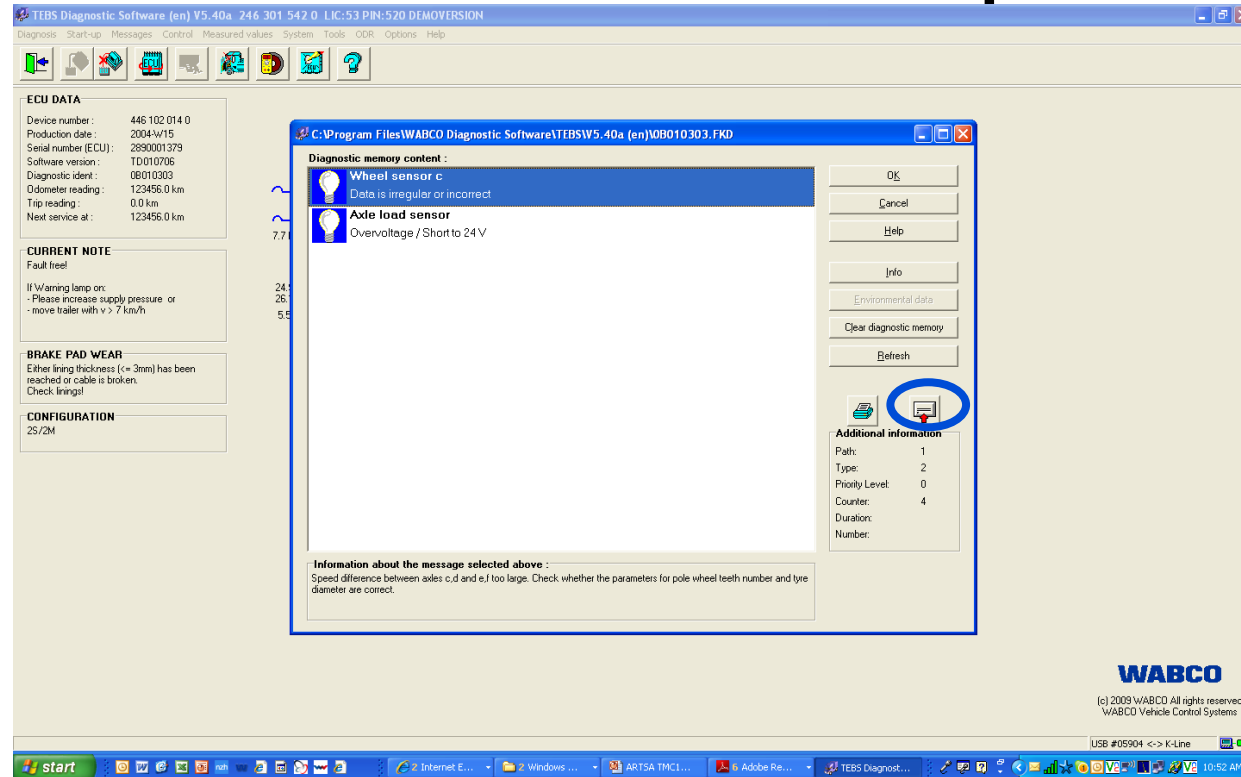
What Info is Available?



How do I fix the fault?



Need more help?



Operational Info

TEBS-E Diagnostic Software (en) V2.00 246 301 589 0 LIC:10 PIN-3000 NEWVERSION

Diagnosis Start-up Messages Control Measured values System tools **Options** Help

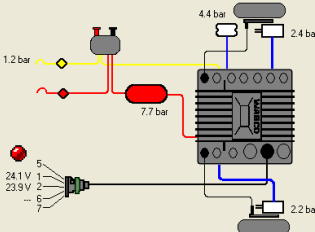
Calibration...
Password management...

ECU DATA TEBS-E
Device number : 481 102 031 0
Production date : 2007-03-17
Serial number (ECU) : 48625348
Software version : TE0000259
Diagnostic ident : 08020400
Odometer reading : 87345.5 km
Trip reading : 356.7 km
Operating hours : 230h 24min
ECU type : Premium
Next service at : 100000 km

ECU DATA ELEX
Device number :
Production date :
Serial number (ECU) :
Software version :
Diagnostic ident :

CURRENT MESSAGE
No current message stored in the ECU

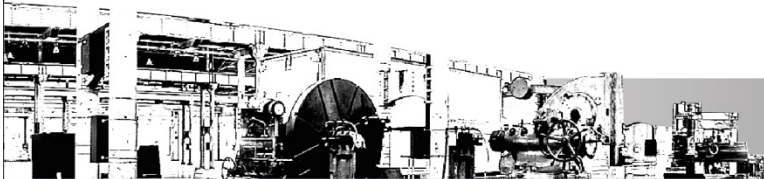
CONFIGURATION
2S/2M
Conventional air suspension



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WABCO Vehicle Control Systems

Display of an ODR overview

start | Mechatronik... | Microsoft... | TEBS D | SAP Easy Ac... | Microsoft... | TEBS-E Diag... | USB #11236 <-> CAN 5V | 11:18 AM



Operational Info

ODR data overview

Detailed evaluation and information on the operating data record (ODR) is available under www.TrailerServiceOnline.com

Operating data record overview

Vehicle ID number :	79643	Serial number (ECU) :	2150053408
Manufacturer :	WABCO	ODR deleted at :	0.0 km
Type :	08/15	Odometer reading :	123479km
Vehicle production date :	2004 W/25	Current axle load :	17.7t
Device number :	480 102 014 0		

Name	Value	Comment
Operating hours	2057h 17min	Operating hours during which the operating data was established
Driving route	123478 km	Driving route from which the operating data was established
Trips	987	Number of trips at a speed of at least 30 km/h
Average axle load	10579 kg	Average value of axle loads related to the trips
Average axle load	21%	Average value of the percentage axle loads related to the trips
Average control pressure pm	1.47 bar	Average value of the control pressure pm at the yellow coupling head
Braking frequency	23	Number of brake applications per 100km
Brake applications	28399	Number of brake applications with service brake
Braking with stop light power supply	43	Braking with safety circuit on failure of the power supply via ISO7638
Braking with anti-jackknifing brake	2	Number of anti-jackknifing brake applications behind EBS equipped towing vehicle
ABS interventions	1023	
RSS interventions, stage 1	13	Number of RSS test brake applications
RSS interventions, stage 2	2	Number of RSS delayed brake applications

Read data from the ECU

Store data for Trailer Service Online

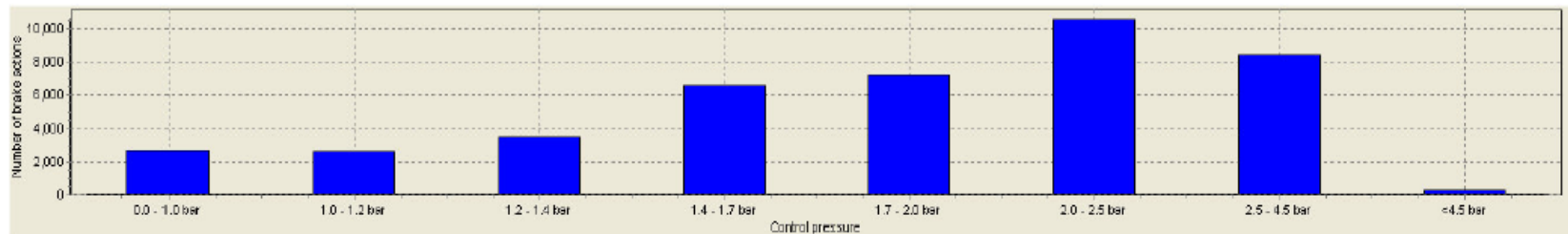
OK Help

start Internet Explorer Windows Explorer ARTSA TMC11 Speak... TEB5 Diagnostic Soft... 11:04 AM

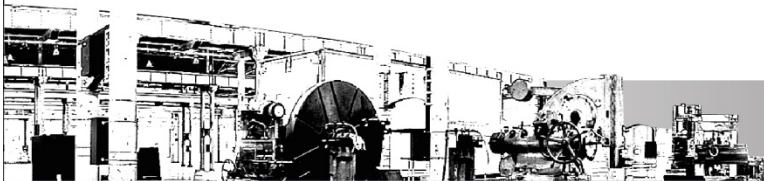
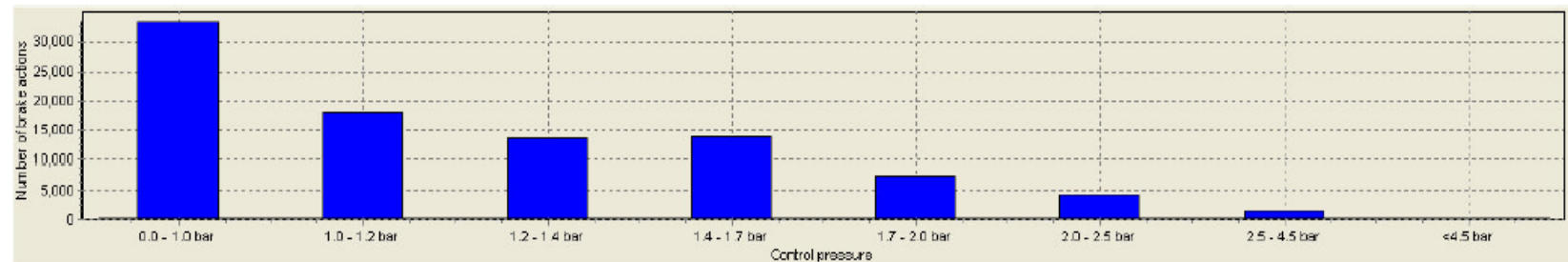


Operational Info

Number of brake actions vs. control pressure



Number of brake actions vs. control pressure



Where can I get service help?

1300 4 WABCO

Bus, Truck or Trailer Options

Enter Postcode

Connection to nearest Service Partner

11 Service Partner locations established to date

Another 4 by year end, total of 50 planned

