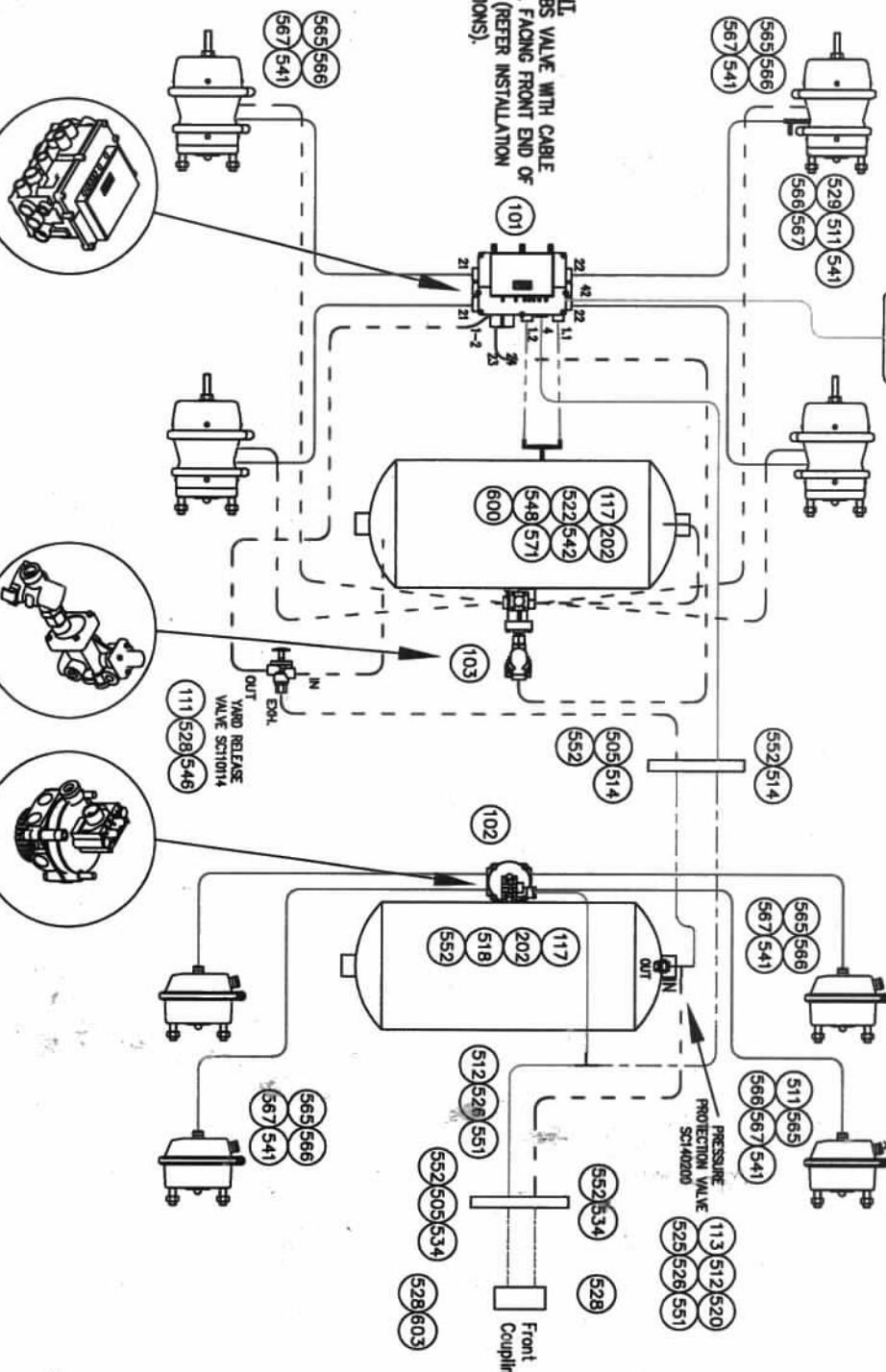


NYLON AIRLINE (NOT SUPPLIED)
CONNECT TO SUSPENSION
AIRBAG

REFER ASSEMBLY NOTE 5

IMPORTANT!
MOUNT EBS VALVE WITH CABLE
TERMINAL FACING FRONT END OF
VEHICLE. (REFER INSTALLATION
INSTRUCTIONS).



ASSEMBLY NOTES

- 1 - Physical relationship between components must be as per drawing.
- 2 - Diromatic coupling should be mounted close to the centre line, preferably to right hand side (drivers side) of centre.
- 3 - All unused tank ports to be plugged.
- 4 - Test Adaptor must be fitted to the service port of an actuator for each axle group.

GENERAL NOTES

- 1 - Refer to page 3 for Booster options.
- 2 - Refer to page 3 for Bills of Material.
- 3 - Refer to page 2 for EBS harness installation details.

KNORR-BREMSE
TEBS VALVE
KBTBSA-006

BENDIX SR-2
SPRING BRAKE VALVE
VA006A-07

KNORR-BREMSE
MODULATION VALVE
KB1137091A-03

- 304 --- RUBBER BRAKE HOSE, 3/4" I.D.
- 305 --- RUBBER BRAKE HOSE, 1/2" I.D.
- 303 --- RUBBER BRAKE HOSE, 1/2" I.D.
- 303 --- RUBBER BRAKE HOSE, 1/2" I.D.
- 302 --- RED NYLON TUBE, 3/8" O.D.
- 301 --- BLUE NYLON TUBE, 3/8" O.D.



UNLESS OTHERWISE STATED ALL DIMENSIONS IN MILLIMETRES.
UNLESS OTHERWISE STATED ALL TOLERANCES ARE PER :
BPW WM-1.043 & BPW WM-1.047

B.P.

BNT

83 Old Tongue Road PO Box 233
ROTORUA, 3040
Ph: (07) 347-7872 Fax: (07) 347-7837

PO BOX 58-108
GREENHURST, AUCKLAND, NZ
PHONE: (09) 2738084
FAX: (09) 2738088

NOT TO BE TRANSPORTED
AND WITHOUT WRITTEN
CONSENT

TITLE
BRAKE KIT SCHEMATIC
KB 24V TEBS 4 AXLE DOG
TO SUIT BPW DISC BRAKE AXLE

DRAWING NO. TEBK4D24-201

REV

604	1	KB-11397310000	EBS HARNESS DOG TRAILER 24V
603	1	4528040010	COUPLING: DIAMATIC MALE (TRAILER SECTION)
600	1	FA27035-12	TEE: 3/4" FEMALE
597	2	KB-113675610000	EBS WSS EXTENSION CABLE 10m
596	2	KB-113675640000	EBS WSS EXTENSION CALBE 4M
591	1	KB-1139796F	STICKER: EBS POWER
585	1	KB-1139815F2	EBS HARNESS X1
587	1	KB-K002954	EBS HARNESS X2 MODULATION VALVE
571	2	FA06006-1212	ELBOW : 3/4" NPT x 3/4" HOSE BARB
567	N/S	0256793300	O-RING : M16
566	N/S	0256835100	THRUST RING : M16
565	N/S	302-31-700	ELBOW 90° : M16x1.5 x 1/2" HOSE BARB
552	4	FA1968-0808	STRAIGHT : 1/2" NPT x 3/8" NYLON PUSH-IN
551	3	FA35003-0808	STRAIGHT : 3/8" NPT x 3/8" NYLON PUSH-IN
548	2	FA1968-6-8	ELBOW: 1/2" NPT x 3/8" NYLON PUSH-IN
546	2	FA1968-6-4	ELBOW : 1/4" NPT x 3/8" NYLON PUSH-IN
542	4	FA296-035	HOSE CLAMP : 25-35mm STAINLESS STEEL
541	24	T-0	HOSE CLAMP : 16-22mm STAINLESS STEEL
534	2	FA06003-0808	STRAIGHT: 1/2" NPT MALE x 3/8" HOSE BARB
529	N/S	349999-16M	TEST TEE ADAPTOR - M16
528	3	FA1968-6	STRAIGHT: 1/4" NPT x 3/8" NPT PUSH-IN
526	2	FA01035-06	TEE : 3/8" NPSF
525	1	FA01073-0808	NIPPLE : REDUCING 1/2" NPT x 3/8" NPT
522	1	FA302-11-0407	NIPPLE : 3/4" NPT
520	1	FA01027-06	NIPPLE : 3/8" NPT
518	1	TE404	PLUG : 1/2" NPT
514	2	FA06103-0808	STRAIGHT: 1/2" NPT x 1/2" HOSE BARB
512	4	FA06103-0808	STRAIGHT: 3/8" NPT x 1/2" HOSE BARB
511	N/S	0228011400	TEST ADAPTOR
505	2	TS9420	COUPLING BRACKET : 2 X 1/2" NPSF
305	10m	H162	BRAKE HOSE : 3/8" I.D. RUBBER
304	10m	H164	BRAKE HOSE : 3/4" I.D. RUBBER
303	25m	H163	BRAKE HOSE : 1/2" I.D. RUBBER
302	25m	14337-06R	BRAKE TUBE : 3/8" O.D. NYLON (RED)
301	20m	14337-06B	BRAKE TUBE : 3/8" O.D. NYLON (BLUE)
ITEM No.	QTY.	PART No.	DESCRIPTION



UNLESS OTHERWISE STATED ALL DIMENSIONS IN MILLIMETRES.
UNLESS OTHERWISE STATED ALL TOLERANCES ARE PER :
BPW WM-1.043 & BPW WM-1.047

N/S = NOT SUPPLIED

BPW BOOSTER OPTIONS

- TYPE 14/24
LH BPW TYPE 14/24 (P/N 0544438010)
RH BPW TYPE 14/24 (P/N 0544438020)
- TYPE 15/24
LH BPW TYPE 15/24 (P/N 0544439010)
RH BPW TYPE 15/24 (P/N 0544439020)
- TYPE 16/24
LH BPW TYPE 16/24 (P/N 0544440010)
RH BPW TYPE 16/24 (P/N 0544440020)
- TYPE 14
LH BPW TYPE 14 (P/N 0544430010)
RH BPW TYPE 14 (P/N 0544430020)
- TYPE 15
LH BPW TYPE 15 (P/N 0544431010)
RH BPW TYPE 15 (P/N 0544431020)
- TYPE 16
LH BPW TYPE 16 (P/N 0544432010)
RH BPW TYPE 16 (P/N 0544432020)
- TYPE 18
LH BPW TYPE 18 (P/N 0544433010)
RH BPW TYPE 18 (P/N 0544433020)

205	N/S	AS-0097	MOUNT PAD AIR BRAKE TANK
202	N/S	L2800FA	AIR TANK : 46 LITRE
117	2	T3002	DRAIN VALVE : 1/4" NPT
113	1	SC140200	PRESSURE PROTECTION VALVE : 415/345 KPa
111	1	SC110114	YARD RELEASE VALVE
103	1	VA006A-07	BENDIX SR-2 SPRING BRAKE VALVE
102	1	KB1137091A-03	KNORR-BRENSSE MODULATING RELAY VALVE
101	1	KBTEBSA-006	KNORR-BRENSSE TEBS VALVE
ITEM No.	QTY.	PART No.	DESCRIPTION



83 Old Tonga Road PO Box 233
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Ph: (07) 347-7872 Fax: (07) 347-7837

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GREENHURST, AUCKLAND, NZ
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ATTN: BPW TRANSPORT
MIND WITHOUT WRITER
FORM REQUEST.

TITLE
BRAKE KIT SCHEMATIC
KB 24V TEBS 4 AXLE DOG
TO SUIT BPW DISC BRAKE AXLE

DRAWING NO. **TEBK4D24-201**

REV