







Bolt-on aslift®: The quickly fitted and universal axle lift system

The Bolt-On Axle Lift® is a patented system from Weweler and can be used to temporarily relieve air spring axles of their burden. This results in increased driving comfort, reduced wear on brakes and tires, plus considerable fuel savings. Our Bolt-On Axle Lift® is exceptionally compact and one of the lightest of its kind. The system is quick and simple to fit to most standard air suspension systems.

The Bolt-On® is attached to the hanger bracket with only one bolt on each side. It can also be retrofitted. Weighing only 20 kilograms, the system is easily half as light as others of its kind. It is also very compact, leaving room for a pallet holder or a spare tyre. It can be operated both manually and automatically. The pneumatic air valves required for this can be supplied from stock.





Tel: +32 57 346227

The following Bolt-On Axle Lifts® are deliverable as standard:

BPW

AL-410 (also SAF)

AL-436 BPW AIRLIGHT II M30 PIVOT BOLT

AL-459 BPW AIRLIGHT I DISC AND DRUM BRAKE

AL-466 BPW AIRLIGHT II M24 PIVOT BOLT

DAIMLER CHRYSLER

AL-438 DCA WEIGHT MASTER- SINGLE AIR AL-445 DCA SINGLE AIR

MIDLIFT

AL-138/191/193 LOW SYSTEMS Ø127, Ø146, [] 120 AL-448 ESN LOW CHASSIS

ROR

AL-435 (also WEWELER) FLEXAIR 9000 BRAKE DISK AL-440 (also WEWELER)

SAF

AL-410 BPW & SAF AL-460 SAF MODUL DISC AND DRUM BRAKE AL-431 SAF INTRADISC PLUS II

SCHMITZ

AL-427L CARGOBULL MRH1/2 AL-449 CARGOBULL MRH2 / MRH3 AL-451 CARGOBULL MRH2.0 (SKO+)/MRH3

WEWELER

AL-435 WEWELER

AL-446 WEWELER TRAILER ARM 75MM

AL-448 WEWELER – ESN MIDLIFT

AL-453 WEWELER MEGA LIFT

AL-455 WEWELER - TWIN WHEELS

AL-456 WEWELER - A25/A45/C25/C45

AL-457 WEWELER - A45 / DISC BRAKE / TWIN WHEELS

AL-462 WEWELER - A45 / DISC BRAKE

Tel: +32 57 346227

PNEUMATIC AXLE LIFT VALVES:

To raise and lower lift axles, Weweler has two ranges of pneumatic valves, the WAL and the VEB valves. The WAL range can be applied to vehicles with ABS electronics and can be operated both manually and automatically. The VEB range can be applied to vehicles equipped with EBS electronics and are fully electronic operated.

Within the WAL range, there are three options. WAL-1 is a semi-automatic lift axle control valve with a manual drop and lift function. As a safety feature an automatic drop is build in. The automatic drop of the lift axle is depending on predetermined axle loads. WAL-2 is fully-automatic lift axle control valve, with an automatic drop and raise function. Both the drop and the raise are also depending on predetermined axle loads. WAL-3 is equal to the WAL-2, with the addition of an electronic remote control.

UWT WAL-1 (half automatisch / half automatic)
UWT WAL-2 (vol automatisch / full automatic)
UWT WAL-3 (vol automatisch met elektrische aktivering)

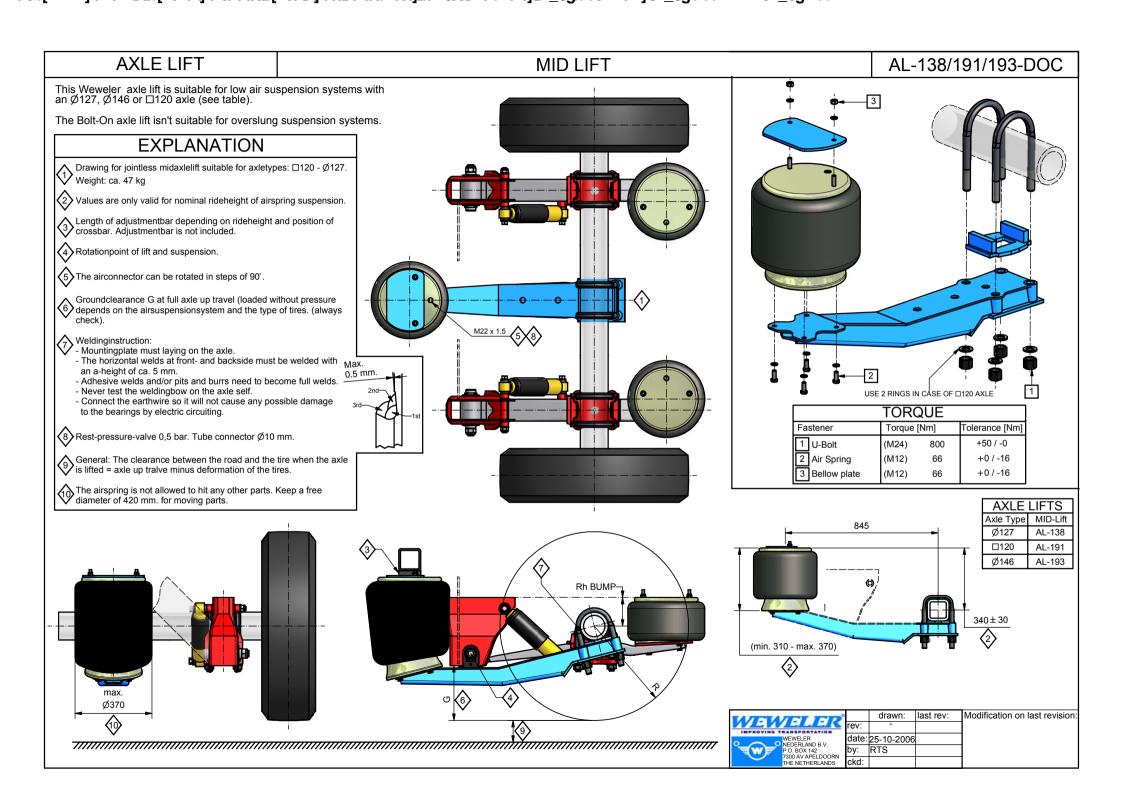


Within the VEB range, there are also three options. VEB-1 is a single circuit automatic lift axle control valve. VEB-4 is a single circuit automatic lift axle control valve with an additional air distribution block. VEB-5 is a double circuit automatic lift axle control valve.

UWT VEB-1 (EBS system - single circuit)
UWT VEB-4 (EBS system - single circuit)
UWT VEB-5 (EBS system - dubbel circuit)



Tel: +32 57 346227



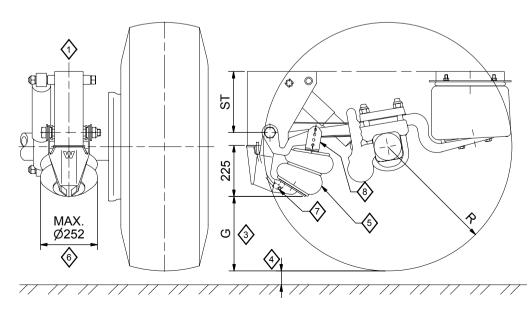
The Bolt-On axle lift wich is suitable for righthand and lefthand assembly is developed for the BPW suspension systems SL-9312 and SL-9315 and the EM series from SAF. Direct assembling (KTL coating).

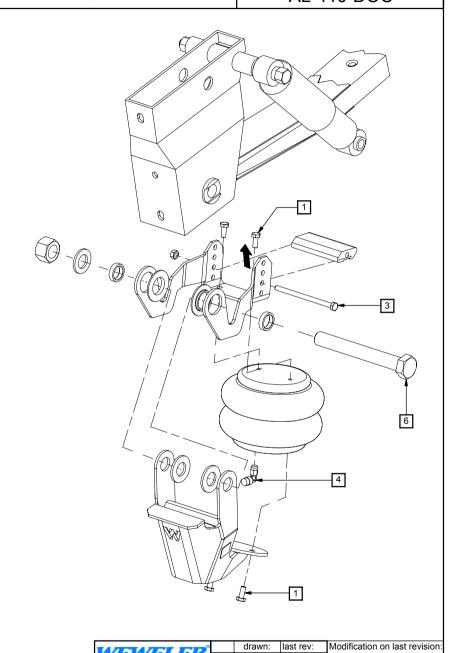
The Bolt-On axle lift isn't suitable when:

- the hangerbracket wider is than 170 mm on the place of the pivot bolt;
- the distance between the spring centers is bigger than 1300 mm with a wheel track of 2040 mm;
- twin tyres are being used;
- the suspension system has a stroke of more than 220 mm;
- the lifting axle is a steer axle;
- disc brakes are being used.

EXPLANATION
1 Assemble lefthand and righthand side.
Groundclearance G at full axle up travel (loaded without pressure) depends on the airsuspensionsystem and the type of tires. (always check)
General: The clearance between the road and the tire when the axle is lifted = axle up travel minus deformation of the tires.
5 Not lifted: pressure = 0 bar.
The airspring is not allowed to hit any other parts. Keep a free diameter of 280 mm for moving parts.
Air-connection (standard 10 mm, push in fitting).
The position of the rubber support is dependent on the type of suspension system, contact Weweler for the correct position.

TORQUE		
Fastener	Torque [Nm]	Tolerance [Nm]
1 Airspring	(M10) 30	±10
3 Rubber Support	(M10) 50	±10
4 Airconnection	(G¼") 20	±10
6 Pivot Bolt	According BPW/SAF	According BPW/SAF





date: 21-2-2006 by: RTS

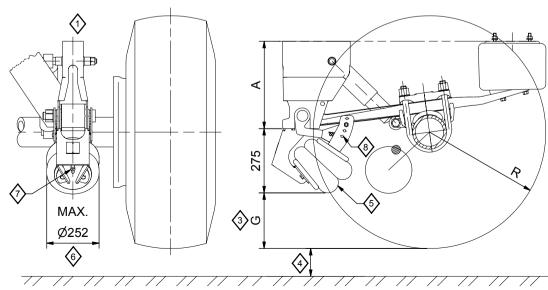
P.O. BOX 142 7300 AV APELDOORN THE NETHERLANDS This Weweler Bolt-On axle lift is developed for Weweler Air suspension systems with adjustable wearing plates. Direct assembling (KTL coating).

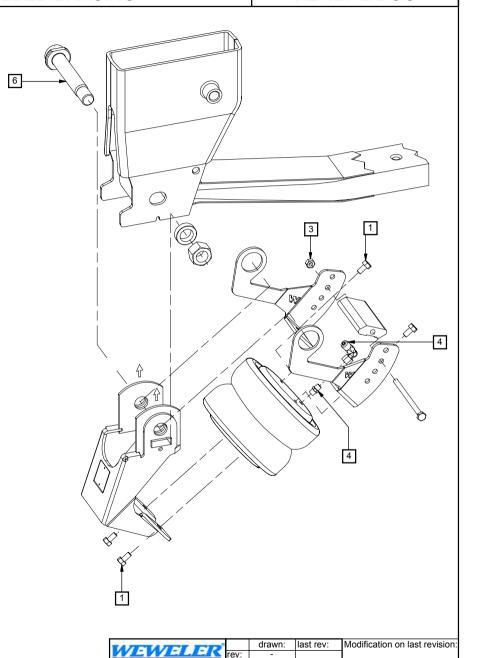
The Bolt-On axle lift isn't suitable when:

- twin tyres are being used;
 the suspension system has a total stroke of more than 220 mm;
 it concerns a steering axle.

EXPLANATION
Assemble lefthand and righthand side Only for airsuspensionsystems with a hangerbracket equiped with a axle alignment device.
Groundclearance G at full axle up travel (loaded without pressure) depends on the airsuspensionsystem and the type of tires. (always check)
General: The clearance between the road and the tire when the axle is lifted = axle up travel minus deformation of the tires
5 Not lifted: pressure = 0 bar.
The airspring is not allowed to hit any other parts. Keep a free diameter of 280 mm for moving parts.
Air-connection (standaar 10 mm, push in fitting).
The position of the rubber support is dependent on the type of suspension system, contact Weweler for the correct position.

TORQUE			
Fastener	Torque (f	Nm)	Tolerance (Nm)
1 Airspring	(M10)	30	±10
3 Rubber support	(M10)	50	±10
4 Airconnection	(G1/4")	20	±10
6 Pivot Bolt	(M27/M30)	800	+50/-0





WEWELER NEDERLAND B.V. P.O. BOX 142 7300 AV APELDOORN THE NETHERLANDS

date: 21-2-2006 by: RTS

This Weweler Bolt-On axle lift is developed for the SAF Intradisc II systems (IU Suspensions). Direct assembling (KTL coating).

The Bolt-On axle lift isn't suitable when:

- twin tyres are being used; (check clearance between tyres and liftbellow)
- the suspension system has a total stroke of more than 220 mm;
- IO systems are being used. If this lift is being used on IO systems check with Weweler.

EXPLANATION

Assemble lefthand and righthand side Only for SAF Intradisc II airsuspensionsystem.

Groundclearance G at full axle up travel (loaded without pressure) depends on the airsuspensionsystem and the type of tyres. (always check)

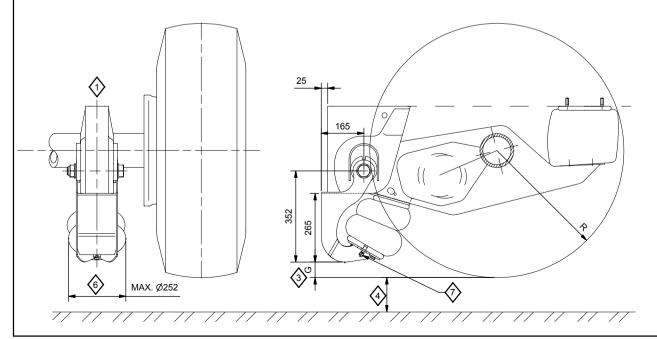
General³

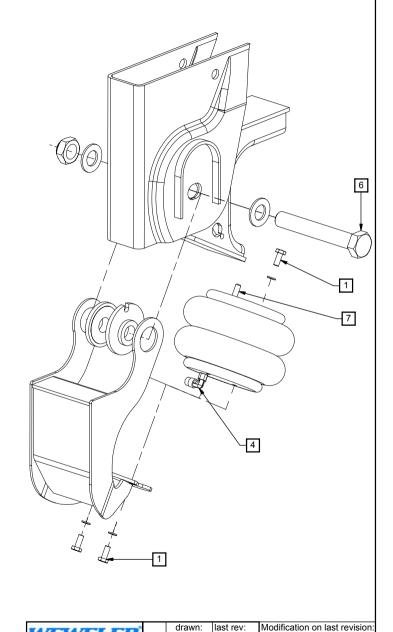
The clearance between the road and the tire when the axle is lifted = axle up travel minus deformation of the tyres

The aispring is not allowed to hit any other parts. Keep a free diameter of 280 mm for moving parts.

7 Air-connection (standard 8 mm, push in fitting).

TORQUE					
	Fastener		Torque [Nm]	Tolerance [Nm]	
1	Airspring	(M10)	40	± 10	
7	Stud	(M10)	30	± 10	
4	Airconnection	(G1/4")	20	± 10	
6	Pivot Bolt		According SAF	According SAF	





date: 1-6-2006 by: RTS

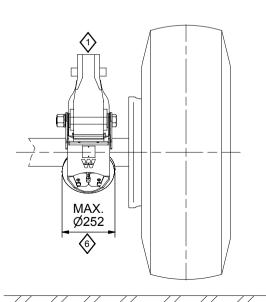
P.O. BOX 142 7300 AV APELDOORN THE NETHERLANDS This Weweler Bolt-On axle lift is developed for Weweler systems with disc-brake axles. This alxle lift is also suitable for the ROR Flexair 9000 air suspension systems (wtihout axle alignment). Direct assembling (KTL coating).

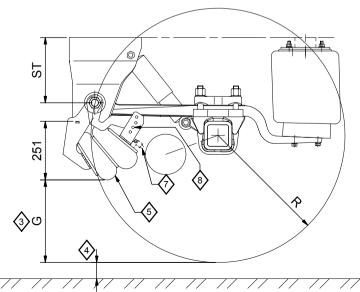
The Bolt-On axle lift isn't suitable when:

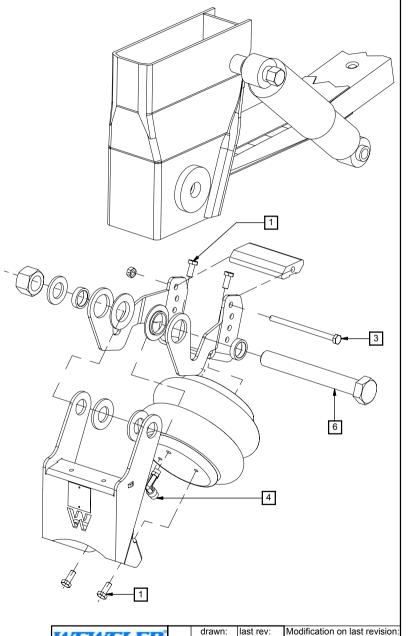
- twin tyres are being used;
- the suspension system has a total stroke of more than 220 mm;
 it concerns a steering axle.

EXPLANATION
Assemble lefthand and righthand side
Groundclearance G at full axle up travel (loaded without pressure) depends on the airsuspensionsystem and the type of tires. (always check)
General: The clearance between the road and the tire when the axle is lifted = axle up travel minus deformation of the tires
5 Not lifted: pressure = 0 bar.
The airspring is not allowed to hit any other parts. Keep a free diameter of 280 mm for moving parts.
Air-connection (standard 10 mm, push in fitting)
The position of the rubber support is dependent on the type of suspension system, contact Weweler for the correct position.

TORQUE			
Fastener	Torque (1	Nm)	Tolerance (Nm)
1 Airspring	(M10)	30	±10
3 Rubber support	(M10)	50	±10
4 Airconnection	(G1/4")	20	±10
Pivot Bolt Weweler or Meritor	(M27/M30) Acc. ROR/N	800 Meritor	+50/-0 Acc. ROR/Meritor



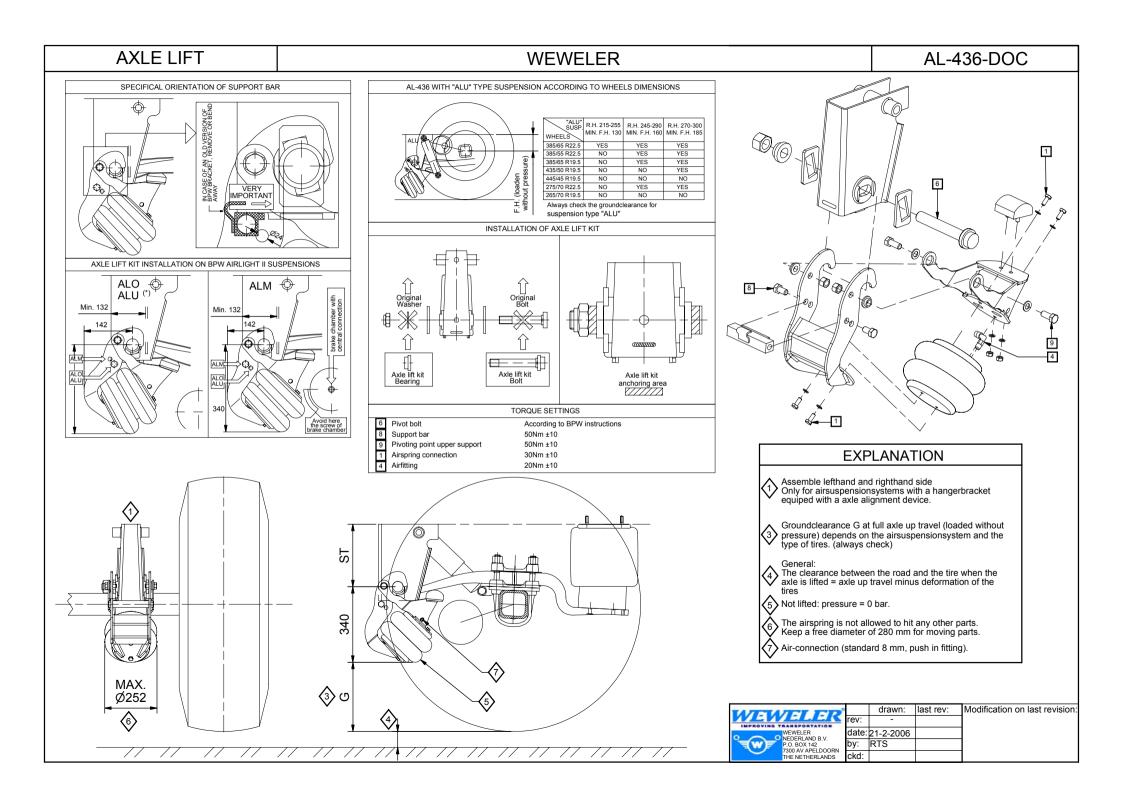




date: 21-2-2006

by: RTS

WEWELER NEDERLAND B.V. P.O. BOX 142 7300 AV APELDOORN THE NETHERLANDS



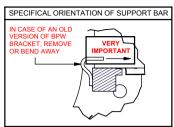
BPW AIRLIGHT II

AL-436(A)-DOC

AL-436A = ALUMINIUM VERSION

AL-436 = STEEL VERSION

This Weweler Bolt-On axle lift is developed for the BPW Airlight II air suspension range.





AL-436 WITH "ALU" TYPE SUSPENSION ACCORDING TO WHEELS DIMENSIONS					
R.H. = Ride Height F.H. = Loaded without	"ALU" SUSP	K.H. 213-233	R.H. 245-290 MIN. F.H. 160	R.H. 270-300 MIN. F.H. 185	
pressure.	385/65 R22.5	YES	YES	YES	
	385/55 R22.5	NO	YES	YES	
	385/65 R19.5	NO	YES	YES	
	435/50 R19.5	NO	NO	NO	
	445/45 R19.5	NO	NO	NO	
	275/70 R22.5	NO	NO	YES	
<u> </u>	265/70 R19.5	NO	NO	NO	
	Always check t	he groundclear	ance for the sus	sp. type "ALU".	

EXPLANATION

Assemble lefthand and righthand side. Only for hangerbracket Assemble letthang and rightname so equiped with axle alignment device.

Recommendation: Position of nut to outside vehicle.

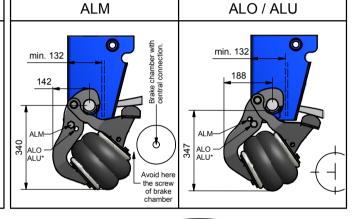
Groundclearance G at full axle up travel (loaded without pressure) depends on the airsuspensionsystem and the type of tires. (always check)

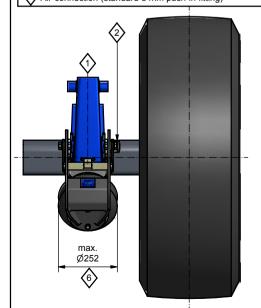
The clearance between the road and the tire when the axle is lifted = axle up travel minus deformation of the tires.

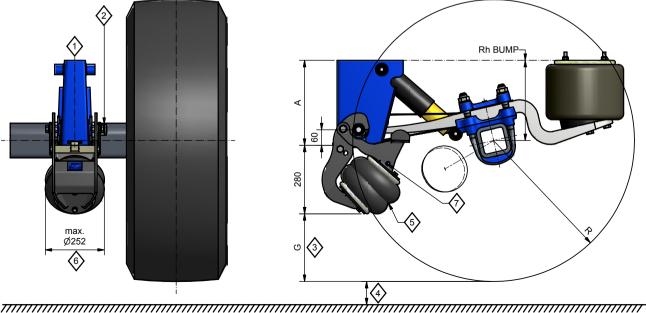
5 Not lifted: pressure = 0 bar.

The airspring is not allowed to hit any other parts. Keep a free diameter of 280 mm for moving parts.

'Air-connection (standard 8 mm push-in fitting)





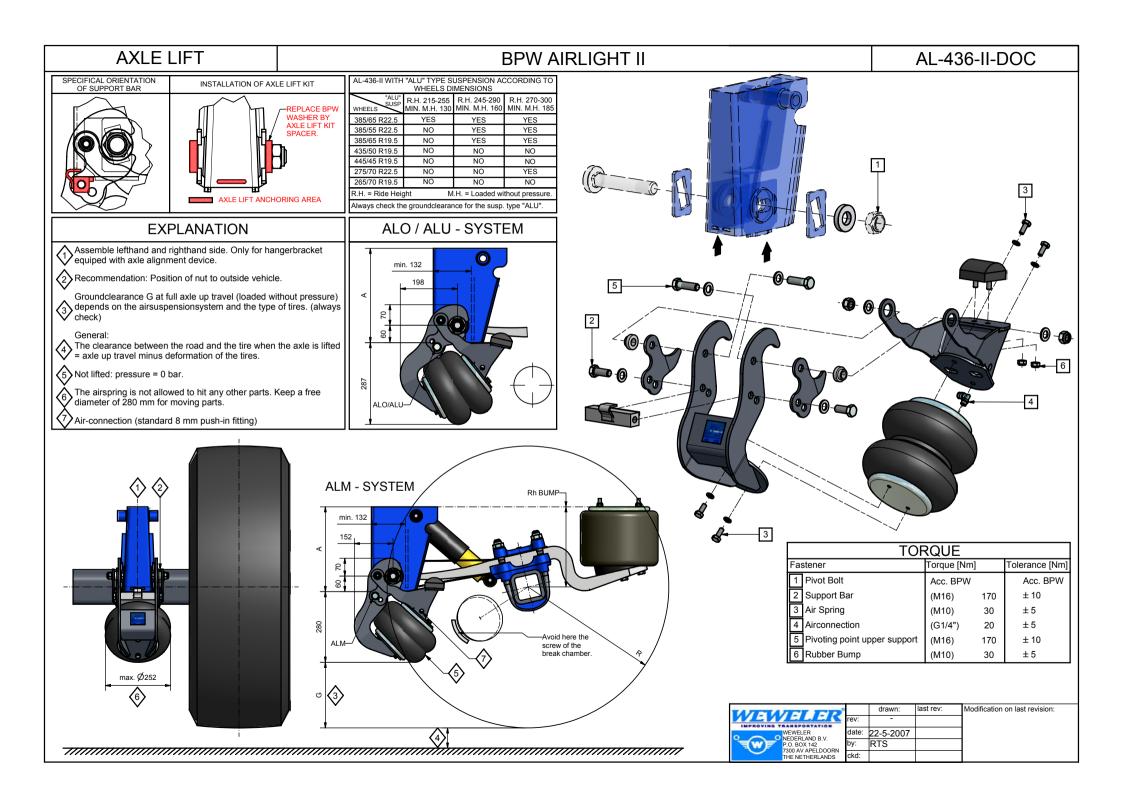


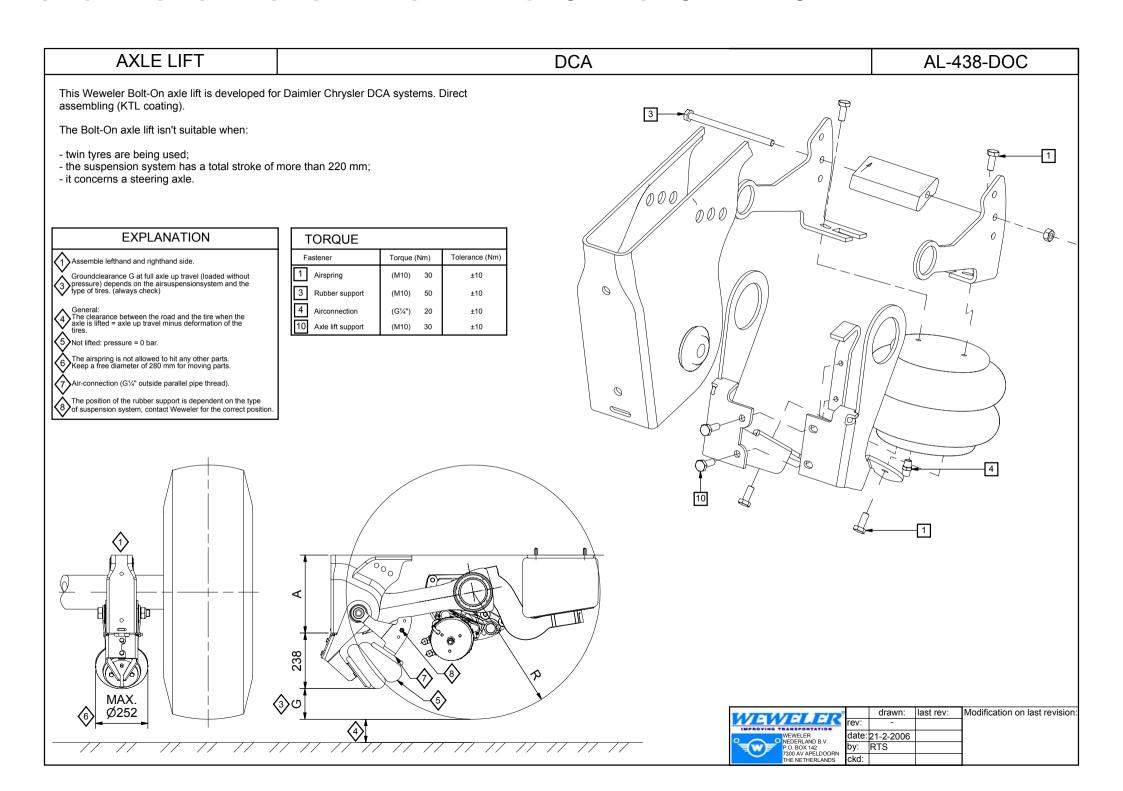
4
5

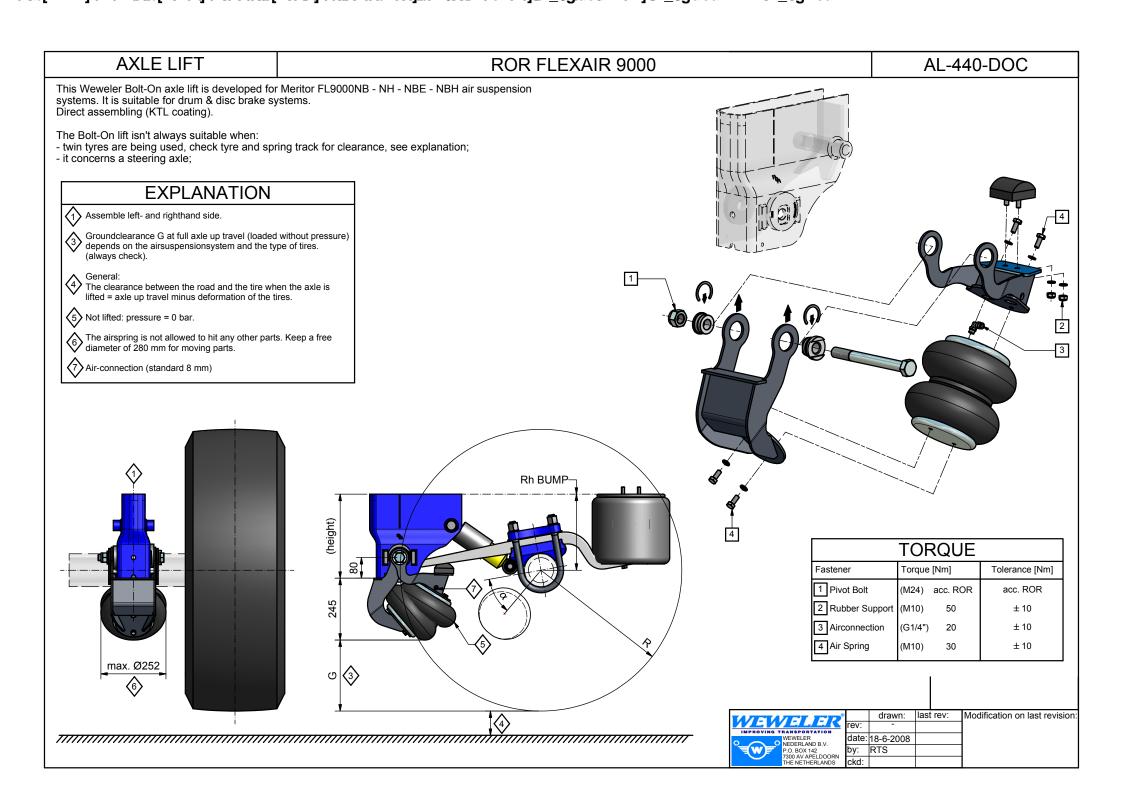
	TORQUE				
Fastener		Torque [Nm]		Tolerance [Nm]	
1	Pivot Bolt	Acc. BPW		Acc. BPW	
2	Support Bar	(M16)	170	± 10	
3	Air Spring	(M10)	30	± 10	
4	Airconnection	(G1/4")	20	± 10	
5	Pivoting point upper support	(M16)	170	± 10	

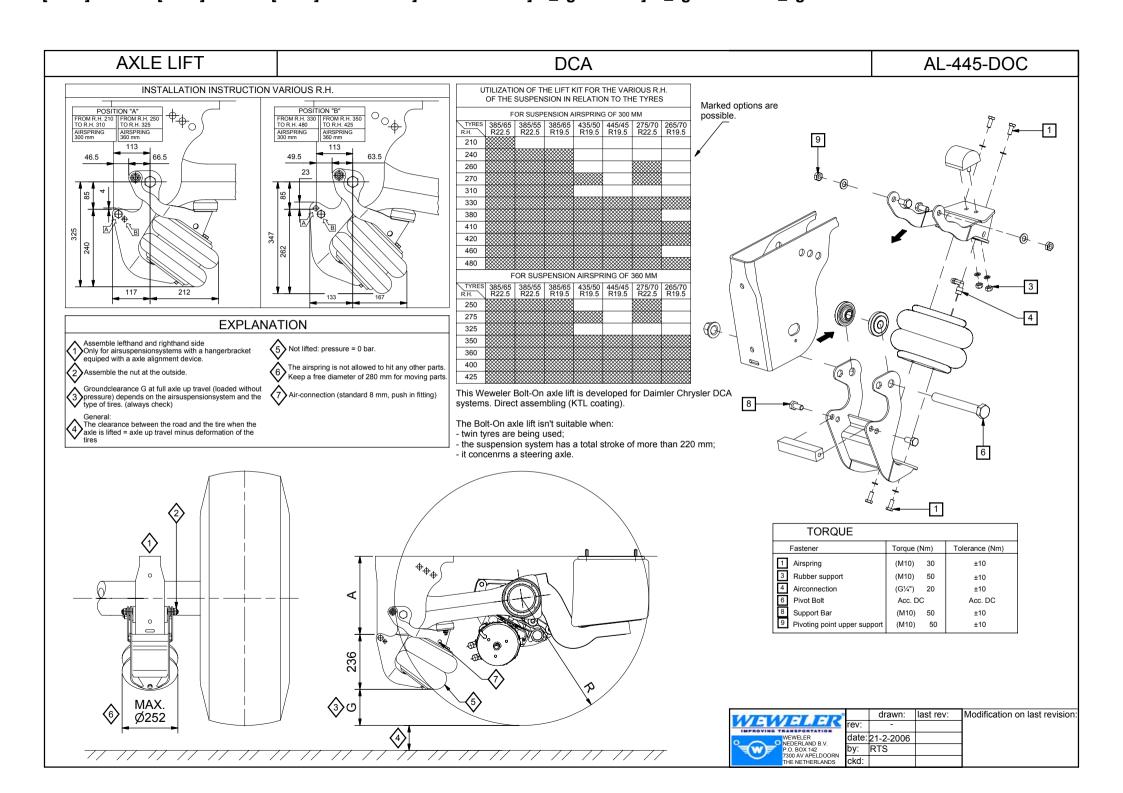
WEWELER	re
WEWELER NEDERLAND B.V. P.O. BOX 142 7300 AV APELDOORN THE NETHERLANDS	da by ck

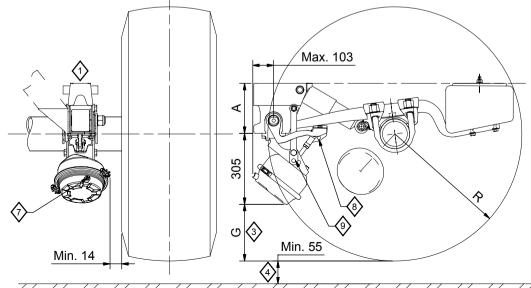
	drawn:		Modification on last revisior
/ :	-		WAP-06-173
te:	21-2-2006		WAP-06-195 WAP-07-104
:	RTS	RTS	

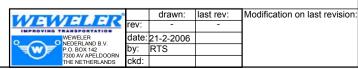












This axle lift is developed for suspension systems on low vehicles with small tyres. The lift is placed between the chassis in the middle so only one lift is needed.

EXPLANATION

Traction element: steel wire 6x19 +1, Ø12 mm. Wire working load: 1800 kg. Wire length: by order, from 950 mm to 1600 mm.

Lifting device: pneumatical cylinder.
Cylinder force (6-8 bar): 1260-1690 kg.
Maximum stroke: 315 mm. (410 mm. for AL-448M)
Cylinder weight: 18 kg. (21 kg. for AL-448M)
Connection for pipe fitting 1/4 w.gas (R 1/4).

3 Wire deflector device: guide pulley with roller bearing.

4 Axle support: optional for 130 mm / 150 mm square or round axle.

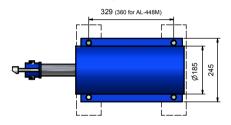
5 VERY IMPORTANT: when the vehicle is at the ride heigth, the cylinder should have a margin to reach its maximum stroke.

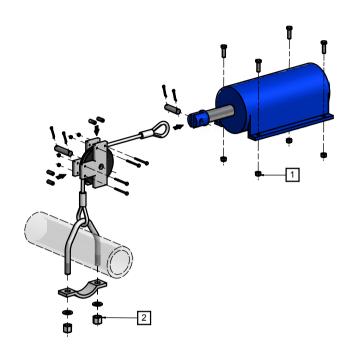
6 The guide pulley support must be welded to a girder, which is welded at the vehicle frame. (Our proposal: 80x60x6 mm tube).

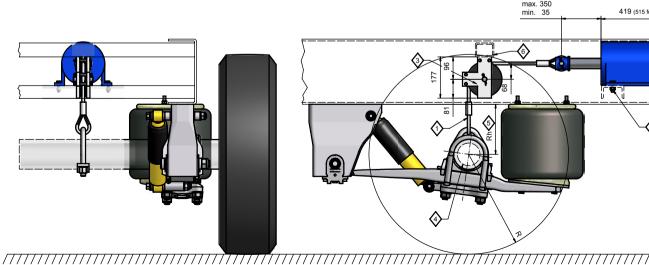
7 The pneumatic cylinder must be screwed to two girders, which are welded at the vehicle frame. (Our proposal: 80 mm U-bars).

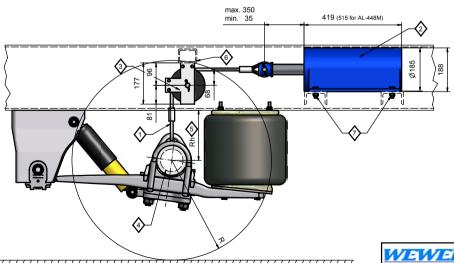
TORQUE					
Fastener	Torque [I	Nm]	Tolerance [Nm]		
1 Cylinder Assembly	(M12)	55	±5		
2 Axle Support	(M20)	280	± 10		

TOP VIEW CYLINDER







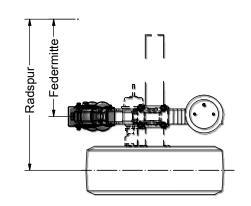


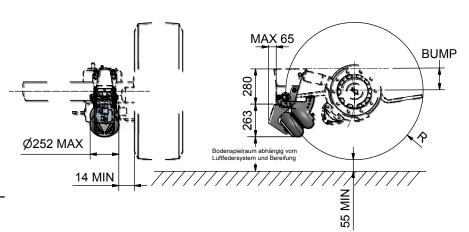
OPTIONAL: SPECIAL SMALL PULLEY FOR **ULTRA-LOW VEHICLES**

P.O. BOX 142 7300 AV APELDOORN THE NETHERLANDS

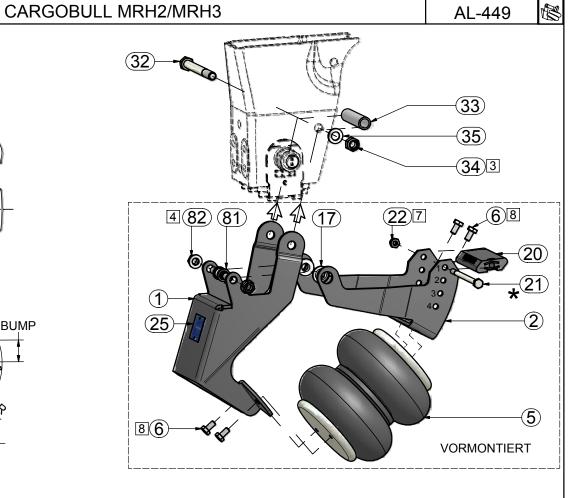
Modification on last revision: drawn: date: 29-6-2006 RTS







ACHSLIFT



	AL-449		
Für Luftfeder System	Schmitz ld. Nr.	Weweler ld. Nr.	★ Gummi Position
AC-300 / AC-303 BPW Typ 60/61	1006352	UR700084H/1	1
AC-310 / AC-314	1006957	UR700084H/3	3

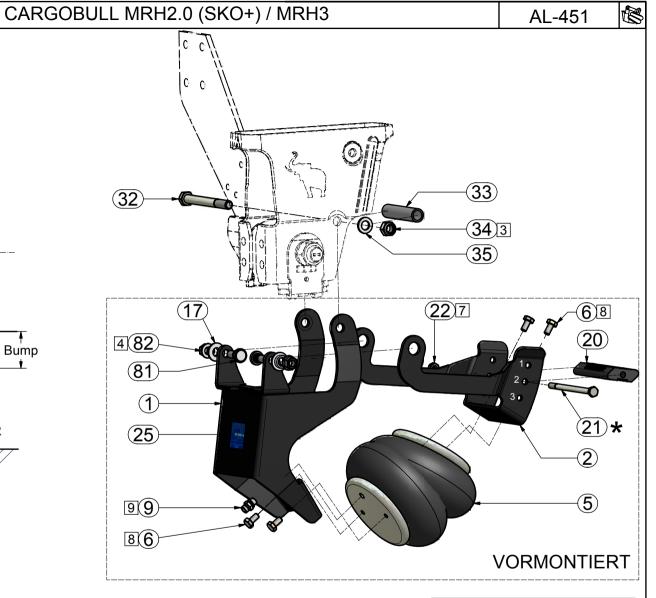
Anziehmomente				
Bezeichnung	Anziehmoment (Nm)			
3 Befestigungsmutter	(M16) 200 ±20			
4 Drehpunktmutter	(M14) 150 ±10			
7 Befestigung Gummipuffer	(M10) 50 ±10			
8 Balgbefestigung	(M10) 30 ±10			

IATEIATEI ED		drawn:	last rev:	Modification on last revision:
IMPROVING TRANSPORTATION	rev:		D	WAP-04-193
WEWELER NEDERI AND B V	date:	13-12-2004	16-4-2007	WAP-07-069
P.O. BOX 142 7300 AV APELDOORN	by:	JVT	GME	
THE NETHERLANDS	ckd:			

ACHSLIFT Federmitte Radspur 45 Max→ Bump Ø252 MAX Bodenspielraum abhängig vom Luftfedersystem und Bereifung

55 Min

14 M<u>in</u>

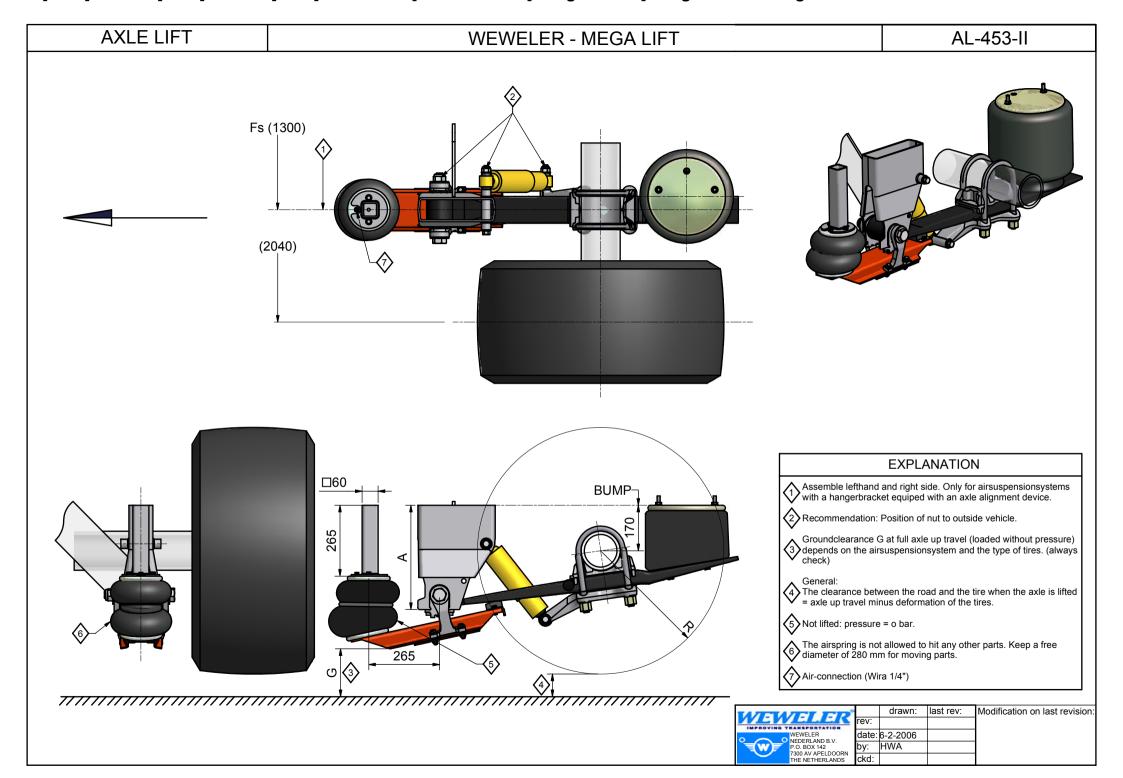


AL-451					
Für Luftfeder Schmitz Weweler *Gummi I				Pos. 9	
System	ld. Nr.	ld. Nr.	Position	Einschließlich	
AC-282	1045353	UR700089H/1	1	ja	
AC-311	1011502	UR700089H/2	2	nein	
AC-313	1011032	01(10000311/2	2	Helli	

ANZIEHMOMENTE				
BEZEICHNUNG	ANZIEHMOMENT (Nm)			
3 Befestigungsmutter	(M16) 200 +/-20			
4 Drehpunktmutter	(M14) 150 +/-10			
7 Befestigung Gummipuffer	(M10) 50 +/-10			
8 Balgbefestigung	(M10) 30 +/-10			
9 Einsteckkupplung	(1/4") 20 +/-10			

WEVELER	r
WEWELER NEDERLAND B.V. P.O. BOX 142 7300 AV APELDORN THE NETHERLANDS	k

o°		drawn:	last rev:	Modification on last revision
\$	rev:		E	WAP04-193
	date:	29-3-2005	18-4-2007	WAP06-055-3 WAP06-174
٧	by:	JVT	ACS	WAP07-055-6
	ckd:			1 *** 07 000 0



AXLE LIFT

WEWELER - TWIN WHEELS

AL-455-DOC

This Weweler Bolt-On axle lift is developed for suspension systems with twin wheel configuration. Direct assembling (KTL coating).

EXPLANATION

Assemble lefthand and righthand side.

Recommendation: Position of nut to outside vehicle.

Groundclearance "G" at full axle up travel (loaded without pressure) depends on the airsuspension system and the type of tyres used. (always check)

The clearance between the road and the tire when the axle is lifted = axle up travel minus deformation of the

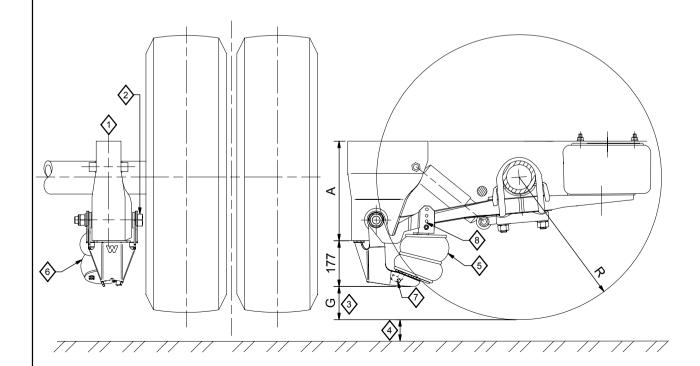
5 Not lifted: pressure = 0 bar.

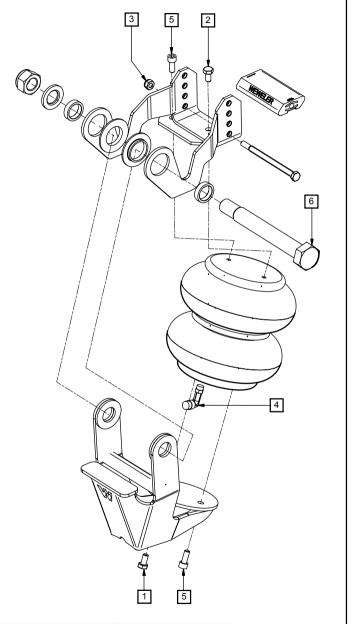
The airspring is not allowed to contact any other parts. Keep a free diameter of 280mm around bellow for moving parts.

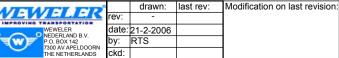
Airconnection (standard 10 mm, push in fitting).

The position of the rubber support is dependent on the type of suspension system, contact Weweler for the correct position.

	TORQUE			
	Part		Torque (Nm)	Tol. (Nm)
1	Air spring	M10x20	30	±10
2	Axle lift arm	M10x25	30	±10
3	Rubber support	M10x160	50	±10
4	Airconnection	G1/4"	20	±10
5	Air spring	M10x25	30	±10
6	Pivot Bolt	M30	800	+50/-0







WEWELER

AL-456 APPLICATIONS

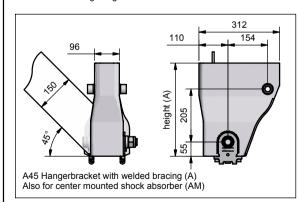
AL-456-APP

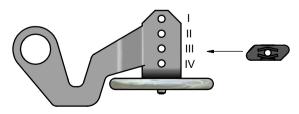
PRS* = Position Rubber Support X = Possible



SYSTEM	AXLE		AL-456	AL-456M	PRS*	BRAKES	
A45 Hangerbracket	Ø					DRUM	DISC
U.A.HG.5.30.240-340	Х	Х	-	Х	III	X	Χ
U.A.HG.5L.30.260-310	-	-	-	-	-	-	-
U.A.HE.5.30.375-475	Х	Х	Х	-	II	Х	40°
U.A.HN.5.30.465-515	Х	Х	-	Х	III	Х	40°
L.A.EB.5.36.190-290	Х	Х	Х	-	II	Х	X
L.A.EB.5.36L.240-290	Х	Х	Х	-	II	Х	Χ
L.A.EB.5L.36L.240-290	Х	Х	Х	-	II	Х	Χ
L.A.IU.5.36L.350-425	Х	Х	-	Х	l	Х	40°
L.A.EC.5.36.400-475	Х	Х	Х	-	II	Х	Χ
L.A.EC.5.36L.445-520	Х	Х	-	Х	III	Х	Χ
K.A.EN.5.36.235-285	Х	Х	Х	-	II	Х	Χ
K.A.EN.5L.36.220-270	Х	Х	Х	-	II	Х	Χ
K.A.EP.5.36.425-500	Х	Х	Х	-	II	Х	40°
K.A.EP.5.36L.470-490	Х	Х	-	Х	III	Х	40°
ME.A.EN.5.36L.210-235	Х	Х	-	Х	IV	Х	Х
ME.A.EN.5L.36L.210-235	Х	Х	-	Х	III	Х	Х
H.A.BG.5.36.205-305	Х	Х	Х	-	III	Х	Х
H.A.BG.5.36L.240-290	Х	Х	-	Х	IV	Х	Χ
H.A.BD.5.36.240-340	Х	Х	-	Х	IV	Х	Х
H.A.BD.5.36L.275.350	-	-	-	-	-	-	-
H.A.BJ.5.36.240-340	Х	Х	-	Х	IV	Х	Χ
H.A.BJ.5.36L.275-350	-	-	-	-	-	-	-
H.A.GE.5.36.390-465	Х	Х	Х	-	II	Х	40°
H.A.GE.5.36L.375-475	-	-	-	-	-	-	-
H.A.GF.5.36.445-520	Х	Х	Х	-	III	Х	40°
H.A.GF.5.36L.490-540	Х	-	-	Х	IV	Х	40°
H.A.BO.5.36.470-570	Х	Х	Х	-	IV	Х	40°
E.A.DG.5.36.230-330	Х	Х	-	Х	IV	Х	Χ
E.A.DE.5.30.375-475	Х	Х	Х	-	III	Х	30°
E.A.DB.5.30.470-570	Х	Х	Х	-	III	Х	30°
-	•	•	•				4

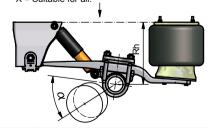
Suitable for following hangerbrackets:





Position Rubber Support

Minimum required brake booster angle.
X = Suitable for all.



MEMBER ED	
	rev
WEWELER NEDERLAND B.V. P.O. BOX 142 7300 AV APELDOORN THE NETHERLANDS	da by

۶		arawn:	last rev:	iviodification on last revision:
	rev:	-		
	date:	6-6-2006		
	by:	RTS		

-Rh BUMP

This Weweler Bolt-On axle lift is developed for Weweler systems with an A25, A45, C25 or C45 hangerbracket with a welded bracing. It is suitable for drum brake systems and a few disc brake systems. Mega airspring possible for more stroke. Contact Weweler for precise system configurations.

The Bolt-On lift isn't suitable when:

- twin tyres are being used;
- it concerns a steering axle;
- a disc brake axle is being used. In some cases disc brakes are possible, please contact Weweler for exact systems.

EXPLANATION

1 Assemble lefthand and right side.

Recommendation: Position of nut to outside vehicle.

Groundclearance G at full axle up travel (loaded without pressure) depends on the airsuspensionsystem and the type of tires. (always check) check)

General

The clearance between the road and the tire when the axle is lifted = axle up travel minus deformation of the tires.

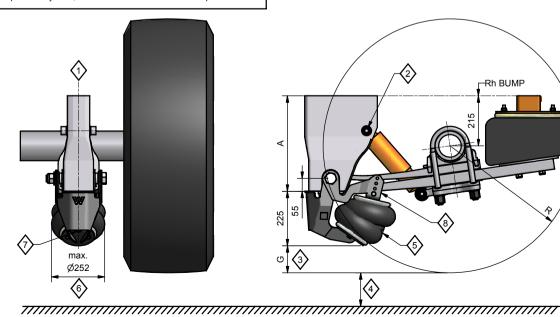
5 Not lifted: pressure = 0 bar.

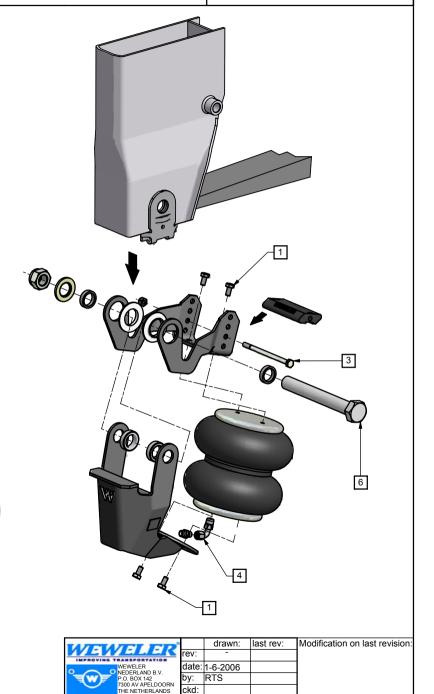
The airspring is not allowed to hit any other parts. Keep a free The airspring is not allowed to hit any diameter of 280 mm for moving parts.

Air-connection (standard 10 mm)

The Position of the rubber support is dependent on the type of suspension system, contact Weweler for the correct position.

TORQUE				
Fastener	Torque [N	Nm]	Tolerance [Nm]	
1 Airspring	(M10)	30	± 10	
3 Rubber Support	(M10)	50	± 10	
4 Airconnection	(G1/4")	20	± 10	
6 Pivot Bolt	(M27/M30) 800		+50 / -0	

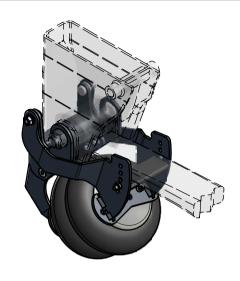




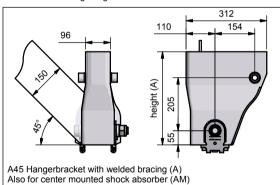
WEWELER

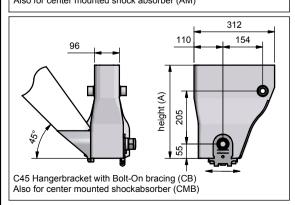
AL-457 APPLICATIONS

AL-457-APP

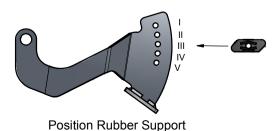


Suitable for following hangerbrackets:





A45 Hangerbracket									
U.A.HG.5.30.240-340 U.C.B.HR.5.30.240-340 X X X X - IV X X U.A.H.G.5.1.30.260-310 U.A.H.S.5.30.260-310 U.C.B.HR.5.30.260-310 X X X X - IV X X X U.A.H.S.1.30.325-400 X X X X X - IV X X X U.A.H.S.1.30.325-400 U.C.B.H.S.30.375-475 U.C.B.H.S.30.375-475 U.C.B.H.S.30.375-475 X X X X - III X X X U.A.H.S.30.365-515 U.C.B.H.S.30.465-515 U.C.B.H.S.30.465-515 U.C.B.H.S.30.465-515 U.C.B.H.S.30.465-515 U.C.B.H.S.30.465-515 U.C.B.H.S.30.465-515 U.C.B.H.S.30.40-290 X X X X - III X X X L.A.H.B.S.30.465-515 U.C.B.H.S.30.402-200 X X X X - III X X X L.A.H.B.S.30.465-290 X X X X - III X X X L.A.H.B.S.30.40-290 X X X X - III X X X L.A.H.B.S.30.40-290 X X X X - III X X X L.A.H.B.S.30.40-290 X X X X - II X X X L.A.H.B.S.30.40-290 X X X X - II X X X L.A.H.S.30.40-290 X X X X - II X X X L.A.H.S.30.40-290 X X X X - II X X X L.A.H.S.30.40-290 X X X X - II X X X L.A.H.S.30.40-475 L.G.B.E.S.36.400-475 X X X X - II X X X L.A.H.S.30.40-475 U.C.B.E.E.S.36.400-475 X X X X - III X X X X L.A.H.S.30.40-475 X X X X - III X X X X X - III X X X X X	SYSTEM				AL-457	AL-457M	PRS*		
U.A.HG.5L.30.260-310		<u> </u>							
U.A.HS.5.30.325-400	U.A.HG.5.30.240-340	U.CB.HR.5.30.240-340				-			
U.A.HE.5.30.375-475	U.A.HG.5L.30.260-310					-			
U.A.HN.5.30.465-515									
L.A.EB.5.36.190-290 L.CB.ED.5.36.190-290 X X X X X - III X X X L.A.EB.5.36L.240-290 L.CB.ED.5.36L.240-290 X X X X X - III X X X L.A.E.B.5.36L.240-290 L.CB.ED.5.3.36L.240-290 X X X X X - III X X X L.A.E.B.5.36L.350-425 L.CB.IT.5.36L.350-425 X X X X - II X X X L.A.E.C.5.36.400-475 L.CB.EE.5.36.400-475 X X X X - II X X X L.A.E.C.5.36.400-475 L.CB.EE.5.36.440-520 X X X X - III X X X X X - III X X X X X	U.A.HE.5.30.375-475					-			
L.A.EB.5.36L.240-290	U.A.HN.5.30.465-515	U.CB.HL.5.30.465-515	X	Х	Х	-	III	Х	X
L.A.EB.5L.36L.240-290	L.A.EB.5.36.190-290	L.CB.ED.5.36.190-290	X	X	Х	-	II	Χ	Х
L.A.IU.5.36L.350-425 L.C.B.IT.5.36L.350-425 X X X	L.A.EB.5.36L.240-290	L.CB.ED.5.36L.240-290	X	X	Х	-	III	Χ	Χ
L.A.EC.5.36.400-475 L.A.EC.5.36L.445-520 L.C.B.EE.5.36L.445-520 X X X X - III X X X K.A.EN.5.36L.245-520 K.A.EN.5.36.235-285 K.C.B.EQ.5.36.235-285 K.C.B.EQ.5.36.235-285 X X X X - III X X X K.A.EN.5.36.220-270 K.C.B.EQ.5.36.235-285 X X X X - III X X X K.A.EN.5.36.220-270 X X X X X - III X X X K.A.EN.5.36.240-270 K.C.B.EQ.5.36.240-270 X X X X X - III X X X X X - III X X X X	L.A.EB.5L.36L.240-290	L.CB.ED.5L.36L.240-290	X	X	Х	-	II	X	X
L.A.EC.5.36L.445-520	L.A.IU.5.36L.350-425	L.CB.IT.5.36L.350-425	X	X	Х	-	ı	Χ	Χ
K.A.EN.5.36.235-285	L.A.EC.5.36.400-475	L.CB.EE.5.36.400-475	X	X	Х	-	II	X	X
K.A.EN.5L.36.220-270	L.A.EC.5.36L.445-520	L.CB.EE.5.36L.445-520	X	Х	Х	-	III	Χ	X
K.A.EP.5.36.425-500	K.A.EN.5.36.235-285	K.CB.EQ.5.36.235-285	X	X	Х	-	II	X	X
K.A.EP.5.36L.470-490	K.A.EN.5L.36.220-270	K.CB.EQ.5L.36.220-270	X	X	Х	-	III	X	X
ME.A.EN.5.36L.210-235 ME.CB.EQ.5.36L.210-235 X X - X IV X X ME.A.EN.5L.36L.210-235 ME.CB.EQ.5L.36L.210-235 X X X X - III X X ME.A.B.C.5L.36L.250 ME.CB.NA.5L.36L.250 X X X X - IV X X H.A.B.G.5.36L.250-305 - X <t< td=""><td>K.A.EP.5.36.425-500</td><td>K.CB.EK.5.36.425-500</td><td>X</td><td>Х</td><td>Х</td><td>-</td><td>III</td><td></td><td>X</td></t<>	K.A.EP.5.36.425-500	K.CB.EK.5.36.425-500	X	Х	Х	-	III		X
ME.A.EN.5L.36L.210-235 ME.CB.EQ.5L.36L.210-235 X <td>K.A.EP.5.36L.470-490</td> <td>K.CB.EK.5.36L.470-490</td> <td>Х</td> <td>Х</td> <td>Х</td> <td>-</td> <td>III</td> <td>Χ</td> <td>X</td>	K.A.EP.5.36L.470-490	K.CB.EK.5.36L.470-490	Х	Х	Х	-	III	Χ	X
ME.A.NC.5L.36L.250 ME.CB.NA.5L.36L.250 X	ME.A.EN.5.36L.210-235	ME.CB.EQ.5.36L.210-235	X	Х	-	Х	IV	Х	X
H.A.BG.5.36.205-305	ME.A.EN.5L.36L.210-235	ME.CB.EQ.5L.36L.210-235	Х	Х	Х	-	III	Х	Х
H.A.BG.5.36L.240-290	ME.A.NC.5L.36L.250	ME.CB.NA.5L.36L.250	X	Х	Х	-	IV	Х	X
H.A.B.D.5.36.240-340 - X	H.A.BG.5.36.205-305	-	Х	Х	Х	-	IV	Χ	X
H.A.BD.5.36L.275-350 - X X X - X V X X H.A.BJ.5.36.240-340 - X X X X - IV X X X H.A.BJ.5.36L.275-350 - X X X X - IV X X X H.A.BJ.5.36L.275-350 - X X X X - X V X X X H.A.GE.5.36.390-465 - X X X X X - II X X X H.A.GE.5.36L.375-475 - X X X X - X III X X X H.A.GF.5.36L.490-540 - X X X X X - IV X X X H.A.GF.5.36L.490-540 - X X X X X - X IV X X X X X H.A.BO.5.36.470-570 - X X X X X X - V X X X X X X X X X X X	H.A.BG.5.36L.240-290	-	X	Х	-	Х	٧	Х	X
H.A.B.J.5.36.240-340 - X X X - IV X X H.A.B.J.5.36L.275-350 - X X X - X V X X H.A.G.5.36L.375-350 - X X X X - II X X X H.A.G.E.5.36.390-465 - X X X X - II X X X H.A.G.E.5.36L.375-475 - X X X X - X III X X X H.A.G.E.5.36L.430-540 - X X X X - IV X X X H.A.G.F.5.36L.490-540 - X X X X - X IV X X X H.A.B.O.5.36.470-570 - X X X X X - V X X X X E.A.D.G.5.36.230-330 - X X X X X - IV X X X E.A.D.G.5.36.230-330 - X X X X X - IV X X X X X E.A.D.G.5.30.375-475 - X X X X X - III X X X X X X SATB-01.2 - X X X X X - IV X X X X X SATB-01.2 - X X X X X - X III X - SATB-04.2 - X X - X X III X - SATB-05.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X - SATB-06.2 - X X - X X III X X - SATB-06.2 - X X - X X III X X - SATB-06.2 - X X - X X III X X - SATB-06.2 - X X - X X III X X - SATB-06.2 - X X - X X X X - X X X X - X X X X - X X X X - X X X X - X X X X - X X X X - X X X X - X X X X - X X X X - X X X X - X X X X - X X X X X - X X X X X - X X X X X - X X X X X X X - X	H.A.BD.5.36.240-340	-	X	X	Х	-	IV	X	X
H.A.B.J.5.36L.275-350 - X X - X	H.A.BD.5.36L.275-350	-	X	X	-	X	V	X	X
H.A.GE.5.36.390-465 - X X X - II X X H.A.GE.5.36L.375-475 - X X - X III X X H.A.GF.5.36.445-520 - X X X - IV X X H.A.GF.5.36.449-540 - X X X - X IV X X H.A.BO.5.36.470-570 - X X X - V X X E.A.DE.5.30.375-475 - X X X - III X X E.A.DB.5.30.470-570 - X X X - IV X X SATB-01.2 - X - - X III X - SATB-04.2 - X - - X III X - SATB-06.2 - X - - X III X -	H.A.BJ.5.36.240-340	-	Χ	Χ	Х	-	IV	Χ	Χ
H.A.GE.5.36L.375-475 - X X - X III X X H.A.GF.5.36L.490-540 - X X - IV X X H.A.BO.5.36L.490-540 - X X - X IV X X H.A.BO.5.36L.470-570 - X X X - V X X E.A.DG.5.36.230-330 - X X X - IV X X E.A.DE.5.30.375-475 - X X X - III X X E.A.DB.5.30.470-570 - X X X - IV X X SATB-01.2 - X - - X III X - SATB-04.2 - X - - X III X - SATB-06.2 - X - - X III X -	H.A.BJ.5.36L.275-350	-	X	X	-	Χ	V	Χ	Χ
H.A.GF.5.36.445-520 - X X X - IV X X H.A.GF.5.36L.490-540 - X X - X IV X X H.A.BO.5.36.470-570 - X X X - V X X E.A.DG.5.36.230-330 - X X X - IV X X E.A.DE.5.30.375-475 - X X X - III X X E.A.DB.5.30.470-570 - X X X - IV X X SATB-01.2 - X - - X III X - SATB-04.2 - X - - X III X - SATB-05.2 - X - - X III X - SATB-06.2 - X - - X III X -	H.A.GE.5.36.390-465	-	X	Χ	Х	-	II	Χ	X
H.A.GF.5.36L.490-540 - X X - X IV X X H.A.BO.5.36.470-570 - X X X - V X X E.A.DG.5.36.230-330 - X X X - IV X X E.A.DE.5.30.375-475 - X X X - III X X E.A.DB.5.30.470-570 - X X X - IV X X SATB-01.2 - X - - X III X - SATB-04.2 - X - - X III X - SATB-05.2 - X - - X III X - SATB-06.2 - X - - X III X -	H.A.GE.5.36L.375-475	-		X	-	Χ	III		Χ
H.A.BO.5.36.470-570 - X X X - V X X E.A.DG.5.36.230-330 - X X X X - IV X X E.A.DE.5.30.375-475 - X X X X - III X X X E.A.DB.5.30.470-570 - X X X X X - IV X X X SATB-01.2 - X - X III X - SATB-04.2 - X - X III X - SATB-05.2 - X - X III X - SATB-06.2 - X - X III X - SATB-06.2	H.A.GF.5.36.445-520	-	X	X	Х	-	IV	Χ	Χ
E.A.DG.5.36.230-330 - X X X - IV X X E.A.DE.5.30.375-475 - X X X - III X X E.A.DB.5.30.470-570 - X X X - IV X X SATB-01.2 - X - - X III X - SATB-04.2 - X - - X III X - SATB-05.2 - X - - X III X - SATB-06.2 - X - - X II X -	H.A.GF.5.36L.490-540	-	X	X	-	Χ	IV	Χ	Χ
E.A.DE.5.30.375-475 - X X X - III X X E.A.DB.5.30.470-570 - X X X - IV X X SATB-01.2 - X - - X III X - SATB-04.2 - X - - X III X - SATB-05.2 - X - - X III X - SATB-06.2 - X - - X II X -	H.A.BO.5.36.470-570	-	Χ	Χ	Х	-	V	Χ	Χ
E.A.DB.5.30.470-570 - X X - IV X X SATB-01.2 - X - - X III X - SATB-04.2 - X - - X III X - SATB-05.2 - X - - X III X - SATB-06.2 - X - - X II X -	E.A.DG.5.36.230-330	-	X	X	Х	-	IV	Χ	Χ
SATB-01.2 - X - - X III X - SATB-04.2 - X - - X III X - SATB-05.2 - X - - X III X - SATB-06.2 - X - - X II X -	E.A.DE.5.30.375-475	-	Х	Х	Х	-	III	Х	Χ
SATB-04.2 - X - - X III X - SATB-05.2 - X - - X III X - SATB-06.2 - X - - X II X -	E.A.DB.5.30.470-570	-	X	X	Х	-	IV	Χ	Χ
SATB-05.2 - X - - X III X - SATB-06.2 - X - - X II X -	SATB-01.2	-		-	-				-
SATB-06.2 - X X II X -	SATB-04.2	-		-	-		III		-
	SATB-05.2	-	Х	-	-	Х	III	Х	-
SATB-07.2 - X X I X -	SATB-06.2	-	Х	-	-	Х	II	Х	-
	SATB-07.2	-	X	-	-	Х	ı	Х	-



PRS* = Position Rubber Support X = Possible



	drawn:		Modification on last revision:
	-	В	WAP-06-242
:	11-7-2006	1-2-2007	
	RTS	RTS	

This Weweler Bolt-On axle lift is developed for Weweler systems with an A25, A45, C25 or C45 hangerbracket with a welded bracing or bolt-on bracing. It is suitable for drum and disc brake systems. When twin wheels are being used the airspring can be set on the offset position to create enough free space. Mega airspring possible for more stroke.

The Bolt-On lift isn't suitable when:

- it concerns a steering axle;



1 Assemble lefthand and right side.

Recommendation: Position of nut to outside vehicle.

Groundclearance G at full axle up travel (loaded without pressure) depends on the airsuspensionsystem and the type of tires. (always check)

General

The clearance between the road and the tire when the axle is lifted = axle up travel minus deformation of the tires.

5 Not lifted: pressure = 0 bar.

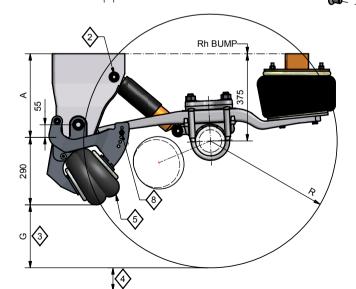
The airspring is not allowed to hit any other parts. Keep a free diameter of 280 mm for moving parts.

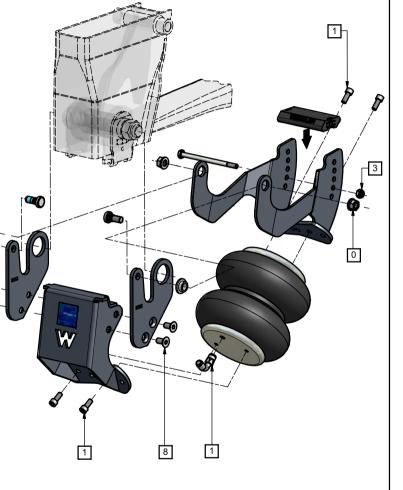
Air-connection (standard 10 mm)

The Position of the rubber support is dependent on the type of suspension system, contact Weweler for the correct position.

TORQUE			
Fastener	Torque [Nm]	Tolerance [Nm]	
1 Airspring	(M10) 30	± 10	
3 Rubber Support	(M10) 50	± 10	
4 Airconnection	(G1/4") 20	± 10	
8 Lift Support	(M12) 80	± 10	
9 Pivoting point upper support	(M14) 150	± 10	



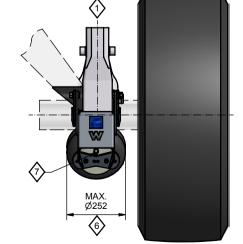






drawn:		Modification on last revision
-	Α	WAP-06-242
1-5-2006	31-1-2007	

RTS



This Bolt-On axle lift is developed for BPW Airlight I air suspensions. The "SL" Suspension range since 2005 ("SLM" & "SLO" Series, not for the "SLU" Series). It is suitable for systems:

- with disc and drum brakes.

- with single and double leaf springs.
- with 9 t. (120 mm.) or 12 t. (150 mm.) axles.
The axle lift is only for the steel hangerbracket (Not for the cross member bracket).

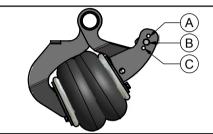
EXPLANATION

- 1 Assemble lefthand and righthand side.
 - Recommendation: Position of nut to outside vehicle.
- Groundclearance G at full axle up travel (loaded without pressure) depends on the airsuspensionsystem and the type of tires. (always check)

General:

- The clearance between the road and the tire when the axle is lifted = axle up travel minus deformation of the tires.
- 5 Not lifted: pressure = 0 bar.
- The airspring is not allowed to hit any other parts. Keep a free diameter of 280 mm for moving parts.
- Air-connection (standard 10 mm)
- The Position of the rubber support is dependent on the type of suspension system, see table for the correct position.

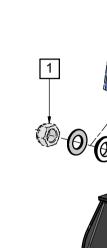
POSITION RUBBER SUPPORT

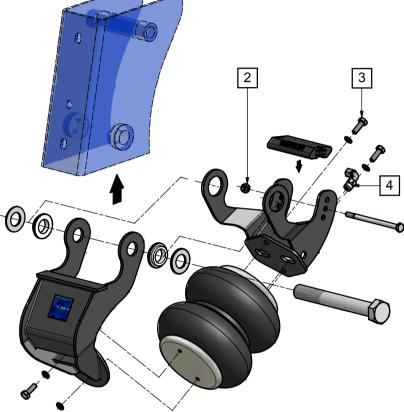


POSITION A: "SLM" Series / Single-leaf spring. "SLO" Series / Single-leaf spring.

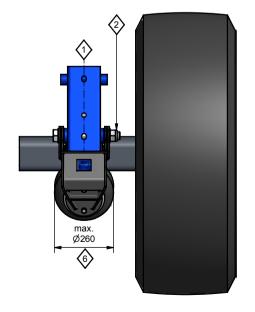
POSITION B: "SLM" Series / Double-leaf spring.

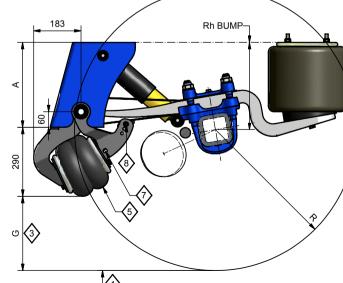
POSITION C: "SLO" Series / Double-leaf spring.





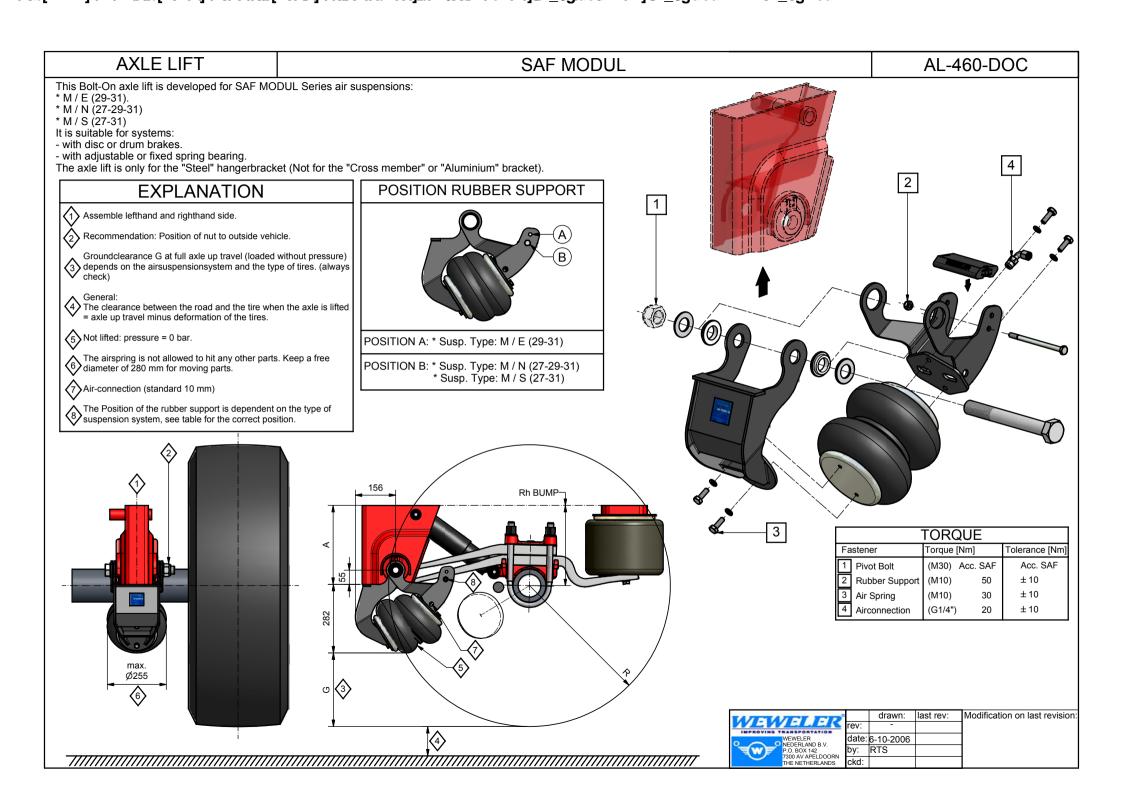
TORQUE			
Fastener Torque [Nm] Tolerar			Tolerance [Nm]
1 Pivot Bolt	(M30)	Acc. BPW	Acc. BPW
2 Rubber Support	(M10)	50	± 10
3 Air Spring	(M10)	30	± 10
4 Airconnection	(G1/4")	20	± 10

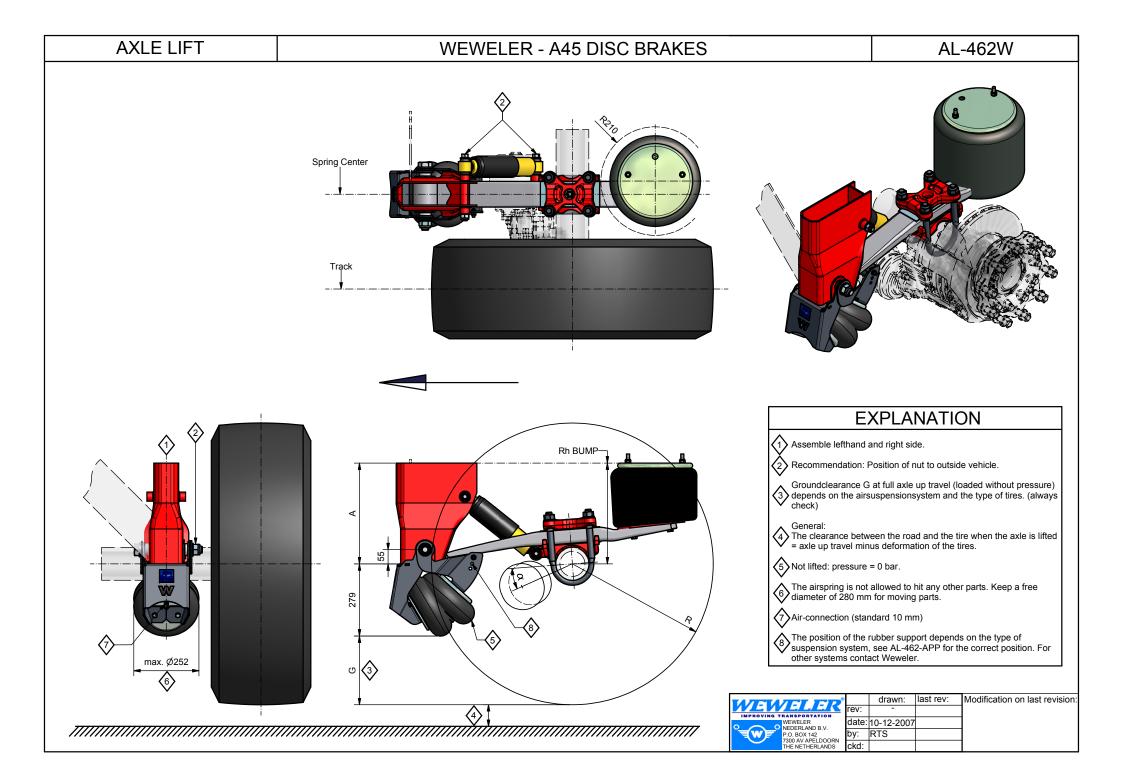


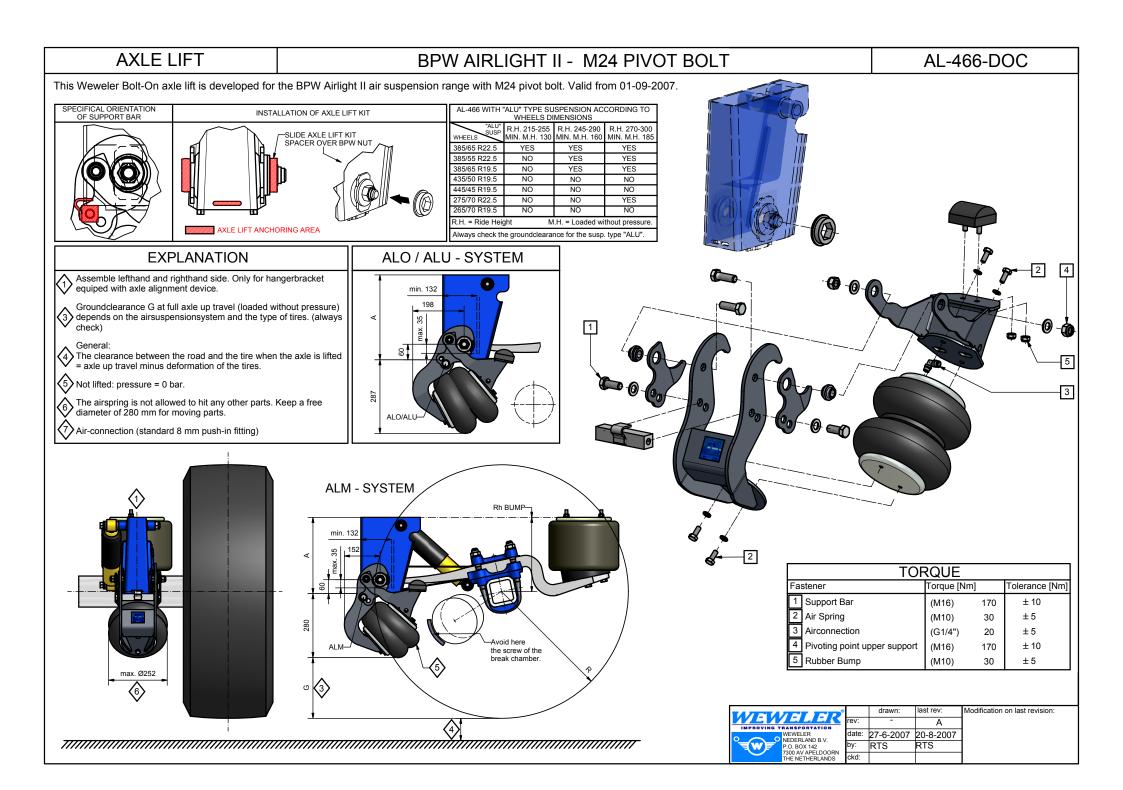


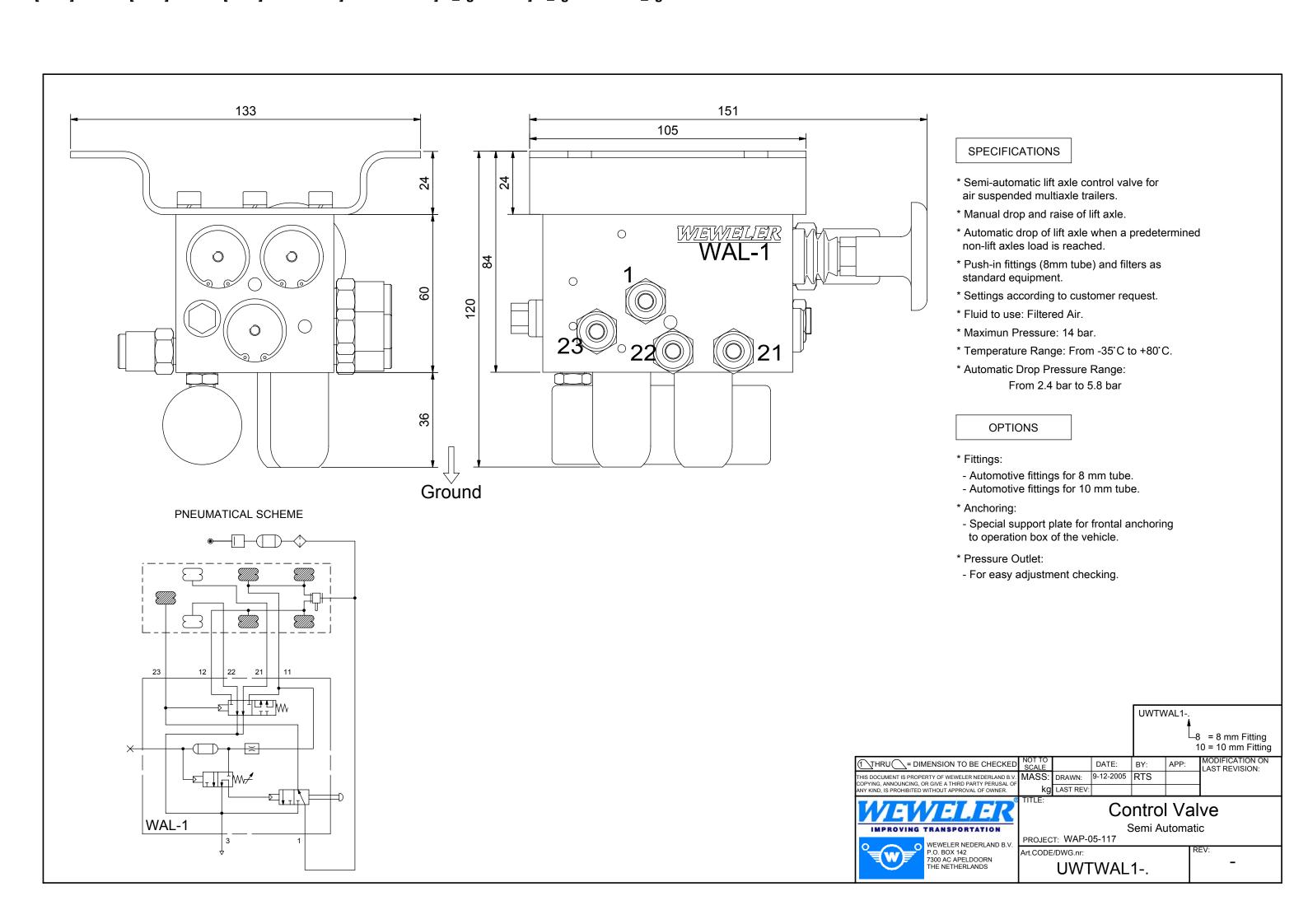
MATTATE ED		drawn:
IMPROVING TRANSPORTATION	rev:	-
	date:	6-10-2006
P.O. BOX 142 7300 AV APELDOORN	by:	RTS
THE NETHERLANDS	ckd:	

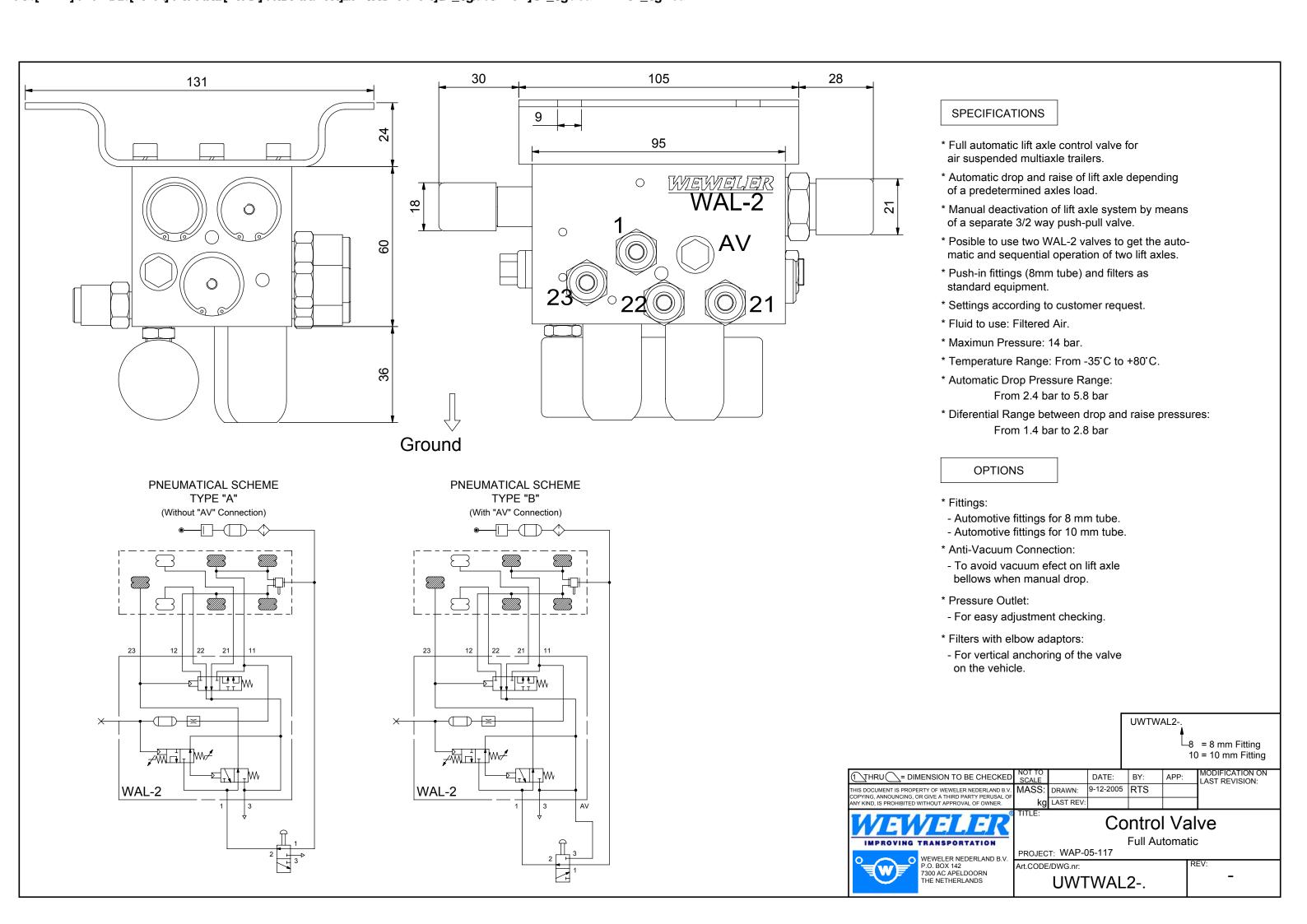
last rev:	Modification on last revision



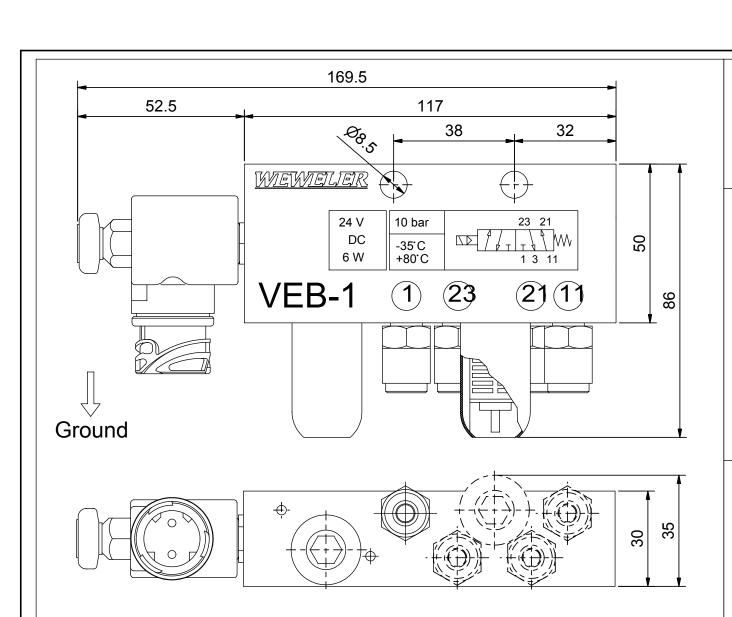








140 22 30 105 28 **SPECIFICATIONS** * Full automatic lift axle control valve for air suspended multiaxle trailers. * Automatic drop and raise of lift axle depending WEWELER WAL-3 of a predetermined axles load. * Temporary manual lifting of the lift axle when loaded, 0 for a determined period of time, on electric command from a switch in the vehicle cab. 0 9 * Manual deactivation of lift axle system by means of a separate 3/2 way push-pull valve. 0 * Posible to use two WAL-3 valves to get the automatic and sequential operation of two lift axles. * Push-in fittings (8mm tube) and filters as standard equipment. * Settings according to customer request. * Fluid to use: Filtered Air. * Maximun Pressure: 14 bar. * Temperature Range: From -35°C to +80°C. * Automatic Drop Pressure Range: From 2.4 bar to 5.8 bar Ground * Diferential Range between drop and raise pressures: From 1.4 bar to 2.8 bar **OPTIONS** PNEUMATICAL SCHEME PNEUMATICAL SCHEME TYPE "B" TYPE "A" * Fittings: (Without "AV" Connection) (With "AV" Connection) - Automotive fittings for 8 mm tube. - Automotive fittings for 10 mm tube. * Anti-Vacuum Connection: - To avoid vacuum efect on lift axle bellows when manual drop. * Pressure Outlet: - For easy adjustment checking. * Filters with elbow adaptors: - For vertical anchoring of the valve on the vehicle. UWTWAL3-8 = 8 mm Fitting 10 = 10 mm Fitting THRU = DIMENSION TO BE CHECKED DATE: BY: DRAWN: 9-12-2005 RTS WAL-3 WAL-2 HIS DOCUMENT IS PROPERTY OF WEWELER NEDERLAND B.V kg LAST REV: **Control Valve** Full Automatic with Electrical Activation IMPROVING TRANSPORTATION PROJECT: WAP-05-117 WEWELER NEDERLAND B.V P.O. BOX 142 7300 AC APELDOORN THE NETHERLANDS Art.CODE/DWG.nr: UWTWAL3-.

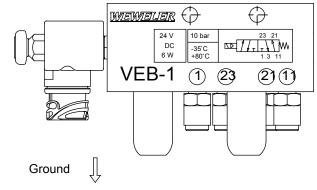


ANCHORING ORIENTATION

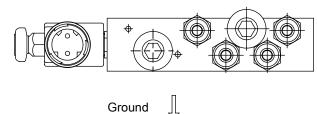
- * The best orientation: Filters looking down.
- * Acceptable orientation: Filters in horizontal position.
- * Non-acceptable orientation: Filters looking up.

THE BEST ORIENTATION

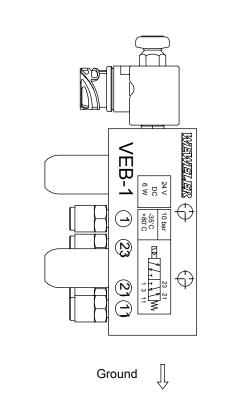
(Filters looking down)

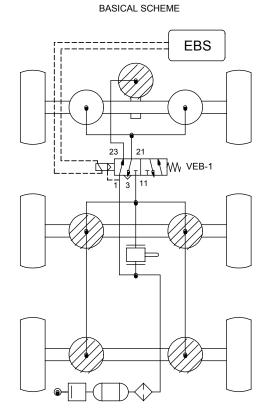


ACCEPTABLE ORIENTATION



ACCEPTABLE ORIENTATION





WORKING SPECIFICATIONS

- * Pneumatical scheme: see drawing.
- * Max. working pressure: 10 bar.
- * Safe static pressure: 15 bar.
- * Temp. range: from -35 C to +80 C.
- * Electrical details: 24V DC 6W.
- * Electrical Duty: 100%.
- * Solenoid with bayonet connector DIN72585-A1-2.1 (IP-68).
- * Electromagnetic compatibility (EMC) according to 89/336/EEC.
- * Low voltage equipment (LVD) according to 73/23/EEC.
- * Optional: Solenoid with industrial connector DIN43650 (IP-65).

PNEUMATICAL CONNECTIONS

Ports n.1, n.23, n.21 and n.11

* Automotive push-in fittings for 8 mm tube.

Port n.3 (Exhaust) and breathing

* Filter + filter cover.

Exhaust port of solenoid valve

* Rubber cup protection.

Installation

- * Port n.1: Air pressure inlet.
- * Port n.11: Suspension line.
- * Port n.21: Lift axle bellows.
- * Port n.23: Lifter.

OPTIONS

- 1) Electrical connector:
- * Standard:
- Solenoid with bayonet connector DIN72585-A1-2.1 (IP-68).
- Optional:
- Solenoid with industrial connector DIN43650 (IP-65).

2) Fittings

- * Standard:
- Automotive Push-in Fittings for 8mm tube.
- * Optional:

Fittings for 10mm tube.

UWTVEB1-

B8 = 8 mm Bayonet Fitting B10 = 10 mm Bayonet Fitting 18 = 8 mm Industrial Fitting 110 = 10 mm Industrial Fitting



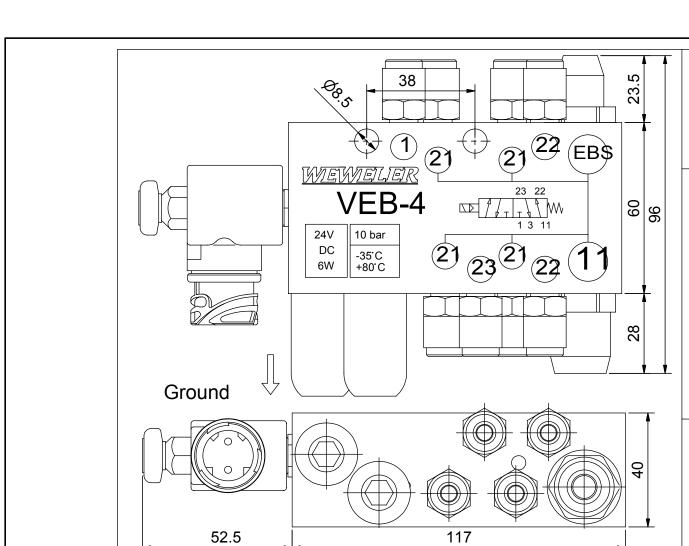
MODIFICATION ON LAST REVISION: THRU = DIMENSION TO BE CHECKED DATE: BY: APP: DRAWN: 29-11-2005 RTS MASS: LAST REV:

Lift Axle Control Valve

for EBS System (single circuit)

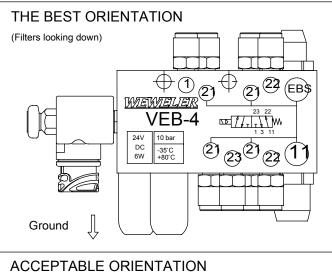
PROJECT: WAP-05-117 Art.CODE/DWG.nr:

UWTVEB1-.

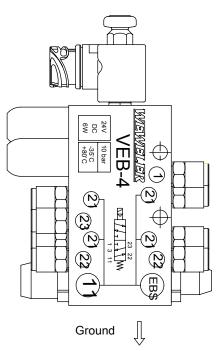


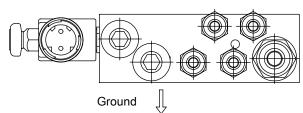
ANCHORING ORIENTATION

- * The best orientation: Filters looking down.
- * Acceptable orientation: Filters in horizontal position.
- * Non-acceptable orientation: Filters looking up.

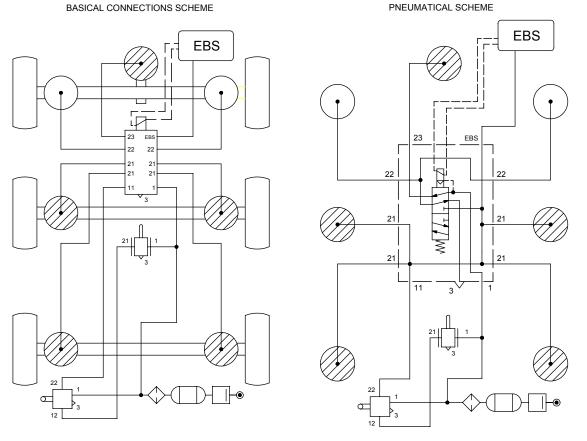


ACCEPTABLE ORIENTATION





BASICAL CONNECTIONS SCHEME



WORKING SPECIFICATIONS

- * Pneumatical scheme: see drawing.
- * Max. working pressure: 10 bar.
- * Safe static pressure: 15 bar.
- * Temp. range: from -35 C to +80 C.
- * Electrical details: 24V DC 6W.
- * Electrical Duty: 100%
- * Solenoid with bayonet connector DIN72585-A1-2.1 (IP-68).
- * Electromagnetic compatibility (EMC) according to 89/336/EEC.
- * Low voltage equipment (LVD) according to 73/23/EEC.
- * Optional: Solenoid with industrial connector DIN43650 (IP-65).

PNEUMATICAL CONNECTIONS

Ports n.1, n.21, n.22 and n.23

* Automotive push-in fittings T-8mm.

Port n.11

* Automotive push-in fittings T-12mm.

Port n.3 (Exhaust) and breathing

* Filter + filter cover.

Exhaust port of solenoid valve

* Rubber cup protection.

Installation

- * Port n.1: Air pressure inlet.
- * Port n.11: From raise /lower valve
- * Port n.21: To non-lift axle bellows
- * Port n.22: To lift axle bellows.
- * Port n.23: To lifter.
- * Port "EBS": To EBS pressure sensor

OPTIONS

1) Electrical connector:

- * Standard:
- Solenoid with bayonet connector DIN72585-A1-2.1 (IP-68).
- * Optional:
- Solenoid with industrial connector DIN43650 (IP-65).

2) Fittings

- * Standard:
- Automotive Push-in Fittings for 8mm tube
- * Optional:
- Fittings for 10mm tube.
- 3) Connection EBS pressure sensor:
- * Standard: With M16x1,5-T8mm fitting in port "EBS".
- * Optional: Without fitting in port "EBS".

DATE:

UWTVEB4-

B8 = 8 mm Bayonet Fitting B10 = 10 mm Bayonet Fitting 18 = 8 mm Industrial Fitting 110 = 10 mm Industrial Fitting



THRU = DIMENSION TO BE CHECKED HIS DOCUMENT IS PROPERTY OF WEWELER NEDERLAND B.V. OPYING, ANNOUNCING, OR GIVE A THIRD PARTY PERUSAL OF NY KIND, IS PROHIBITED WITHOUT APPROVAL OF OWNER. MASS:

kg LAST REV:

BY: APP: LAST REVISION: 12-12-2005 RTS

Lift Axle Control Valve

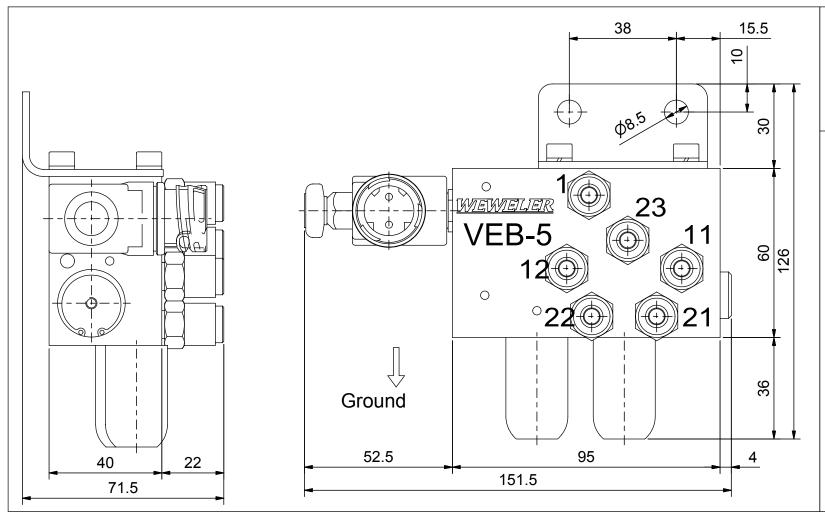
for EBS System (double circuit) PROJECT: WAP-05-117

Art.CODE/DWG.nr:

DRAWN:

UWTVEB4-.

MODIFICATION ON

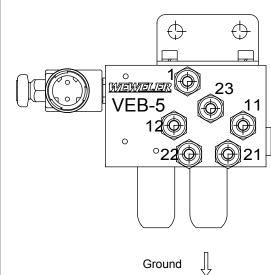


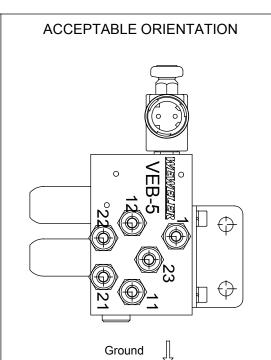
ANCHORING ORIENTATION

- * The best orientation: Filters looking down.
- * Acceptable orientation: Filters in horizontal position.
- * Non-acceptable orientation: Filters looking up.

THE BEST ORIENTATION

(Filters looking down)





BASICAL CONNECTIONS SCHEME

EBS VEB-5

PNEUMATICAL SCHEME

EBS

-ETTIMI M. I. \ \

WORKING SPECIFICATIONS

- * Pneumatical scheme: see drawing.
- * Max. working pressure: 10 bar.
- * Safe static pressure: 15 bar.
- * Temp. range: from -35 C to +80 C°.
- * Electrical details: 24V DC 6W.
- * Electrical Duty: 100%.
- * Solenoid with bayonet connector DIN72585-A1-2.1 (IP-68).
- * Electromagnetic compatibility (EMC) according to 89/336/EEC.
- * Low voltage equipment (LVD) according to 73/23/EEC.
- * Optional: Solenoid with industrial connector DIN43650 (IP-65).

PNEUMATICAL CONNECTIONS

Ports n.1, 11, 12, 21, 22 and 23

- * Automotive push-in fittings for 8 mm tube.
- Port n.3 (Exhaust) and breathing
 - * Filter + filter cover.

Exhaust port of solenoid valve

* Rubber cup protection.

Installation

UWTVEB5-

18 = 8 mm Industrial Fitting

- * Port n.1: Air pressure inlet.
- * Ports n.11, n.12: Suspension lines.
- * Ports n.21, n.22: Lift axle bellows. * Port n.23: Lifter.

OPTIONS

1) Electrical connector:

- * Standard:
- Solenoid with bayonet connector DIN72585-A1-2.1 (IP-68).
- * Optional:

Solenoid with industrial connector DIN43650 (IP-65).

2) Fittings

* Standard:

Automotive Push-in Fittings for 8mm tube.

* Optional:

Fittings for 10mm tube.

DATE:

12-12-2005 RTS

HIS DOCUMENT IS PROPERTY OF WEWELER NEDERLAND B.V. MASS: DRAWN: B8 = 8 mm Bayonet Fitting B10 = 10 mm Bayonet Fitting

IMPROVING TRANSPORTATION 110 = 10 mm Industrial Fitting WEWELER NEDERLAND B.V.

THRU = DIMENSION TO BE CHECKED

P.O. BOX 142 7300 AC APELDOORN THE NETHERLANDS

Lift Axle Control Valve

for EBS System (double circuit)

BY:

PROJECT: WAP-05-117 Art.CODE/DWG.nr:

kg LAST REV:

UWTVEB5-.

LAST REVISION: