




Air Springs for Commercial Vehicles



5th edition



© Copyright WABCO 2005

WABCO

Vehicle Control Systems
An American Standard Company

Table of Contents

Index	Page
1. Introduction	3 ... 5
WABCO World Leader in Air Suspension systems	3
The WABCO Air Spring Concept	3
Air Suspension Features and Benefits	4
Air Suspension Maintenance Vehicle Check-List	4
Air Spring Installation	4
Important tips to remember when installing a new unit	5
2. Cross Reference List	6 ... 8
3. Air Springs for Commercial Vehicles	9 ... 37
4. Application List	38 ... 61
Application Trailer	38
Application Trucks	43
Application Bus	50
5. Causes of Failure	62 ... 66
Over-Extension	62
Normal Cycle Fatigue	63
Damage from Chemicals	64
Corrosion and Impacts	65
Abrasion	66
6. General Information	67



WABCO World Leader in Air Suspension systems

At WABCO, suspension has always been one of our priorities:

Conventional Air suspension valves and our ECAS system (Electronic control of air suspension) attest to our presence and leadership in pneumatic vehicle suspension control.

In the early 90's, WABCO worked with the biggest vehicle manufacturers (commercial and passenger vehicles), on the ECAS system. This system optimizes the pneumatic suspension technology and resolves some problems to which the others systems only give limited solutions.

The WABCO Air Spring Concept

WABCO air springs for trucks and trailers protect cargo, provide constant level hauling, and deliver long, trouble free service. WABCO air springs give your vehicles a new high in productivity and long life. They offer a quiet, cushioned ride. Because there's less vibration, truck, trailer and bus bodies last longer than with steel springs. The driver rides in greater comfort, becomes less fatigued and stays more alert. And cargo gets better protection from shock and vibration.

Steel springs, even new lightweight composite springs, have one major drawback. They must be designed stiff enough to carry the maximum load, or GVW of the vehicle. When a truck is deadheading or is only partially loaded, steel suspension systems are too stiff to allow the deflection necessary to prevent vibration and shock from being transmitted from the wheels to the frame.

Today, WABCO launches a range of trailer, bus and truck air springs in order to complete the range of vehicle suspension system functions. This range has been developed in partnership with one of the biggest pneumatic manufacturers in the world - GOODYEAR. This co-operation brings together joint expertise well known in the industrial vehicle markets:

A partnership which has brought to the market place a reliable, high quality product.

That's not the case with WABCO air springs. The key is compensating spring rate.

Air springs allow for a change in spring rate, or stiffness, to accommodate load changes.

A lightly loaded vehicle operates with lower air pressure in the springs, while a fully loaded vehicle operates with a high spring pressure. Changing from low to high pressure is done automatically through special height-sensing valves.

Little wonder that WABCO air springs are found on vehicles as diverse as semi-tractors and trailers and city buses. For driver comfort, load cushioning, and long life for your trucks, trailers and buses, specify WABCO air springs.

Air Suspension Features and Benefits

- Reduces need for electrical and instrument maintenance
- Reduces cab and body damage
- Reduces axle, transmission and tire wear
- Reduces downtime
- Extends vehicle life
- Reduces driver fatigue
- Improves vibration damping in both loaded and unloaded conditions
- Broadens types of loads available for transport, including electronic equipment where air suspensions are required by the shipper
- Greater driver comfort
- Increased resale value
- Protects hinges, lights, rivets, and all vehicle hardware
- Suspension manufacturers have built in a greater degree of durability, longer warranty periods
- Increased need for greater axle excursion
- Increased load capacities being transported

Air Suspension Maintenance Vehicle Check-List

- Check air lines and fittings for leaks: scuffing on air spring.
- Check for proper clearance around air spring when inflated. Generally, a minimum of 36 mm will allow for the increased diameter which occurs in heavy bounce.
- Periodically, check suspension for proper ride height. This dimension should be maintained +/- 7 mm to protect the springs and shock absorbers from over-extension or frequent bottoming out of the suspension.
- When doing routine vehicle maintenance, block up the suspension and check for irregular wear or material build-up on the flexmember. Clean, if necessary, using a non-petroleum based cleaning solution.
- Check rolling lobe piston for material build-up. Hardened debris on the piston will shorten spring life and should be removed as part of your regular maintenance.
- Check shock absorbers for any signs of leaking hydraulic fluid, broken end connections, worn bushings or cylinders, over extension.
- Periodically, check nuts and bolts for proper torque. See manufacturer's manual for specific recommendations.
- Check height control valve to see that it is functioning properly. Clean or replace, if necessary. A properly maintained valve will save hundreds of pounds in unneeded maintenance expense.
- Routine inspection of all of the above, according to a pre-determined mileage maintenance schedule, will extend the life of your vehicle and reduce your overall maintenance expense.

Air Spring Installation

Before you start installing air springs, make sure you have all the necessary tools and equipment to perform the repair safely.

Familiarize yourself with the suspension on which you are performing the repair by reviewing the manufacturer's service guide.

If you are in doubt about something, ask for assistance from a qualified suspension specialist, the suspension manufacturer or the air spring manufacturer; it can save you a lot of time and aggravation later in the job.

Important tips to remember when installing a new unit

- When disconnecting the leveling valve linkage, check for bent or broken linkage; if you find any, replace the damaged parts.
- Check shock absorbers for possible replacement. There are usually two warning signs indicating a worn shock. If it can be easily compressed or extended, it's time for a new unit. Also, if the vehicle has just been brought in for service, the shock should be warm to the touch. If not, it needs to be replaced. Remember, proper shock absorbers maintenance is one of the keys to long air spring life.
- Once the air lines are disconnected, check their entire length for cracks or other damage. Also check fittings for looseness and, of course, replace any worn components.
- Sometimes the cause of air spring failure is visible and / or readily apparent; other times it's not. When it isn't, inspect the air spring after you have removed it to determine the cause of failure and then correct the root cause of the problem.
- With the air spring removed, other parts of the air suspension become more accessible. Check for wear or damage of the frame hangers, trailing arm bushings, torque rods, the trailing arms and the air spring mounts. Again, replace components where necessary.
- Also check the area around the air spring mounting to ensure there aren't any obstacles or sharp edges that can damage the new air spring.
- Before installing the new unit, clean the air spring mounting plates to ensure proper attachment to the suspension.
- Always use new attaching bolts for the installation. Old bolts should never be reused since they may fail.
- Check the leveling arm for proper operation. Under load, the leveling arm should move from the neutral position up to the intake position. This lets air into the springs, which brings the arm back to the neutral position. When the load is removed, the leveling arm should move down to the exhaust position. That opens the exhaust valve, allowing air to escape until the arm returns to the neutral position.

WABCO Ref. no.	Contitech	Goodyear	Firestone		Phoenix	CF Gomma (Pirelli)		Taurus	Dunlop UK Trelleborg	Dunlop Springride	Page
			Style	Ref.		Style	Ref.				
896 130 105 4	644 N	8017	1R1A 390-295	095 0118	1E21	1S 285-24	92574	B 121	PNP 301470101 PNP 301470102	D11S01	9
896 130 106 4	720 N	9008	1R2A 460-295	095 0195	1F21	1SC 290-30	88802	B 152	PNP 301000100	D12S04	9
896 130 110 4	884 N	9002			1F20 B-2	1SC 270-25	97608	BL 249		D12S06	10
896 130 111 4	1884 N1/ 1885 N1	9003	1R2A 445-280	095 0429	1F20 B-1	1SC 270-28	97043			D12S07	10
896 130 117 4	661 N/F44	8018	1R1C 390-310	095 0021	1E25	1S 310-28	89726	B 114	PNP 304980101	D12S02Re	11
896 130 118 4	RZ 415-28	9005	1R5P 410-290	095 0382	2G20A	1S 280-28	203001	B 272		D12S09	12
896 130 119 4	916 N1	9015			1F21C-5			B 154		D12S05	12
896 130 120 4	RZ 415-25	9004	1R5P 345-290	095 0381	2G20	1S 280-25	203000	B 271		D12S08	12
896 130 121 4		9009	1R1B 390-270	095 0121		1S 270-23	97619	B 113			13
896 130 122 4	762 N	9010	1R2D 390-360	095 0190	1F32	1SC 360-30	92594	B 143	PNP 307800100	D13S02 / SP2190	13
896 130 123 4	883 N1	9012			1F21-2	1SC 250-29BB	204250			D13S03	14
896 130 124 4	782 N	9013	1R1A 415-285	095 0197		1S 285-25	97555	B 124		D11S02	14
896 130 125 4	727 N	8117	1R2D 460-360	095 0191	1F32A	1SC 360-34	92575	B 149	PNP 306420100	D13S04	15
896 130 126 4	662 N	9007	1R1D 355-355	095 0030	1E32	1SC 360-30	92594	BL 143	PNP 302730101	D13S01 / SP2188	15
896 130 145 4	RZ 450-25	9050			1E23	1S 300-27	203386	BL 128			16
896 130 146 4	673 N	9051	1R1A 370-285	095 0198	1F21A	1SC 285-22	88786	B 141			16
896 130 153 4	882 N1	9048			1F16-2	1SC 250-28	97042	B 155		D12S12	16
951 809 201 0	FD 200-19	2B9-223	20	M58 6910	2B12R-3 SP2 B12 R1	T20	86660	KF 216 KF 218-6910		S09201	17
951 811 106 0 (comp.p.)	4157 NP05	1R11-106	1T15 MP-7	M58 7074	1DK21A-3			KR 913-57		D12B17	17
951 811 111 0 (comp.p.)	4157 NP04	1R11-111	1T15 MPW-7	M58 6297	1DK21A-8			KR 915-54		D12B18	17
951 811 700 0	941 MB	1R11-700	1T17 D-8.3	M58 8620	1DK21	1TC 300-36	204466	KR 730-01		D11U30	18
951 811 702 0	941 MB, cpl.	1R11-702	1T17 D-8.3	M58 8619	1DK21 cpl.	1TC 300-36	205170			D11B38	18
951 811 703 0	940 MB	1R11-703	1T17 D-4.3	M58 8613	1DK21K			UR 732-01T		D11U31	18
951 811 705 0	4004 NP02	1R11-705	1T17 BS-6	M58 6366	1DK22E-5	1T 323-33	97722	UR 725-27T		D12U13	19
951 811 710 0	4022 NP03	1R11-710	1T17 BS-6	M58 6367	1DK22E-9	1T 300-37	204677	UR 725-28			19

 = New Part Number

WABCO Ref. no.	Contitech	Goodyear	Firestone		Phoenix	CF Gomma (Pirelli)		Taurus	Dunlop UK Trelleborg	Dunlop Springride	Page
			Style	Ref.		Style	Ref.				
951 811 713 0 (comp.p.)	4004 NP03	1R11-713	1T17 BS-7		1DK22E-8	1T 300-37 / 1T 19 E5	203715	K 505-27 SM		D12B13	20
951 811 714 0 (comp.p.)	4022 NP03	1R11-714	1T17 BS-6	M58 6367	1DK22E-9	1T 300-37 / 1T 19 E5	204677	KR 725-28		D12B14	20
951 811 743 0 (comp.p.)		1R11-743								D11B33	21
951 811 750 0 (comp.p.)		1R11-750				1T300-37	203715			D11B34	21
951 811 751 0 (comp.p.)	4022 NP03	1R11-751				1T300-37	206340			D11B35	21
951 811 762 0		1R11-762								D11B38	22
951 811 763 0 replacement for 951 811 712 0	940 MB cpl.	1R11-763			1DK21K,cpl. BPW 30K					D11B39	22
951 811 764 0	4157 NP06	1R11-764	1T15 MPW-7	968 6316	1DK20A-1					D11B37	22
951 811 772 0	4157 NP10	1R11-772	1T15 MPW-7	379 6315	1DK20A-51			KR 915-51			23
951 812 701 0	4159 NP06	1R12-701	1T15 M-9	M58 7548	1DK21B-4	1T 323-40	204124	KR 509-22	PNP 311370000	D12B01 D12B08	23
951 812 702 0	4159 NP07	1R12-702	1T15 M-9	379 9091	1DK21B-6	1T 323-40	202302	KR 509-25	PNP 311380000	D12B15	23
951 812 703 0		1R12-703	1T15 M-9	M58 6289	1D23 E-3	1T 323-40BG	97307			D12B07 D12B09	24
951 812 706 0		1R12-706	1T15 M-6	379 9089				KR 506-28		D12B16	24
951 812 710 0	836 M2	1R12-710	1T17 AR-4.5	D08 8777	1DF25-3			UR 721-03T		D13U31	24
951 812 711 0	836 M2 K1	1R12-711	1T17 AR-4.5	D08 8721	1DF25-13			KR 721-03		D13B31	25
951 812 712 0	836 MK1	1R12-712	1T17 AR-4.5	D08 8722	1DF25-11			KR 721-06		D13B32	25
951 812 719 0	4156 NP06	1R12-719	1T15 M-6	358 9361	1DK21 A-2			KR 506-28		D12B19	25
951 812 721 0 (comp.p.)	4159 NP09	1R12-721	1T15 M-9	379 9131	1DK21 B-8	1T 323-40	200751			D12B04	26
951 812 749 0	4158 NP03	1R12-749	1T15 MP9	M58 6285	1DK20 B-1			DA 34158/0103		D12B22	26
951 812 762 0	4713 NP02	1R12-762								D12B24	26
951 813 150 0		1R13-150	1T17 B11	M58 8747							27

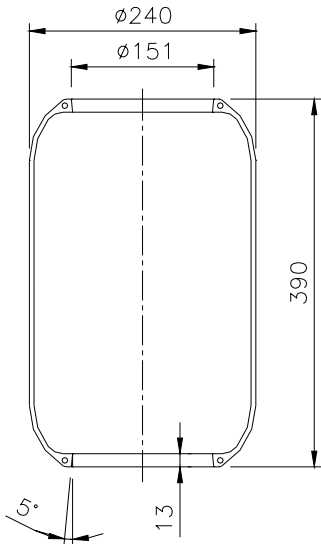
 = New Part Number

WABCO Ref. no.	Contitech	Goodyear	Firestone		Phoenix	CF Gomma (Pirelli)		Taurus	Dunlop UK Trelleborg	Dunlop Springride	Page
			Style	Ref.		Style	Ref.				
951 813 711 0	4912 NP07	1R13-711								D13B40	27
951 813 714 0	4911 NP03	1R13-714								D13B41	27
951 814 700 0	942 MB	1R14-700			1DK32-1			UR 837-01T			28
951 814 701 0	4881 NP02	1R14-701	1T66 D-7.0	M58 8601	1DK32K			UR 838-01T		D14U37	28
951 814 704 0	725 NP01	1R14-704	1T66 E-10.8	M58 8969		1TCS 360-45	202964	UR836-11		D14U38	28
951 814 705 0	4813 NP06 (alu) 813 MB	1R14-705	1T19 L-11	M58 7345 M58 6364	1D28B-2 E2	1T19 E-2	87408	KR622-26	PNP 311770000	D13B02 D13B19	29
951 814 706 0	810 MB 2st	1R14-706	1T19 L11	M58 6361	1DK28-B-7	1T19 E-2	93762	K622-23		D13B12 D13B18	30
951 814 708 0	881 MB	1R14-708	1T66 E-10.8	M58 8978	1DK32-1	1TC 360-45	204530	UR836-01T		D14U36	30
951 814 712 0	881 MB cpl.	1R14-712			1DK32cpl.	1TC 360-45	205171	KR836-01/03/ 04		D14B36	31
951 814 716 0	4810 NP06 810 MB 4st	1R14-716	1T19 F-7	M58 7337	1D28A-2 E1	1T19 E-1	87413/1	KR621-26	PNP 311780000	D13B01 D13B20	31
951 814 727 0	4813 NP07	1R14-727	1T19 F-11	M58 7358	1D28B-9	1T19 E-2 BR	97764	KR622-01		D13B10 D13B22	32
951 814 728 0		1R14-728									32
951 814 729 0	4023 NP03	1R14-729	1T19 L11	M58 6348		1T19 E-2	204676	KR622-18		D13B26	33
951 814 730 0		1R14-730	1T19 L7	M58 6338	1D28A-12	1T19 E-1	205456	KR621-18		D13B25	33
951 814 747 0	725 NP02	1R14-747	1T66 E-108	M58 8969		1TCS360-45	205800			D14B40	33
951 814 748 0 (comp.p.)		1R14-748								D14B41	34
951 814 753 0	4913 NP02	1R14-753	1T 19 R13	M58 8098	1D28H-16			KR625-16		D14B42	34
951 814 756 0	725 NP03	1R14-756	1T66 E-10.8	M58 8969						D14B43	35
951 814 757 0 (comp.p.)		1R14-757								D14B44	35
951 814 781 0		1R14-781									36
951 895 050 0	4390 NP01	9505								D12T10	36
951 895 060 0	4390 NP02	9506								D12T11	36
951 899 001 0		2B12-2450								SP2782 NB	37
951 899 002 0		1S4-034									37

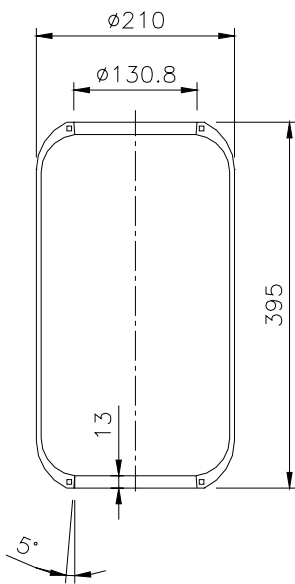
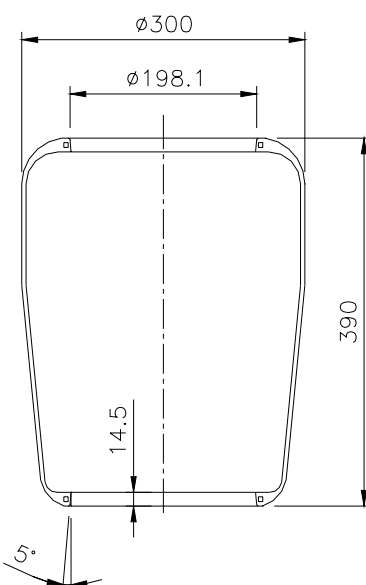
 = New Part Number

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Bellow 896 130 105 4		BPW 02.200.24.400 Büssing 536905265/6 DAF 689677 DaimlerChrysler 307.327.0101 307.328.0001 Hanomag-Henschel 546905134 Heuliez 0303 Ikarus 644N Iveco Magirus 536 905 265 Kässbohrer-Setra 4.771.170.000 Magirus Deutz 536 905 265 Neoplan Auwärter 1001 12 254 Van Hool 624319-610 Volvo 1134445	Contitech 644 N Goodyear 8017 Firestone 1R1A 390-295 095 0118 Phoenix 1E-21 CF Gomma (Pirelli) 1S 285-24 92574 Taurus B 121 Dunlop U.K. PNP 301470101 PNP 301470102 Dunlop Springride D11S01
Bellow 896 130 106 4		BPW 02.200.24.100 DaimlerChrysler 387 328 01 01 387 328 00 01 Dennis 650883/4 MAN 81.43601.0033/36/ 37 Volvo Truck 1590136 1622115	Contitech 720 N Goodyear 9008 Firestone 1R2A 460-295 095 0195 Phoenix 1F21 CF Gomma (Pirelli) 1SC 290-30 88802 Taurus B 152 Dunlop U.K. PNP 301000100 Dunlop Springride D12S04

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Bellow 896 130 110 4		MAN Truck 81.43601.0066/68/ 69/106/108 Iveco Fiat 8188539 Pegaso 500301452 DaimlerChrysler A 658.328.0001 MAN Bus/Coach 81.43601.0066/68/ 69/106/108/.. R.V.I. 50 10 294 385	Contitech 884 N Goodyear 9002 Phoenix 1F20 B-2 CF-Gomma (Pirelli) 1S 270-25 97608 Taurus BL 249 Dunlop Springride D12S06
Bellow 896 130 111 4		Iveco Fiat 98478799 MAN Bus/Coach 81.43601.0104/109/ 111/120/150 Contitech 1884N1 1885N1 Phoenix 1F20B-1 CF Gomma (Pirelli) 1SC 270-28 97043 Goodyear 9003	Contitech 1884 N1 1885 N1 Goodyear 9003 Firestone 1R2A 445-280 095 0429 Phoenix 1F20B-1 CF Gomma (Pirelli) 1SC 270-28 97043 Dunlop Springride D12S07

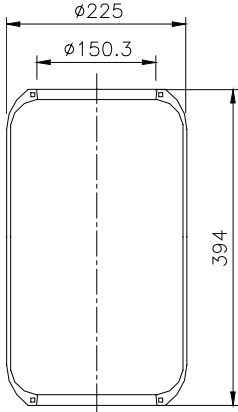
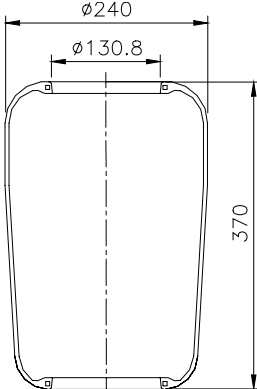
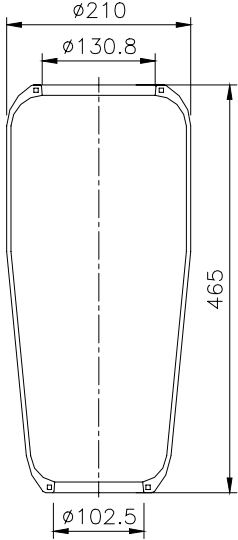
WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Bellow 896 130 117 4		Büssing 546905134 831120144 Hanomag Henschel 536905265 536905266 IVECO-Fiat 4746733 IVECO-Ford 93197594 IVECO-Magirus 249.8667 EC5067-04 41822247 Kässbohrer-Setra 4.731.012.000 Magirus Deutz 041822247 02498667 MAN 90.83112.0144 90.83112.0114 Neoplan Auwärter AA10-01-001 1001 12 250 Schmitz-Anhänger 750208 Van Hool 624319-690 Volvo 1593842 1137882 1137888	Contitech 661 N 661 N F 44 Goodyear 8018 Firestone 1R1C 390-310 095 0021 Phoenix 1E-25 CF Gomma (Pirelli) 1S 310-28 89726 1S 310-28 91016 Taurus B 114 Dunlop U.K. PNP 304980101 Dunlop Springride D12S02Re

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Bellow 896 130 118 4		Volvo 3027272	Contitech RZ 415-28 Goodyear 9005 Firestone 1R5P 410-290 095 0382 Phoenix 2G20A CF Gomma (Pirelli) 1S 280-28 203001 Taurus B 272
Bellow 896 130 119 4		MAN 81.43601.0095/97 81.43601.0102/105 81.43601.0126	Contitech 916 N1 Goodyear 9015 Phoenix 1F21C-5 Taurus B 154 Dunlop Springride D12S05
Bellow 896 130 120 4		Volvo 3027271	Contitech RZ 415-25 Goodyear 9004 Firestone 1R5P 345-290 095 0381 Phoenix 2G20 CF Gomma (Pirelli) 1S 280-25 203000 Taurus B 271 Dunlop Springride D12S08

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Bellow 896 130 121 4		Iveco-Fiat 8188526	Goodyear 9009 Firestone 1R1B 390-270 095 0121 CF Gomma (Pirelli) 1S 270-23 97619 Taurus B 113
Bellow 896 130 122 4		BPW 02.200.24.200 DAF 644425 578361 Evobus 4.731.013.000 Gigant 196035 Kässbohrer-Setra 4731 013 000 MAN 81.43601.0049 81.43601.0052 Neoplan 1021.003.00 Van Hool 624319640	Contitech 762 N Goodyear 9010 Firestone 1R2D 390-360 095 0190 Phoenix 1F32 CF Gomma (Pirelli) 1SC 360-30 92594 Taurus B 143 Dunlop U.K. PNP 307800100 Dunlop Springride D13S02 SP2190

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Bellow 896 130 123 4		MAN 81.43601.0071/72 81.43601.110/128 Volvo (Truck) 1082085 Iveco-Fiat 97108363	Contitech 883 N1 Goodyear 9012 Phoenix 1F21-2 CF Gomma (Pirelli) 1SC 250-29BB 200536 Dunlop Springride D13S03
Bellow 896 130 124 4		Iveco-Fiat 4716989 Menarini 178741 R.V.I. 50 00 787 632 50 00 869 179 50 00 954 176	Contitech 782 N Goodyear 9013 Firestone 1R1A 415-285 095 0197 CF Gomma (Pirelli) 1S 285-25 97555 Taurus B 124 Dunlop Springride D11S02

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Bellow 896 130 125 4		BPW 02.200.24.200 DAF Truck 638148 DaimlerChrysler 307.328.0101 Kässbohrer 4731 013 000 MAN 81.43601.0065/67 81.43601.0066 81.43601.0057/58 Schmitz Anhänger 750212 Van Hool 624319-640 Volvo Bus 1134446	Contitech 727 N Goodyear 8117 Firestone 1R2D 460-360 095 0191 Phoenix 1F32A CF Gomma (Pirelli) 1SC 360-34 92575 Taurus B 149 Dunlop U.K. PNP 306420100 Dunlop Springride D13S04
Bellow 896 130 126 4		Ackermann 2680662000 BPW 02.200.24.600 MAN-VW Truck 81.43601.0018/51 Neoplan Auwärter AA10-01-002 Schmitz- Anhänger 750209 Van Hool 624319-610	Contitech 662 N Goodyear 9007 Firestone 1R1D 355-355 095 0030 Phoenix 1E32 CF Gomma (Pirelli) 1SC 360-30 92594 Taurus BL 143 Dunlop U.K. PNP 302730101 Dunlop Springride D13S01 SP2188

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Bellow 896 130 145 4		DaimlerChrysler 356.327.0001	Contitech RZ 450-25 Goodyear 9050 Phoenix 1E23 CF Gomma (Pirelli) 1S 300-27 203386 Taurus BL 128
Bellow 896 130 146 4		DAF Coach(NL) 0627584 Iveco Fiat 4714025 Magirus Deutz 02491566 Volvo 11611776	Contitech 673 N Goodyear 9051 Firestone 1R1A 370-285 095 0198 Phoenix 1F21A CF Gomma (Pirelli) 1SC 285-22 88786 Taurus B 141
Bellow 896 130 153 4		MAN (Truck) 81.43601.0065/67 81.43601.0070/92 81.43601.0100/103 81.43601.0121/132	Contitech 882 N1 Goodyear 9048 Phoenix 1F16-2 CF Gomma (Pirelli) 1SC 250-28 97042 Taurus B 155 Dunlop Springride D12S12

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
<p>Twin concert in a bellow 951 809 201 0</p> <p>Bellow * 896 130 127 4</p>		<p>Granning 1371 15603 Meritor 21221395 21222663 Weweler US06910F Hendrickson NA 1827</p>	<p>Contitech FD 200-19 Goodyear 2B9-223 Firestone 20 M58 6910 Phoenix 2B12R-3 SP2 B12 R1 CF Gomma (Pirelli) T20 86660 Taurus KF 216 KF 218-6910 Dunlop Springride S09201</p>
<p>Air Spring complete 951 811 106 0 (Plastic Piston)</p> <p>Bellow * 896 130 108 4</p>		<p>Meritor 21222442</p>	<p>Contitech 4157 N P05 Goodyear 1R11-106 Firestone 1T15 MP-7 M58 7074 Phoenix 1DK 21 A-3 Taurus KR 913-57 Dunlop Springride D12B17</p>
<p>Air Spring complete 951 811 111 0 (Plastic Piston)</p> <p>Bellow * 896 130 108 4</p>		<p>Meritor 21221307 DaimlerChrysler 946.328.1401 Weweler US 87 EURO F</p>	<p>Contitech 4157 N P04 Goodyear 1R11-111 Firestone 1T15 MPW-7 M58 6297 Phoenix 1DK 21 A-8 Taurus KR 915-54 Dunlop Springride D12B18</p>

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring 951 811 700 0 Bellow * 896 130 101 4	<p>Side view: $\phi 240$ (top), 519 (height).</p> <p>Top view: $\phi 258$ (outer), 150 (inner), 25 (offset), 73 (offset), M12x1.75 (hole), M22x1.5 (hole).</p>	BPW 30 05.429.40.03.0	Contitech 941 MB Goodyear 1R11-700 Firestone 1T17 D-8.3 M58 8620 Phoenix 1DK 21 CF Gomma (Pirelli) 1TC 300-36 204466 Taurus KR 730-01 Dunlop Springride D11U30
Air Spring complete 951 811 702 0 Bellow * 896 130 101 4	<p>Side view: max. $\phi 305$ (top), min. 266, max. 697 (height), DH=385.</p> <p>Top view: $\phi 258$ (outer), 150 (inner), 25 (offset), 73 (offset), M12x1.75 (hole), M22x1.5 (hole).</p> <p>Bottom view: $\phi 201$ (outer), 60 (inner), 20 (offset), 75 (offset), 70 (offset), M16x2 (hole).</p>	BPW 30 05.429.41.24.1 05.429.40.64.1 05.429.40.52.1 (Al. Frame)	Contitech 941 MB, cpl. Goodyear 1R11-702 Firestone 1T17 D-8.3 M58 8619 Phoenix 1DK 21 cpl. CF Gomma (Pirelli) 1TC300-36 205170 Dunlop Springride D11B32
Air Spring 951 811 703 0 Bellow * 896 130 107 4	<p>Side view: $\phi 240$ (top), 422 (height).</p> <p>Top view: $\phi 258$ (outer), 150 (inner), 25 (offset), 73 (offset), M12x1.75 (hole), M22x1.5 (hole).</p>	BPW 30K 05.429.40.91.0	Contitech 940 MB Goodyear 1R11-703 Firestone 1T17 D-4.3§ M58 8613 Phoenix 1DK 21K Taurus UR 732-01T Dunlop Springride D11U31

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring 951 811 705 0 Bellow * 896 130 109 4		SAF E5 (without piston)	Contitech 4004 N P02 Goodyear 1R11-705 Firestone 1T17 BS-6 M58 6366 Phoenix 1DK 22E-5 CF Gomma (Pirelli) 1T 323-33 97722 Taurus UR 725-27T Dunlop Springride D12U13
Air Spring complete 951 811 710 0 Bellow * 896 130 109 4		SAF 3.229.0029.00	Contitech 4022 N P03 (st) Goodyear 1R11-710 Firestone 1T17 BS-6 M58 6367 (S) Phoenix 1DK 22E-9 CF Gomma (Pirelli) 1T 300-37 204677 Taurus UR 725-28

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 811 713 0 (Plastic Piston) Bellow* 896 130 109 4		SAF E5 3.229.0007.02	Contitech 4004 N P03 (Plastic Piston) Goodyear 1R11-713 (Plastic Piston) Firestone 1T17 BS-7 Phoenix 1DK 22E-8 CF Gomma (Pirelli) 1T 300-37 203715 Taurus K 505-27SM Dunlop Springride D12B13
Air Spring complete 951 811 714 0 (Plastic Piston) Bellow * 896 130 109 4		SAF E5 3.229.0029.00	Contitech 4022 N P03 (Plastic Piston) Goodyear 1R11-714 (Plastic Piston) Firestone 1T17 BS-6 M58 6367 Phoenix 1DK 22E-9 CF Gomma (Pirelli) 1T 300-37 204677 Taurus KR 725-28 Dunlop Springride D12B14

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 811 743 0 (Plastic Piston) Bellow * 896 130 101 4	<p>Side view: max. $\varnothing 305$, min. 266, max. 700, DH=385.</p> <p>Top view: $\varnothing 258$, 75, 150, 73, 25, M22x1.5, M12x1.75.</p> <p>Bottom view: $\varnothing 201$, 35, 60, 70, 20, M16x2.</p>	BPW 30 05.429.43.20.0	Goodyear 1R11-743 Dunlop Springride D11B33
Air Spring complete 951 811 750 0 (Plastic Piston) Bellow * 896 130 147 4	<p>Side view: max. $\varnothing 295$, min. 179, max. 564, DH=360, for self-tapping screws.</p> <p>Top view: $\varnothing 258$, 158, 73, M12x1.75, M22x1.5.</p> <p>Bottom view: $\varnothing 240$, $\varnothing 7.8$, $\varnothing 200$.</p>	SAF E5 2.229.0007.00 3.229.0007.02	Goodyear 1R11-750 CF Gomma (Pirelli) 1T 300-37 203715 Dunlop Springride D11B34
Air Spring complete 951 811 751 0 (Plastic Piston) Bellow * 896 130 147 4	<p>Side view: max. $\varnothing 295$, min. 179, max. 564, DH=360, for self-tapping screws.</p> <p>Top view: $\varnothing 258$, 150, 25, 73, M12x1.75, M22x1.5.</p> <p>Bottom view: $\varnothing 240$, $\varnothing 7.8$, $\varnothing 200$.</p>	SAF E5 3.229.0029.00	Contitech 4022 N P03 (Plastic Piston) Goodyear 1R11-751 (Plastic Piston) CF Gomma (Pirelli) 1T 300-37 206340 Dunlop Springride D11B35

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 811 762 0 Bellow * 896 130 101 4	<p>Side view dimensions: max. $\varnothing 305$, min. 256, max. 697, DH=385.</p> <p>Top view dimensions: $\varnothing 258$, 150, 73, 25, M22x1.5, M12x1.75.</p> <p>Bottom view dimensions: 201, 20, 60, 70, M16x2.</p>	BPW 30 05.429.40.10.1 05.429.40.28.1 05.429.40.36.1 05.429.40.52.1	Goodyear 1R11-762 Dunlop Springride D11B38
Air Spring complete 951 811 763 0 Bellow * 896 130 107 4	<p>Side view dimensions: max. $\varnothing 315$, min. 211, max. 557, DH=340.</p> <p>Top view dimensions: $\varnothing 258$, 150, 73, 25, M22x1.5, M12x1.75.</p> <p>Bottom view dimensions: 201, 20, 60, 70, M16x2.</p>	BPW 30K 05.429.41.14.1 05.429.41.23.1 05.429.41.27.1 05.429.41.53.1	Contitech 940 MB cpl. Goodyear 1R11-763 Phoenix 1DK 21K, cpl. BPW 30K Dunlop Springride D11B39
Air Spring complete 951 811 764 0 Bellow* 896 130 108 4	<p>Side view dimensions: max. $\varnothing 300$, min. 233, max. 591, DH=400.</p> <p>Top view dimensions: $\varnothing 228$, 150, 73, M22x1.5, M10x1.5.</p> <p>Bottom view dimensions: $\varnothing 260$, M12x1.75.</p>	Schmitz-Anhänger 751065 Weweler US 06316	Contitech 4157 N P06 Goodyear 1R11-764 Firestone 1T15 MPW-7 968 6316 Phoenix 1DK 20A-1 Dunlop Springride D11B37

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 811 772 0 Bellow * 896 130 108 4	<p>max. $\varnothing 320$ min. 220 max. 610 DH=400 $\varnothing 228.6$ M22x1.5 M12x1.5 157.5 $\varnothing 205$ M12x1.75</p>	Ackermann-Fruehauf M060924/UJB0975	Contitech 4157 N P10 Goodyear 1R11-772 Firestone 1T15 MPW-7 379 6315 Phoenix 1DK 20A-51 Taurus KR 915-51
Air Spring complete 951 812 701 0 Bellow * 896 130 103 4	<p>max. $\varnothing 332$ min. 246 max. 639 DH=385 $\varnothing 228.6$ M12x1.75 M20x1.5 M12x1.5 157.5 $\varnothing 258$ M12x1.75 $\varnothing 200$</p>	Montenegro Samro 2500425	Contitech 4159 N P06 Goodyear 1R12-701 Firestone 1T15 M-9 M58 7548 Phoenix 1DK 21B-4 CF Gomma (Pirelli) 1T323-40 204124 Taurus KR 509-22 Dunlop U.K. PNP 311370000 Dunlop Springride D12B01 / D12B08
Air Spring complete 951 812 702 0 Bellow * 896 130 103 4	<p>max. $\varnothing 332$ min. 246 max. 639 DH=385 $\varnothing 228.6$ M12x1.75 M20x1.5 M12x1.5 157.5 $\varnothing 258$ M12x1.75 141.4 70.7</p>	Crane Fruehauf M 001782 1524873	Contitech 4159 N P07 Goodyear 1R12-702 Firestone 1T15 M-9 379 9091 Phoenix 1DK 21B-6 CF Gomma (Pirelli) 1T 323-40 202302 Taurus KR 509-25 Dunlop U.K. PNP 311380000 Dunlop Springride D12B15

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 812 703 0 Bellow * 896 130 103 4	<p>Side view: max. $\phi 332$, min. 246, max. 639, DH=385.</p> <p>Top view: $\phi 228.6$, 20, M22x1.5, M10x1.25, 160, 70.</p> <p>Bottom view: $\phi 258$, 120, 50, M16x1.5.</p>	Cardi 58050900 Omar 11808 Zorzi 1006551	Goodyear 1R12-703 Firestone 1T15M-9 M58 6289 Phoenix 1DF 23 E-3 CF Gomma (Pirelli) 1T323-40BG 97307 Dunlop Springride D12B07 D12B09
Air Spring complete 951 812 706 0 Bellow * 896 130 136 4	<p>Side view: max. $\phi 328$, min. 203, max. 524, DH=345.</p> <p>Top view: $\phi 228.6$, M12x1.75, M20x1.2, M12x1.5, 157.5.</p> <p>Bottom view: $\phi 258$, 141.4, 70.7, M12x1.75.</p>	Crane Fruehauf M 001472 1525267	Goodyear 1R12-706 Firestone 1T15 M6 379 9089 Taurus KR 506-28 Dunlop Springride D12B16
Air Spring 951 812 710 0 Bellow * 896 130 129 4	<p>Side view: $\phi 268$, 366, $\phi 150.8$.</p> <p>Top view: $\phi 258$, 150, M10, M16x1.5, 5, 45.28, 110, 70, 145, 155.</p>	DAF 513982 0513982	Contitech 836 M2 Goodyear 1R12-710 Firestone 1T17 AR-4.5 D08 8777 Phoenix 1DF 25-3 Taurus UR 721-03T Dunlop Springride D13U31

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 812 711 0 Bellow * 896 130 129 4	<p>Side view: max. $\varnothing 305$, min. 185, max. 440, DH=268.</p> <p>Top view: $\varnothing 258$, 150, 110, 70, 145, 155, 45, 28, 5, M16x1.5, M10.</p> <p>Bottom view: $\varnothing 223$, M16x2.</p>	DAF 388167 0388167	Contitech 836 M2 K1 Goodyear 1R12-711 Firestone 1T17 AR-4.5 D08 8721 Phoenix 1DF 25-13 Taurus KR 721-03 Dunlop Springride D13B31
Air Spring complete 951 812 712 0 Bellow * 896 130 129 4	<p>Side view: max. $\varnothing 305$, min. 185, max. 440, DH=268.</p> <p>Top view: $\varnothing 258$, 150, 110, 85, 155, 33, 5, M16x1.5, M10.</p> <p>Bottom view: $\varnothing 223$, M16x2.</p>	DAF 388165 0388165	Contitech 836 MK1 Goodyear 1R12-712 Firestone 1T17 AR-4.5 D08 8722 Phoenix 1DF 25-11 Taurus KR 721-06 Dunlop Springride D13B32
Air Spring complete 951 812 719 0 Bellow * 896 130 136 4	<p>Side view: max. $\varnothing 328$, min. 203, max. 524, DH=345.</p> <p>Top view: $\varnothing 228.6$, 157.5, M12x1.75, M20x1.5, M12x1.5.</p> <p>Bottom view: $\varnothing 258$, $\varnothing 200$, M12x1.75.</p>	Neway 905.57.075 Meritor HVS (ROR) 21215761 21215762 21216135 Weweler US 35864F	Contitech 4156 N P06 Goodyear 1R12-719 Firestone 1T15 M-6 358 9361 Phoenix 1DK21A-2 Taurus KR 506-28 Dunlop Springride D12B19

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 812 721 0 (Plastic Piston) Bellow * 896 130 103 4	<p>Side view dimensions: max. $\phi 332$, min. 246 – max. 639, DH=385.</p> <p>Top view dimensions: $\phi 229$, 157.5, M12x1.75, M20x1.5, M12x1.5.</p> <p>Bottom view dimensions: $\phi 258$, M12x1.75.</p>	Fruehauf M001774 Samro 25324 Trouillet HT 18002	Contitech 4159 N P09 Goodyear 1R12-721 (Plastic Piston) Firestone 1T15 M9 379 9131 Phoenix 1DK 21B-8 CF Gomma (Pirelli) 1T 323-40 200751 Dunlop Springride D12B04
Air Spring complete 951 812 749 0 Bellow * 896 130 138 4	<p>Side view dimensions: max. $\phi 300$, min. 260 max. 700, DH=381.</p> <p>Top view dimensions: $\phi 228.6$, 73, M10x1.5, M22x1.5, 150.</p> <p>Bottom view dimensions: 260, M12x1.75.</p>	Weweler US 06285 Schmitz 750999	Contitech 4158 N P03 Goodyear 1R12-749 Firestone 1T15 MP9 M58 6285 Phoenix 1DK 20 B-1 Taurus DA 34158 Dunlop Springride D12B22
Air Spring complete 951 812 762 0 Bellow * 896 130 148 4	<p>Side view dimensions: max. $\phi 300$, min. 246 max. 491, DH=331.</p> <p>Top view dimensions: $\phi 258$, $\phi 180$, M16x1.5, 64, M10x1.5, 92.4.</p> <p>Bottom view dimensions: $\phi 192$.</p>	Volvo 1076594	Contitech 4713 N P02 Goodyear 1R12-762 Dunlop Springride D12B24

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 813 150 0 Bellow * 896 130 139 4	<p>Technical drawing of WABCO 951 813 150 0 air spring. Side view shows a U-shaped frame with a central bellow. Dimensions: max. $\varnothing 348$, min. 185, max. 638, DH=381. Top view shows a circular flange with $\varnothing 263$ and mounting holes M20x2.5 and M14x1.5. Bottom view shows a circular flange with $\varnothing 259$, mounting holes M12x1.75, and a central hole of 144. A dimension of 77.5 is also indicated.</p>	Hendrickson HS 251087 DaimlerChrysler 946.328.0401	Goodyear 1R13-150 Firestone 1T17 B11 M58 8747
Air Spring complete 951 813 711 0 Bellow * 896 130 149 4	<p>Technical drawing of WABCO 951 813 711 0 air spring. Side view shows a U-shaped frame with a central bellow. Dimensions: max. $\varnothing 325$, min. 235, max. 662, DH=412. Top view shows a circular flange with $\varnothing 287$, mounting holes M16x1.5, and a central hole of $\varnothing 12$. Bottom view shows a circular flange with $\varnothing 228$ and mounting holes M16x1.5. Other dimensions include 165, 90, 60, and M24x1.5.</p>	RVI 50 10 294 307 C	Contitech 4912 N P07 Goodyear 1R13-711 Dunlop Springride D13B40
Air Spring complete 951 813 714 0 Bellow * 896 130 150 4	<p>Technical drawing of WABCO 951 813 714 0 air spring. Side view shows a U-shaped frame with a central bellow. Dimensions: max. $\varnothing 325$, min. 246, max. 597, DH=347. Top view shows a circular flange with $\varnothing 287$, mounting holes M16x1.5, and a central hole of $\varnothing 12$. Bottom view shows a circular flange with $\varnothing 228$ and mounting holes M16x1.5. Other dimensions include 165, 90, 60, and M24x1.5.</p>	RVI 50 10 294 308 C	Contitech 4911 N P03 Goodyear 1R13-714 Dunlop Springride D13B41

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring 951 814 700 0 Bellow * 896 130 140 4		BPW 36-1 05.429.40.05.0	Contitech 942 MB Goodyear 1R14-700 Phoenix 1DK 32-1 Taurus UR 837-01T
Air Spring 951 814 701 0 Bellow * 896 130 130 4		BPW 36K 05.429.41.01.0	Contitech 4881 N P02 Goodyear 1R14-701 Firestone 1T66 D-7.0 M58 8601 Phoenix 1DK 32K Taurus UR 838-01T Dunlop Springride D14U37
Air Spring 951 814 704 0 Bellow * 896 130 131 4		Gigant 24 61 49 16 62 17	Contitech 725 N P01 Goodyear 1R14-704 Firestone 1T66E-10.8 M58 8969 M58 7529 CF Gomma (Pirelli) 1TCS 360-45 202964 Taurus UR 836-11 Dunlop Springride D14U38

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 814 705 0 Bellow * 896 130 102 4	<p>The drawing shows three views of the air spring: a side view, a top view, and a bottom view. The side view shows a U-shaped body with a central bellow. Dimensions include a maximum width of 360, a minimum height of 212, a maximum height of 655, and a distance between mounting points (DH) of 404. The top and bottom views are circular with diameters of 287 and 260 respectively. Mounting holes are specified as M12x1.75. Other dimensions include 158.8, 79.4, and 158.7 for the top view, and 200 for the bottom view.</p>	SAF 2.229.0003.00 3.228.0003.00 Daf Coach 388491 Granning 15634 Hendrickson 505859 505859/01 Kässbohrer 4731030000 4731033000 Meritor HVS (ROR) 21215633 Neway 22282 R.V.I. 50 00 790 692 SAE 8403/102 SEG-SAMRO 25004 Titan 91687700000 Trailor 65022347Y 0036158E 65023482 Trouillet ST 225-675 Viberti 128147122 Volvo Truck 1622116 Weweler US 87408F	Contitech 4813N P06 (alu) 813 MB Goodyear 1R14-705 Firestone 1T19L-11 M58 7345 M58 6364 Phoenix 1D28 B-2 E2 CF Gomma (Pirelli) 1T 19 E-2 87408 Taurus KR 622-26 Dunlop U.K. PNP 311770000 Dunlop Springride D13B02 D13B19

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 814 706 0 Bellow * 896 130 102 4	<p>Technical drawing of WABCO Air Spring 951 814 706 0. The side view shows a bellows with a maximum width of 341 mm and a minimum height of 232 mm, with a total height of 400 mm. The top view shows a circular flange with a diameter of 287 mm, featuring two mounting holes (M10x1.25) and a central hole (M22x1.5). The bottom view shows a circular flange with a diameter of 260 mm, featuring two mounting holes (M16x1.5) and a central hole (M22x1.5). Other dimensions include 180 mm, 10 mm, 79.5 mm, and 120 mm.</p>	Zorzi 1006553 Rolfo 112060 Cardi 58050700 Bartoletti 916 19 011 Battaglino 22111401 Omar 11804 Viberti 128147102	Contitech 810 MB 2st Goodyear 1R14-706 Firestone 1T19L-11 M58 6361 Phoenix 1DK 28-B-7 CF Gomma (Pirelli) 1T 19 E-2 93762 Taurus K 622-23 Dunlop Springride D13B12 D13B18
Air Spring 951 814 708 0 Bellow * 896 130 100 4	<p>Technical drawing of WABCO Air Spring 951 814 708 0. The side view shows a bellows with a maximum width of 310 mm and a total height of 533 mm. The top view shows a circular flange with a diameter of 287 mm, featuring two mounting holes (M12x1.75) and a central hole (M22x1.5). Other dimensions include 210 mm, 95 mm, and 25 mm.</p>	BPW 36 05.429.40.01.0	Contitech 881 MB Goodyear 1R14-708 Firestone 1T66 E-10.8 M58 8978 Phoenix 1DK 32-1 CF Gomma (Pirelli) 1T 360-45 204530 Taurus UR 836-01T Dunlop Springride D14U36

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 814 712 0 Bellow * 896 130 100 4	<p>Technical drawing of WABCO 951 814 712 0 air spring. Side view shows a max. width of $\phi 390$, a min. height of 254, and a max. height of 708. The top view shows a circular shape with a diameter of $\phi 287$ and a central hole of diameter 210. The bottom view shows a circular shape with a diameter of $\phi 250$ and a central hole of diameter 120. Mounting holes are specified as M12x1.75 and M22x1.5.</p>	BPW 36 Universal Piston for 1R14-702 and 1R14-703 05.429.41.36.1 05.429.41.21.1	Contitech 881 MB cpl. Goodyear 1R14-712 Phoenix 1DK32 cpl. CF Gomma (Pirelli) 1TC 360-45 205171 Taurus UR 836-01/03/04 Dunlop Springride D14B36
Air Spring complete 951 814 716 0 Bellow * 896 130 104 4	<p>Technical drawing of WABCO 951 814 716 0 air spring. Side view shows a max. width of $\phi 360$, a min. height of 181, and a max. height of 571. The top view shows a circular shape with a diameter of $\phi 287$ and a central hole of diameter 120. The bottom view shows a circular shape with a diameter of $\phi 260$ and a central hole of diameter 120. Mounting holes are specified as M12x1.75 and M22x1.5.</p>	SAF 2.228.0002.00 2.229.0002.00 Granning 15635 Hendrickson 506243 785168 506243/01 Meritor HVS (ROR) 21215632 Neway 211586 R.V.I. 50 00 452 939 SEG-SAMRO 2509999 25008 Trailor 6504646G Trouillet HB 10315 Weweler US 00622 US 874131F US 87413P 21208082	Contitech 810 MB 4 Dowel Pin 4810 N P06 Goodyear 1R14-716 Firestone 1T19L-7 M58 7337 Phoenix 1D28A-2 E1 CF Gomma (Pirelli) 1T 19 E-1 87413/1 Taurus KR 621-26 Dunlop U.K. PNP 311780000 Dunlop Springride D13B01 D13B20

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 814 727 0 Bellow * 896 130 102 4	<p>Technical drawing of WABCO 951 814 727 0 air spring. Side view shows a max. width of 360 and a height range from 230 to 655. Top view shows a diameter of 287 with mounting holes at 158.8 from the center. Bottom view shows a diameter of 260 with mounting holes at 158.8 from the center. Mounting holes are specified as M14x1.5 and M10.</p>	Scania 255295 298568 1107674 1314906 255293 325748	Contitech 4813 N P07 Goodyear 1R14-727 Firestone 1T19F-11 M58 7358 Phoenix 1D28B-9 CF Gomma (Pirelli) 1T 19E-2 BR 97764 Taurus KR 622-01 Dunlop Springride D13B10 D13B22
Air Spring complete 951 814 728 0 Bellow * 896 130 141 4	<p>Technical drawing of WABCO 951 814 728 0 air spring. Side view shows a max. width of 350 and a height range from 267 to 795. Top view shows a diameter of 287 with mounting holes at 210 from the center. Bottom view shows a diameter of 260 with mounting holes at 210 from the center. Mounting holes are specified as M12x1.75 and M22x1.5.</p>	SAF 3.229.0030.00	Goodyear 1R14-728

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 814 729 0 Bellow * 896 130 102 4	<p>Technical drawing of the WABCO 951 814 729 0 air spring. The side view shows a maximum width of 360mm and a height range from 212mm to 655mm, with a DH of 404mm. The top view shows a circular shape with a diameter of 287mm and a central hole of 210mm. The bottom view shows a circular shape with a diameter of 260mm and a central hole of 200mm. Mounting points are specified as M12x1.75 and M22x1.5.</p>	SAF 3.229.0031.00	Contitech 4023 N P03 Goodyear 1R14-729 Firestone 1T19L-11 M58 6348 CF Gomma 1T 19 E-2 204676 Taurus KR 622-18 Dunlop Springride D13B26
Air Spring complete 951 814 730 0 Bellow * 896 130 104 4	<p>Technical drawing of the WABCO 951 814 730 0 air spring. The side view shows a maximum width of 360mm and a height range from 181mm to 571mm, with a DH of 349mm. The top view shows a circular shape with a diameter of 287mm and a central hole of 210mm. The bottom view shows a circular shape with a diameter of 260mm and a central hole of 200mm. Mounting points are specified as M12x1.75 and M22x1.5.</p>	SAF 3.229.0027.00	Goodyear 1R14-730 Firestone 1T19L-7 M58 6338 Phoenix 1D28A-12 CF Gomma 1T 19 E-1 205456 Taurus KR 621-18
Air Spring complete 951 814 747 0 Bellow * 896 130 131 4	<p>Technical drawing of the WABCO 951 814 747 0 air spring. The side view shows a maximum width of 390mm and a height range from 242mm to 708mm, with a DH of 415mm. The top view shows a circular shape with a diameter of 287mm and a central hole of 220mm. The bottom view shows a circular shape with a diameter of 253mm and a central hole of 200mm. Mounting points are specified as M12x1.75, M22x1.5, and M20x2.5.</p>	GIGANT 166217 246149	Contitech 725 N P02 Goodyear 1R14-747 Firestone 1T66E-108 M58 8969 CF Gomma 1TCS 360-45 205800 Dunlop Springride D14B40

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 814 748 0 (Plastic Piston) Bellow* 896 130 131 4	<p>Technical drawing of the WABCO 951 814 748 0 air spring. The side view shows a bellows with a maximum width of 390 and a minimum width of 256. The top view shows a circular shape with a diameter of 287 and a central hole of diameter 210. The bottom view shows a circular shape with a diameter of 254 and a central hole of diameter 120. Mounting points are labeled M12x1.75, M22x1.5, and M16x2.</p>	BPW 36 Plastic Piston 05.429.43.51.0	Goodyear 1R14-748 Dunlop Springride D14B41
Air Spring complete 951 814 753 0 Bellow * 896 130 142 4	<p>Technical drawing of the WABCO 951 814 753 0 air spring. The side view shows a bellows with a maximum width of 330 and a minimum width of 237. The top view shows a circular shape with a diameter of 287 and a central hole of diameter 105. The bottom view shows a circular shape with a diameter of 226 and a central hole of diameter 70. Mounting points are labeled pin 12x19, M16x1.5 6H, pin 15x9, and M16x2 6g.</p>	Scania 1379392 1440294	Contitech 4913 N P02 Goodyear 1R14-753 Firestone 1T19 FR-13 M58 8098 1T19 F-14 095 0366 Phoenix 1D28H-16 Taurus KR 625-16 Dunlop Springride D14B42

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 814 756 0 Bellow * 896 130 131 4	<p>Technical drawing of WABCO air spring 951 814 756 0. The side view shows a bellows with a maximum width of 390 mm and a minimum height of 242 mm to a maximum height of 708 mm. The top view shows a circular flange with a diameter of 287 mm, featuring two M22x1.5 mounting holes and two M12x1.75 air lines. The bottom view shows a circular base with a diameter of 253 mm, featuring four M16x1.5 mounting holes. The distance between mounting holes is 120 mm. The overall height of the spring is 415 mm.</p>	GIGANT 166252	Contitech 725 N P03 Goodyear 1R14-756 Dunlop Springride D14B43
Air Spring complete 951 814 757 0 (Plastic Piston) Bellow * 896 130 140 4	<p>Technical drawing of WABCO air spring 951 814 757 0 (Plastic Piston). The side view shows a bellows with a maximum width of 390 mm and a minimum height of 194 mm to a maximum height of 564 mm. The top view shows a circular flange with a diameter of 287 mm, featuring two M22x1.5 mounting holes and two M12x1.75 air lines. The bottom view shows a circular base with a diameter of 254 mm, featuring eight M16x2 mounting holes. The distance between mounting holes is 120 mm. The overall height of the spring is 340 mm.</p>	BPW 36K Plastic Piston 05.429.43.41.0	Goodyear 1R14-757 Dunlop Springride D14B44

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 814 781 0 Bellow * 896 130 140 4	<p>Side view dimensions: max. $\varnothing 390$, min. 256, max. 788, DH=415.</p> <p>Top view dimensions: $\varnothing 287$, 210, 25, 95, M12x1.75, M22x1.5.</p> <p>Bottom view dimensions: 120, 70, 45, 80, $\varnothing 250$, M16x2.</p>	BPW 36-1 05.429.41.71.0	Goodyear 1R14-781
Air Spring complete 951 895 050 0 Bellow * 896 130 151 4	<p>Side view dimensions: max. $\varnothing 285$, min. 192, max. 482, DH=282.</p> <p>Top view dimensions: $\varnothing 153.5$, 52, M24x1.5, M16x1.5.</p> <p>Bottom view dimensions: $\varnothing 200$, M16x1.5.</p>	DaimlerChrysler A 942.320.01 21	Contitech 4390 N P01 Goodyear 9505 Dunlop Springride D12T10
Air Spring complete 951 895 060 0 Bellow * 896 130 151 4	<p>Side view dimensions: max. $\varnothing 285$, min. 192, max. 482, DH=282.</p> <p>Top view dimensions: $\varnothing 153.5$, R52, 60°, M16x1.5, M24x1.5, M16x1.5.</p> <p>Bottom view dimensions: $\varnothing 200$, M16x1.5.</p>	DaimlerChrysler A 942.320.02 21	Contitech 4390 N P02 Goodyear 9506 Dunlop Springride D12T11

* usable for WABCO air spring only

WABCO Ref. no.	Side, Top and Bottom View	Ref. no. OE	Competiton
Air Spring complete 951 899 001 0 Bellow * 896 130 152 4	<p>Technical drawing of WABCO 951 899 001 0 air spring. The side view shows a two-chamber design with a maximum width of $\varnothing 340$ and a height range from $\text{min. } 75$ to $\text{max. } 340$. The top and bottom views are circular with an outer diameter of $\varnothing 260$ and an inner diameter of $\varnothing 232$. Mounting points are specified as M16x1.5 and M10. A 45-degree angle and a 60mm dimension are also indicated.</p>	Crane Fruehauf M 078246	Goodyear 2B12-2450 Dunlop Springride SP2782 NB
Air Spring complete 951 899 002 0	<p>Technical drawing of WABCO 951 899 002 0 air spring. The side view shows a single-chamber design with a maximum width of $\text{max. } \varnothing 117$, a height range from $\text{min. } 66$ to $\text{max. } 180$, and a distance between mounting points of $\text{DH} = 105$. The top view shows a circular shape with a diameter of $\varnothing 71$. Mounting points are specified as $\frac{3}{4}" 16\text{UNF}2\text{A}$ and $\frac{1}{8}" 27\text{NPTF}$.</p>	Volvo 3116799	Goodyear 1S4-034

Application Trailer

Manufacturer	Type	OEM	WABCO Ref. no.	Remarks
ACKERMANN-FRUEHAUF				
		2680662000	896 130 126 4	
		M060924/UJB0975	951 811 772 0	
BARTOLETTI				
		916 19 011	951 814 706 0	
BATTAGLINO				
		22111401	951 814 706 0	
BERTOJA				
		45402002	951 814 716 0	
BPW				
		02.200.24.100	896 130 106 4	Diaphragm only
		02.200.24.400	896 130 105 4	Diaphragm only
		02.200.24.200	896 130 122 4	Diaphragm only
		02.200.24.200	896 130 125 4	Diaphragm only
		02.200.24.600	896 130 126 4	Diaphragm only
	BPW 30	05.429.40.030	951 811 700 0	
	BPW 30	05.429.40.52.1	951 811 702 0	AL. Frame
	BPW 30	05.429.40.64.1	951 811 702 0	
	BPW 30	05.429.41.24.1	951 811 702 0	
	BPW 30	05.429.43.20.0	951 811 743 0	
	BPW 30	05.429.40.10.1	951 811 762 0	
	BPW 30	05.429.40.28.1	951 811 762 0	
	BPW 30	05.429.40.36.1	951 811 762 0	
	BPW 30	05.429.40.52.1	951 811 762 0	
	BPW 30	05.429.40.64.1	951 811 762 0	
	BPW 30	05.429.41.24.1	951 811 762 0	
	BPW 30	05.429.43.20.1	951 811 762 0	
	BPW 30K	05.429.40.91.0	951 811 703 0	
	BPW 30K	05.429.41.14.1	951 811 712 0	
	BPW 30K	05.429.41.14.1	951 811 763 0	
	BPW 30K	05.429.41.23.1	951 811 763 0	
	BPW 30K	05.429.41.27.1	951 811 763 0	
	BPW 30K	05.429.41.53.1	951 811 763 0	
	BPW 30K	05.429.42.19.1	951 811 763 0	
	BPW 30K	05.429.43.21.0	951 811 763 0	
	BPW 36	05.429.40.01.0	951 814 708 0	
	BPW 36	05.429.40.14.1	951 814 712 0	
	BPW 36	05.429.40.24.1	951 814 712 0	
	BPW 36	05.429.40.39.1	951 814 712 0	
	BPW 36	05.429.40.47.1	951 814 712 0	
	BPW 36	05.429.40.50.1	951 814 712 0	

Manufacturer	Type	OEM	WABCO Ref. no.	Remarks
	BPW 36	05.429.40.61.1	951 814 712 0	
	BPW 36	05.429.41.21.1	951 814 712 0	
	BPW 36	05.429.43.51.0	951 814 748 0	
	BPW 36K	05.429.41.01.0	951 814 701 0	
	BPW 36K	05.429.43.41.0	951 814 757 0	
	BPW 36-1	05.429.40.05.0	951 814 700 0	
	BPW 36-1	05.429.41.71.0	951 814 781 0	
CARDI				
		58050900	951 812 703 0	
		58050700	951 814 706 0	
FRUEHAUF				
		M 001774	951 812 721 0	
		M 001782	951 812 702 0	steel piston !
		M 078246	951 899 001 0	
	UJA 0894-1		951 812 702 0	
	UJB 0203	1524873	951 812 702 0	
	UJB 0203-001	1524873	951 812 702 0	
		202302	951 812 702 0	
		M 001472	951 812 706 0	
	UJB 0207	1525267	951 812 706 0	
GIGANT				
		16 62 17	951 814 704 0	
		16 62 17	951 814 747 0	
		19 60 35	896 130 122 4	
		19 60 43	896 130 125 4	
	NLRM/ NLRS Series	24 61 49	951 814 704 0	
		24 61 49	951 814 747 0	
		16 62 17 / 24 61 49	951 814 744 0	
		16 62 52	951 814 756 0	
GRANNING				
		1371	951 809 201 0	
		15603	951 809 201 0	
		15634	951 814 705 0	
		15635	951 814 716 0	
		505859	951 814 705 0	
		506243	951 814 716 0	
		785168	951 814 716 0	
		785170	951 814 705 0	
		NA 1827	951 809 201 0	
HENDRICKSON				
		NA 1827	951 809 201 0	
		505859	951 814 705 0	
		785150	951 814 705 0	

Manufacturer	Type	OEM	WABCO Ref. no.	Remarks
	AIRPOISE <JAN '86	505859	951 814 705 0	
	TECAIR	505859	951 814 705 0	
	TECAIR	505859/01	951 814 705 0	
		785168	951 814 716 0	
	TECAIR	506243	951 814 716 0	
	TECAIR	506243/01	951 814 716 0	
	HT 250	HS 251087	951 813 150 0	
KÄSSBOHRER				
		4731012000	896 130 117 4	
		4731013000	896 130 125 4	
		4731030000	951 814 705 0	
		4731033000	951 814 705 0	
		4771110000	896 130 105 4	
		4771143000	896 130 105 4	
		4771170000	896 130 105 4	
		4771440000	896 130 117 4	
		4771441000	896 130 105 4	
MERITOR (ROR)				
		21215633	951 814 705 0	
		21221307	951 811 111 0	
		21221395	951 809 201 0	
		21222663	951 809 201 0	
		21222442	951 811 106 0	
		21215762 / 21216135	951 812 719 0	
	2 STUD	21215761	951 812 719 0	
	WFL 115S / WFL 115T	21215761	951 812 719 0	
	WFL 128 / WFL 128A	21215761	951 812 719 0	
	WFL 131	21215761	951 812 719 0	
	4 STUD	12108082	951 814 716 0	
	4 STUD	21208082	951 814 716 0	
	4 STUD	21215632	951 814 716 0	
	WFL 041	21215632	951 814 716 0	
NEWAY				
		211586	951 814 716 0	
		22282	951 814 705 0	
		905.57.075	951 812 719 0	
OMAR				
		10808	951 812 703 0	
		11804	951 814 706 0	
PIACENZA				
		ST-225-675	951 814 705 0	
ROLFO				
		112060	951 814 706 0	

Manufacturer	Type	OEM	WABCO Ref. no.	Remarks
S.A.E.				
		8403/102	951 814 705 0	
SAF LUFTFEDERUNG				
	AR 112 / AR 113 / AR 200	2.228.0002.00	951 814 716 0	
		3.228.0003.00	951 814 705 0	
	AR 211/ AR 212 / AR 213 / AR 313 / AR 413 / AR 413-1	2.229.0003.00	951 814 705 0	
	AR 414	2.229.0002.00	951 814 716 0	<1/3/87
	AR 414E	3.229.0007.02	951 811 705 0	
	AR 416S / AR 418	3.229.0007.02	951 811 713 0	
		3.229.0029.00	951 811 714 0	
	ARL 200	2.228.0002.00	951 814 716 0	
	E 5	2.229.0007.00	951 811 750 0	
	E 5	3.229.0007.02	951 811 750 0	
	E 5	3.229.0029.00	951 811 751 0	
	NEW E4 2926 V	3.229.0030.00	951 814 728 0	
	2618 V	3.229.0029.00	951 811 710 0	
	2923 V	3.229.0031.00	951 814 729 0	
	2918V	3.229.0027.00	951 814 730 0	
		4.229.1004.00	951 809 201 0	
SCHMITZ - ANHÄNGER				
		750208	896 130 117 4	
		750209	896 130 126 4	
		750212	896 130 125 4	
		750999	951 812 749 0	
		751065	951 811 764 0	
SEG - SAMRO				
		25004	951 814 705 0	
		25008	951 814 716 0	
		2500425	951 812 701 0	
		2509999	951 814 716 0	
		25324	951 812 721 0	
TITAN				
		91687700000	951 814 705 0	
TRAILOR				
		0036158E	951 814 705 0	
		65022347Y	951 814 705 0	
		65023482	951 814 705 0	
		6504646 G	951 814 716 0	
TROUILLET				
		HT 18002	951 812 721 0	
		HB 10315	951 814 716 0	
		ST 225-675	951 814 705 0	

Manufacturer	Type	OEM	WABCO Ref. no.	Remarks
VIBERTI				
		128147122	951 814 705 0	
		644285	951 814 705 0	
		128147102	951 814 706 0	
WACKENHUT				
	10 Ton Axle		896 130 126 4	
WEWELER				
		21208082	951 814 716 0	
		US 00622	951 814 716 0	
	AC 128/ 131/ 138	US 35864F	951 812 719 0	
		US 06285	951 812 749 0	
		US 06316	951 811 764 0	
		US 87408F	951 814 705 0	
		US 874131F	951 814 716 0	
		US 87 EURO F	951 811 111 0	
	AC 041/ 115/ 134/ 134L	US 87413P	951 814 716 0	
	AC 138	US 87413P	951 814 716 0	Axle Lift - 4 fastening
	AC 400/ 510/ 520/ 530/ 514/ 524	US 06910F	951 809 201 0	Axle Lift 21221395
ZORZI				
		1006551	951 812 703 0	
		1006553	951 814 706 0	

Application Trailer

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
DAF (TRUCK - NL)					
		696229	896 130 105 4	R	
		388491	951 814 705 0	R	
		689677	896 130 105 4	R	
		513982	951 812 710 0	R	
		388165	951 812 712 0	R	
		644425	896 130 122 4	R	
	95 SERIES	388167	951 812 711 0	R	
	FA 2135 / FA 2200 / FA 2800 / FA 2805	638148	896 130 125 4	R	
	FA 3000	638148	951 814 705 0	R	
	FT 2300 / FT 2800	638148	896 130 125 4	R	
DAIMLERCHRYSLER					
		3073280101	896 130 125 4	R	
		3603280101	896 130 106 4	R	
		3643277001	896 130 105 4	R	
		3073270101	896 130 105 4	R	
		3073270001	896 130 105 4	R	
		3073280001	896 130 105 4	R	
		A 658.328.0001	896 130 110 4	R	
		9463280401	951 813 150 0		
	1017 LS	3873280001	896 130 106 4	R	
	1217 L	3873280101	896 130 106 4	R	
	1419 L	3873280101	896 130 106 4	R	
	1420 L	3873280101	896 130 106 4	R	
	1422 L	3873280101	896 130 106 4	F	
	1422 LS	3873280101	896 130 106 4	F	
	1425 LS	3873280101	896 130 106 4	F	
	1524 LS	3873280101	896 130 106 4	F	
	1613 L	3873280101	896 130 106 4	F	
	1617 L	3873280101	896 130 106 4	F	
	1620 L	3873280101	896 130 106 4	F	
	1620 L	3873280101	896 130 106 4	R	
	1622 L	3873280101	896 130 106 4	F	
	1622 L	3873280101	896 130 106 4	R	
	1624 L/LS	3873280101	896 130 106 4	F	
	1625 L/LS	3873280101	896 130 106 4	F	
	1625 L/LS	3873280101	896 130 106 4	R	
	1626 L/LS	3873280101	896 130 106 4	F	
	1626 L/LS	3873280101	896 130 106 4	R	
	1628 L	3873280101	896 130 106 4	F	
	1628 L	3873280101	896 130 106 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	1632 L/LS	3873280101	896 130 106 4	F	
	1632 L/LS	3873280101	896 130 106 4	R	
	1633 L	3873280101	896 130 106 4	F	
	1633 L	3873280101	896 130 106 4	R	
	1635 L	3873280101	896 130 106 4	R	
	1928 L	3873280101	896 130 106 4	F	
	1932 LS	3933280101	896 130 106 4	R	
	2219 L	3873280101	896 130 106 4	R	6x2
	2219 LPL	3873280101	896 130 106 4	R	Tag axle, 6x2
	2220 L	3873280101	896 130 106 4	F	
	2220 L	3873280101	896 130 106 4	R	
	2222 L	3873280101	896 130 106 4	F	
	2222 L	3873280101	896 130 106 4	R	3. Axle spring
	2222 L	3873280101	896 130 106 4	R	
	2224 LS	3873280101	896 130 106 4	R	
	2226 L	3873280101	896 130 106 4	F	6x4
	2226 L	3873280101	896 130 106 4	R	6x2
	2228 L	3873280101	896 130 106 4	F	
	2228 L	3873280101	896 130 106 4	R	
	2228 L	3873280101	896 130 106 4	R	3. Axle lift
	2232 L	3873280101	896 130 106 4	R	6x2
	2232 L	3873280101	896 130 106 4	R	Tag axle
	2232 LPL	3873280001	896 130 106 4	F	6x4
	2232 LPL	3873280001	896 130 106 4	R	6x4
	2233 L	3873280101	896 130 106 4	F	
	2233 L	3873280101	896 130 106 4	R	6x2
	2235 L	3873280101	896 130 106 4	R	
	2238 L	3873280101	896 130 106 4	R	
	2244 L	3873280101	896 130 106 4	R	
	2252 L	3873280101	896 130 106 4	R	6X2
	2252 L	3873280101	896 130 106 4	R	6X4
	2624 LS	3873280101	896 130 106 4	R	
	709 LPL	3873280101	896 130 106 4	R	
	808 LPL	3873280101	896 130 106 4	F	
	809 LPL	3873280101	896 130 106 4	R	
	813 LPL	3873280101	896 130 106 4	R	
	813 LPS/LPLS	3873280101	896 130 106 4	F	
	Actros	A 942.320.01.21	951 895 050 0	R	
	Actros	A 942.320.02.21	951 895 060 0	R	
HANOMAG - HENSCHEL					
		536905266	896 130 117 4	R	
	F161LL, SL / F163LL, SL F221 LEL, LNL / F223 LNL	536905265	896 130 117 4	R	
	F76	546905134	896 130 105 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	F76LL / F77LL	536905265	896 130 117 4	R	
IVECO - FIAT					
		4714025	896 130 146 4	R	
		500 301 452	896 130 110 4	R	
		97108363	896 130 123 4	R	
		98478799	896 130 111 4	R	
	Carro 220		896 130 126 4	F	
	Carro 220		896 130 126 4	R	
	Eurotech MT 180E /190E	4716989	896 130 124 4	R	
	Eurotech MP/LD 180E /190E / 400E / 440E	8188526	896 130 121 4	R	
	Eurotech MP/LD 180E /190E / 240E / 260E / 400E / 440E	8188539	896 130 110 4	R	
	FIAT - 116.121	4746733	896 130 117 4	F	
	FIAT - 116.121	4746733	896 130 117 4	R	
	FIAT - 119.121	4746733	896 130 117 4	F	
	FIAT - 119.121	4746733	896 130 117 4	R	
	FIAT - 79.121	4746733	896 130 117 4	F	
	FIAT - 79.121	4746733	896 130 117 4	R	
	IVECO - 190.30	4746733	896 130 117 4	F	
	IVECO - 190.30	4746733	896 130 117 4	R	
	IVECO - 240.30	4746733	896 130 117 4	F	
	IVECO - 240.30	4746733	896 130 117 4	R	
	IVECO - 240.36	4746733	896 130 117 4	F	
	IVECO - 240.36	4746733	896 130 117 4	R	
	IVECO - 240.38	4746733	896 130 117 4	F	
	IVECO - 240.38	4746733	896 130 117 4	R	
IVECO - FORD					
		93197594	896 130 117 4	R	
MAGIRUS DEUTZ					
		0249 1566	896 130 146 4	R	
		0249 8667	896 130 117 4	R	
MAN					
		81.43601.0018/51	896 130 126 4	F	
		81.43601.150	896 130 111 4	R	
		81.43601.0071/72/110/128	896 130 123 4	R	
		81.43601.0065/67/70/92	896 130 153 4	R	
		81.43601.0079/82/84/91	896 130 125 4	R	
		81.43601.00100/103/121/132	896 130 153 4	R	
		81.43601.00114/116/118	896 130 125 4	R	
		81.43601.0095/97/102/105/126	896 130 119 4	R	
		81.43601.00104/109/111/120	896 130 111 4	R	
		81.43601.0036	896 130 106 4	R	
		81.43601.0056/57/58/76	896 130 125 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
		90.83112.0144	896 130 117 4	R	
		81.43601.0079/82/84/91	896 130 125 4	R	
	10 150	81.43601.0065/67	896 130 106 4	R	
	13 168 FL	81.43601.0033/36/37	896 130 106 4	R	
	13 168 FL/BL	81.43601.0033/36/37	896 130 106 4	R	
	13 168 FLS	81.43601.0033/36/37	896 130 106 4	R	
	13 168 FLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	13 192 F-OC	81.43601.0033/36/37	896 130 106 4	F	
	13 192 F-OC	81.43601.0033/36/37	896 130 106 4	R	
	13 192 FL	81.43601.0033/36/37	896 130 106 4	R	
	13 192 H-OC	81.43601.0033/36/37	896 130 106 4	F	
	13 192 H-OC	81.43601.0033/36/37	896 130 106 4	R	
	14 168 FL/BL	81.43601.0033/36/37	896 130 106 4	R	
	14 168 FLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	14 192 FL/BL	81.43601.0033/36/37	896 130 106 4	R	
	14 192 FLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	14 192 UL/BL	81.43601.0033/36/37	896 130 106 4	R	
	14 232	81.43601.0066/68/69/106/108	896 130 110 4	R	
	15 168 FL	81.43601.0066/68/69/106/108	896 130 110 4	R	
	15 168 FL	81.43601.0033/36/37	896 130 106 4	R	
	15 168 FL/BL	81.43601.0066/68/69/106/108	896 130 110 4	R	
	15 168 FL/BL	81.43601.0033/36/37	896 130 106 4	R	
	15 168 FLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	15 192 FL/BL	81.43601.0033/36/37	896 130 106 4	R	
	15 192 FLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	15 200 FL	81.43601.0066/68/69/106/108	896 130 110 4	R	
	15 240 FL	81.43601.0066/68/69/106/108	896 130 110 4	R	
	15 240 FL/BL	81.43601.0066/68/69/106/108	896 130 110 4	R	
	15 240 FLS	81.43601.0033/36/37	896 130 106 4	R	
	15 240 FLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	16 168 FL/BL	81.43601.0033/36/37	896 130 106 4	R	
	16 168 FLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	16 192 FL/BL	81.43601.0033/36/37	896 130 106 4	R	
	16 192 FLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	16 240 FL/BL	81.43601.0033/36/37	896 130 106 4	R	
	16 240 FLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	16 256 FL	81.43601.0033/36/37	896 130 106 4	F	
	16 256 FL	81.43601.0033/36/37	896 130 106 4	R	
	16 256 FLS	81.43601.0033/36/37	896 130 106 4	R	
	16 320 FL	81.43601.0033/36/37	896 130 106 4	F	
	16 320 FL	81.43601.0033	896 130 106 4	R	
	16 320 FLS	81.43601.0033	896 130 106 4	R	
	16 320 UL	81.43601.0033/36/37	896 130 106 4	F	
	16 320 UL	81.43601.0033	896 130 106 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	18 272	81.43601.0066/68/69/106/108	896 130 110 4	F	
	19 240 FLS/BL - 16T	81.43601.0033/36/37	896 130 106 4	R	
	19 240 FLW/LL - 16T	81.43601.0033/36/37	896 130 106 4	R	
	19 281 FLS/BL - 16T	81.43601.0033/36/37	896 130 106 4	R	
	19 281 FLW/LL - 16T	81.43601.0033/36/37	896 130 106 4	R	
	19 321 FLS/BL - 16T	81.43601.0033/36/37	896 130 106 4	R	
	19 321 FLW/LL - 16T	81.43601.0033/36/37	896 130 106 4	R	
	19 321 UU/LL - 16T	81.43601.0033/36/37	896 130 106 4	R	
	19 322	81.43601.0066/68/69/106/108	896 130 110 4	F	
	19 322	81.43601.0066/68/69/106/108	896 130 110 4	R	
	19 422	81.43601.0066/68/69/106/108	896 130 110 4	F	
	19 422	81.43601.0066/68/69/106/108	896 130 110 4	R	
	20 281 FVLS/BL		896 130 106 4	R	Second / Tag axle
	20 320 FVLS		896 130 106 4	R	Second / Tag axle
	20 321 FVLS/BL		896 130 106 4	R	Second / Tag axle
	22 192 FNFNL/BL	81.43601.0033/36/37	896 130 106 4	R	
	22 192 FNL/LL	81.43601.0033/36/37	896 130 106 4	R	
	22 192 FNLW/LL	81.43601.0033/36/37	896 130 106 4	R	
	22 192 FVL-KO	81.43601.0033/36/37	896 130 106 4	R	
	22 240 FNL	81.43601.0033/36/37	896 130 106 4	R	
	22 240 FNL/BL	81.43601.0033/36/37	896 130 106 4	R	
	22 240 FNL/LL	81.43601.0033/36/37	896 130 106 4	R	
	22 240 FNLW/LL	81.43601.0033/36/37	896 130 106 4	R	
	22 240 FVL-KO	81.43601.0033/36/37	896 130 106 4	R	
	22 281 FNL/BL	81.43601.0033/36/37	896 130 106 4	R	
	22 281 FNL/LL	81.43601.0033/36/37	896 130 106 4	R	
	22 281 FNLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	22 281 FNLW/LL	81.43601.0033/36/37	896 130 106 4	R	
	22 281 FVLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	22 320 FNL		896 130 106 4	R	Second / Tag axle
	22 320 FNL	81.43601.0033/36/37	896 130 106 4	R	
	22 320 FNL,LG.	81.43601.0033/36/37	896 130 106 4	R	
	22 320 FNL,LG.		896 130 106 4	R	Second / Tag axle
	22 320 UNL		896 130 106 4	R	Second / Tag axle
	22 320 UNL	81.43601.0033/36/37	896 130 106 4	R	
	22 320 UNL,LG.	81.43601.0033/36/37	896 130 106 4	R	
	22 320 UNL,LG.		896 130 106 4	R	Second / Tag axle
	22 321 FNL/BL	81.43601.0033/36/37	896 130 106 4	R	
	22 321 FNL/LL	81.43601.0033/36/37	896 130 106 4	R	
	22 321 FNLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	22 321 FNLW/LL	81.43601.0033/36/37	896 130 106 4	R	
	22 321 FVLS/BL	81.43601.0033/36/37	896 130 106 4	R	
	22 321 UNL/BL	81.43601.0033/36/37	896 130 106 4	R	
	22 321 UNL/LL	81.43601.0033/36/37	896 130 106 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	24 232		896 130 111 4	R	Second / Tag axle
	24 272		896 130 111 4	R	Second / Tag axle
	24 372		896 130 111 4	R	Second / Tag axle
	26 320 DFSL		896 130 106 4	R	Second / Tag axle
	26 320 DFSL	81.43601.0033/36/37	896 130 106 4	R	
	26 321 DFSL/BL	81.43601.0033/36/37	896 130 106 4	R	
	26 321 DFSL/BL		896 130 106 4	R	Tag axle
	F90	81.43601.0071	896 130 123 4	F	
	F90	81.43601.0072	896 130 123 4	F	
	F90	81.43601.0066/68/69/106/108	896 130 110 4	R	
	F90/M90	81.43601.0066	896 130 110 4	F	
PEGASO					
		500301452	896 130 110 4	R	
RVI					
		50 00 452 939	951 814 716 0	R	
		50 00 790 692	951 814 705 0	R	
	Magnum	50 10 294 307 C	951 813 711 0	R	
	Premium	50 10 294 307 C	951 813 711 0	R	
	Magnum	50 10 294 308 C	951 813 714 0	R	
	Premium	50 10 294 308 C	951 813 714 0	R	
SCANIA					
		298568	951 814 727 0	R	
		325748	951 814 727 0	R	
		255293	951 814 727 0	R	
		255295	951 814 727 0	R	
	133	1107674	951 814 727 0	R	
	112		951 814 716 0	R	
	113M		951 814 705 0	R	
	142/143	1314906	951 814 727 0	R	
	M112	1314906	951 814 727 0	R	
	M113	1314906	951 814 727 0	R	
	M142	1314906	951 814 727 0	R	
	P92		951 814 705 0	R	
	R93	1314906	951 814 727 0	R	
		1379392	951 814 753 0	R	
		1440294	951 814 753 0	R	
VOLVO					
		1622116	951 814 705 0	R	
		1199873	896 130 105 4	R	
		1622115	896 130 106 4	R	
		1137882	896 130 117 4	R	
		1622111	896 130 105 4	R	
		1080707	951 814 716 0	R	
		1082085	896 130 123 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
		1629193	896 130 106 4	R	
		3116799	951 899 002 0		
	F10	1134445	896 130 105 4	R	
	F10	1590136	896 130 106 4	R	
	F12	1590136	896 130 106 4	R	
	F12	1134445	896 130 105 4	R	4x2 alternative
	F4	1134445	896 130 105 4	R	
	F6	1134445	896 130 105 4	R	
	F7	1137888	896 130 117 4	F	
	FH12/16	1076594	951 812 762 0	R	
	FL10	1590136	896 130 106 4	R	
	FL6	1590136	896 130 106 4	R	
	FL611	1590136	896 130 106 4	R	
	FL614	1590136	896 130 106 4	R	
	FL617	1590136	896 130 106 4	R	
	FL7	1590136	896 130 106 4	R	

Application Bus

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
DAF COACH (NL)					
		0578361	896 130 126 4	F	
		0627584	896 130 146 4		
		0513982	951 812 710 0	R	
		0388167	951 812 711 0	R	
		0388165	951 812 712 0	R	
	MB 200 / MB 230	638148	896 130 125 4	R	
	SB 1602 / SB 1603 / SB 1604 / SB 1605	638148	896 130 125 4	R	
	SB 2000	0689677	896 130 105 4	F	
	SB 2000		896 130 126 4	R	
	SB 201	0689677	896 130 105 4	F	
	SB 201	0644425	896 130 122 4	R	
	SB 201		896 130 126 4	R	
DAIMLERCHRYSLER					
	302	3270101	896 130 105 4	F	
	302	3270101	896 130 105 4	R	
	303	3270101	896 130 105 4	F	
	303	3270101	896 130 105 4	R	
	305	3270101	896 130 105 4	F	
	305	3270101	896 130 105 4	R	
	305	3270101	896 130 105 4	R	Tag axle
	307	3270101	896 130 105 4	F	
	307	3270101	896 130 105 4	R	
	309	3270101	896 130 105 4	F	
	309	3270101	896 130 105 4	R	
	317	3270101	896 130 105 4	F	
	317	3270101	896 130 105 4	R	
	321	307.3280.001	896 130 105 4	F	
	321	307.3280.001	896 130 105 4	R	
	322	307.3280.001	896 130 105 4	F	
	322	307.3280.001	896 130 105 4	R	
	O 404	356.327.0001	896 130 145 4	F	
	O 405	307.328.0001	896 130 105 4	F	
	O 405	307.328.0001	896 130 105 4	R	
	O 405	307.328.0001	896 130 105 4	R	Tag axle
	O 405 G2	000 327 01 01	896 130 105 4	F	
	O 405 N	000 327 01 01	896 130 105 4	F	
	O 407	000 327 01 01	896 130 105 4	F	
	O 407	000 327 01 01	896 130 105 4	R	
	O 417	000 327 01 01	896 130 105 4	F	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	O 417	000 327 01 01	896 130 105 4	R	
	Citaro		896 130 110 4	R	
DENNIS					
	DART		896 130 106 4	R	
	DOMINATOR	650292/8	896 130 106 4	R	
	DUPLE 425	650883/4	896 130 106 4	R	
	DUPLE 425	650883/4	896 130 106 4	F	
	FALCON	650292/8	896 130 106 4	R	
	INTEGRAL	650883/4	896 130 106 4	F	
	INTEGRAL	650883/4	896 130 106 4	R	
DRÖGMÖLLER					
	303 / 9-15		896 130 105 4	F	
	303 / 9-15		896 130 105 4	R	
	DRM	440320200002-00	896 130 117 4	F	
	E 280 H		896 130 117 4	F	
	E 320 HD		896 130 117 4	F	
EVOBUS					
		3563270001	896 130 145 4	F	
		4731012000	896 130 117 4	F	
		628 320 02 25	896 130 105 4	R	
		4731013000	896 130 122 4	R	
		4771170000	896 130 105 4	R	
		4771143000	896 130 105 4	R	
	O303/O405G/O309/O405	000 327 01 01	896 130 105 4	F	
	O303/O405G/O309/O405	000 327 01 01	896 130 105 4	R	
	O404	000 327 01 01	896 130 105 4	R	
	O530		896 130 110 4	R	
	S 212 HD	4771427000	896 130 117 4	R	
	S 215 V	4771427000	896 130 117 4	R	
	S 228 DT	4731031000	896 130 117 4	F	
	S 228 DT	4771170000	896 130 105 4	R	Tag axle 6T
	S 228 DT	4731031000	896 130 117 4	R	Tag axle 7,5T
HANOMAG/ HENSCHEL					
			896 130 126 4	F	
	F161LL, SL, F163LL	536905265	896 130 117 4	R	
	F221LEL, F223LNL	536905265	896 130 117 4	R	
	F76	546905134	896 130 105 4	R	
	F76LL, F77LL	536905265	896 130 117 4	R	
HEULIEZ					
		0305G	896 130 105 4	F	
		0303	896 130 105 4	F	
IKARUS					
			896 130 122 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	19001		896 130 117 4	F	
	19001		896 130 126 4	R	
	19002		896 130 117 4	F	
	19002		896 130 126 4	R	
	BLUE DANUBE BUS	644N	896 130 105 4	F	
	BLUE DANUBE BUS	644N	896 130 105 4	R	
IVECO - FIAT					
		500 301 452	896 130 110 4	R	
	Bus 470/471/570/670	41822247	896 130 117 4	F	
	Bus 470/471/570/670	41822247	896 130 117 4	R	
	Carro 220		896 130 105 4	F	
	Carro 220		896 130 126 4	R	
	Carro 370		896 130 105 4	F	
	Carro 370		896 130 105 4	R	
	F 370		896 130 106 4	R	
IVECO - MAGIRUS					
	M 170 SH 110	249.8667 EC5067-04	896 130 117 4	F	
	M 170 SH 110	249.8667 EC5067-04	896 130 117 4	R	
	M 200 L 120	249.8667 EC5067-04	896 130 117 4	F	
	M 200 L 120	249.8667 EC5067-04	896 130 117 4	R	
	M 200 SH 110	249.8667 EC 5067-04	896 130 117 4	F	
	M 200 SH 110	249.8667 EC5067-04	896 130 117 4	R	
	M 230 SH 117	249.8667 EC 5067-04	896 130 117 4	F	
	M 230 SH 117	249.8667 EC5067-04	896 130 117 4	R	
	R105	536 905 265	896 130 105 4	F	
	R105	536 905 265	896 130 105 4	R	
	R121	249.8667 EC 5067-04	896 130 117 4	F	
	R121	249.8667 EC 5067-04	896 130 117 4	R	
	Ü 80	41822247	896 130 117 4	F	
JONCKHEERE					
	041 CITY BUS		896 130 106 4	F	
	046 CITY BUS		896 130 106 4	F	
KÄSSBOHRER-SETRA					
		4731013000	896 130 122 4		
	216 DHS	4731012000	896 130 117 4	F	
	216 DHS	4771170000	896 130 105 4	R	
	228 DT (6 & 7.ST)	4731012000	896 130 117 4	F	
	228 DT (6 & 7.ST)	4771170000	896 130 105 4	R	
	S110	4771170000	896 130 105 4	F	
	S110	4771170000	896 130 105 4	R	
	S12, 14, 15L	4771110000	896 130 105 4	F	
	S12, 14, 15L	4771170000	896 130 105 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	S120 GV/HV	4731012000	896 130 117 4	F	
	S120 GV/HV	4731012000	896 130 117 4	F	
	S120 GV/HV	4771170000	896 130 105 4	R	
	S125	4731012000	896 130 117 4	F	
	S125	4771170000	896 130 105 4	R	
	S1305	4731012000	896 130 117 4	F	
	S1305	4771170000	896 130 105 4	R	
	S140E, ES, H	4731012000	896 130 117 4	F	
	S140E, ES, H	4771170000	896 130 105 4	R	
	S150	4731012000	896 130 117 4	F	
	S150	4731012000	896 130 117 4	R	
	S150 E, H		896 130 117 4	F	
	S150 E, H		896 130 105 4	R	
	S180		896 130 117 4	F	
	S180		896 130 105 4	R	
	S200, 209, 211, 212	4731012000	896 130 117 4	F	
	S200, 209, 211, 212	4771170000	896 130 105 4	R	
	S210 H, HD		896 130 117 4	F	
	S210 H, HD		896 130 105 4	R	
	S213, 214, 215	4731012000	896 130 117 4	F	
	S213, 214, 215	4771170000	896 130 105 4	R	
	S216 HSD		896 130 117 4	F	
	S216 HSD		896 130 105 4	R	
	S315 NF		896 130 117 4	F	
	S315 NF		896 130 105 4	R	
	SG 150, 200	4731012000	896 130 117 4	F	
	SG 175, 98, 052	4731012000	896 130 117 4	F	
	SG 175, 98, 052	4771170000	896 130 105 4	R	
	SG 180	4731012000	896 130 117 4	F	
	SG 180	4771170000	896 130 105 4	R	
LEYLAND-BUS					
	NATIONAL Mk 1/11		896 130 106 4	R	
MAGIRUS DEUTZ					
	M170SH110	0249 8667	896 130 117 4	F	
	M170SH110	0249 8667	896 130 117 4	R	
	M200SH110	0249 8667	896 130 117 4	F	
	M200SH110	0249 8667	896 130 117 4	R	
	M200SH110-U	0249 8667	896 130 117 4	F	
	M200SH110-U	0249 8667	896 130 117 4	R	
	M230L117	0249 8667	896 130 117 4	F	
	M230L117	0249 8667	896 130 117 4	R	
	R105	536 905 265	896 130 105 4	F	
	R105	536 905 265	896 130 105 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	R121	0249 8667	896 130 117 4	F	
	R121	0249 8667	896 130 117 4	R	
	SH110	41822247	896 130 117 4	F	
	SH110	41822247	896 130 117 4	R	
	SH120	41822247	896 130 117 4	F	
	SH120	41822247	896 130 117 4	R	
	SH170 (GL.BUS)	41822247	896 130 117 4	F	
	SH170 (GL.BUS)	41822247	896 130 117 4	R	
	U80	41822247	896 130 117 4	F	
MAN-BUS & COACH					
		81.43601.0036	896 130 106 4		
		81.43601.0049	896 130 122 4		
		81.43601.0052	896 130 122 4		
		81.43601.0018/51	896 130 126 4	F	
	10 U 210 R12	90831120144	896 130 117 4	F	
	10 U 210 R12	90831120144	896 130 117 4	R	
	11 U 210 R13	90831120144	896 130 117 4	F	
	11 U 210 R13	90831120144	896 130 117 4	R	
	11 U 210/R13	90831120144	896 130 117 4	F	
	11 U 210/R13	90831120144	896 130 117 4	R	
	11 U 219 R13	90 83112 0114	896 130 117 4	F	
	11 U 219 R13	90 83112 0114	896 130 117 4	R	
	12 U 210 R12	90831120144	896 130 117 4	F	
	12 U 210 R12	90831120144	896 130 117 4	R	
	10 U 210 R12	90 83112 0114	896 130 117 4	F	
	10 U 210 R12	90 83112 0114	896 130 117 4	R	
	BG 120N	81.43601.0033	896 130 106 4	F	
	BG 120N	81.43601.0033	896 130 106 4	R	
	BS 100 GT SKD	90831120144	896 130 117 4	F	
	BS 100 GT SKD	90831120144	896 130 117 4	R	
	BS 120 N	90831120144	896 130 117 4	F	
	BS 120 N	90831120144	896 130 117 4	R	
	BUS 362 H	81.43601.0056/57/58/76/79/ 82/84/91/114/116/118	896 130 125 4	F	
	BUS 362 H	81.43601.0056/57/58/76/79/ 82/84/91/114/116/118	896 130 125 4	R	
	EL 202	81.43601.0066/68/69/104/109/ 111	896 130 110 4	F	
	EL 202	81.43601.0095/97/102/105	896 130 119 4	F	
	MAN 292	81.43601.056/57/58/76/..	896 130 125 4	R	
	MAN 292 F	81.43601.056/57/58/76/..	896 130 125 4	R	
	MAN 292/362 H	81.43601.056/57/58/76/..	896 130 125 4	R	
	MAN 322/422	81.43601.0095/97/102/105	896 130 119 4	F	
	MAN 362 F	81.43601.056/57/58/76/..	896 130 125 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	ND 202	81.43601.0066/68/69/104/109/111	896 130 110 4	F	
	NG 272 Podestlos	81.43601.0095/97/102/105	896 130 119 4	F	
	NG 272 Podestlos	81.43601.0066/68/69/104/109/111	896 130 110 4	F	
	NL 202 F	81.43601.0095/97/102/105	896 130 119 4	F	
	NL 202 F	81.43601.0066/68/69/104/109/111	896 130 110 4	F	
	NL 202 München	81.43601.0066/68/69/104/109/111	896 130 110 4	F	
	NL 202 München	81.43601.0095/97/102/105	896 130 119 4	F	
	NL 202 Podestlos	81.43601.0066/68/69/104/109/111	896 130 110 4	F	
	NL 202 Podestlos	81.43601.0095/97/102/105	896 130 119 4	F	
	NL CNG Podestlos	81.43601.0095/97/102/105	896 130 119 4	F	
	NL CNG Podestlos	81.43601.0066/68/69/104/109/111	896 130 110 4	F	
	NM 152 Midibus	81.43601.0095/97/102/105	896 130 119 4	F	
	SD 242	81.43601.0057/58	896 130 125 4	R	
	SG 242/282	81.43601.0057/58	896 130 125 4	R	
	SG 242/292	81.43601.0057/58	896 130 125 4	R	
	SG 242/292 F	81.43601.0057/58	896 130 125 4	R	
	SG 292 F Israel	81.43601.0057/58	896 130 125 4	R	
	SL 200	81.43601.0057/58	896 130 125 4	R	Tag axle
	SL 200 F Israel	81.43601.0057/58	896 130 125 4	R	
	SL 200 F Portugal	81.43601.0057/58	896 130 125 4	R	
	SL 202	81.43601.0057/58	896 130 125 4	R	
	SL 202 F	81.43601.0057/58	896 130 125 4	R	
	SL 242 M11 F LPG	81.43601.0057/58	896 130 125 4	R	
	SR 292/362	81.43601.0057/58	896 130 125 4	R	
	SUE 242	81.43601.0057/58	896 130 125 4	R	
	SUE 290 F Israel	81.43601.0057/58	896 130 125 4	R	
	UEL 242	81.43601.0095/97/102/105	896 130 119 4	F	
MENARINI					
	BUS 110L	178741	896 130 124 4	R	
	BUS 120-101	178741	896 130 124 4	R	
METRO CAMEL WEYMANN					
	METRO BUS MkI/II	X6641056	896 130 106 4	R	
	METRO LINER		896 130 106 4	R	
NEOPLAN (AUWÄRTER)					
		1001 122 51	896 130 126 4	F	
		1001 101 00	896 130 117 4	R	
		1021 002 00	896 130 117 4	R	
		1001 102 00	896 130 126 4	R	
		1001 123 00	896 130 106 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
		1021 003 00	896 130 122 4	R	
	CITYLINER	1001 12 250	896 130 117 4	F	
	EUROSTAR	1001 12 254	896 130 105 4	F	
	EUROSTAR	100110300	896 130 105 4	R	
	EUROSTAR	AA10-01-001	896 130 117 4	R	
	JETLINER	1001 12 250	896 130 117 4	F	
	JETLINER	1001 12 254	896 130 105 4	F	
	JETLINER	1001 12 250	896 130 117 4	R	
	MOST	AA10-01-001	896 130 117 4	R	Tag axle
	N116	AA10-01-002	896 130 126 4	F	
	N116	AA10-01-002	896 130 126 4	R	
	N117/2	AA10-01-002	896 130 126 4	F / R	
	N117/3	AA10-01-002	896 130 126 4	F / R	
	N122	AA10-01-002	896 130 126 4	F / R	
	N122/2	AA10-01-002	896 130 126 4	F / R	
	N122/3	AA10-01-002	896 130 126 4	F / R	
	N138	AA10-01-002	896 130 126 4	F / R	
	N138	AA10-01-002	896 130 126 4	R	Tag axle
	N208		896 130 105 4	F	
	N208	AA10-01-001	896 130 117 4	R	
	N209	AA10-01-001	896 130 117 4	F	
	N209	AA10-01-001	896 130 117 4	R	
	N210	1001 12 254	896 130 105 4	F	
	N210	AA10-01-001	896 130 117 4	R	
	N212	AA10-01-001	896 130 117 4	F	
	N212	AA10-01-002	896 130 126 4	R	
	N212H	AA10-01-001	896 130 117 4	F	
	N212H	AA10-01-002	896 130 126 4	R	
	N213	AA10-01-001	896 130 117 4	F	
	N213	AA10-01-002	896 130 126 4	R	
	N213H	AA10-01-001	896 130 117 4	F	
	N213H	AA10-01-002	896 130 126 4	R	
	N214	AA10-01-001	896 130 117 4	F	
	N214	AA10-01-002	896 130 126 4	F	
	N214	AA10-01-002	896 130 126 4	R	
	N214H	AA10-01-001	896 130 117 4	F	
	N214H	AA10-01-002	896 130 126 4	F / R	
	N216	AA10-01-001	896 130 117 4	F	
	N216	AA10-01-002	896 130 126 4	F / R	
	N216H	AA10-01-001	896 130 117 4	F	
	N216H	AA10-01-002	896 130 126 4	F / R	
	N221	AA10-01-001	896 130 117 4	F	
	N221	AA10-01-002	896 130 126 4	F / R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	N314	AA10-01-001	896 130 117 4	F	
	N314	AA10-01-002	896 130 126 4	F / R	
	N316	AA10-01-001	896 130 117 4	F	
	N316	AA10-01-002	896 130 126 4	F / R	
	N316MK	AA10-01-001	896 130 126 4	F	
	N316MK	AA10-01-002	896 130 126 4	R	
	N326	AA10-01-002	896 130 126 4	F / R	
	N407	1001 12 250	896 130 117 4	R	
	N4014	1101 63 45	896 130 117 4	F / R	
	N4016	1101 63 45	896 130 117 4	F / R	
	N414	AA10-01-001	896 130 117 4	F	
	N414	AA10-01-002	896 130 126 4	F	
	N414	AA10-01-002	896 130 126 4	R	
	N416	AA10-01-001	896 130 117 4	F	
	N416	AA10-01-002	896 130 126 4	R	
	N421	AA10-01-001	896 130 117 4	F	
	N421	AA10-01-002	896 130 126 4	R	
	N424	AA10-01-002	896 130 126 4	F / R	
	N426	AA10-01-002	896 130 126 4	F / R	
	N907	1001 12 254	896 130 105 4	F	
	N907	100110300	896 130 105 4	R	
	N907	1001 12 250	896 130 117 4	R	
	N912	AA10-01-002	896 130 126 4	F / R	
	N922	AA10-01-002	896 130 126 4	F	
	N922	AA10-01-001	896 130 117 4	R	
	N940	AA10-01-002	896 130 126 4	F	
	N940	AA10-01-001	896 130 117 4	R	
	ND6	1001 12 254	896 130 105 4	F	
	ND6	AA10-01-001	896 130 117 4	R	
	NH10L	1001 12 254	896 130 105 4	F	
	NH10L	AA10-01-001	896 130 117 4	R	
	NH12L	AA10-01-001	896 130 117 4	F	
	NH12L	AA10-01-002	896 130 126 4	R	
	NH13L	AA10-01-001	896 130 117 4	F	
	NH13L	AA10-01-002	896 130 126 4	R	
	NH14L	AA10-01-001	896 130 117 4	F	
	NH14L	AA10-01-002	896 130 126 4	R	
	NH15L	AA10-01-001	896 130 117 4	F	
	NH15L	AA10-01-002	896 130 126 4	R	
	NH22	AA10-01-001	896 130 117 4	F	
	NH22	AA10-01-002	896 130 126 4	R	
	NH25L	AA10-01-001	896 130 117 4	F	
	NH25L	AA10-01-002	896 130 126 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	NH8L	1001 12 254	896 130 105 4	F	
	NH8L	AA10-01-001	896 130 117 4	R	
	NH9L	1001 12 254	896 130 105 4	F	
	NH9L	AA10-01-001	896 130 117 4	R	
	SKYLINER	AA10-01-001	896 130 117 4	F	
	SKYLINER	1001 12 250	896 130 105 4	R	
	TR8	AA10-01-002	896 130 126 4	F / R	
	TR12	AA10-01-002	896 130 126 4	F / R	
	TR40	AA10-01-001	896 130 117 4	F / R	
PEGASO					
	5035N/ 6031/ 6038/ 6046		896 130 110 4	F	
	5035N/ 6031/ 6038/ 6046		896 130 110 4	R	
	5522		896 130 123 4	R	
	6035		896 130 110 4	R	
	6100S		896 130 106 4	R	
	6522		896 130 123 4	R	
RVI					
		50 00 288 982	896 130 126 4	R	
		50 01 829 866	896 130 117 4	R	
		50 10 073 846	896 130 117 4	R	
		50 10 294 385	896 130 110 4	R	
	R 333	50 01 829 866	896 130 117 4	R	
	R 365		896 130 105 4	R	
SCANIA BUS & COACH					
	S110/ 120/ 125		896 130 105 4	R	
VAN HOOL					
	418 AL ART		896 130 126 4	R	Tag axle
	AM500		896 130 105 4	F	
	AM500		896 130 105 4	R	
	AV138		896 130 105 4	F	
	AV138		896 130 105 4	R	
	RU127		896 130 126 4	R	Tag axle
	T809 ALIZEE	624319-610	896 130 105 4	F	
	T809 ALIZEE	624319-610	896 130 105 4	R	
	T812 ALIZEE	624319-610	896 130 105 4	F	
	T812 ALIZEE	624319-610	896 130 105 4	R	
	T813 ALIZEE	624319-610	896 130 105 4	F	
	T813 ALIZEE	624319-610	896 130 105 4	R	
	T814 ALIZEE	624319-610	896 130 105 4	F	
	T814 ALIZEE	624319-610	896 130 105 4	R	
	T815 ACRON	624319-610	896 130 105 4	F	
	T815 ACRON	624319-610	896 130 105 4	R	
	T815 ALICRON	624319-610	896 130 105 4	F	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	T815 ALICRON	624319-610	896 130 105 4	R	
	T815 ALIZEE	624319-610	896 130 105 4	F	
	T815 ALIZEE	624319-610	896 130 105 4	R	
	T815 ASTRON	624319-610	896 130 105 4	F	
	T815 ASTRON	624319-610	896 130 105 4	R	
	T816 ALTANO	624319-610	896 130 105 4	F	
	T816 ALTANO	624319-610	896 130 105 4	R	
	T818 ASTRON Art.		896 130 117 4	F	
	T818 ASTRON Art.		896 130 105 4	R	
	T820 AMGNT Art.		896 130 117 4	F	
	T820 AMGNT Art.		896 130 105 4	R	
	T824 AMAGNT	624319-610	896 130 105 4	F	
	T824 ANAGNT	624319-610	896 130 105 4	R	
	T824 ASTROMEGA Art.		896 130 117 4	F	
	T824 ASTROMEGA Art.		896 130 105 4		
	TD824 ASTROMEGA	624319-690	896 130 117 4	F	
	TD824 ASTROMEGA	624319-640	896 130 125 4	R	
	VH440/4	624319-610	896 130 105 4	F / R	
	VH440/4		896 130 126 4	R	
	VH540	624319-610	896 130 105 4	F / R	
	VHA120		896 130 126 4	F	
	VHA120	624319-610	896 130 105 4	F	
	VHA120	624319-610	896 130 125 4	R	
	VHAU115	624319-610	896 130 105 4	F	
	VHAU115	624319-610	896 130 105 4	R	
	VHAU115/1	624319-610	896 130 105 4	F	
	VHAU115/1	624319-640	896 130 125 4	R	
	VHC441	624319-610	896 130 105 4	F	
	VHC441	624319-610	896 130 105 4	R	
	VHCAU124	624319-610	896 130 126 4	F	
	VHCAU124	624319-640	896 130 125 4	R	
	VHD119	624319-610	896 130 126 4	F	
	VHD119	624319-640	896 130 125 4	R	
	VHDAI114	624319-610	896 130 126 4	F	
	VHDAI114	624319-610	896 130 105 4	R	
	VHDAI119,119/2	624319-610	896 130 126 4	F	
	VHDAI119,119/2	624319-640	896 130 125 4	R	
	VHDAU115	624319-610	896 130 105 4	F / R	
	VHDAU115/1		896 130 126 4	F	
	VHDAU115/1	624319-610	896 130 105 4	F	
	VHF309 AU93	624319-610	896 130 105 4	R	
	VHF309 AU93,95	624319-610	896 130 105 4	F	
	VHF309 AU95	624319-610	896 130 105 4	F	
	VHF332	624319-610	896 130 126 4	F	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	VHF332	624319-640	896 130 125 4	R	
	VHF409 AU93	624319-610	896 130 105 4	F	
	VHF409 AU93	624319-610	896 130 105 4	R	
	VHF409 AU95	624319-610	896 130 105 4	F	
	VHF409 AU95	624319-610	896 130 105 4	R	
	VHF440	624319-610	896 130 105 4	F	
	VHF440	624319-610	896 130 105 4	R	
	VHF440/4	624319-610	896 130 105 4	F	
	VHF440/4	624319-610	896 130 105 4	R	
	VHF4400		896 130 126 4	F	
	VHF440B	624319-610	896 130 105 4	F	
	VHF440B	624319-640	896 130 125 4	R	
	VHF441	624319-610	896 130 105 4	F	
	VHF441	624319-610	896 130 105 4	R	
	VHF441		896 130 126 4	R	
	VHF444	624319-610	896 130 105 4	F	
	VHF444	624319-610	896 130 105 4	R	
	VHF444,C,C	624319-610	896 130 105 4	F	
	VHF444,C,C	624319-610	896 130 105 4	R	
	VHF444B	624319-610	896 130 105 4	F	
	VHF444B	624319-610	896 130 105 4	R	
VOLVO					
		11611776	896 130 146 4		
	B10B	3027272	896 130 118 4	F	
	B10B	3027272	896 130 118 4	R	
	B10M	1137888	896 130 117 4	F	
	B10M	1134445	896 130 105 4	R	
	B10M MK4	3027271	896 130 120 4	F	
	B10M MK4	3027272	896 130 118 4	R	
	B10M MKIII	1137888	896 130 117 4	F	
	B10M MKIII	1134445	896 130 105 4	R	
	B10M MKIIIG	3027272	896 130 118 4	F	
	B10M MKIIIG	1134445	896 130 105 4	R	
	B10M MKIIIG	3027271	896 130 120 4	R	3rd axle
	B10M4	3027272	896 130 118 4	F	
	B10M4	1134445	896 130 105 4	R	
	B10R	1134445	896 130 105 4	F	
	B10R	1134446	896 130 125 4	R	
	B12	3027272	896 130 118 4	F	
	B12	1134445	896 130 105 4	R	
	B55		896 130 122 4	R	
	B55 AILSA	1590136	896 130 106 4	R	
	B58	1590136	896 130 106 4	R	

Manufacturer	Type	OEM	WABCO Ref. no.	Front / Rear	Remarks
	C10M	1137888	896 130 117 4	F	
	C10M	1137882	896 130 117 4	F	
	C10M	1134445	896 130 105 4	R	
	C10M	1199893	896 130 105 4	R	
	CITY BUS	1137888	896 130 117 4	F	
	CITY BUS	1134445	896 130 105 4	R	

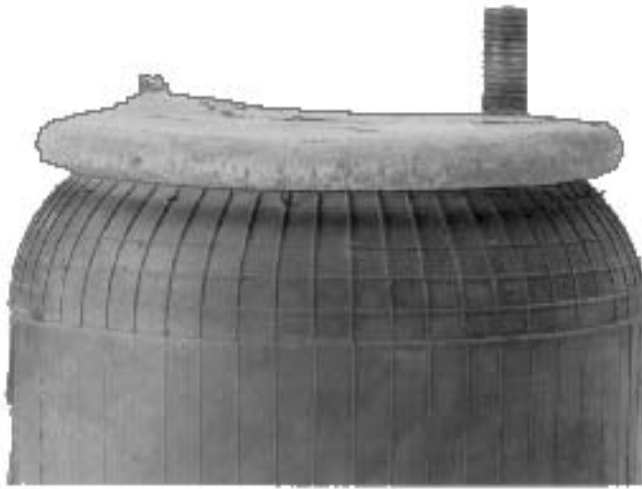
Over-Extension

It results from unrestrained downward travel of the axle that forces the air spring to consistently operate beyond its maximum extended height. The first sign of damage on an over-extended air spring usually is the bellow separating from the metal top plate or at the piston.

Air spring failures resulting from over-extension are most commonly seen on lift axle applications and particularly

on trucks or tractors used in severe on/off road service such as construction, logging or quarrying.

On those types of vehicles, check to see if the shock absorbers need to be repaired, replaced or are missing - not an unusual occurrence. Although shock absorbers were not designed as axle travel limiting devices, they are often the only defense against over-extension.



Over-extension of the air spring results from unrestrained travel of the axle, which eventually tears the bellow away from the metal top plate or the bottom piston.

Solution:

Bring the air spring back into the proper operating zone by: limiting axle travel, checking leveling valve for proper

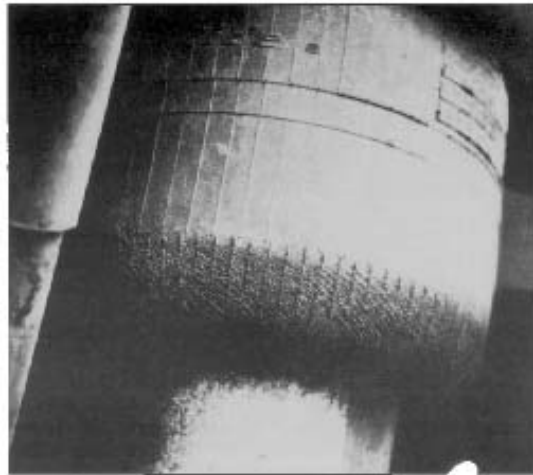
operation, adjusting leveling valve to proper ride height and checking for proper application.

Normal Cycle Fatigue

Longitudinal fatigue cracks will appear in the outer surface of the rubber as part of the normal aging process. They are created by the constant up and down cycling to which the bellow is subjected.

If an air suspension system is well-maintained, air springs will deliver long operating performance. Although, air springs are not often allowed to fatigue naturally.

Knowing what to look for and how to correct those problems can prove to be extremely productive for you, both in air suspension service/repair, and in gaining your customers' confidence and business.



Normal cycle fatigue - which when compared to the other causes cited, occurs the least often.

Solution:

Know their limitations. Air springs can't last forever. Check for wear in your PM schedule, record expected

life. Replace before a failed spring strands you.

Damage from Chemicals

Paradoxically, a prime substance that robs air springs of life is one that is applied to other vehicle components to sustain their smooth operating and life, and that is grease, especially when it is over-zealously applied.

Excessive grease applied to a universal joint can be slung off during rotation onto one or both of the air springs of the lead axle/air suspension configuration in a tandem setup. Excessive application of grease to a fifth wheel will have the same damaging affect on either of both of the rear air springs in a tandem setup!



Deterioration of the bellow - is caused by chemicals that, in time, literally eat a hole in the rubber.

Solution:

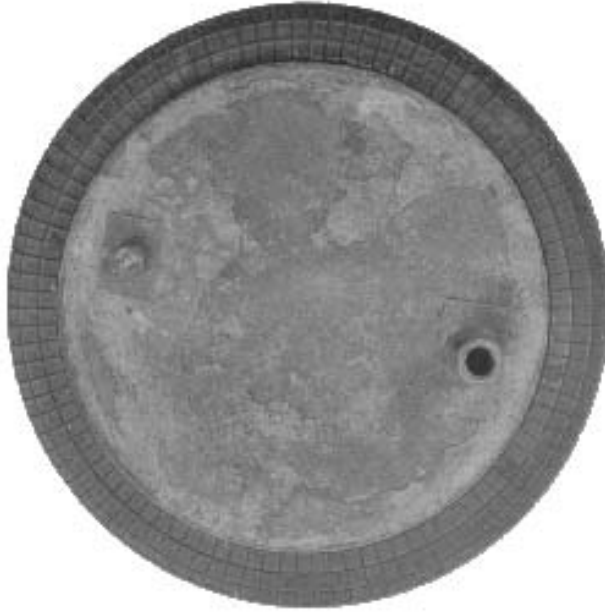
Condition of the air spring to be checked periodically. Check for excessive oil or water in the air supply. Check seals, avoid excessive greasing, watch for content spill-

age. Check for debris build up at the piston, girdle hoops, bead plate. Keep them clean. Use soap and water - never a petroleum-based cleaner.

Corrosion and Impacts

As with any other metal part on a vehicle, the top plate of an air spring is subject to rust which ultimately will eat an air-escaping hole into it and, though pistons generally are made of corrosive-resistant aluminum or composite plastic material, they are subject to pitting from salt.

The pitting eventually will wear a hole (or holes) into the rubber bellow as it slides over the piston in its normal course of operation. Road debris also can be flung against the piston, causing it to crack.



Deterioration of the top plate or piston - can be caused by chemicals, and/or the result of road debris. Both problems finally create premature failure.

Solution:

Periodically check condition of the air spring. Check for excessive oil or water in the air supply. Check seals, avoid excessive greasing, watch for content spillage.

Check for debris build up at the piston, girdle hoops, bead plate. Keep them clean. Use soap and water - never a petroleum-based cleaner.

Abrasion

Abrasion of the rubber bellow can be caused in two ways: Contact with other components on the vehicle, or with foreign objects. In the first instance, more often than not, an air line that feeds the suspension or braking system is the culprit. This usually occurs more often on tractors rather than on trailers because of the need to locate multiple lines in a more compact area.

Bellow abrasion also can be caused by simple road dirt and debris in over-the-road. Additionally, the potential for bellow abrasion is higher during the winter months when sand, gravel or salt is spread on roads to melt snow and ice and provide traction. Those substances will accumulate around the piston bead plates of the air spring and eventually rub a hole in the bellow as it moves over the abrasive material in normal operation.

Abrasion damage to an air spring may be caused by another worn or failed parts in the air suspension system. Worn bushings, for example, will throw an air spring out of its operating envelope.

A leak or pinch in the airline to the suspension system, if not fixed, eventually can cause under-inflation of the air spring and result in constant contact of the rubber bellow with an abrasive suspension part crating a hole over time. This type of abrasive failure is more common in the rolling lobe style air spring. In over-the-road applications, abrasive wear will take place on empty trailers or tractors "bob tailing", since one axle can support the vehicle weight as the other axle "airs out". When one or more, but not all, air springs become under-inflated in the operation of a vehicle, the under-inflated springs have a tendency to deform, instead of rolling uniformly over the piston.



Abrasion of the rubber bellow - is caused by an object constantly rubbing on it, ultimately creating a hole.

Solution:

Clear air spring of obstructions or contact by: checking for proper air supply, securing all surrounding parts to

eliminate contact with bellow, strap air supply lines away from the bellow, check for proper application.

Manufacturers can alter the characteristics of their products without prior notice. In spite of the care taken in preparing this document there could be errors.

Do not interchange based on appearance, many products which look identical, have different technical specifications.

We disclaim responsibility in case of any incorrect use. Consult our Engineering Service if required.

Information on cross references and manufacturers is given for comparison purposes only.

WABCO does not accept liability in case of error or change, since the printing of this catalogue.

This catalogue is produced by WABCO. All reproduction in whole, or in part is forbidden.

