

FIAT

Ducato X250/X290 AL-KO (≥2018)



VB
airsuspension



Ducato X250/X290 AL-KO (≥2018)

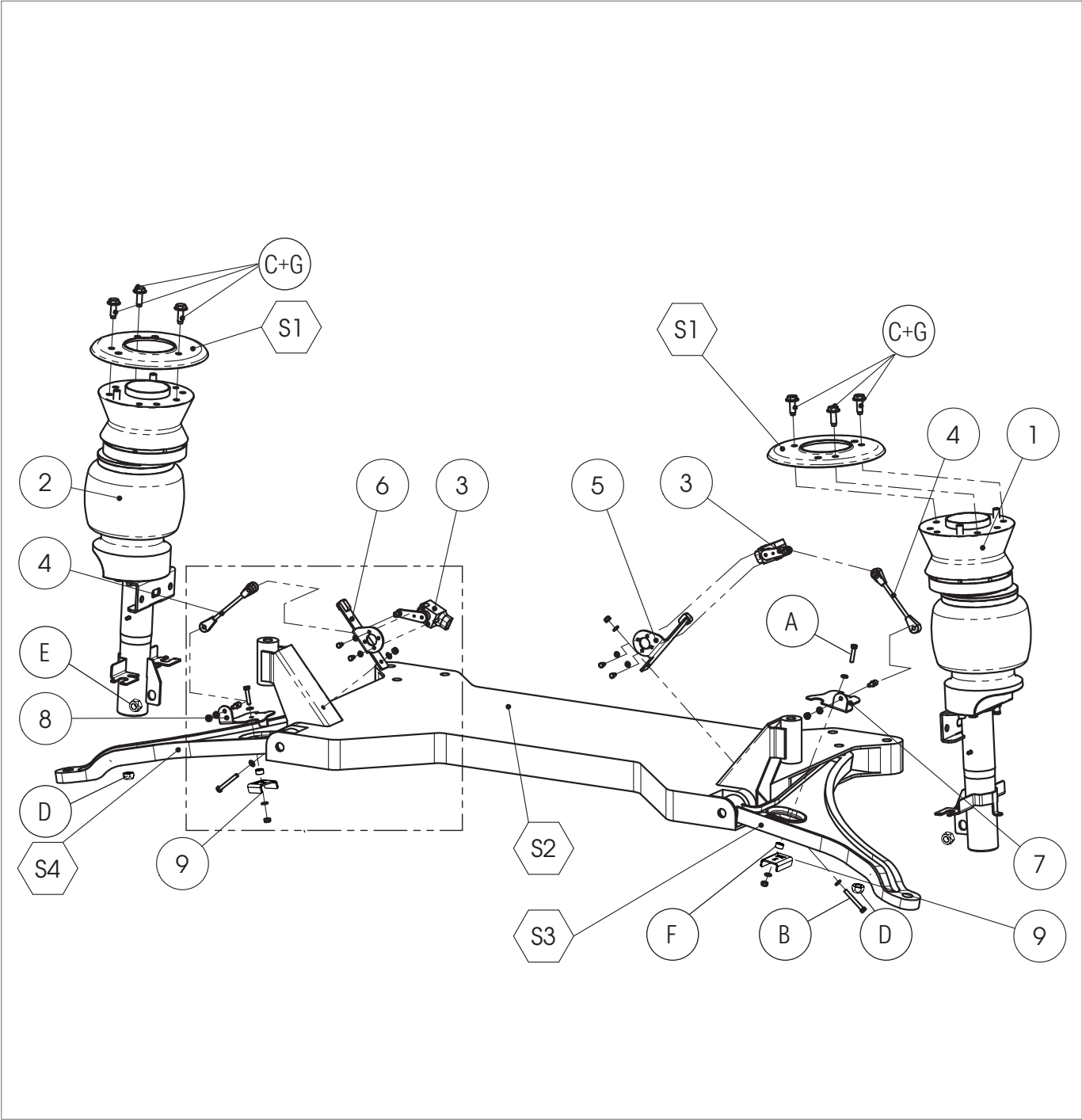
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V 06

For kit numbers:				For kit numbers:					
1051808200	1051808202	Normal track ≥01-03-2019 *	4x2	2C	1051808400	Normal track ≥01-03-2019 *	4x2	4C	
1051808205	ALC				1051808401				1051808402
1051808210	1051808212				1051808405				ALC
1051808215	ALC	1051808406	ALC						
1051808220	1051808222	Normal track ≥01-03-2019 *	6x2		1051808410	Wide Track ≥01-04-2018 **			
1051808225	ALC				1051808411		1051808412		
1051808230	1051808232				1051808415		ALC		
1051808235	ALC	1051808416	ALC						
1051808207	ALC 34°	Normal Track	4x2		1051808420	Normal track ≥01-03-2019 *	6x2		
1051808217	ALC 34°	Wide Track			1051808421				1051808422
				1051808425	ALC				
				1051808426	ALC				
				1051808430	Wide Track ≥01-04-2018 **				
				1051808431		1051808432			
				1051808435		ALC			
				1051808436		ALC			
				1051808407	ALC 34°	Normal Track	4x2		
				1051808417	ALC 34°	Wide Track			

* Note: Normal track kits < 01-03-2019, can be found in section 735105180818.

** Note: Wide track kits < 01-04-2018, can be found in section 735105180818.



Original parts from the vehicle

Item	Qty.	Description
S1	2	Chassis base vehicle
S2	1	Sub frame base vehicle
S3	1	Suspension arm left

Item	Qty.	Description
S4	1	Suspension arm right
S5	6	Fasteners

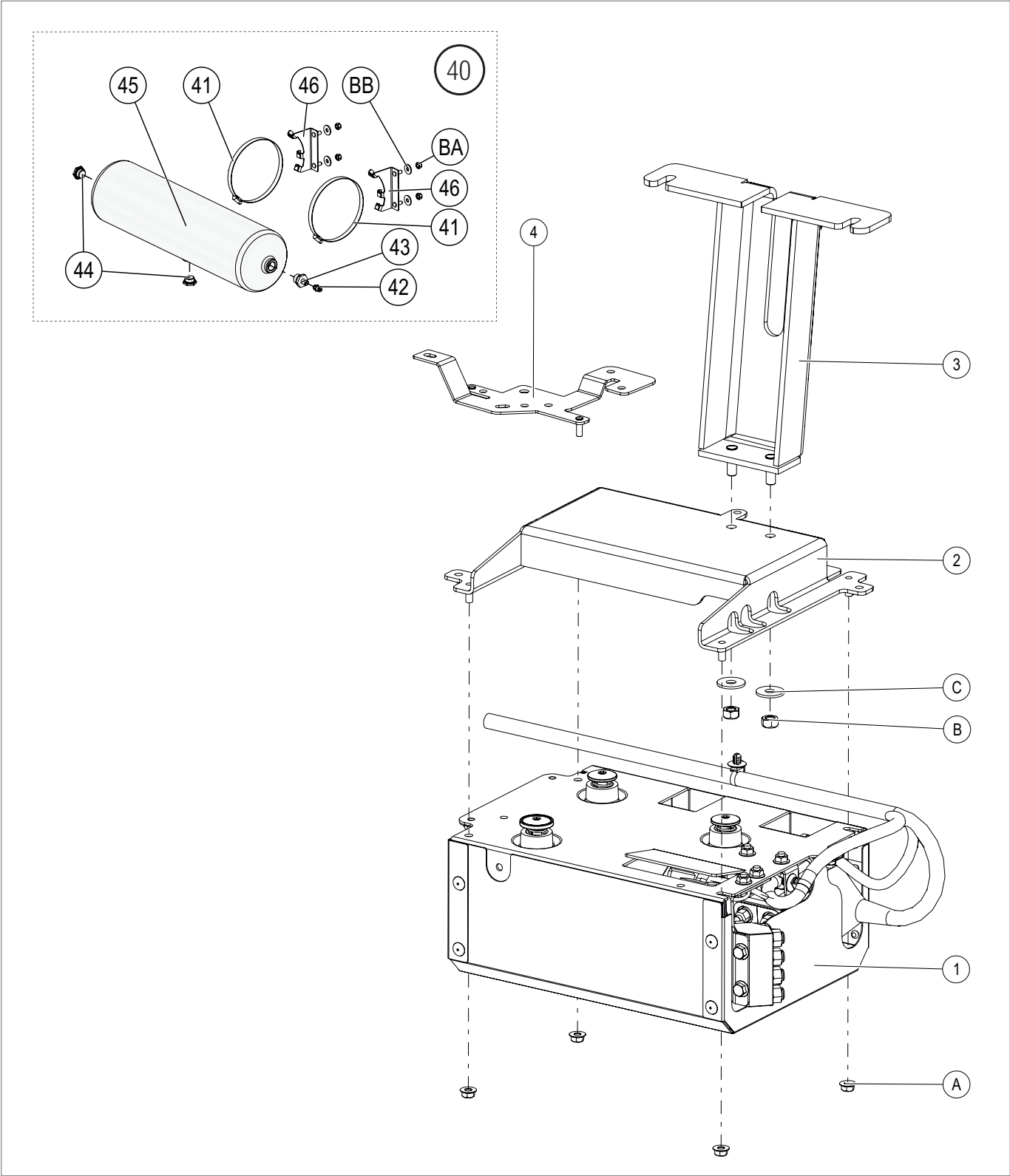
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Item	Qty.	Description	Part number
1	1	Air suspension strut left	1052101013-L
2	1	Air suspension strut right	1052101013-R
3	2	Height sensor	1052091030
4	2	Height sensor rod	1052095052A
5	1	Height sensor bracket left	1052090110
6	1	Height sensor bracket right	1052090111
7	1	Ball-joint bracket left	1052090112
8	1	Ball-joint bracket right	1052090113
9	2	Clamp	1052090114
-	1	Wiring harness	1052201117

A	2	Bolt M6x30 8.8	0010106030AA
B	2	Bolt M6x50 8.8	0010106050AA
C	6	Bolt M10x30x1.25 8.8	0010110030BA
D	2	Locking nut M12x1.25 10.9 nylon	0011012002GA
E	2	Locking nut M12x1.25 10.9 nylon (X250)	0011012002GA
	2	Locking nut M14x2 10.9 nylon (X290)	0011014001CA
F	2	Distance bush Ø12xØ10 L=6.5	0014200062
-	2	Ball-joint M6	1052095178
-	4	Bolt M5x10 8.8	0010105010AA
-	6	Locking nut M6 8.8 h=6	0011006000AA
-	4	Washer M5 300HV	0011205000AA
-	10	Washer M6 300HV	0011206000AA
G	6	Washer M10 300HV	0011210000AA
xx		These items are intended for single use and must not be reused	



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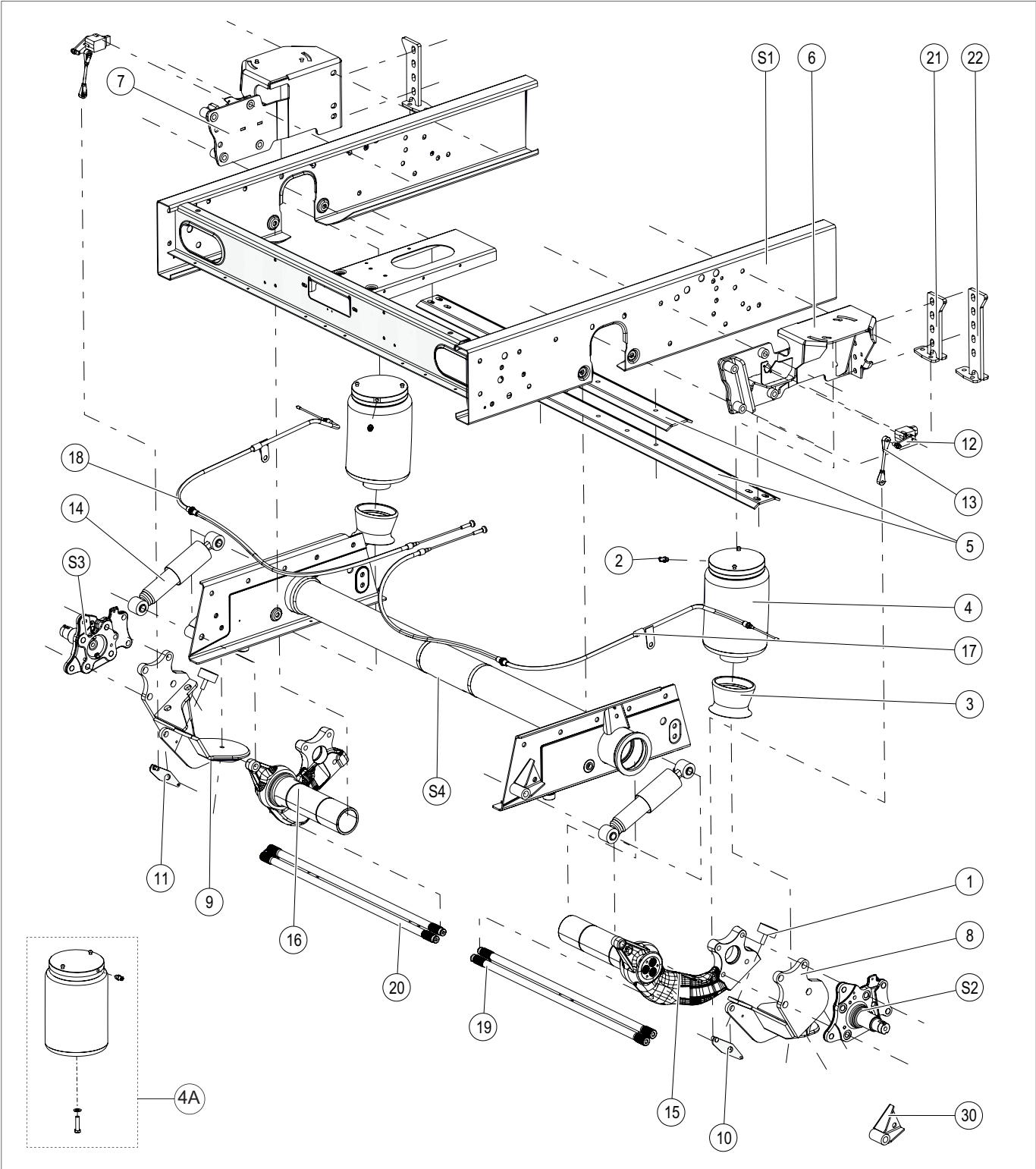


Item	Qty.	Description	Part number (Only for kits with air tank)
40	1	Air tank assembly (items 41 .. 46)	1052255117
41	2	Hose clamp ø140-160	0014416040
42	1	Air coupler ø6 x G1/8" straight	0020000019
43	1	Air coupler M22x1/8"	0020500006
44	2	Plug M22	2156560016
45	1	Air tank 10 L	3000301053
46	2	Air tank bracket	3000301054
BA	4	Lock nut M8	0011008001AA
BB	4	Washer Ø24	0011308000A
xx		These items are intended for single use and must not be reused	

Item	Qty.	Description	Part number
1	1	Compressor box *	1052130156
2	1	Compressor box mounting bracket	1052131113
3	1	Compressor box bracket	1052131269
4	1	Bracket	1052201283
-	1	Wiring harness	1052201165
-	1	Supply cable	1052201145
-	1	Bracket for fuseblock	1052201282A

A	4	Flange lock nut M6	0011106001AB
B	2	Lock nut M8	0011008001CA
C	2	Washer M8ø24x1.25	0011308024A
-	2	Tie-wrap 4.6x200 fir tree Ø6.5mm H=7.5mm	0030225105
-	1	Rubber grommet Ø20x Ø16x1.6mm	0014000021
xx		These items are intended for single use and must not be reused	

* For an exploded view of the compressor box, see chapter 'General - Universal compressor box 2'



Original parts from the vehicle

Item	Qty.	Description
S1	1	AL-KO chassis
S2	1	AL-KO stub axle right
S3	1	AL-KO stub axle left

Item	Qty.	Description
S4	1	AL-KO axle

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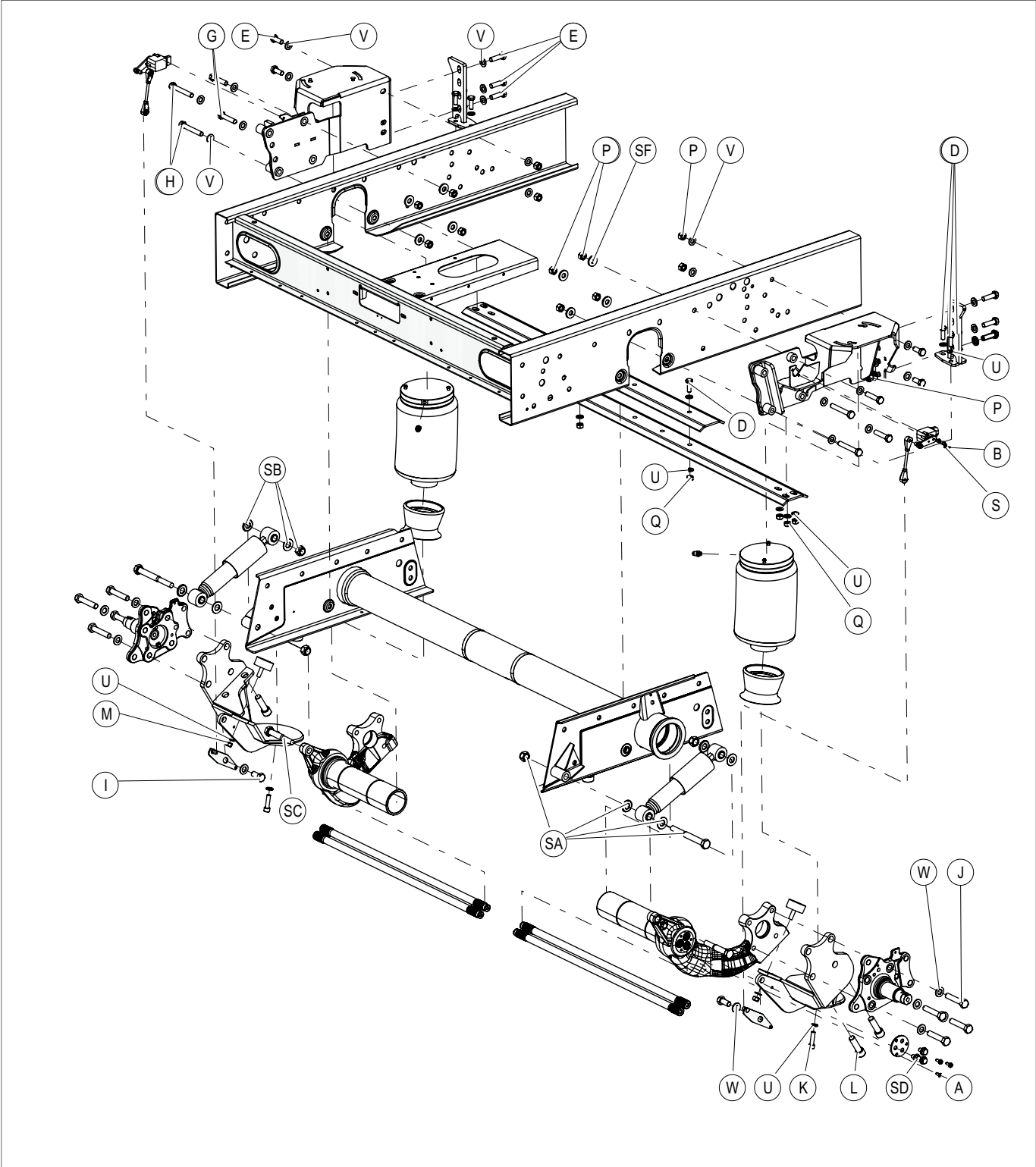


Item	Qty.	Description	Part number Normal track	Part number Normal track 34°
1	2	Bump stop	0014000003	-
2	2	Air coupling	0020906014	↔
3	2	Piston	1052030112	1052030125
4	2	Air spring (See also item 4A; Air spring assembly)	1052032261	↔
5	2	Cross beam	1052045483	↔
6	1	Upper spring plate left	1052045494	↔
7	1	Upper spring plate right	1052045495	↔
8	1	Lower spring plate left	1052050067	1052050122A
9	1	Lower spring plate right	1052050068	1052050123A
10	1	Ball joint bracket left	1052090121	1052090273
11	1	Ball joint bracket right	1052090122	1052090273
12	2	Height sensor	1052091031	1052090229
13	2	Height sensor rod L=115, 0°	1052095162	-
		Height sensor rod L=145, 0°	-	1052090164
14	2	Shock absorber	1052104082	1052104084
15	1	Suspension arm left	1052350039*	↔
		Suspension arm left (for kits 1051808xx2)	1052350224*	↔
16	1	Suspension arm right	1052350040*	↔
		Suspension arm right (for kits 1051808xx2)	1052350225*	↔
17	1	Hand brake cable left	1052350041	↔
18	1	Hand brake cable right	1052350042	↔
19	2	Torsion bar-spring left (white/red)	1052350156	↔
20	2	Torsion bar-spring right (white/yellow)	1052350157	↔
21	2	Cross beam bracket short	1052350212	↔
22	2	Cross beam bracket long	1052350214	↔
30	2**	Shock absorber bracket	1052350062	↔
-	1	Height sensor cable rear axle	1050221133	↔
-	2	Spacer	-	1052025742
-	2	Ball joint	-	1052095178

* Not for AL-KO ALC kits

** Only for AL-KO ALC kits

Item	Qty.	Description Spare parts kit	Part number	
4A	2	Air spring assembly (Air spring, fasteners, air coupler)	8052032261	↔



Original parts from the vehicle

Item	Qty.	Description
SA	1	AL-KO shock absorbers fasteners
SB	1	AL-KO shock absorbers fasteners
SC	1	AL-KO shock absorbers fasteners

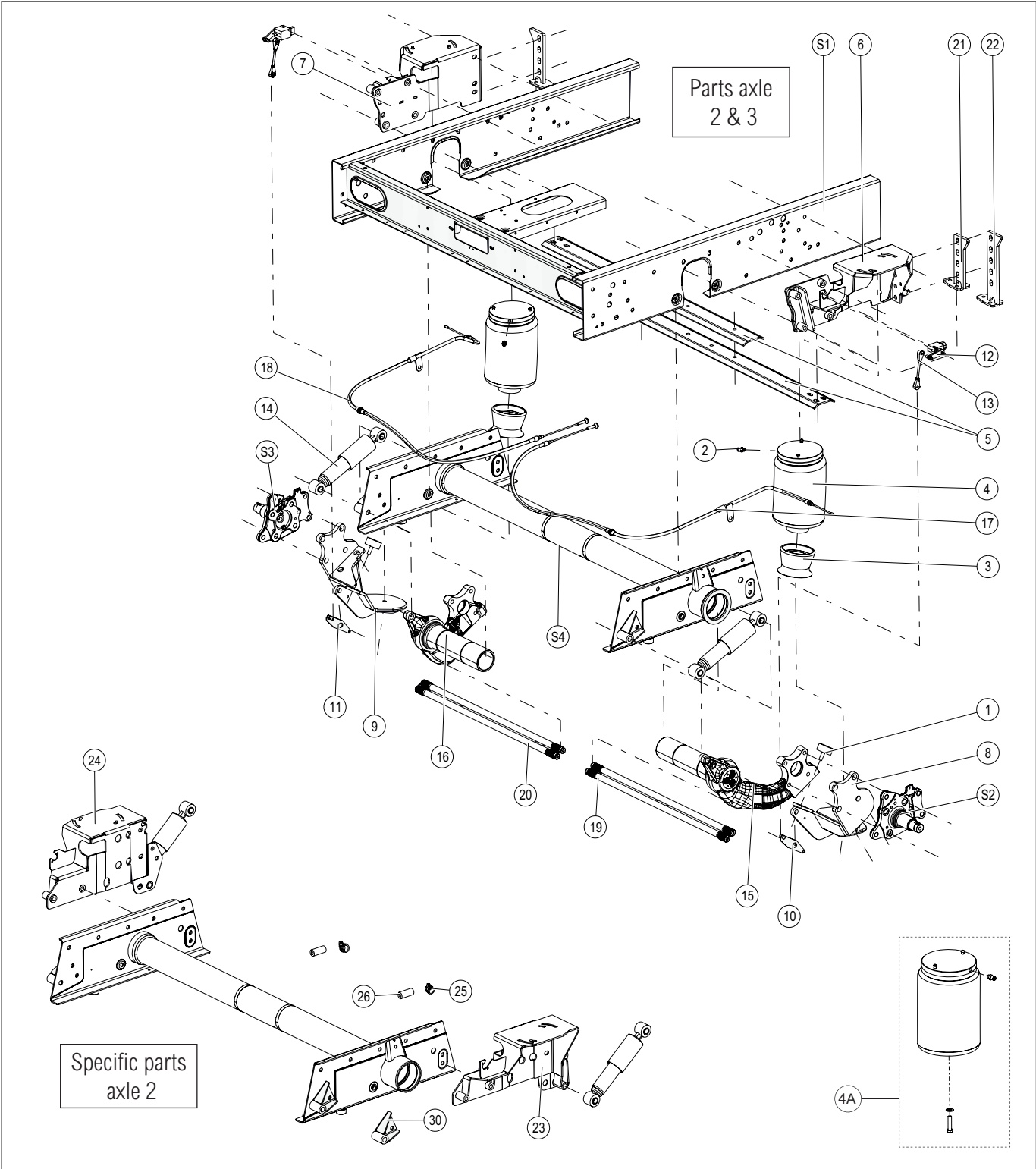
Item	Qty.	Description
SD	1	AL-KO axle fasteners
SE	8	AL-KO stub axle fasteners
SF	8	Original washers M12

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Item	Qty.	Description	Part number Normal track	Part number Normal track 34°
A	6	Bolt M6x16 Taptite torx	0062350041	↔
B	4	Bolt M5x10	0010105010AA	↔
D	8	Bolt M10x30	0010110030CA	↔
E	10	Bolt M12x40	0010112040CA	↔
G	4	Bolt M12x55	0010112055CA	↔
H	4	Bolt M12x80	0010112080CA	↔
I	2	Bolt M14x30x1.5	0010114030DA	↔
J	8	Bolt M14x70x1.5	0010114070DA	↔
K	2	Bolt UNC 3/8"x1 1/2" Tuflok	0010238112AE	-
		Bolt UNC 3/8"x2 1/4"	-	0010238214A
L	4	Allen screw M16x30x1.5 yellow	0010316030DA	↔
M	2	Nut M10	0010910000CA	↔
Q	8	Lock nut M10	0011010001CA	↔
P	18	Lock nut M12	0011012001CA	↔
S	4	Washer M5	0011205000AA	↔
U	20	Washer M10	0011210000AA	↔
V	28	Washer M12	0011212000AA	↔
W	10	Washer M14	0011214000AA	↔
-	3	Washer M6	0011206000AA	↔
-	2	Hub nut	1052350044	↔
-	1	Rubber grommet Ø20x Ø16x1.6mm	0014000021	↔
-	1	Distance bush Ø15x Ø6.3 L=10 nylon	0014300008	↔
-	2	Tie-wrap 4.6x200 fir tree Ø10mm	0030225102	↔
-	2	Tie-wrap 4.6x200 fir tree Ø6.5mm H=7.5mm	0030225105	↔
-	1	Bracket fuse block	1052201160	↔
-	1	Bolt M6x30	0010106030AA	↔
-	4	Flange lock nut M6	0011106001AB	↔
-	2	Washer M8xØ24x1.25	0011308024A	↔
-	2	Lock nut M6 nylon	-	0011006000AA
xx		These items are intended for single use and must not be reused		



Original parts from the vehicle

Item	Qty.	Description
S1	1	AL-KO chassis
S2	1	AL-KO hub right
S3	1	AL-KO hub left

Item	Qty.	Description
S4	1	AL-KO axle
S5	2	AL-KO axle

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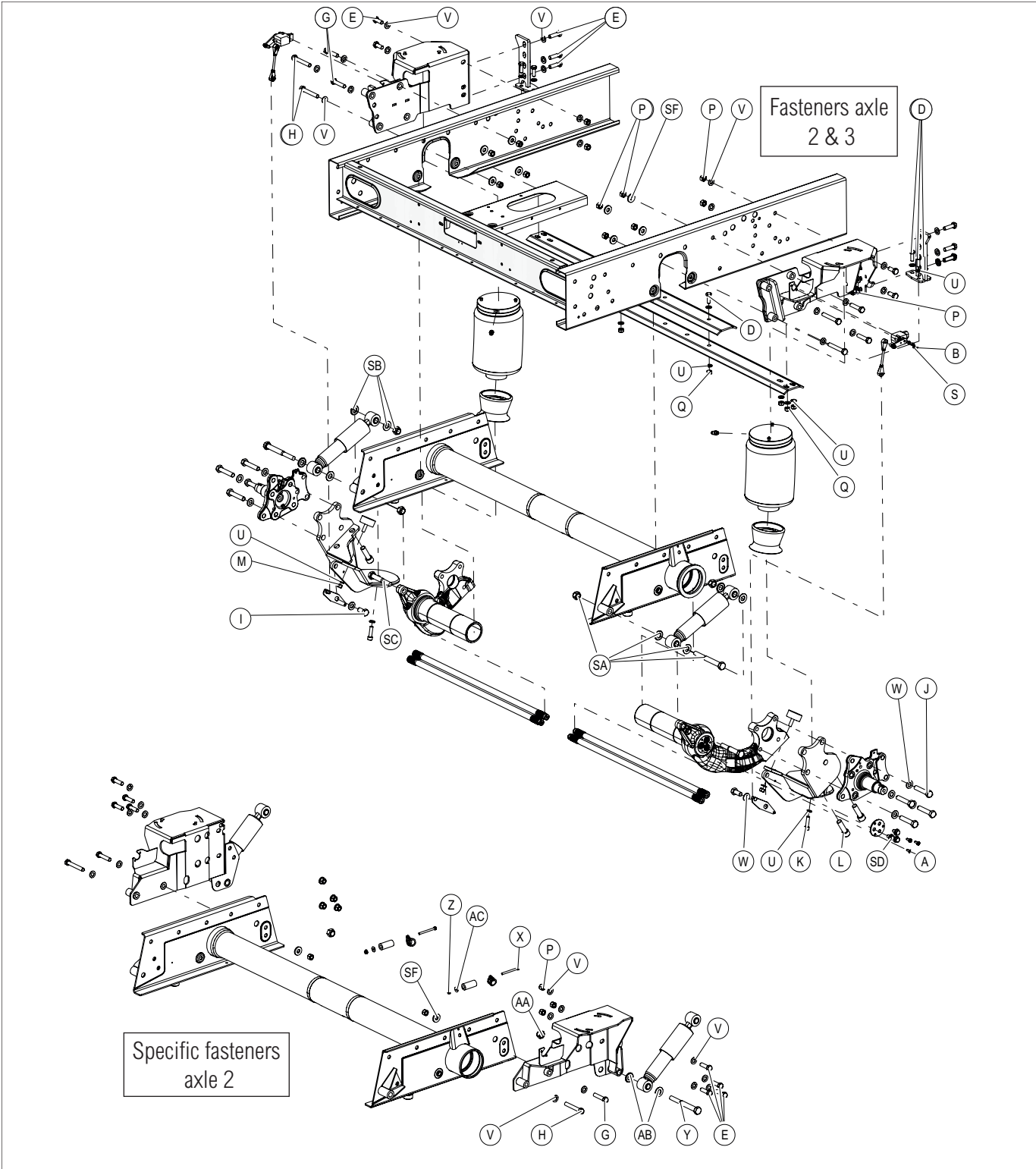
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Item	Qty.	Description	Part number Normal track
1	4	Bump stop	0014000003
2	4	Air coupler	0020906014
3	4	Piston	1052030112
4	4	Air spring	1052032261
5	2	Cross beam	1052045483
6	1	Upper spring plate left	1052045494
7	1	Upper spring plate right	1052045495
8	2	Lower spring plate left	1052050067
9	2	Lower spring plate right	1052050068
10	1	Ball joint bracket left	1052090121
11	1	Ball joint bracket right	1052090122
12	2	Height sensor	1052091031
13	2	Height sensor rod L=115, 0°	1052095162
14	4	Shock absorber	1052104082
15	2	Suspension arm left	1052350039
16	2	Suspension arm right	1052350040
17	2	Hand brake cable left	1052350041
18	2	Hand brake cable right	1052350042
19	4	Torsion bar-spring left (white/red)	1052350156
20	4	Torsion bar-spring right (white/yellow)	1052350157
21	2	Cross beam bracket short	1052350212
22	2	Cross beam bracket long	1052350214
23	1	Upper spring plate left axle 2	1052040078
24	1	Upper spring plate right axle 2	1052040079
25	2	Pipe clamp Ø20x15	0014100006
26	2	Distance bush Ø22xØ10.6 L=50 nylon	0014300009
30	2*	Shock absorber bracket	1052350062
-	2	Air coupler T Ø6-Ø6-Ø6	0020906003
-	1	Height sensor cable rear axle	1050221133
		When replacing these items, see spare part kits below	XXXXXXXXXX

* Only for AL-KO ALC kits.

Item	Qty.	Description Spare parts kit	Part number
4A	4	Air spring assembly (Air spring, fasteners, air coupler)	8052032261



Original parts from the vehicle

Item	Qty.	Description
SA	1	AL-KO shock absorbers fasteners
SB	1	AL-KO shock absorbers fasteners
SC	1	AL-KO shock absorbers fasteners

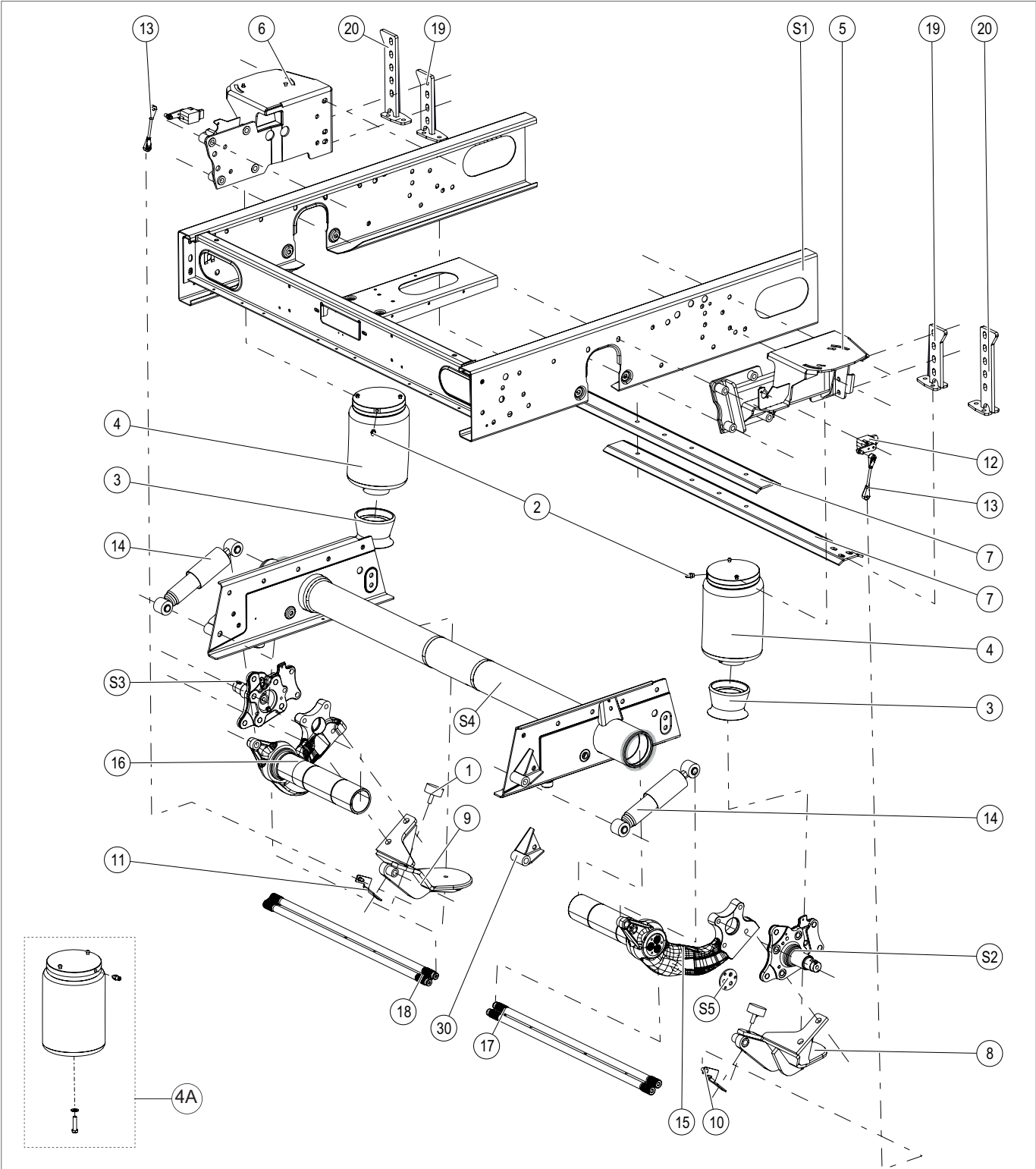
Item	Qty.	Description
SD	1	AL-KO axle fasteners
SE	8	AL-KO stub axle fasteners
SF	12	Original washer M12

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Item	Qty.	Description	Part number Normal track
A	12	Bolt M6x16 Taptite torx	0062350041
B	4	Bolt M5x10	0010105010AA
D	8	Bolt M10x30	0010110030CA
E	18	Bolt M12x40	0010112040CA
G	6	Bolt M12x55	0010112055CA
H	6	Bolt M12x80	0010112080CA
I	2	Bolt M14x30x1.5	0010114030DA
J	16	Bolt M14x70x1.5	0010114070DA
K	4	Bolt UNC 3/8"x1 1/2" Tuflok	0010238112AE
L	8	Allen screw M16x30x1.5 yellow	0010316030DA
M	4	Nut M10	0010910000CA
O	8	Lock nut M10	0011010001CA
P	30	Lock nut M12	0011012001CA
S	4	Washer M5	0011205000AA
U	24	Washer M10	0011210000AA
V	48	Washer M12	0011212000AA
W	18	Washer M14	0011214000AA
X	2	Bolt M6x70	0010106070AA
Y	2	Bolt M16x160x1.5	0010116160DA
Z	2	Lock nut M6 nylon	0011006000AA
AA	2	Lock nut M16x1.5 nylon	0011016000DA
AB	4	Washer M16	0011216000AA
AC	5	Washer M6	0011206000AA
-	2	Hub nut	1052350044
-	1	Distance bush Ø15x Ø6.3 L=10 nylon	0014300008
-	2	Tie-wrap 4.6x200 fir tree Ø10mm	0030225102
-	1	Bracket fuse block	1052201160
-	1	Bolt M6x30	0010106030AA
-	4	Flange lock nut M6	0011106001AB
xx		These items are intended for single use and must not be reused	



Original parts from the vehicle

Item	Qty.	Description
S1	1	AL-KO chassis
S2	1	AL-KO stub axle right
S3	1	AL-KO stub axle left

Item	Qty.	Description
S4	1	AL-KO axle
S5	2	AL-KO axle cover

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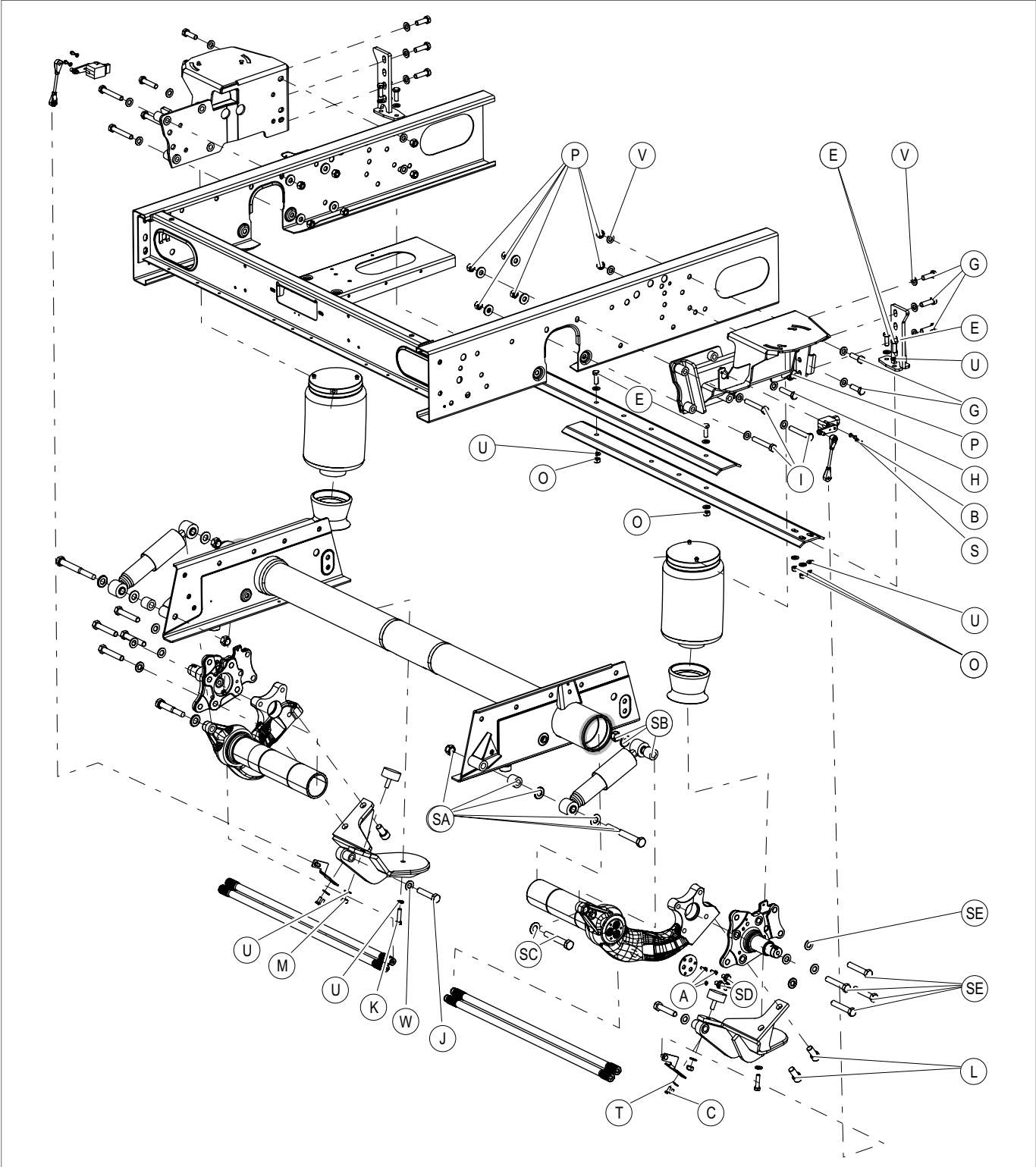
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Item	Qty.	Description	Part number Wide track	Part number Wide track 34° axle
1	2	Bump stop	0014000003	-
2	2	Air coupling	0020906014	↔
3	2	Piston	1052030112	1052030125
4	2	Air spring (See also item 4A; Air spring assembly)	1052032261	↔
5	1	Upper spring plate left	1052045481	↔
6	1	Upper spring plate right	1052045482	↔
7	2	Cross beam	1052045483	↔
8	1	Lower spring plate left	1052050076	1052050122A
9	1	Lower spring plate right	1052050077	1052050123A
10	1	Ball joint bracket left	1052090162	1052090273
11	1	Ball joint bracket right	1052090163	1052090273
12	2	Height sensor	1052091030	1052090229
13	2	Height sensor rod L=115, 180°	1052095081A	-
		Height sensor rod L=145, 0°	-	1052090164
14	2	Shock absorber	1052104082	1052104084
15	1	Suspension arm left	1052350039	↔
16	1	Suspension arm right	1052350040	↔
17	2	Torsion bar-spring left (white/red)	1052350156	↔
18	2	Torsion bar-spring right (white/yellow)	1052350157	↔
19	2	Cross beam bracket short	1052350212	↔
20	2	Cross beam bracket long	1052350214	↔
30	2*	Shock absorber bracket	1052350062	↔
-	2	Ball joint	-	1052095178

* Only for AL-KO ALC kits

Item	Qty.	Description Spare parts kit	Part number	
4A	2	Air spring assembly (Air spring, fasteners, air coupler)	8052032261	↔



Original parts from the vehicle

Item	Qty.	Description
SA	1	AL-KO shock absorbers fasteners
SB	1	AL-KO shock absorbers fasteners
SC	1	AL-KO shock absorbers fasteners

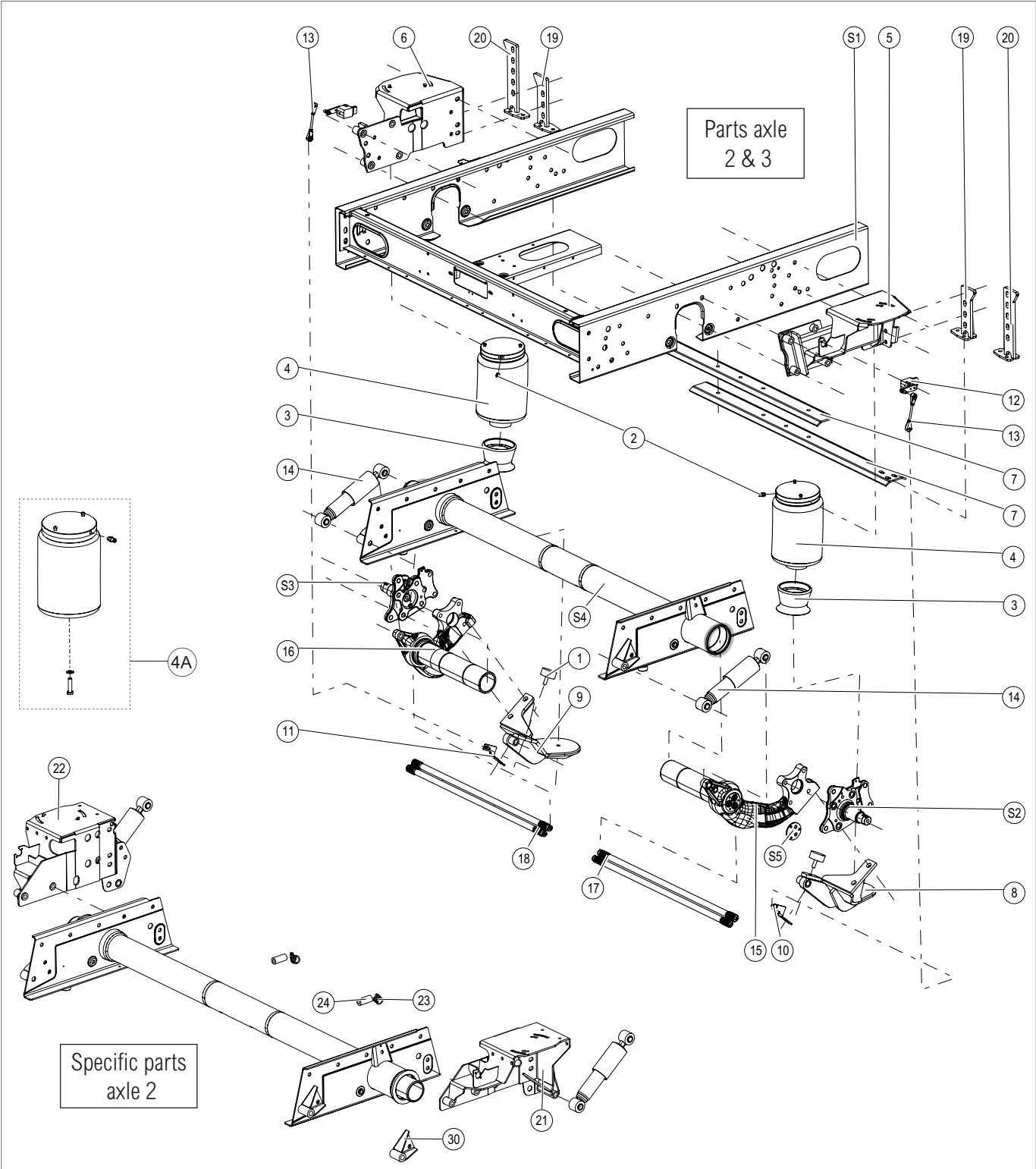
Item	Qty.	Description
SD	1	AL-KO axle fasteners
SE	8	AL-KO stub axle fasteners

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Item	Qty.	Description	Part number Wide track	Part number Wide track 34°
A	6	Bolt M6x16 Taptite torx	0062350041	↔
B	4	Bolt M5x10	0010105010AA	↔
C	4	Bolt M6x16	0010106016AA	↔
E	8	Bolt M10x30	0010110030CA	↔
G	10	Bolt M12x40	0010112040CA	↔
H	2	Bolt M12x55	0010112055CA	↔
I	6	Bolt M12x80	0010112080CA	↔
J	2	Bolt M14x70x1.5	0010114070DA	↔
K	2	Bolt UNC 3/8"x1 1/2" Tuflok	0010238112AE	-
		Bolt UNC 3/8"x2 1/4"	-	0010238214A
L	4	Allen screw M16x30x1.5 yellow	0010316030DA	↔
M	2	Nut M10	0010910000CA	↔
O	8	Lock nut M10	0011010001CA	↔
P	18	Lock nut M12	0011012001CA	↔
S	4	Washer M5	0011205000AA	↔
T	5	Washer M6	0011206000AA	↔
U	20	Washer M10	0011210000AA	↔
V	20	Washer M12	0011212000AA	↔
W	2	Washer M14	0011214000AA	↔
-	2	Hub nut	1052350044	↔
-	1	Rubber grommet Ø20x Ø16x1.6mm	0014000021	↔
-	1	Distance bush Ø15x Ø6.3 L=10 nylon	0014300008	↔
-	2	Tie-wrap 4.6x200 fir tree Ø10mm	0030225102	↔
-	2	Tie-wrap 4.6x200 fir tree Ø6.5mm H=7.5mm	0030225105	↔
-	1	Bracket fuse block	1052201160	↔
-	1	Bolt M6x30	0010106030AA	↔
-	2	Lock nut M8	0011008001CA	↔
-	4	Flange lock nut M6	0011106001AB	↔
-	2	Washer M8xØ24x1.25	0011308024A	↔
-	2	Lock nut M6 nylon	-	0011006000AA
xx		These items are intended for single use and must not be reused		



Original parts from the vehicle

Item	Qty.	Description
S1	1	AL-KO chassis
S2	1	AL-KO hub right
S3	1	AL-KO hub left

Item	Qty.	Description
S4	1	AL-KO axle
S5	2	AL-KO axle

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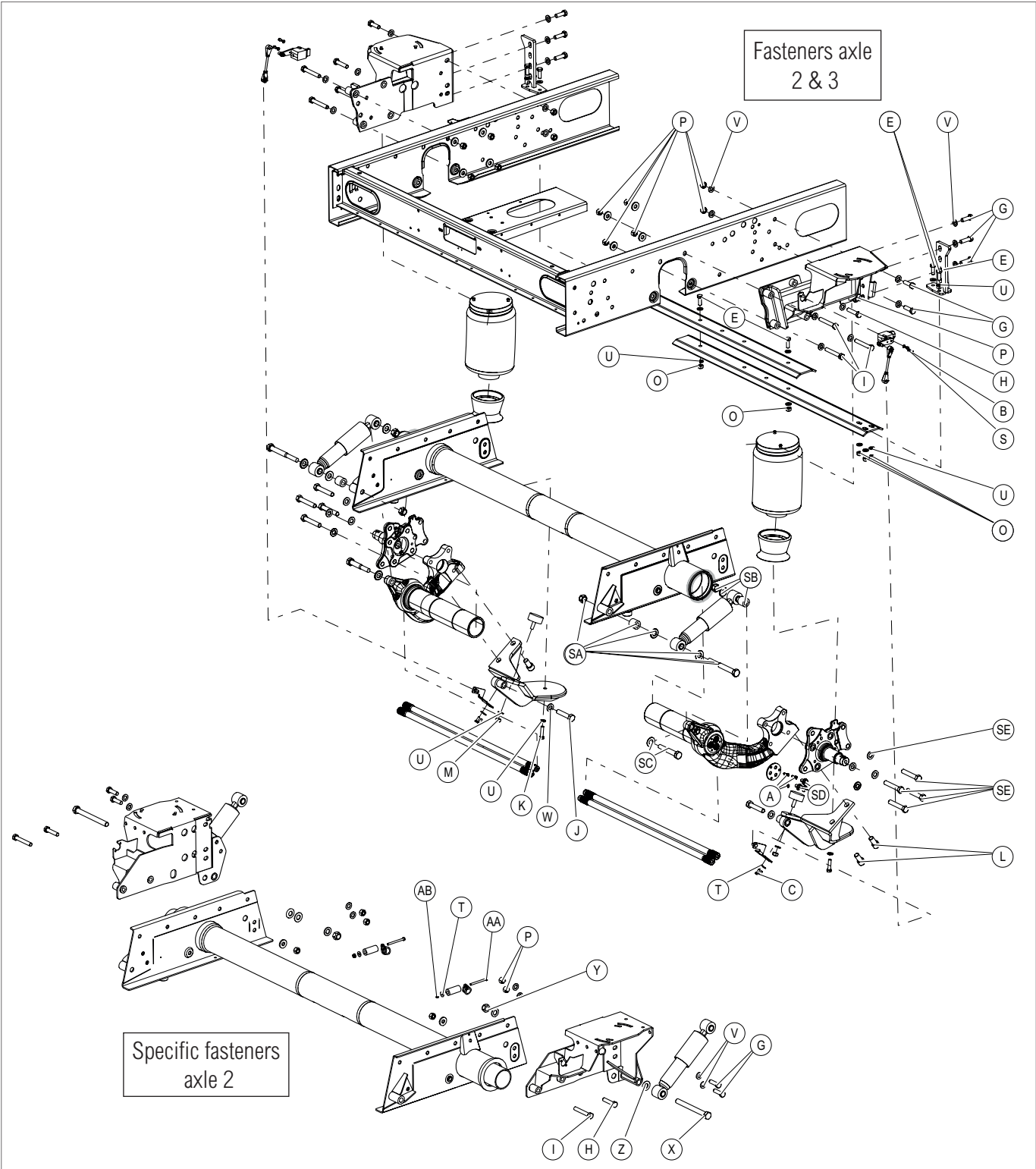
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Item	Qty.	Description	Part number Wide track
1	4	Bump stop	0014000003
2	4	Air coupler	0020906014
3	4	Piston	1052030112
4	4	Air spring	1052032261
5	1	Upper spring plate left axle 3	1052045481
6	1	Upper spring plate right axle 3	1052045482
7	2	Cross beam	1052045483
8	2	Lower spring plate left	1052050076
9	2	Lower spring plate right	1052050077
10	1	Ball joint bracket left	1052090162
11	1	Ball joint bracket right	1052090163
12	2	Height sensor	1052091030
13	2	Height sensor rod L=115, 180°	1052095081A
14	4	Shock absorber	1052104082
15	2	Suspension arm left	1052350039
16	2	Suspension arm right	1052350040
17	4	Torsion bar-spring left (white/red)	1052350156
18	4	Torsion bar-spring right (white/yellow)	1052350157
19	2	Cross beam bracket short	1052350212
20	2	Cross beam bracket long	1052350214
21	1	Upper spring plate left Axle 2	1052040099
22	1	Upper spring plate right Axle 2	1052040102
23	2	Pipe clamp Ø20x15	0014100006
24	2	Distance bush Ø22xØ10.6 L=50 nylon	0014300009
30	2*	Shock absorber bracket	1052350062
-	2	Air coupler T Ø6-Ø6-Ø6	0020906003
		When replacing these items, see spare part kits below	XXXXXXXXXX

* Only for AL-KO ALC kits

Item	Qty.	Description Spare parts kit	Part number
4A	4	Air spring assembly (Air spring, fasteners, air coupler)	8052032261



Original parts from the vehicle

Item	Qty.	Description
SA	1	AL-KO shock absorbers fasteners
SB	1	AL-KO shock absorbers fasteners
SC	1	AL-KO shock absorbers fasteners

Item	Qty.	Description
SD	1	AL-KO axle fasteners
SE	8	AL-KO stub axle fasteners

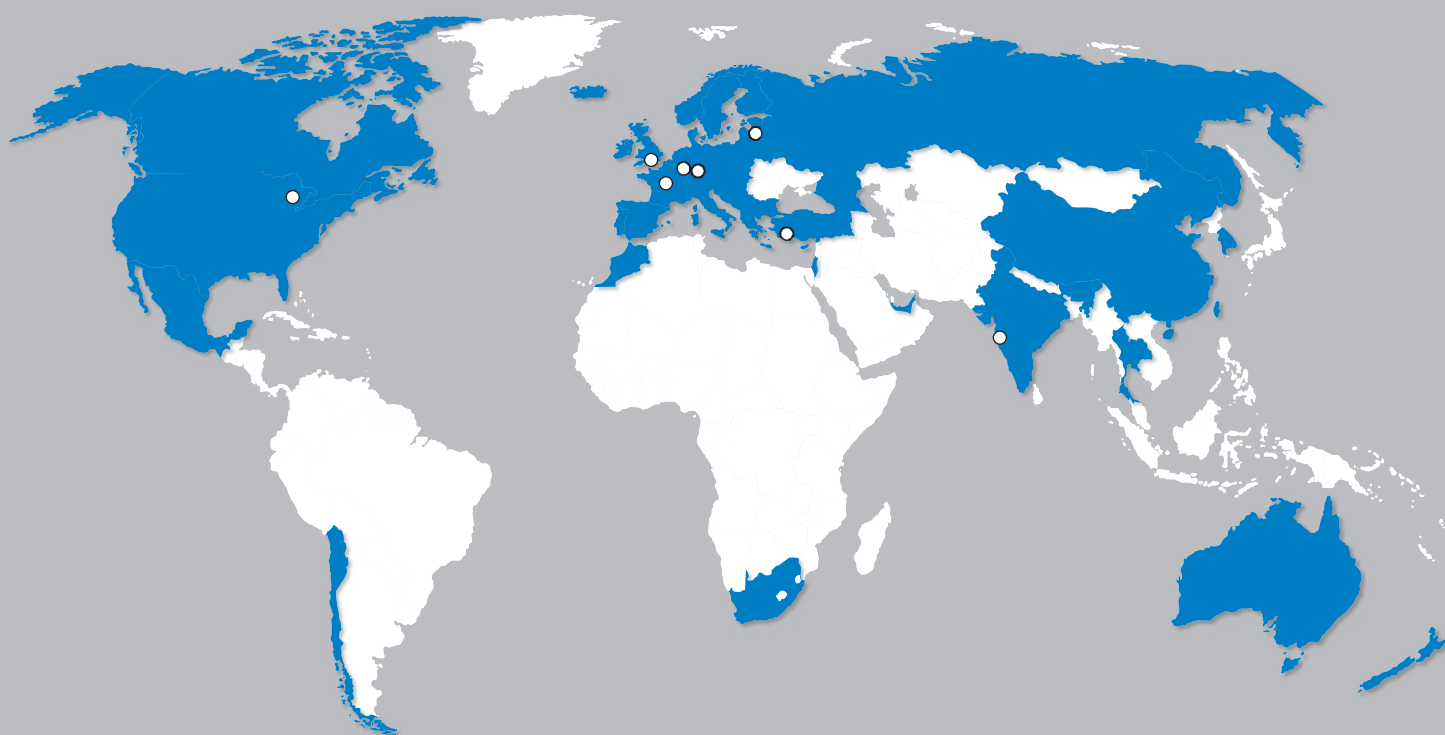
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Item	Qty.	Description	Part number Wide track
A	12	Bolt M6x16 Taptite torx	0062350041
B	4	Bolt M5x10	0010105010AA
C	4	Bolt M6x16	0010106016AA
E	8	Bolt M10x30	0010110030CA
G	14	Bolt M12x40	0010112040CA
H	4	Bolt M12x55	0010112055CA
I	8	Bolt M12x80	0010112080CA
J	4	Bolt M14x70x1.5	0010114070DA
K	4	Bolt UNC 3/8"x1 1/2" Tuflok	0010238112AE
L	8	Allen screw M16x30x1.5 yellow	0010316030DA
M	4	Nut M10	0010910000CA
O	8	Lock nut M10	0011010001CA
P	30	Lock nut M12	0011012001CA
S	4	Washer M5	0011205000AA
T	7	Washer M6	0011206000AA
U	24	Washer M10	0011210000AA
V	36	Washer M12	0011212000AA
W	4	Washer M14	0011214000AA
X	2	Bolt M16x160x1.5	0010116160DA
Y	2	Lock nut M16x1.5 nylon	0011016000DA
Z	4	Washer M16	0011216000AA
AA	2	Bolt M6x70	0010106070AA
AB	2	Lock nut M6 nylon	0011006000AA
-	4	Hub nut	1052350044
-	1	Rubber grommet Ø20x Ø16x1.6mm	0014000021
-	1	Distance bush Ø15x Ø6.3 L=10 nylon	0014300008
-	4	Tie-wrap 4.6x200 fir tree Ø10mm	0030225102
-	2	Tie-wrap 4.6x200 fir tree Ø6.5mm H=7.5mm	0030225105
-	1	Bracket fuse block	1052201160
-	1	Bolt M6x30	0010106030AA
-	2	Lock nut M8	0011008001CA
-	4	Flange lock nut M6	0011106001AB
-	2	Washer M8xØ24x1.25	0011308024A
xx		These items are intended for single use and must not be reused	

Blank lined paper for writing.



VB-AIRSUSPENSION,

INCREASED COMFORT, BETTER DRIVEABILITY, MORE SAFETY.