



HYDROSTRESS PARTS LIST

**WCU14 WCE17 WCH17
WIRE SAW**

OCTOBER, 2023

Part #: 1802738-00

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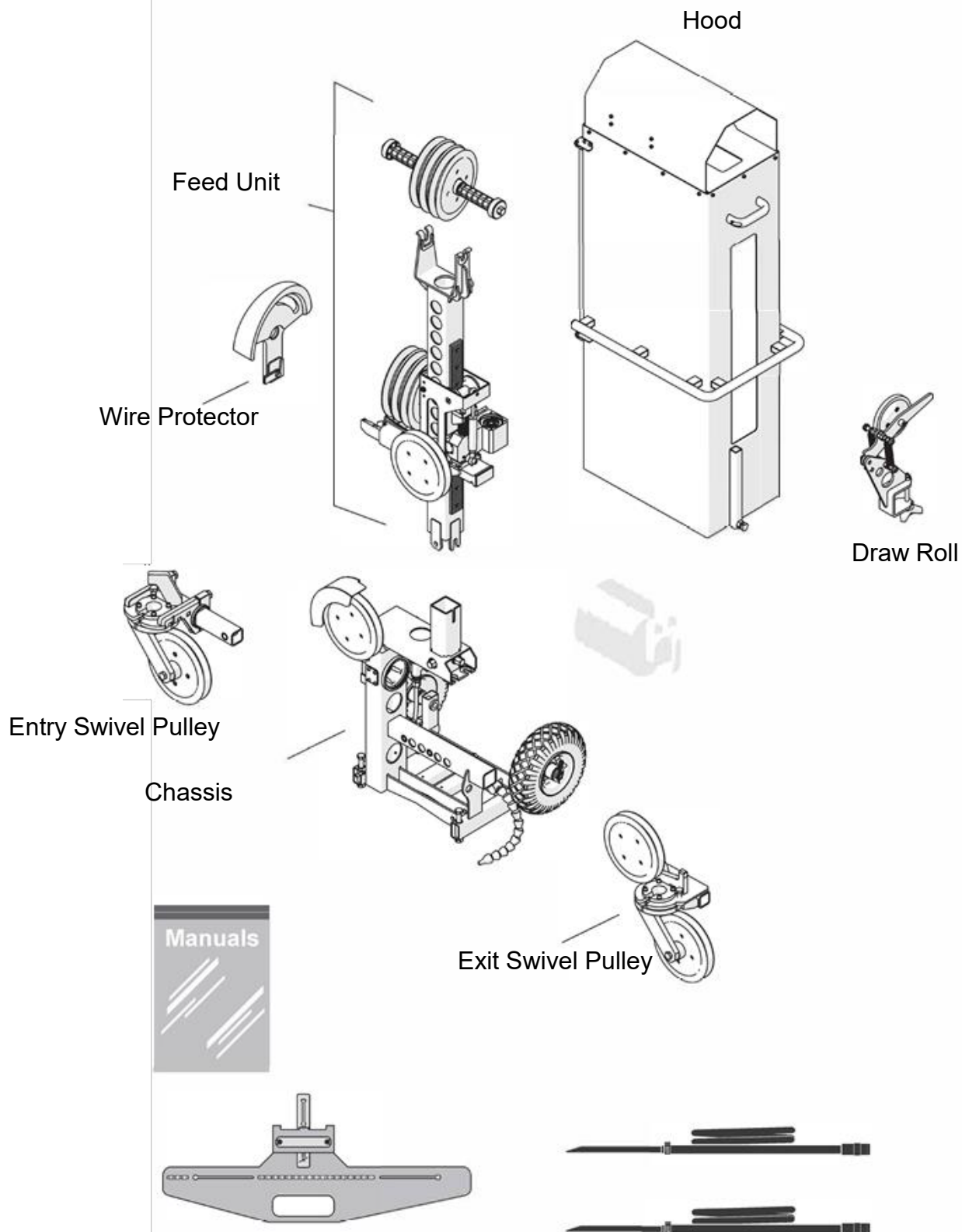
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Overview



Mounting drive motor

✓ Tool

Allen key

Allen key



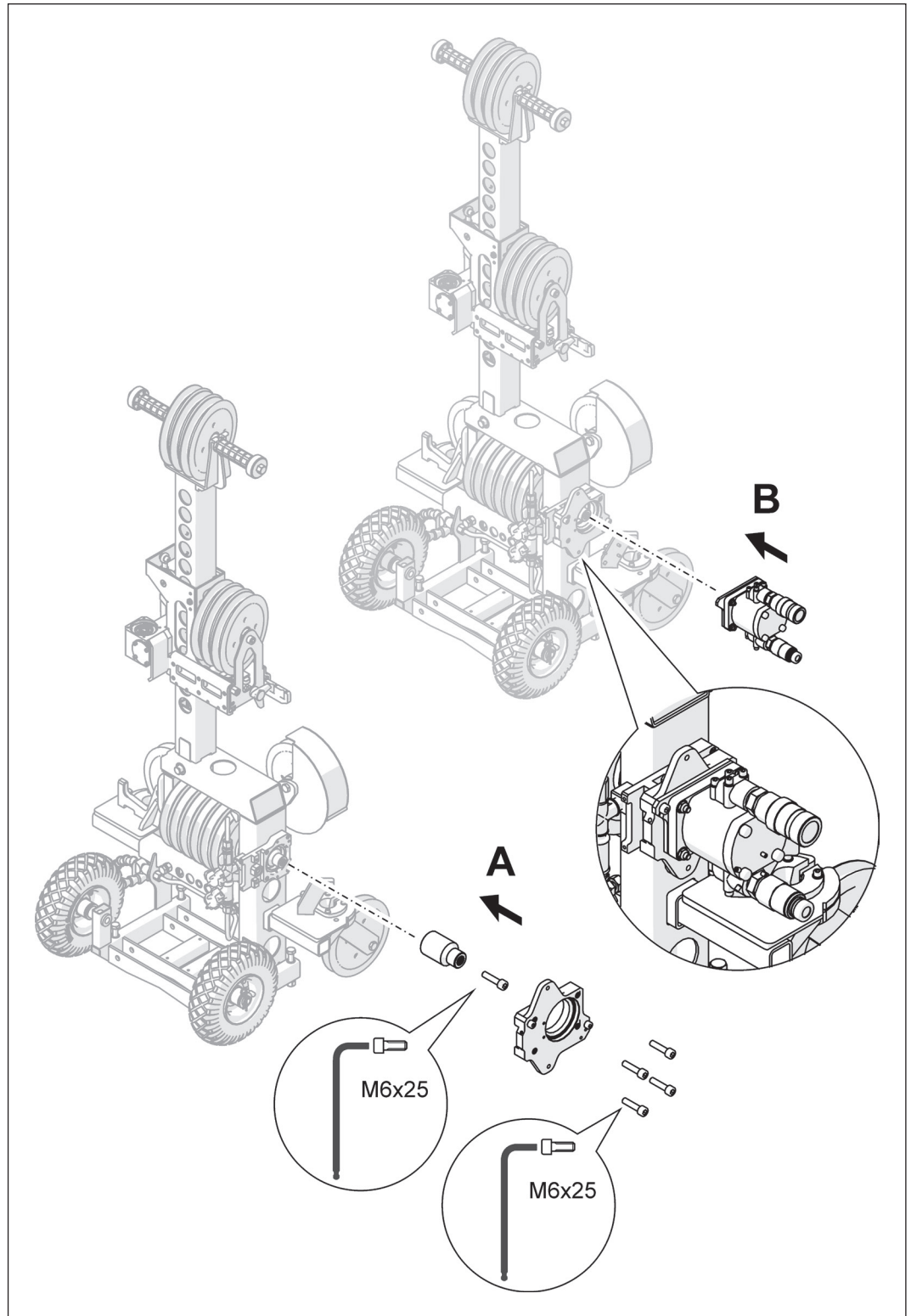
SW 6

TYROLIT No. 973792



SW 5

TYROLIT No. 973791



Mounting Hydraulic Feed Motor

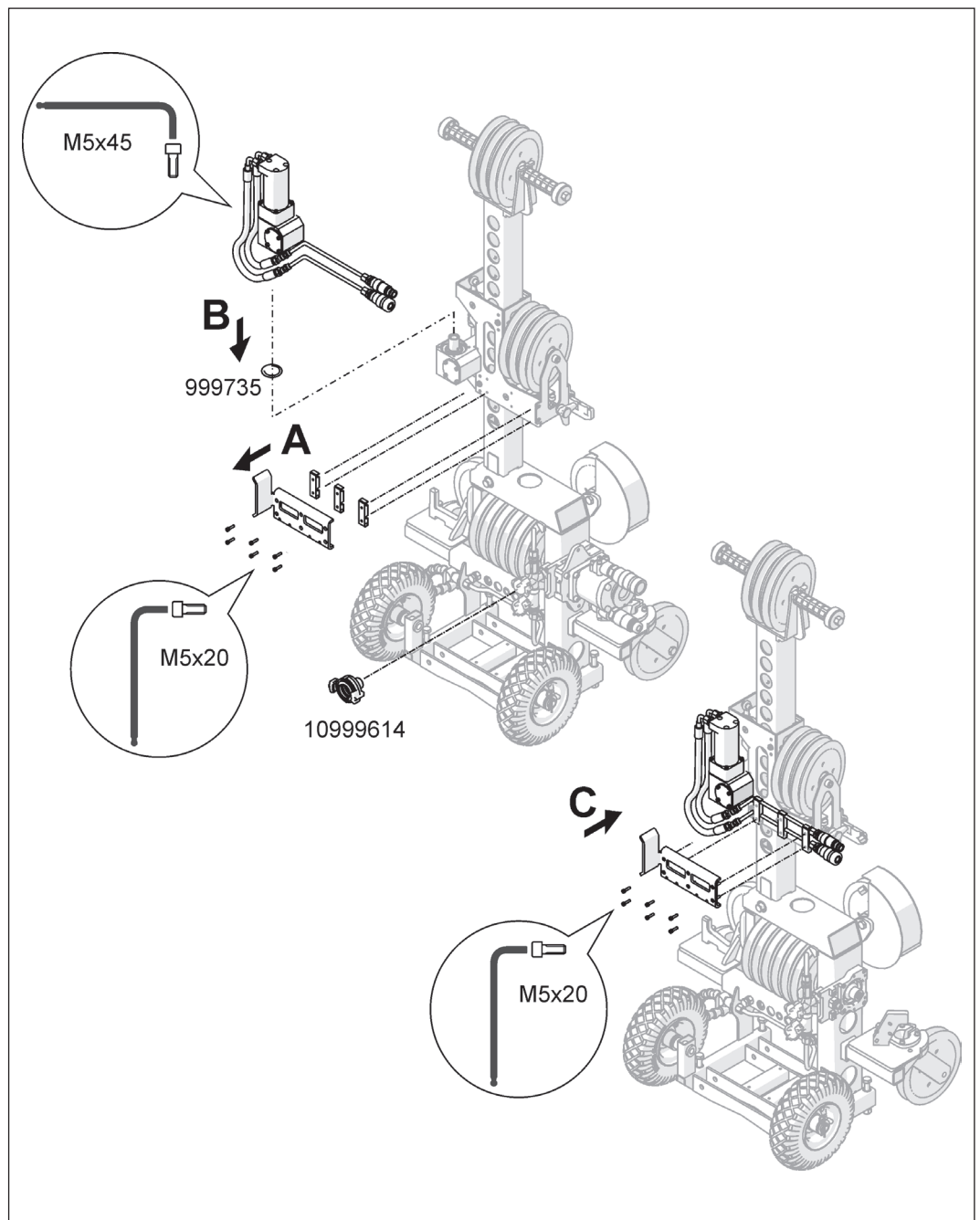
✓ Tool

Allen key

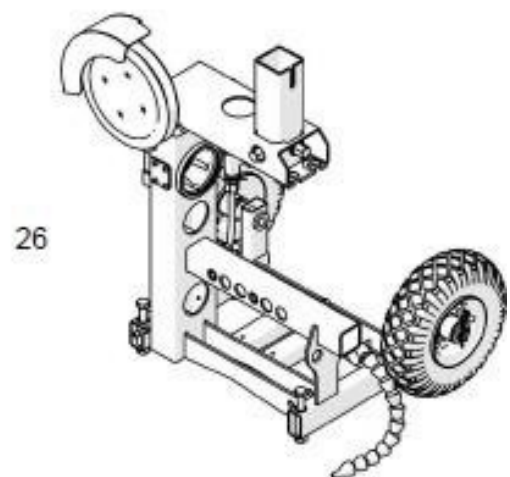
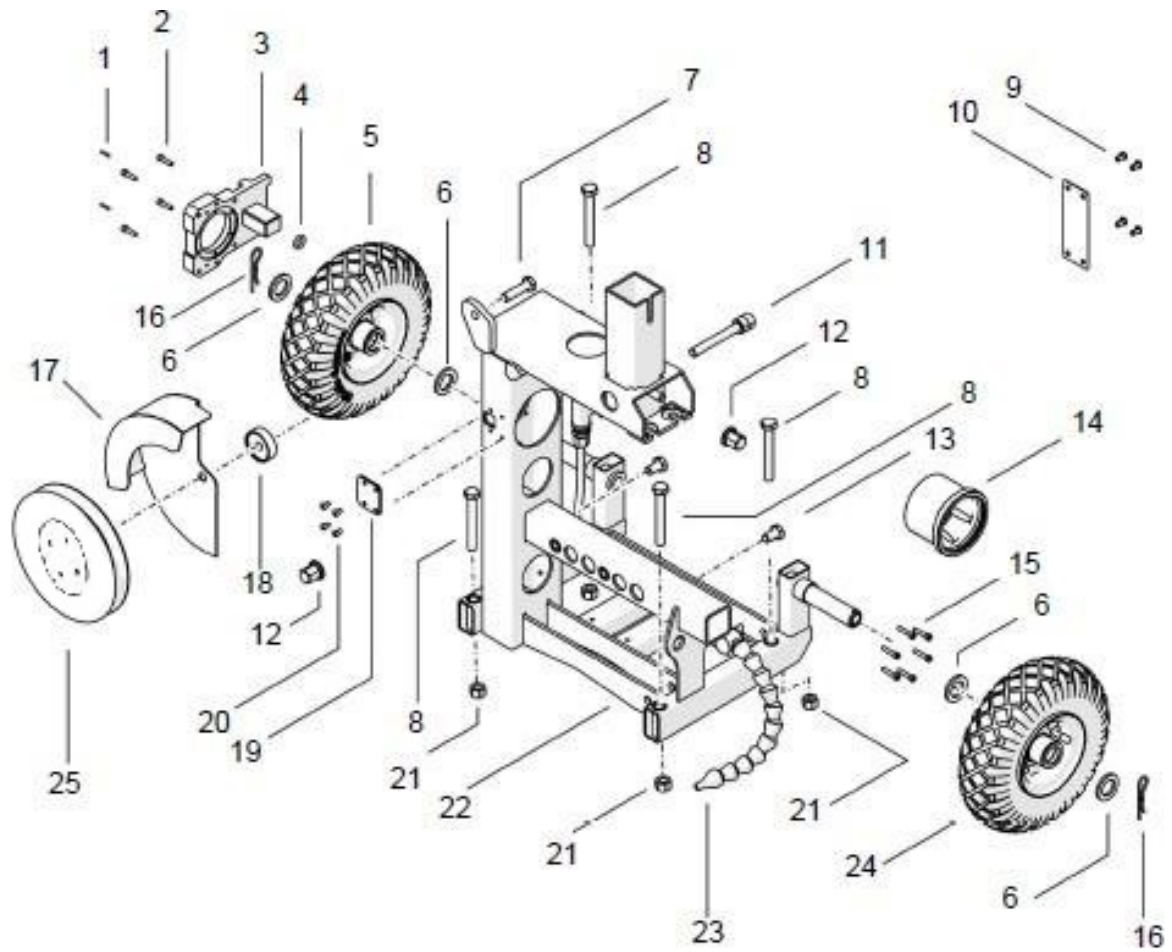


SW 4

TYROLIT No. 973790

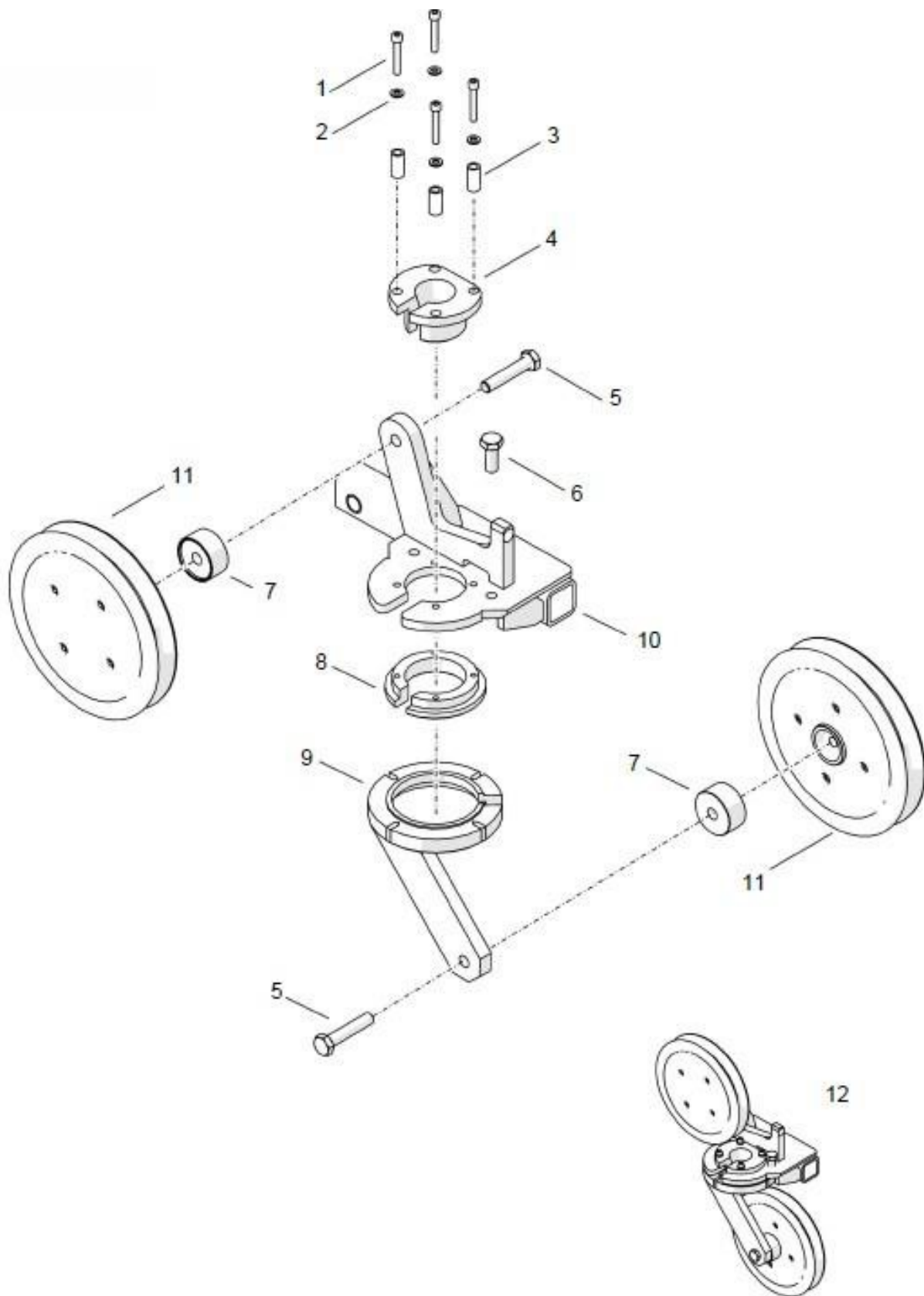


Chassis



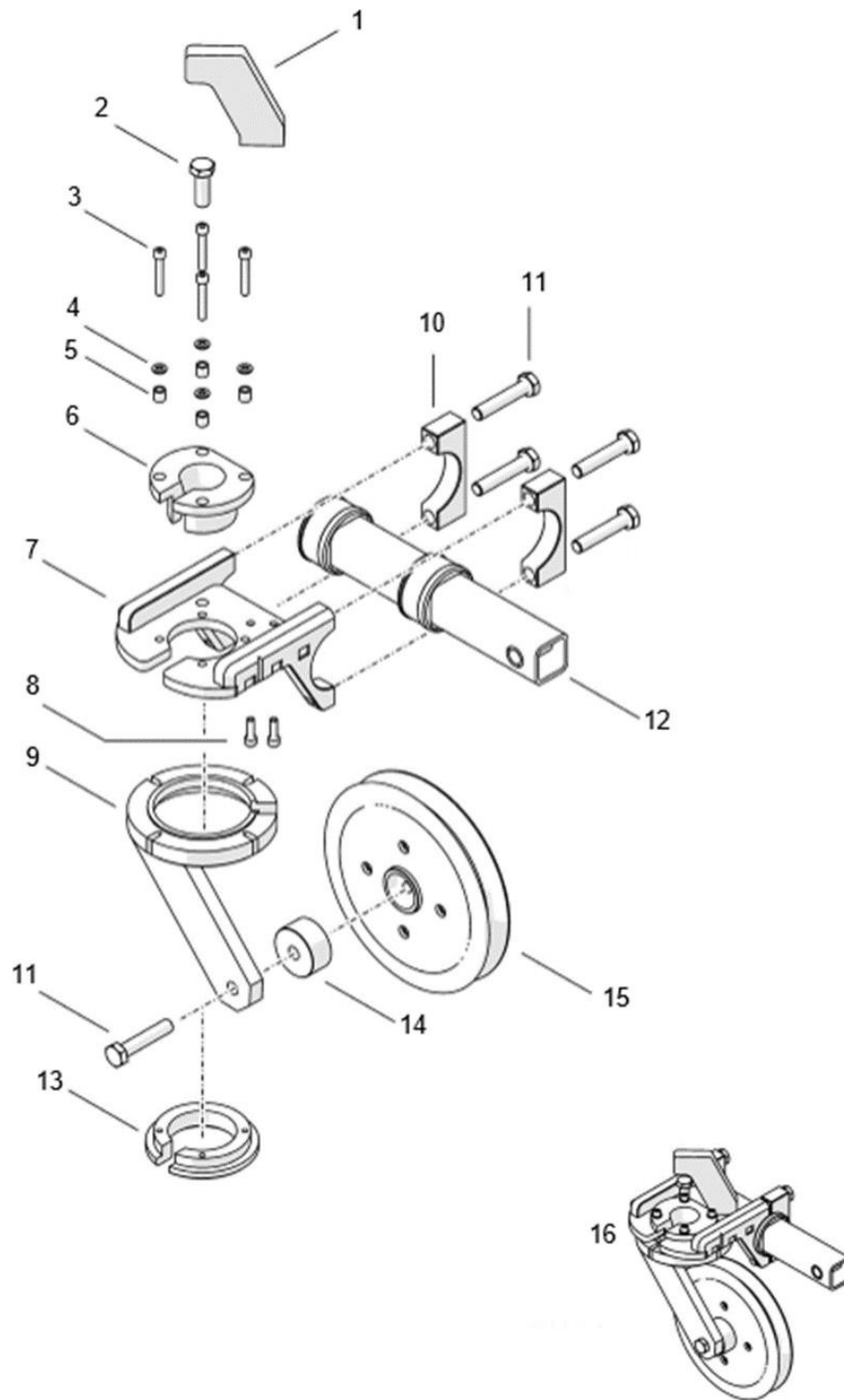
ITEM	DP #	DESCRIPTION
1	3403982	Straight Pin 3H6 X 16
2	3403669	Socket Screw M5X20
3	3401605	Mounting Flange Wcu17
4	3404206	O-Ring 12.00X4.00 N 70
5	3401510	Wheel 260/85/25 Hub 75
6	3401505	Washer Dia25X40X4
7	3401502	Hex. Screw M12X45
8	3401504	Hex.-Screw M12X90
9	3401506	Grooved Nail 4X8
10	3402010	Ty-Hs Type Plate 80X30
11	3404544	Clamping Screw
12	3403143	Long Nut M12
13	3401501	Hex. Screw M12X25
14	3401604	Center Sleeve
15	3403993	Socket Screw M5X25
16	3401516	Cotter Bolt Dia 3.0X60
17	3401603	Guard Deflection Pulley
18	3401561	Distance Bushing Short
19	3401606	Cover
20	3403975	Socket Screw Flhd M5X8
21	4600275	Cap Nut Hex M12
22	3401540	Chassis
23	3401655	Water Distributor
24	3401510	Wheel 260/85/25 Hub 75
25	3401615	Def. Pulley Ø200Mm Pa
26	3401625	Chassis Assembly

Exit Swivel Pulley



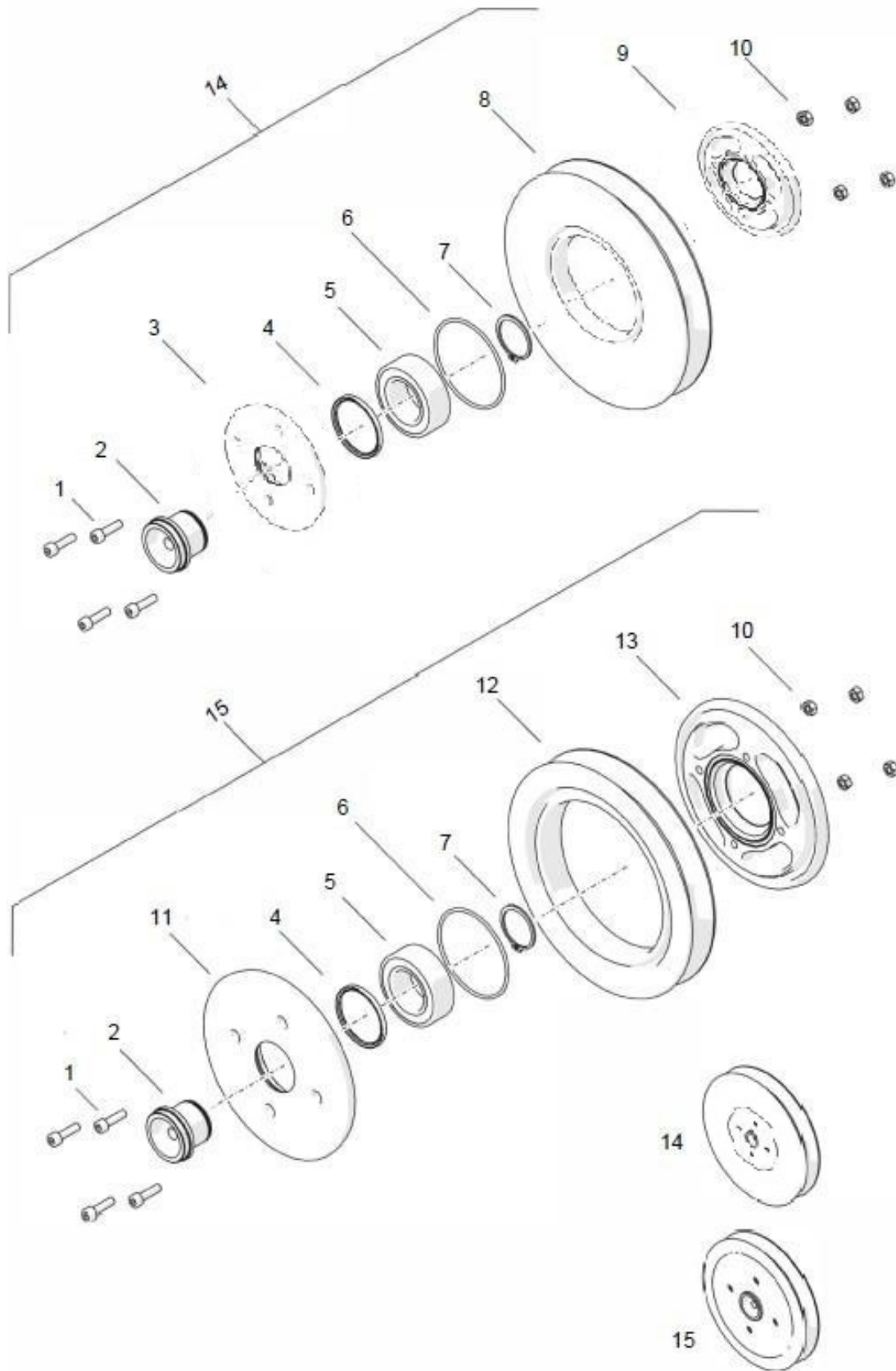
ITEM	DP #		DESCRIPTION
1	3400087		Socket Screw M6X40
2	3401389		Washer M6 6.4/12/1.6
3	3401228		Sleeve
4	3403571		Protection Sleeve
5	3401503		Hex.-Screw M12X60
6	3403479		Hex. Screw M12X30
7	3401560		Distance Bushing, Long
8	3401089		Ring
9	3401088		Swivelling Support
10	3401545		Pulley Support Exit
11	3401554		Def. Pulley Ø200 Standard
12	3401626		Exit Swivel Pulley Assembly

Entry Swivel Pulley



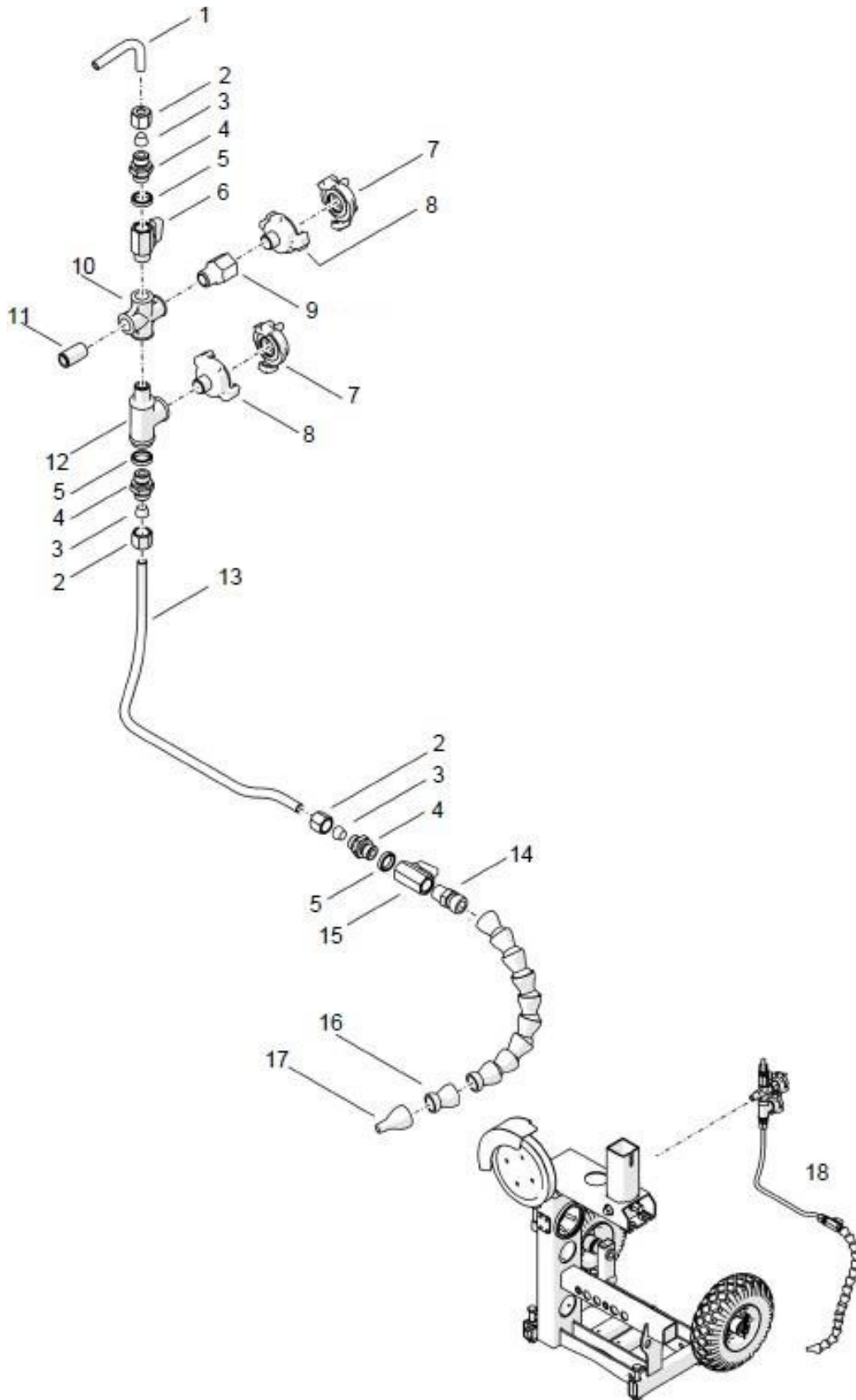
ITEM	DP #		DESCRIPTION
1	3401553		Protection Water Filter
2	3403663		Hex. Screw M12X35
3	3400087		Socket Screw M6X40
4	3401389		Washer M6 6.4/12/1.6
5	3401228		Sleeve
6	3400576		Protection Sleeve
7	3401637		Pulley Support Entry
8	3403487		Socket Screw M6X20
9	3401088		Swivelling Support
10	3401639		Bracket
11	3401503		Hex.-Screw M12X60
12	3401638		Pulley Support Tube Entry
13	3401089		Ring
14	3401560		Distance Bushing Long
15	3401554		Def. Pulley Ø200 Standard
16	3401636		Swivel Pulley Entry Assy

Pulleys



ITEM	DP #	DESCRIPTION
1	3401591	Socket Screw M6X22
2	3401557	Pulley Shaft
3	3401631	Rim Open Ø200Mm
4	3401866	Sealing Ring Dia 45X52X4
5	3400507	Ang. Ball Bear. 3007-2Rs
6	3401518	O-Ring 72.00X2.50 N 70
7	3400857	Circlip Shaft Dia 35
8	3401614	Rubber Lining Ø200 Pa
9	3401632	Rim Closed Ø200Mm
10	2900305	Hexagon Nut M6
11	3401555	Rim Open Ø200Mm
12	3408075	Standard Rubber Lining (Black)
	3401819	Alternative Rubber Lining (Brown)
	3401831	Alternative Rubber Lining (Grey)
13	3401556	Rim Closed Ø200Mm
14	3401615	Def. Pulley Ø200Mm Pa
15	3401554	Def. Pulley Ø200 Standard

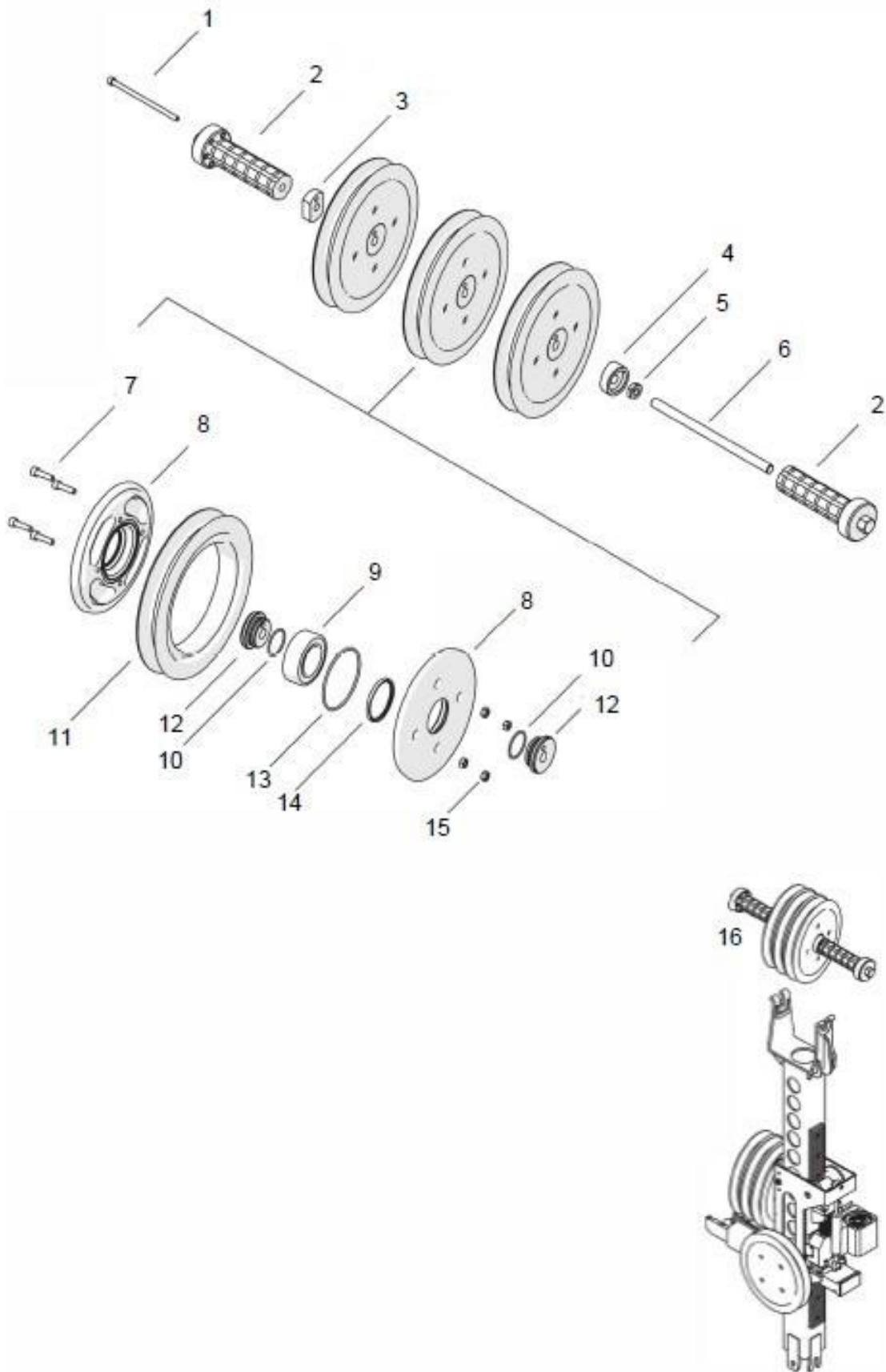
Water Distributor



ITEM	DP #	DESCRIPTION
1	3401578	Tube Water Distribution
2	3402135	Swivel Nut 10L
3	3402134	Cutting Ring Pipe 10
4	3400627	Straight Fitting 3/8-10L
5	3401138	Edge Sealing Ring G3/8
6	3403577	Ball Valve F3/8" M3/8"
7	3401524	Dummy Coupling Geka
8	3401704	Hose Coupling Geka 3/8 A
9	3401616	Toothed Extension Gf 529A 3/8"
10	3403576	Distributor Gf180 3/8"
11	3403575	Pipe Nipple Gf530 3/8X30
12	3404009	F-T Connector 130 3/8'
13	3401539	Tube Water Distr. Bottom
14	3403016	Loc-Line Thread Nipple 3/8"
15	3401633	Ballvalve 3/8"
16	3401175	Loc-Line Link Large
17	3400769	Loc-Line Nozzle 6 Mm 1/2
18	3401655	Water Distributor

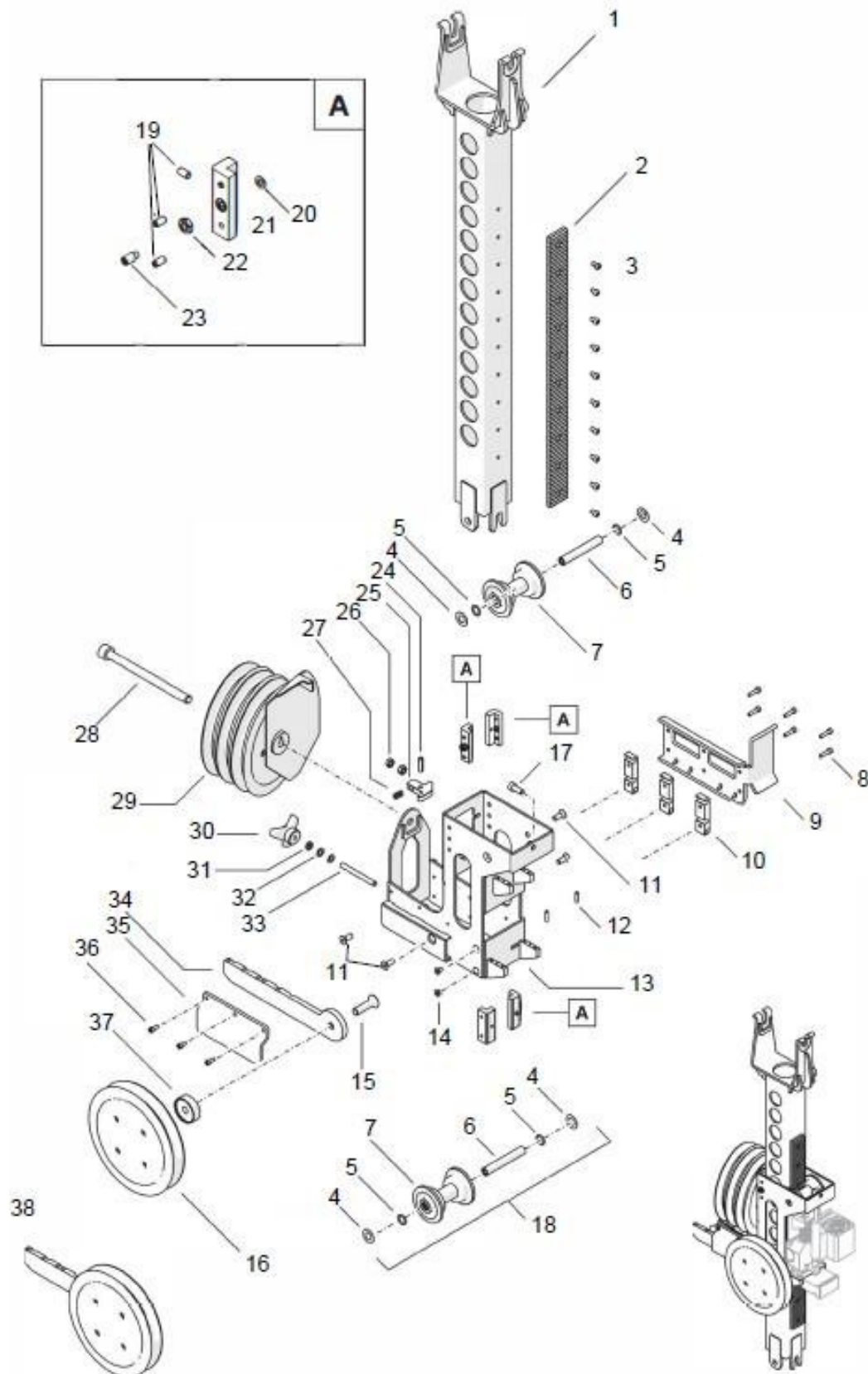
ITEM	DP #	DESCRIPTION
1	3401515	Straight Pin 4M6 X 16
2	3401544	Drive Shaft
3	3401547	Bearing Bush
4	2702791	O-Ring 62.00X1.50 N 70
5	3401866	Sealing Ring Dia 45X52X4
6	3401508	Gr. Ball Bear. 6206-2Rs
7	3402582	Socket Screw M3X10
8	3401599	Shaft Key 8X7X25 Shape C
9	2702792	Cover Rear
10	3403508	Socket Screw Flhd M4X10
11	3401243	Sealing Ring Sk-B
12	3404222	O-Ring 30.00X1.50 N 70
13	3401563	Spacer Ring
14	3403143	Long Nut M12
15	3401593	Bolt
16	3401545	Bearing Support
17	3401519	Threaded Pin M6X8
18	3401245	Screw
19	3402156	Cover Front
20	3400642	Bow-T. Handle Gn-565.1/M6
21	3404404	Socket Screw M6X25
22	3401591	Socket Screw M6X22
23	3401555	Rim Open Ø200Mm
24	3408075	Standard Rubber Lining (Black)
	3401819	Alternative Rubber Lining (Brown)
	3401831	Alternative Rubber Lining (Grey)
25	3401559	Spacer Ring
26	3401518	O-Ring 72.00X2.50 N 70
27	3401558	Sealing Ring
28	3402056	Free-Wheel Csk 30 W/O Key
29	2900305	Hexagon Nut M6
30	3401627	Drive Pulley
31	3401533	Drive Unit Assy

Top Pulley



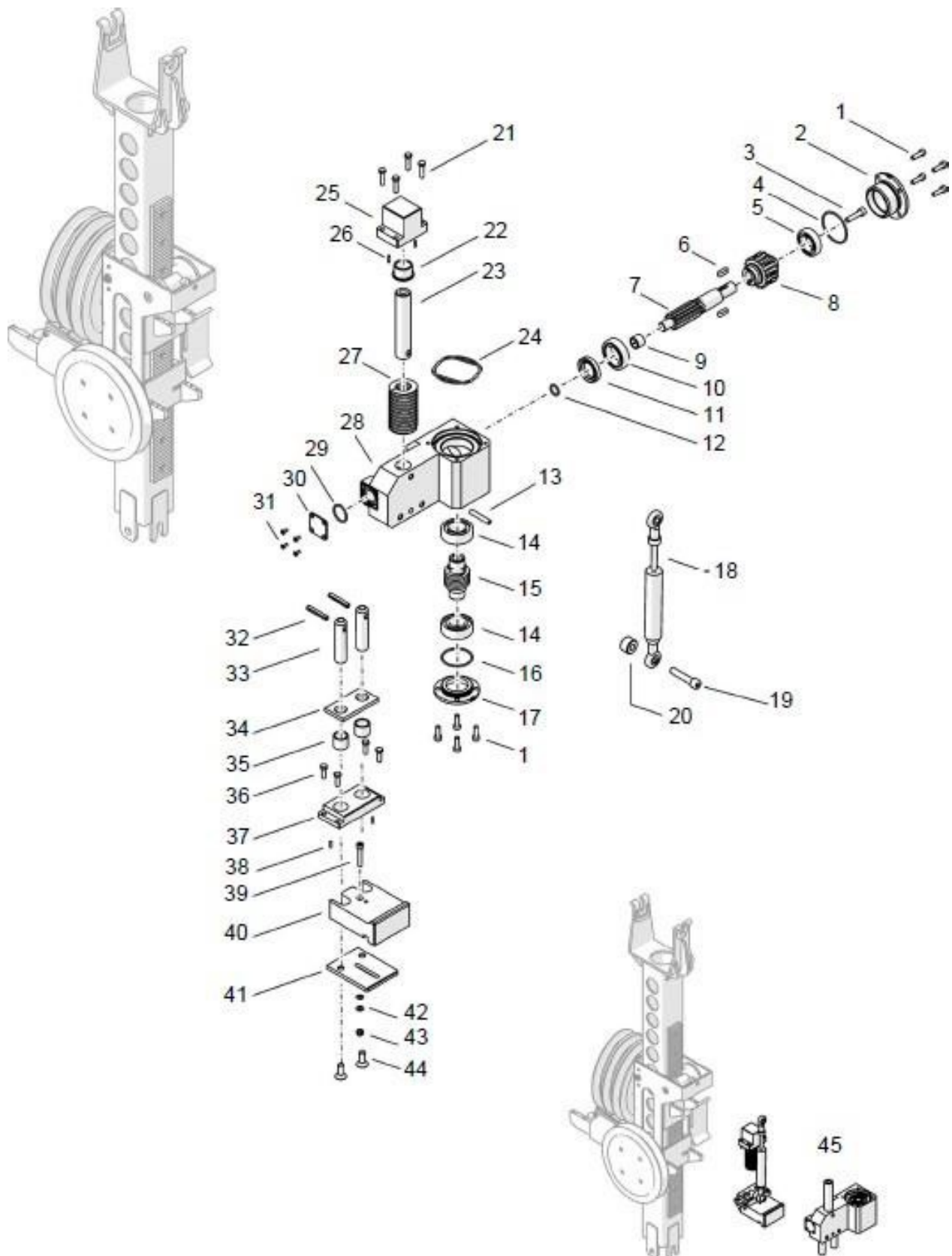
ITEM	DP #	DESCRIPTION
1	3401587	Socket Screw M6X116 Sp.
2	3401568	Handle
3	3401552	Spacer Inclined B
4	3401594	Spacer Inclined D
5	2901386	Hexagon Nut M12 X0.5D
6	3401569	Threaded Rod
7	3401591	Socket Screw M6X22
8	3401555	Rim Open Ø200Mm
9	3400507	Ang. Ball Bear. 3007-2Rs
10	3401600	O-Ring 31.00X2.00 N 70
11	3408075	Standard Rubber Lining (Black)
	3401819	Alternative Rubber Lining (Brown)
	3401831	Alternative Rubber Lining (Grey)
12	3401576	Sleeve Inclined
13	3401518	O-Ring 72.00X2.50 N 70
14	3401866	Sealing Ring Dia 45X52X4
15	2900305	Hexagon Nut M6
16	3401629	Defl. Pulley Assy Top

Feed Unit



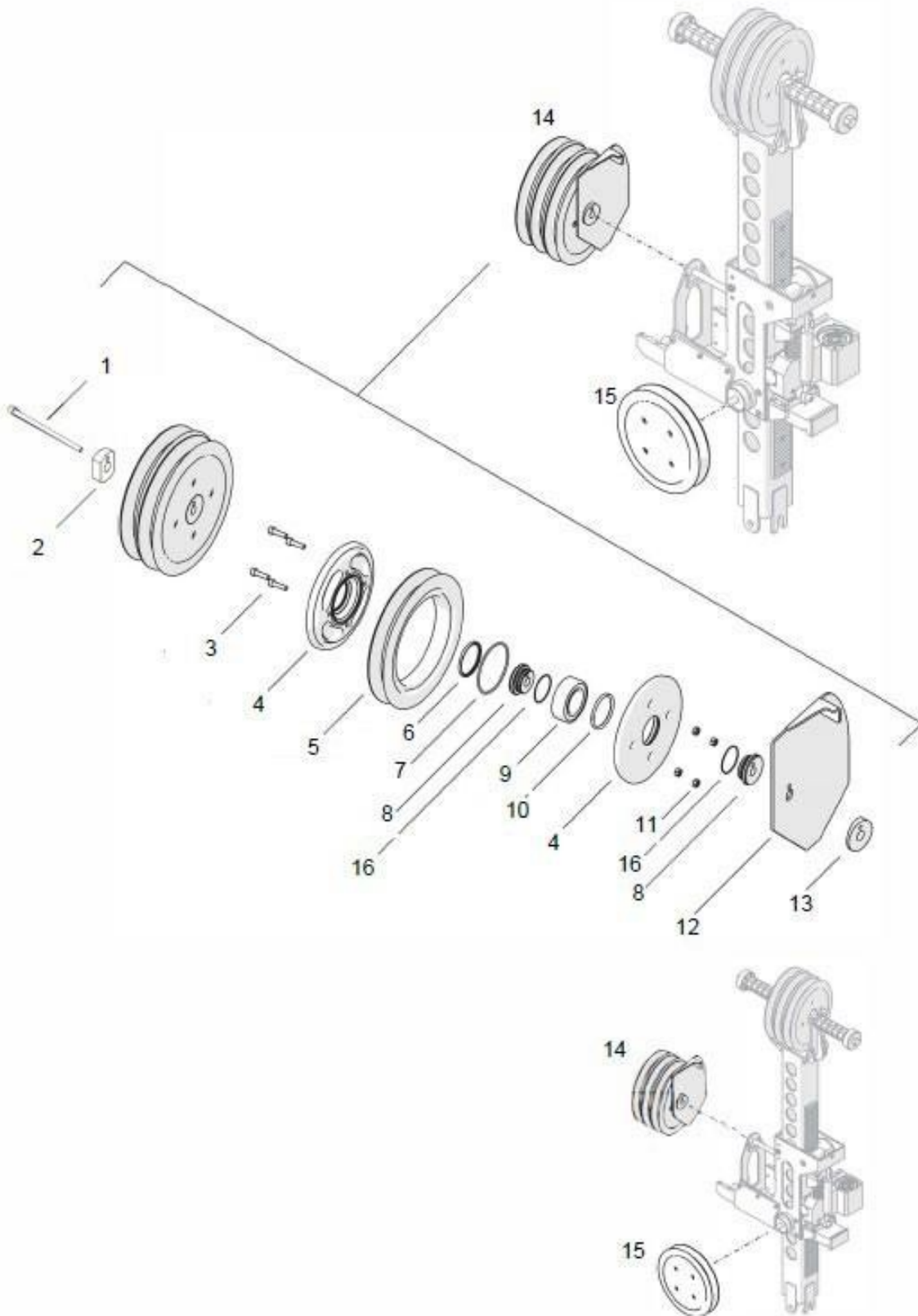
ITEM	DP #	DESCRIPTION
1	3401541	Guide Tube
2	3401570	Toothed Rack
3	3403564	Socket Screw Flhd M6X10
4	3401522	Dist. Washer Dm 14/26X0.5
5	3401532	O-Ring 14.00X2.50 N 70
6	3401549	Shaft
7	3401551	Guide Roller
8	3403669	Socket Screw M5X20
9	3401573	Tube Protection Plate
10	3401572	Bracket
11	3401499	Countersunk Screw M8X20
12	3401517	Rollpin Tooth.Slot 2.5X10
13	3401542	Carriage
14	3401620	Countersunk Screw M6X10
15	3401530	Countersunk Screw M12X45
16	3401554	Def. Pulley Ø200 Standard
17	3401917	Socket Screw M8X20
18	3401550	Guide Roller Assy
19	3401609	Set Screw M6X12
20	3401523	Shim Ring Dia 6/12X1.0
21	3401543	Sliding Block
22	3403736	Hexagon Nut M8 X0.5D
23	3401513	Threaded Pin M8X16
24	3403477	Rollpin Tooth.Slot 5X20
25	3401607	Clamping Lever Wcu17
26	3403021	Hexagon Nut M8
27	3401611	Pr. Spring Dm6.3/1.0X14.5
28	3401562	Socket Screw M12X140
29	3401628	Defl. Pulley Assy Ø200
30	4600257	Star Knob M8
31	3403736	Hexagon Nut M8 X0.5D
32	3401507	Disk Spring Dia15/8,2/0,8
33	3401610	Threaded Bolt M8X80
34	3401548	Adjustable Holder
35	3401602	Guard Sheet
36	3401858	Socket Screw M5X12
37	3401561	Distance Bush Short
38	3401652	Adjustment Pulley

Feed Gear



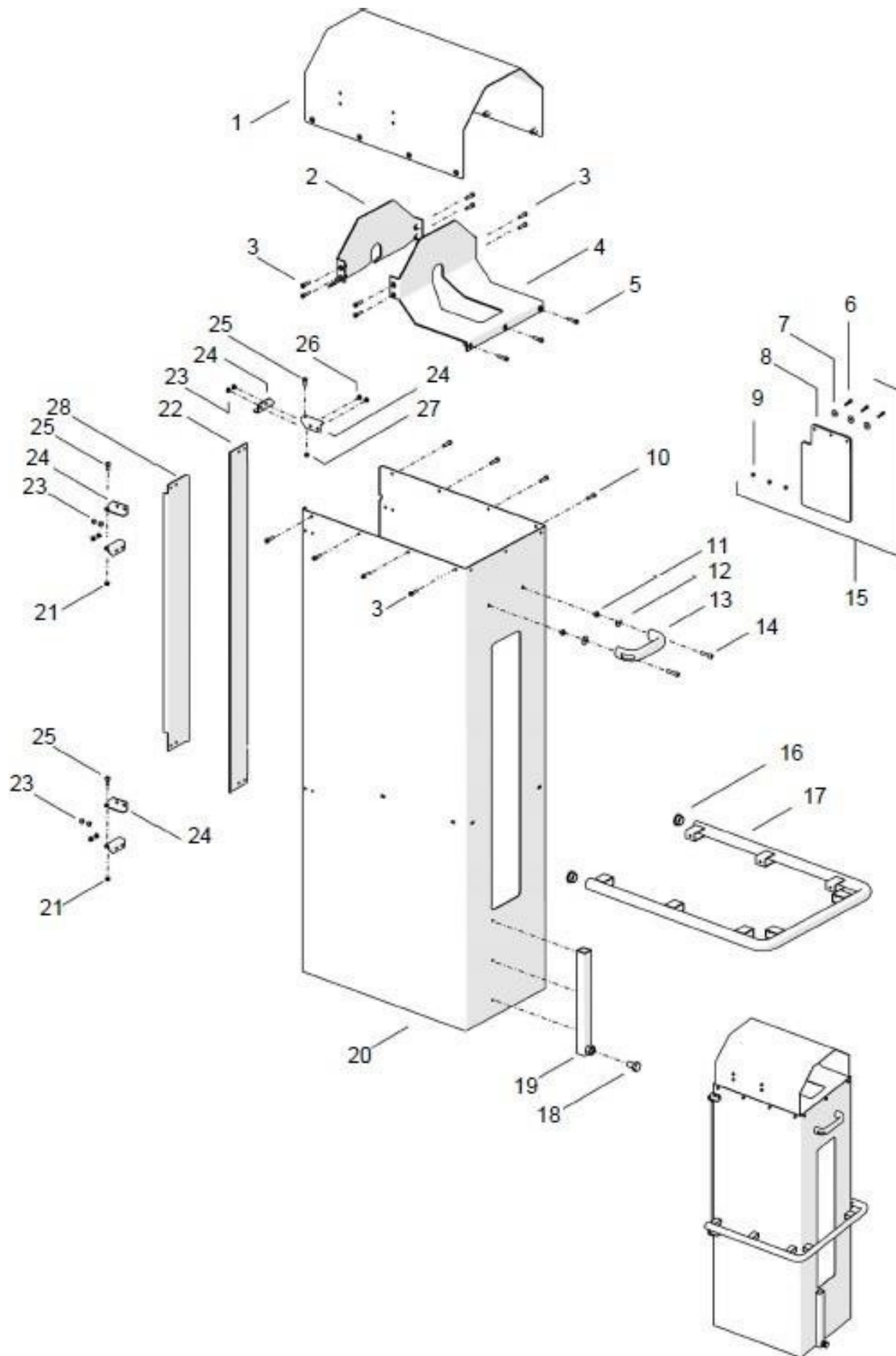
ITEM	DP #	DESCRIPTION
1	3400347	Socket Screw M5X16
2	3401579	Bearing Cover
3	3404404	Socket Screw M6X25
4	3404257	O-Ring 42.00X2.00 N 70
5	3401525	Grooved Ball Bearing 6904
6	3401511	Shaft Key 5X5X16
7	3401535	Drive Pinion
8	3401621	Worm Wheel
9	3404242	Bear. Bush Bp25 12/16X12
10	3401526	Grooved Ball Bearing 6905
11	3401529	Sh.Seal A 20/35/6 Nbr Rf
12	3401509	O-Ring 12.00X2.00 N 70
13	3401521	Rollpin Tooth.Slot 6X35
14	3401528	Angular Ball Bearing 7004
15	3401622	Worm Gear
16	3404201	O-Ring 38.00X2.00 N 70
17	3401580	Bearing Cover Bottom
18	3401588	Brake Cyl Cn-22-40 50N
19	3401497	Socket Screw M8X40
20	3401575	Distance Bush
21	3401520	Hex. Screw M5X20
22	3401581	Fl. Slide Bear. 20/24X16
23	3401537	Guidance Long
24	3401619	O-Ring 57.00X2.00 N 70
25	3401534	Spring Support Top
26	3401517	Rollpin Tooth.Slot 2.5X10
27	3401574	Spring Heavy 40/20X64
28	3401538	Gear Housing
29	3403373	O-Ring 22.00X2.00 N 70
30	3401601	Bearing Cover
31	3404357	Countersunk Screw M3X8
32	3401521	Rollpin Tooth.Slot 6X35
33	3401536	Guidance Short
34	3401564	Damping Plate
35	3401582	Slide Bearing 16/20X16
36	3404221	Hex. screw M5x16
37	3401571	Bottom Bearing Plate
38	3401517	Rollpin tooth.slot 2.5x10
39	3403670	Socket screw M5x30
40	3401597	Slider
41	3401598	Slider guidance
42	3401527	Disc spring Ø10/5.2x0.5
43	3403673	Lock nut M5 thin head
44	3401499	Countersunk screw M8x20
45	3401654	Feed gear

Deflect Pulley



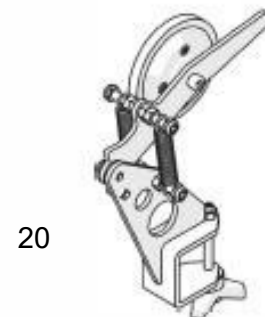
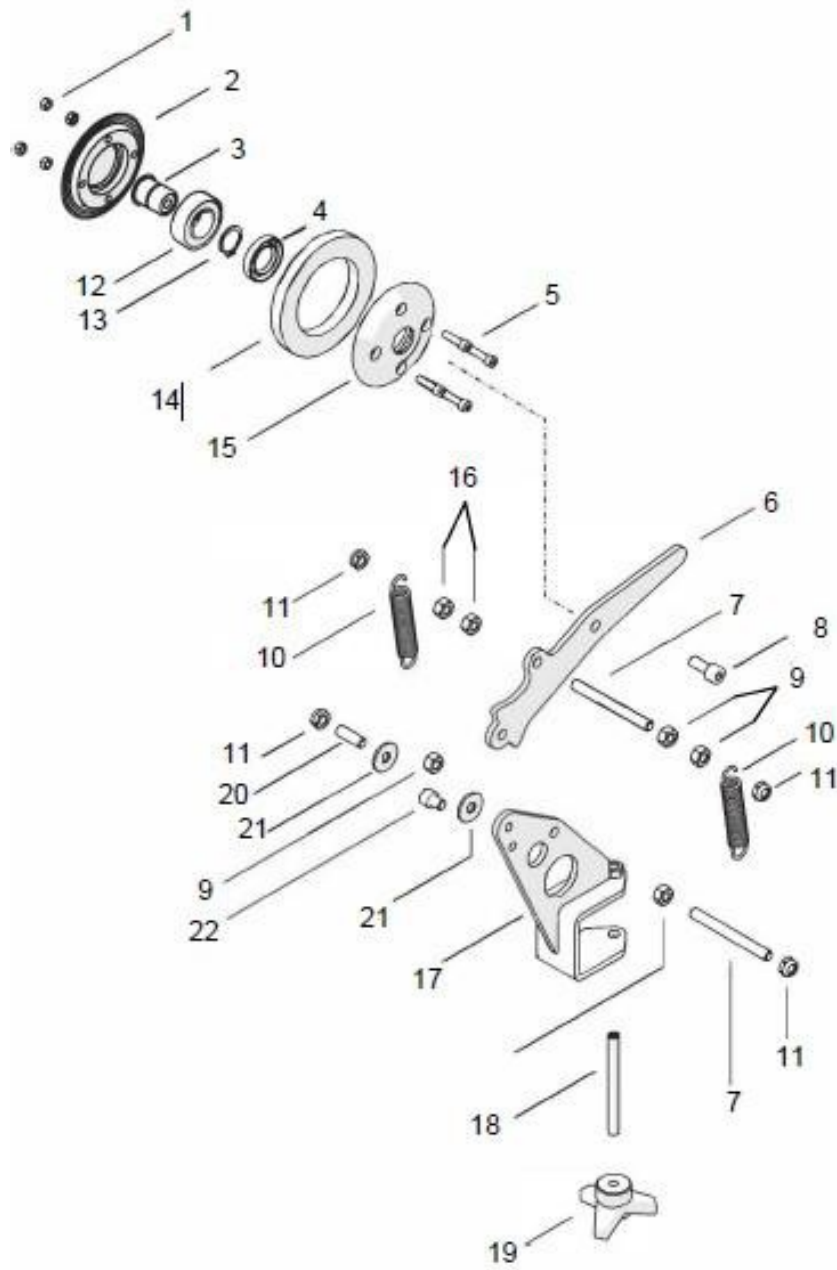
ITEM	DP #	DESCRIPTION
1	3401587	Socket Screw M6X116 Sp.
2	3401592	Spacer Inclined C
3	3401591	Socket Screw M6X22
4	3401555	Rim Open Ø200Mm
5	3401630	Rubber Lining 200 Pur70
6	3401866	Sealing Ring Dia 45X52X4
7	3401518	O-Ring 72.00X2.50 N 70
8	3401576	Sleeve Inclined
9	3400507	Ang. Ball Bear. 3007-2Rs
10	3401866	Sealing Ring Dia 45X52X4
11	2900305	Hexagon Nut M6
12	3401612	Guard Plate
13	3401613	Spacer Inclined A
14	3401628	Defl. Pulley Assy Ø200
15	3401554	Def. Pulley Ø200 Standard

Hood



ITEM	DP #	DESCRIPTION
1	3401566	Hood Cover
2	3401567	Prot. Support
3	3401635	Lensh.Screw Inex+FI M5X12
4	3401656	Guard Sheet
5	3401635	Lensh.Screw Inex+FI M5X12
6	3400347	Socket Screw M5X16
7	3401623	Washer 5.3/20/1.5
8	3401649	Rubber Flap
9	3403673	Lock Nut M5 Thin Head
10	3401635	Lensh.Screw Inex+FI M5X12
11	2900305	Hexagon Nut M6
12	3401514	Washer M6 6.4/18/1.6
13	3400642	Bow-T. Handle Gn-565.1/M6
14	3404404	Socket Screw M6X25
15	3401708	Rework Proteck Flap Cpl.
16	3401589	Sealing Plug Dia 25
17	3401595	Handrail
18	3404012	Hex. Screw M12X20
19	3401584	Support
20	3401565	Hood
21	3403673	Lock Nut M5 Thin Head
22	3401585	Cover Sheet Rear Left
23	3401531	Blind Rivet Dia 4.8/L10.5
24	3401583	Hinge
25	3401858	Socket Screw M5X12
26	3401531	Blind Rivet Dia 4.8/L10.5
27	3403673	Lock Nut M5 Thin Head

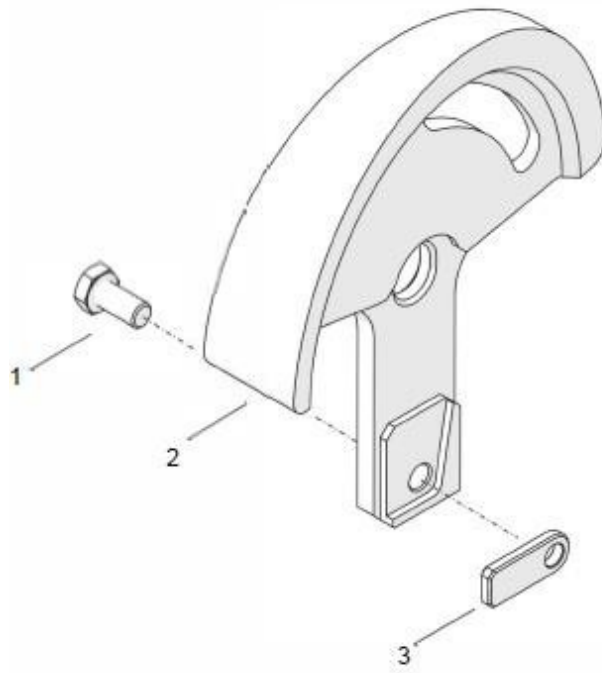
Draw Roll



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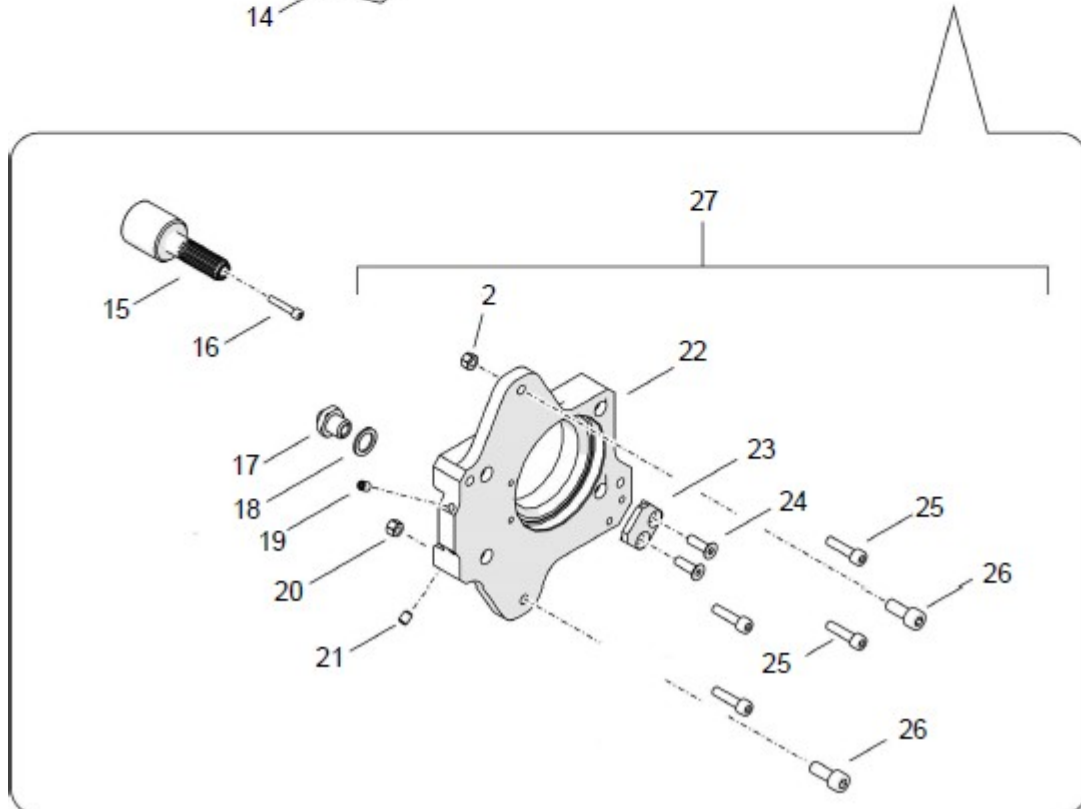
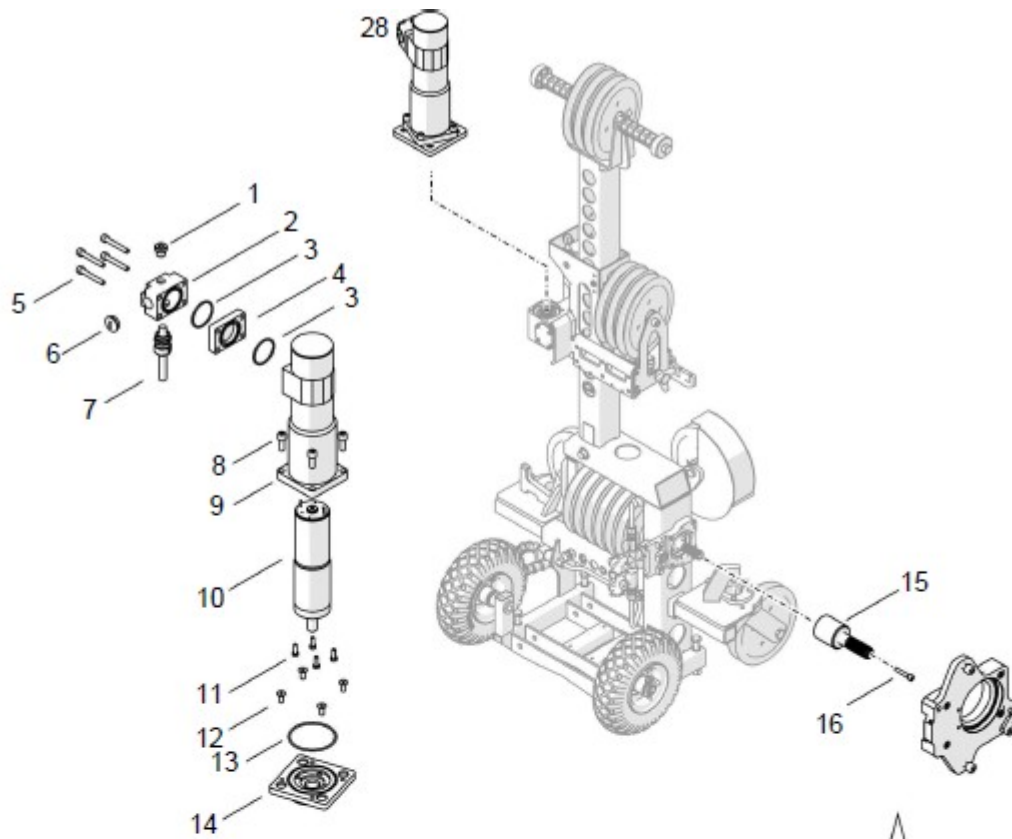
ITEM	DP #	DESCRIPTION
1	3401500	Hexagon Nut M5
2	3401643	Rim Closed
3	3401641	Shaft
4	3401529	Sh.Seal A 20/35/6 Nbr Rf
5	3403669	Socket Screw M5X20
6	3401640	Lever
7	3401610	Threaded Bolt M8X80
8	3401917	Socket Screw M8X20
9	3403021	Hexagon Nut M8
10	3401648	Tension Spring Ø15X74X2.2
11	3401956	Lock Nut M8 Thin Head
12	3401512	Gr. Ball Bear. 6004-2Rs
13	3401188	Circlip Shaft Dia 20
14	3401644	Rubber Lining
15	3401647	Rim Open
16	3403021	Hexagon Nut M8
17	3401642	Support
18	3401645	Threaded Bolt M8X90
19	4600257	Star Knob M8
20	3401712	Draw Roll Assembly

Wire Protector



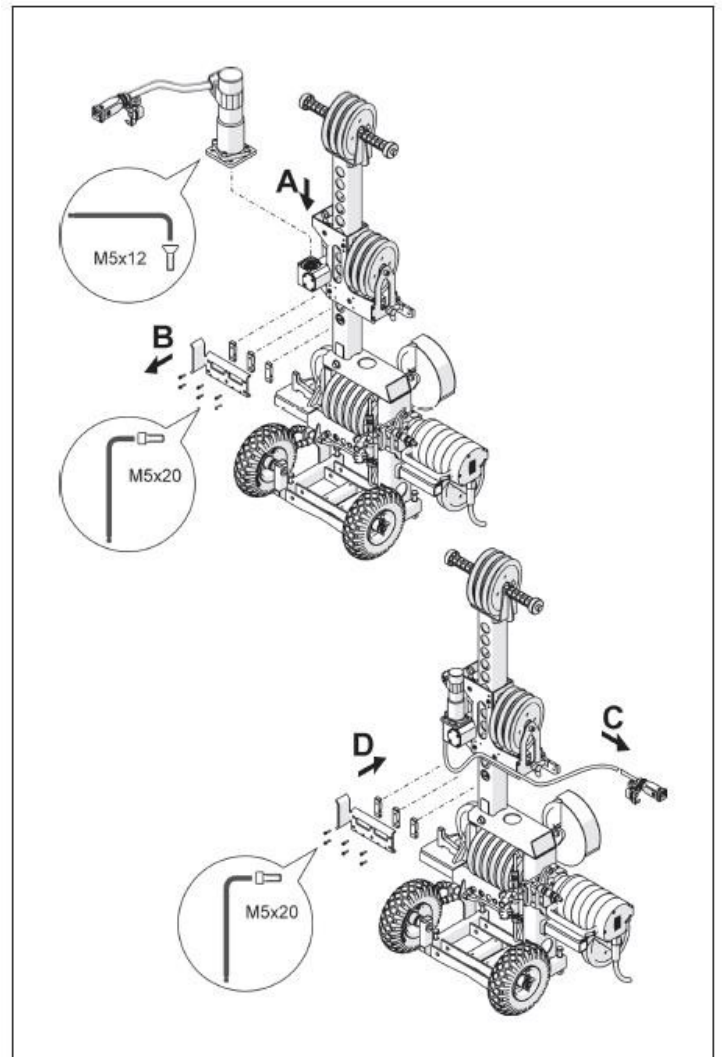
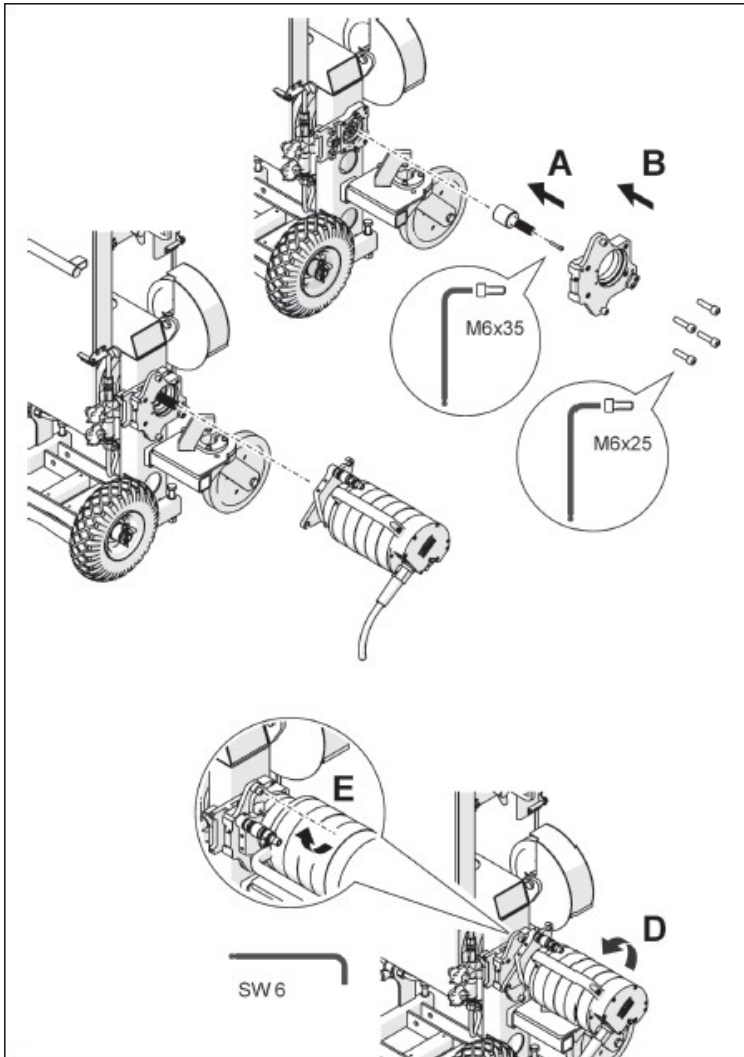
ITEM	DP #		DESCRIPTION
1	3401501		Hex. Screw M12X25
2	3401657		Wire Protection Pulley
3	3401658		Strap Wire Protection

WSE1217 Motor



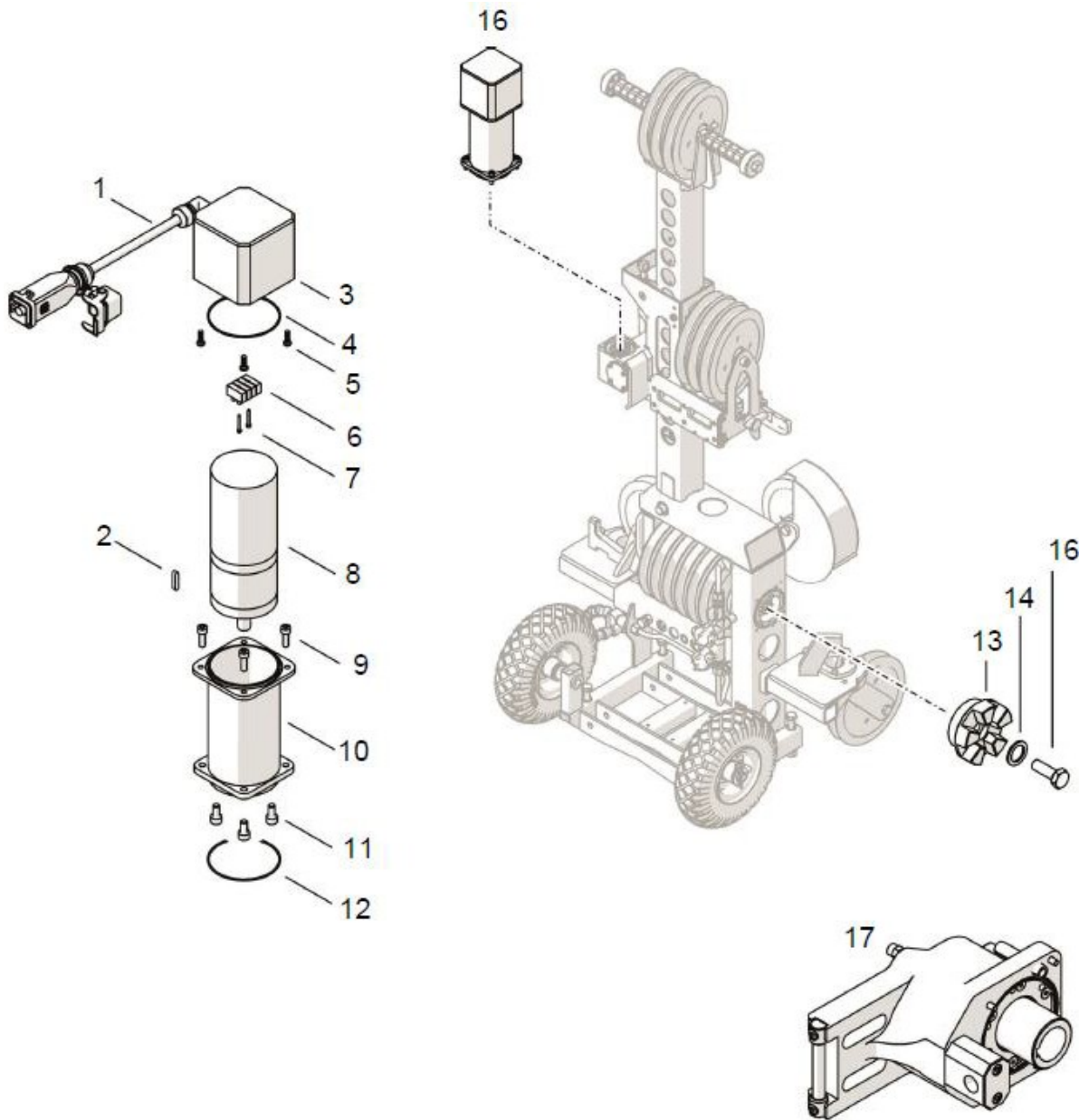
ITEM	DP #		DESCRIPTION
1	3401685		Plug screw M10x1
2	3401681		Cover feed motor WX
3	3403309		O-Ring 30.00x2.00 N 70
4	3401683		Sealing cover
5	3404022		Socket screw M5x35
6	3403724		Drain plug M16x1.5
7	3401691		Motor cab.feed WCU17/1217
8	3400693		Socket screw M6x16
9	3401686		Feed housing SK-B WX
10	3401684		Motor/gearbox 150W i=36
11	3403919		Socket screw flhd M4x12
12	3403838		Countersunk screw M5x12
13	3403301		O-Ring 52.00x2.00 N 70
14	3401690		Flange feed motor
15	3401689		Coupling shaft
16	3400579		Socket screw M6x35
17	3401682		Water nozzle
18	3402099		Copper seal G1/4
19	3401519		Threaded pin M6x8
20	3401956		Lock nut M8 thin head
21	3401519		Threaded pin M6x8
22	3401688		Motor plate
23	3401687		Motor arrestor rework
24	3403839		Countersunk screw M6x20
25	3404404		Socket screw M6x25
26	3403672		Socket screw M8x30
27	3401707		Mounting plate WSE1217
28	3401706		Feed motor 1217 WCU17

Mounting 1217 Main Motor and Electric Feed Motor



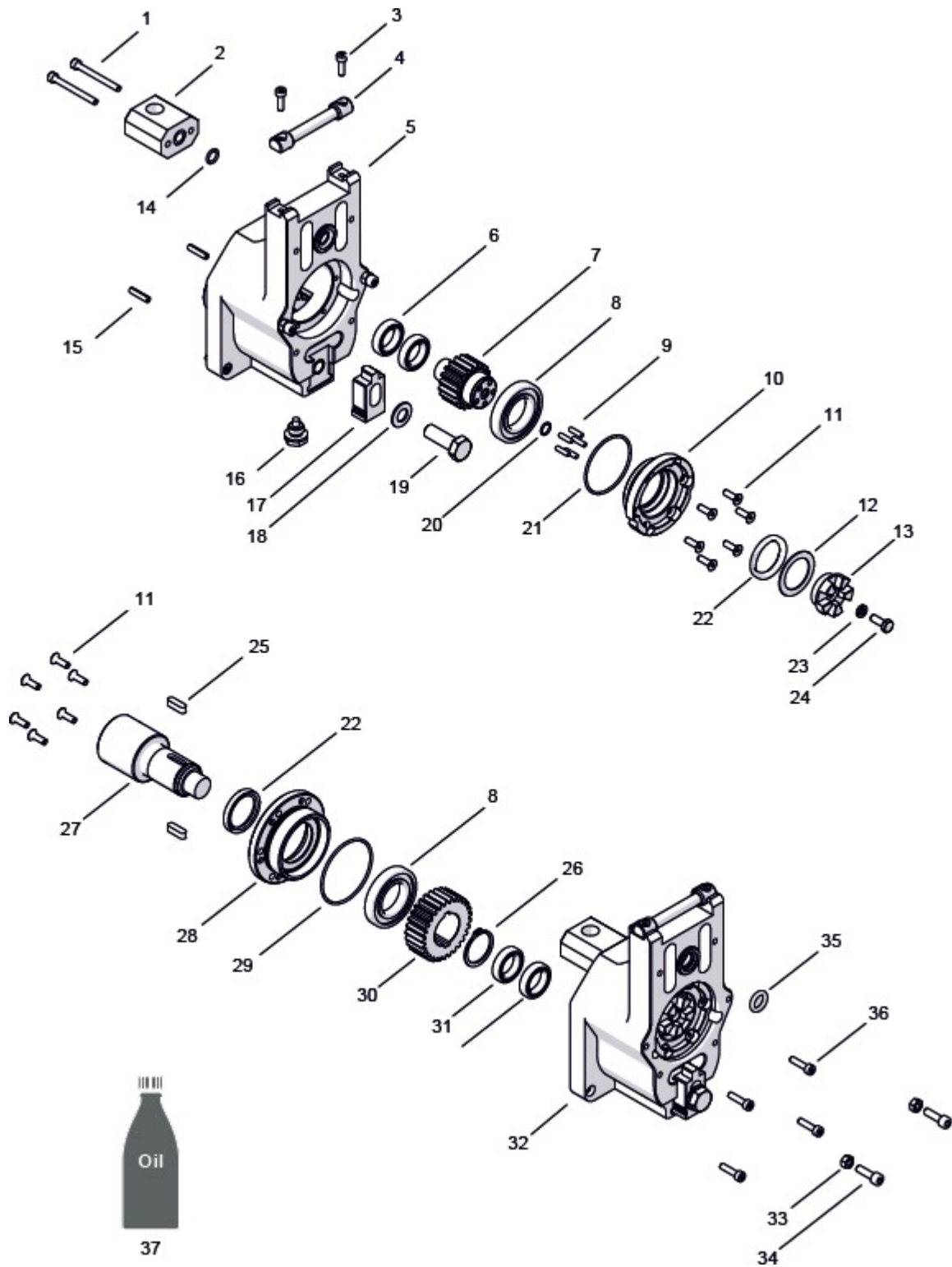
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WSE1621 Motor



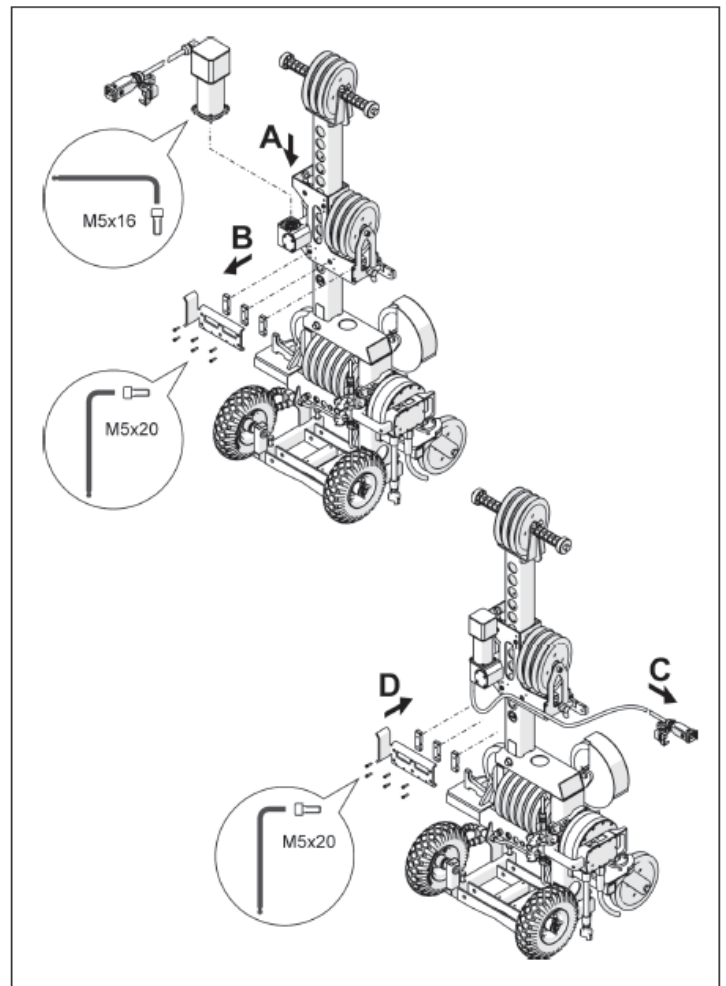
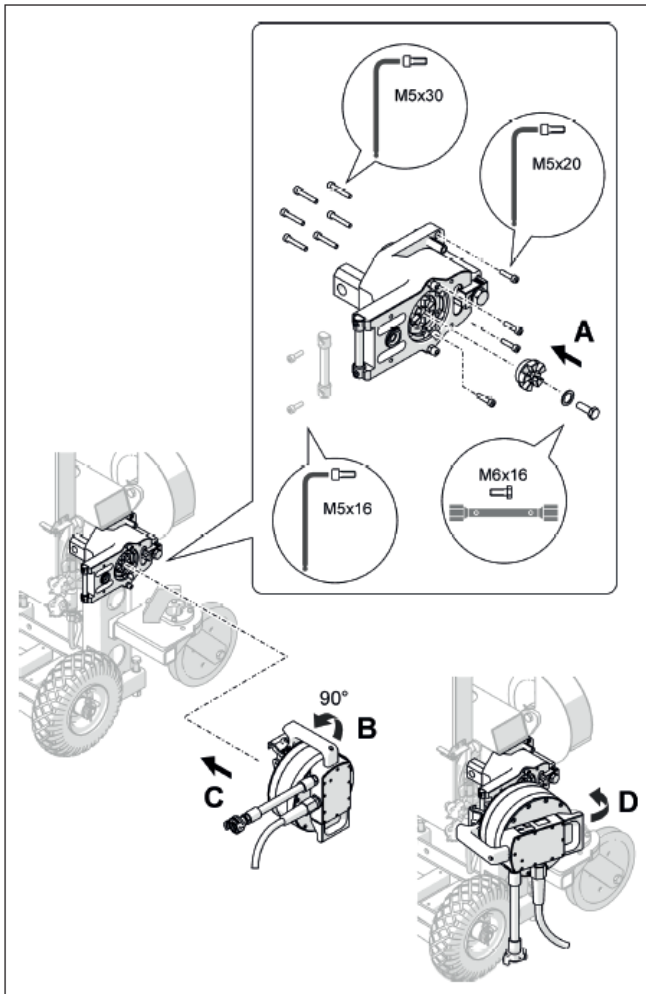
ITEM	DP #	DESCRIPTION
1	3401664	Motor cab.feed WCU17/1621
2	3401659	Shaft key 4x4x20
3	3401661	Motor cover
4	3401660	O-ring 63.00x1.50 N70
5	3402228	PT-screw K40x12 lens A2
6	3403816	Terminal block 4pole/1mm ²
7	3404359	Socket screw M2x16 12.9
8	3401662	Gear mot. 140W 36V i=42
9	3400347	Socket screw M5x16
10	3401663	Motor guard tube
11	3402011	Socket screw M6x12
12	3401651	O-Ring 57.00x2.00 N 70
13	3404316	Claw coupling
14	3404325	Washer Nord-Lock M6
15	3404260	Hex. screw M6x16
16	3401577	Feed motor 1621 WCU17
17	3400715	Gear WCU17

WSE1621 Gearbox



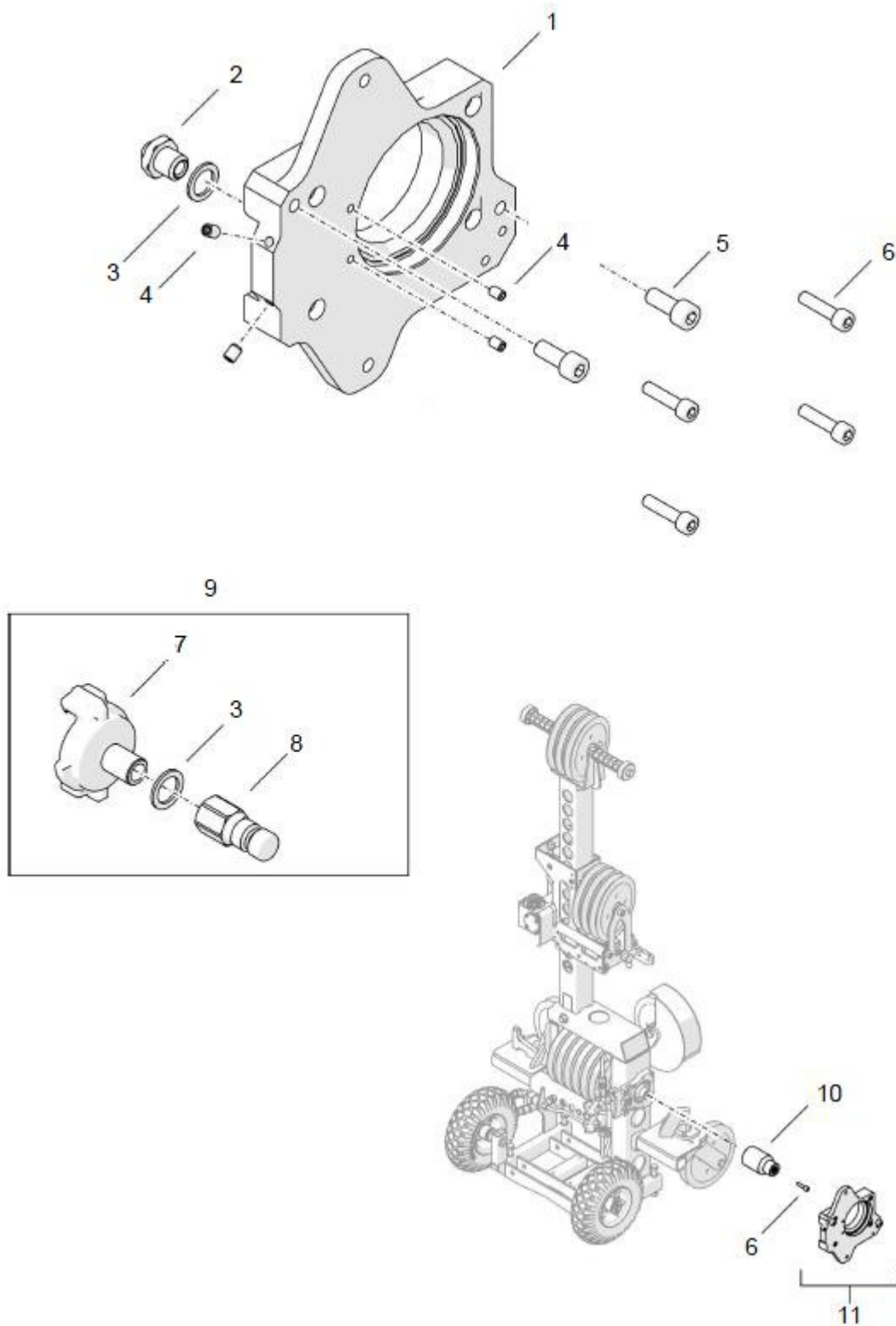
ITEM	DP #	DESCRIPTION
1	3403505	Socket screw M5x50
2	3401676	Water connector
3	3400347	Socket screw M5x16
4	3404294	Crossbar
5	3401670	Gearbox
6	3401667	Grooved ball bear. 61804
7	3401671	Gear z19
8	3404347	Grooved ball bear. 16006
9	3401678	Straight Pin M6x15
10	3401672	Bearing cover
11	3402111	Countersunk screw M5x16
12	3404306	Protecting ring
13	3404316	Claw coupling
14	3404337	O-ring 10.00x2.00 N 70
15	3401669	Coiled spring pin 3x16 hy
16	3401665	Drain plug w.magnet 1/4
17	3401677	Clamping bracket
18	3401668	Spring disc dia23/12x1.5
19	3403663	Hex. screw M12x35
20	3404200	O-ring 9.00x1.50 N 70
21	3403301	O-ring 52.00x2.00 N 70
22	3401666	Shaft seal A 30/40/5 NBR
23	3404325	Washer Nord-Lock M6
24	3404260	Hex. screw M6x16
25	3403472	Shaft key 6x6x20
26	3400178	Circlip shaft dia 30
27	3401674	Drive shaft
28	3401675	Bearing cover
29	3401679	O-ring 58.00x2.00 N 70
30	3401673	Gear z29
31	3401667	Grooved ball bear. 61804
32	3401670	Gearbox
33	2900305	Hexagon nut M6
34	3403487	Socket screw M6x20
35	3404206	O-ring 12.00x4.00 N 70
36	3403669	Socket screw M5x20
37	3402612	Gear oil

Mounting 1621 Main Motor and Electric Feed Motor



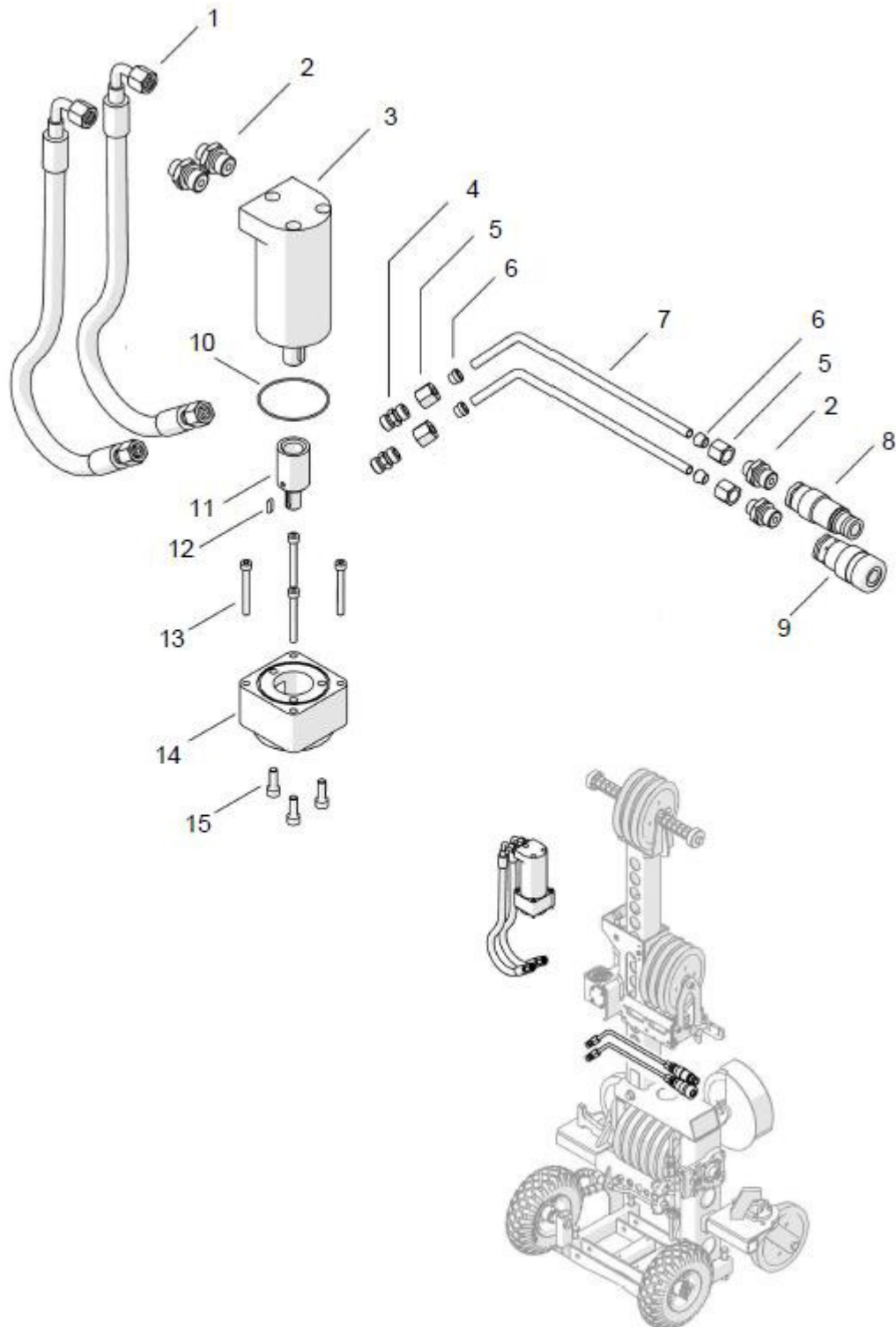
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Hydraulic Motor Mounting Plate



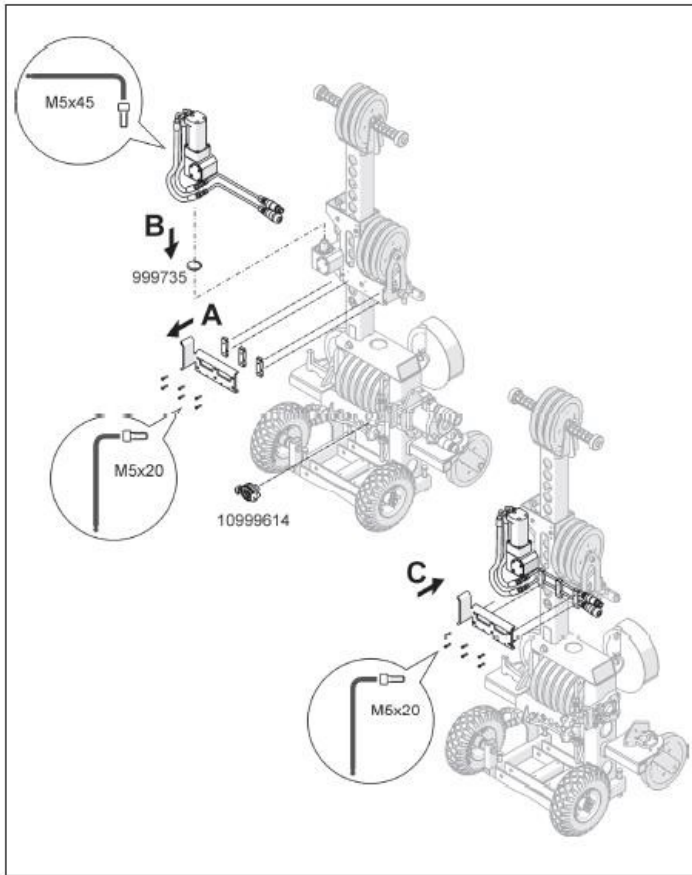
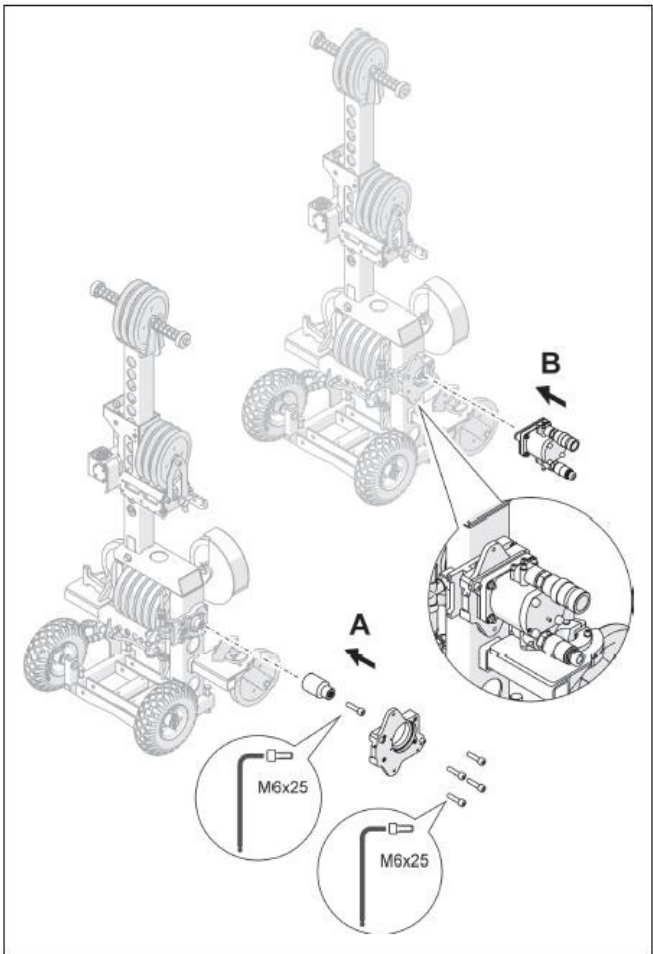
ITEM	DP #		DESCRIPTION
1	3401688		Motor plate
2	3404392		Water nozzle
3	3402099		Copper seal G1/4
4	3401519		Threaded pin M6x8
5	3401917		Socket screw M8x20
6	3404404		Socket screw M6x25
7	3402597		Hose coupling GEKA 1/4 A
8	3400426		Quick rel. nipple 1/4 f
9	3401698		Water coupling
10	3401696		Coupling shaft
11	3401697		Mounting plate Hydraulic

Hydraulic Motor



ITEM	DP #	DESCRIPTION
1	3401699	Hose No. 069
2	3404008	Straight fitting 3/8-08L
3	3401709	Hydraulic motor 20ccm
4	3401700	Str. fitting 8L
5	3401174	Swivel nut 08 L
6	3403524	Cutting ring pipe 08
7	3401701	Hydraulic tube
8	3401032	Nipple 3/8"
9	3401031	Coupling 3/8"
10	3401694	O-Ring 54.00x1.50 N 70
11	3401703	Hydr. gear clutch
12	3401693	Shaft key 4x4x16
13	3404023	Socket screw M5x45
14	3401702	hydraulic motor Flange
15	3403833	Socket screw M6x18

Mounting Hydraulic Drive Motor and Hydraulic Feed Motor



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EQUIPMENT AND PARTS WARRANTY

Diamond Products warrants all equipment manufactured by it against defects in workmanship or materials for a period of one (1) year from the date of shipment to Customer.

The responsibility of Diamond Products under this Warranty is limited to replacement or repair of defective parts at Diamond Products' Elyria, Ohio factory, or at a point designated by it, of such parts as shall appear to us upon inspection at such parts, to have been defective in material or workmanship, with expense for transportation and labor borne by Customer.

In no event shall Diamond Products be liable for consequential or incidental damages arising out of the failure of any Product to operate properly.

Integral units such as engines, electric motors, batteries, transmissions, etc., are excluded from this Warranty and are subject to the prime manufacturer's warranty.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND ALL SUCH OTHER WARRANTIES ARE HEREBY DISCLAIMED.



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