



Parts Manual

Serial Number Range

GR-20J

from SN GRJ10-101

GR-26J

Part No. 133592

Rev C4

July 2013

Technical Publications

Terex has endeavored to deliver the highest degree of accuracy possible. However, continuous improvement of our products is a Terex policy. Therefore, product specifications are subject to change without notice.

Readers are encouraged to notify Terex of errors and send in suggestions for improvement. All communications will be carefully considered for future printings of this and all other manuals.

Contact Us:

<http://www.genieindustries.com>

e-mail: awp.techpub@terex.com

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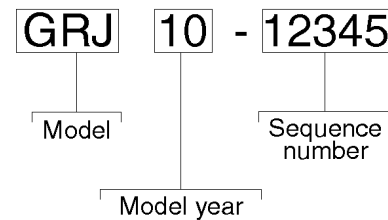
Model: GR26J
 Serial number: GRJ10-101
 Model year: 2010 Manufacture date: 09/15/10
 Electrical schematic number: Es0525
 Machine unladen weight : 5,842 / 2,650kg
 Maximum allowable inclination of the chassis:
 2°
 Gradeability: 25%
 Rated work load (including occupants) :
 200 kg
 Maximum platform Height: 7.9 m
 Maximum platform Reach : 2.65 m
 Outdoor rating:
 Maximum allowable side force: 200 N
 Maximum wind speed : 12.5 m/s
 Maximum number of platform occupants: 1
 Indoor rating:
 Maximum allowable side force: 400N
 Maximum wind speed : 0
 Maximum number of platform occupants: 2
 Nominal Power: 3 kW
 Country of Manufacture: FRANCE

Manufacturer: European Representative:
 Genie Industries Genie UK LTD
 18340 NE 78th Street The Maltings
 Redmond, WA 98052 USA Wharf Road, Grantham, Lin
 NG31 6BH United Kingdom

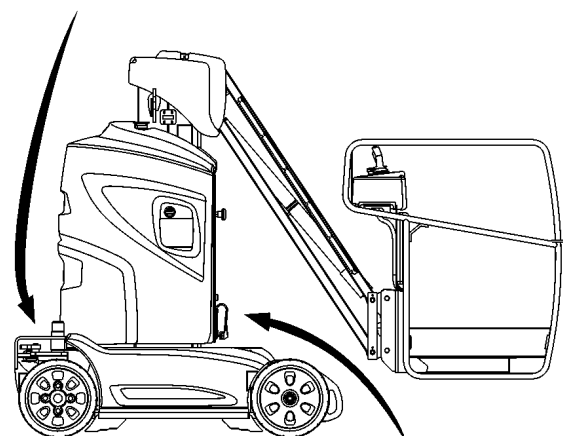
This machine complies with:
 EN 280



P/N 77055



Serial number
(stamped on chassis)



Serial label

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This manual is updated frequently. If you have a printed manual, you can keep it up to date by downloading new figures from the Genie website at www.genielift.com. For the most up-to-date parts information, visit the Parts Lookup System on the Genie website at www.genielift.com.

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Electronic Version

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Notes

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Required Parts

The following parts are required to perform maintenance procedures as outlined in the *Genie GR-20J and GR-26J Service Manual*.

Description	Part No.
Filter Element	T110375
Dielectric Grease	66399

Recommended Parts

Description	Part No.
Genie Blue Paint, 1 Gallon	32150
Genie Blue Paint, 12 Ounce Aerosol	1484
Genie Gray Paint, 1 Gallon	32151
Genie Gray Paint, 12 Ounce Aerosol	1268

Manuals

Genie Industries offers the following support documents for these models:

Title	Part No.
Genie GR-20J and GR-26J Operator's Manual	T110457
EMI Safety Manual	27581
Manual of Responsibilities ANSI A92.6	44163

How To Order Parts

Please be prepared with the following information when ordering replacement parts for your Terex or Genie product:

- ☒ Machine model number
- ☒ Machine serial number
- ☒ Part number
- ☒ Part description and quantity
- ☒ Purchase order number
- ☒ "Ship to" address
- ☒ Desired method of shipment
- ☒ Name and telephone number of the authorized distributor in your area

Use the Service Parts Fax Order Form on the next page and fax your order to our Parts Department.

If you don't know the name of your authorized distributor, or if your area is not currently serviced by an authorized distributor, please call Terex or Genie Industries.

North America

Telephone (425) 556-6551
Toll Free (877) 367-5606 in U.S.A. and Canada
Fax (425) 556-8659
Toll Free Fax (888) 274-6192

Europe

Parts Telephone (31) (165) 519 313
Parts Fax (31) (165) 511 148

Australia

Parts Telephone (61) (7) 3456 4444
Parts Fax (61) (7) 3456 4466

South America

Parts Telephone (55) (11) 4082 5600
Parts Fax (55) (11) 4082 5630

Machine Information

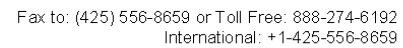
Model

Serial Number

Date of Purchase

Authorized Genie Distributor

Phone Number



Date _____	Account Number _____
Your Name _____	Your Fax Number _____
_____	Your Phone Number _____
Bill To _____	Ship To _____
_____	_____
_____	_____
_____	_____
Purchase Order Number _____	Ship Via _____

Optional Equipment _____

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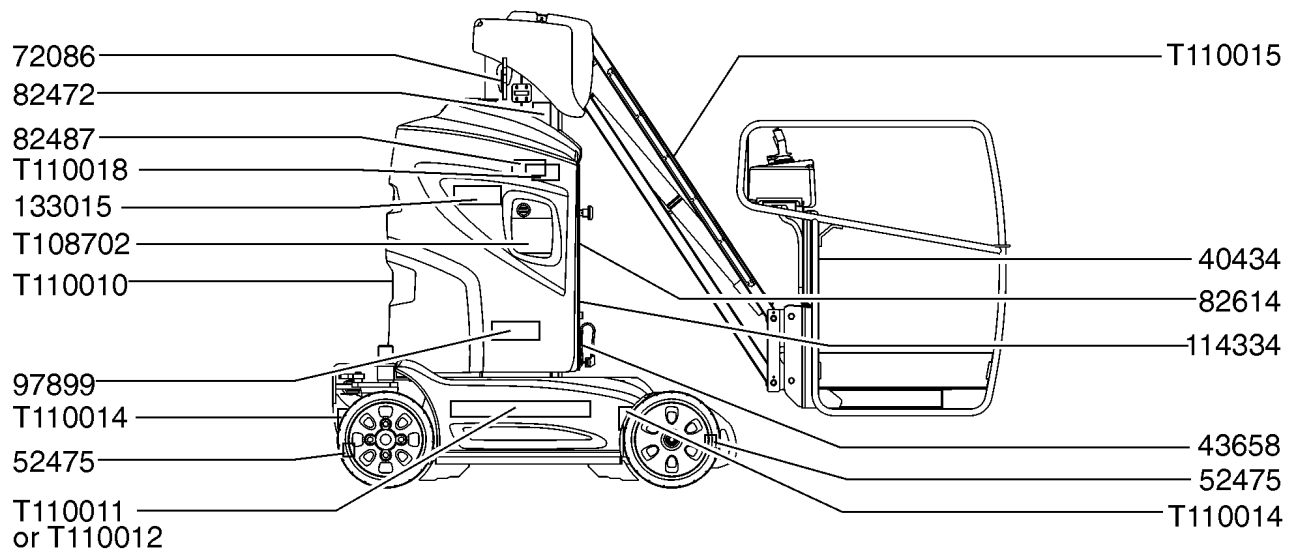
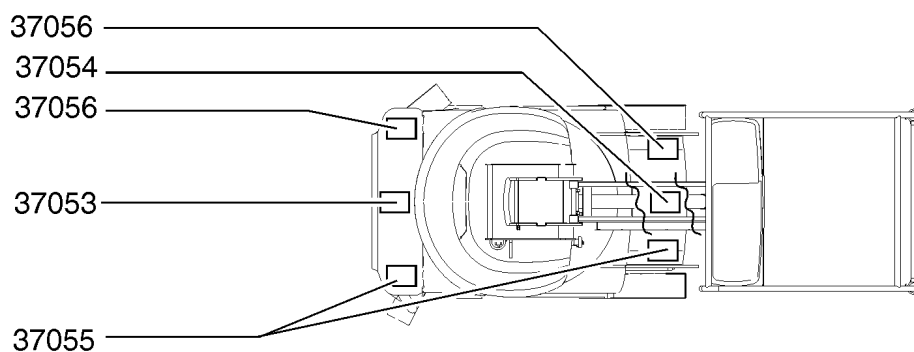
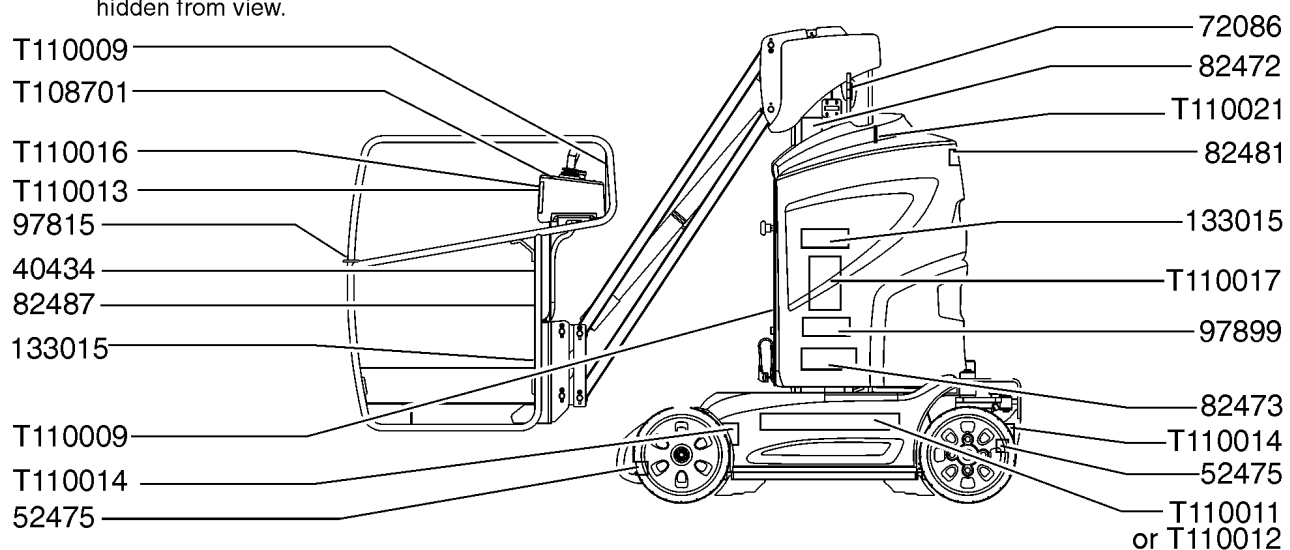
☐ Ship complete order only - No back orders

☐ Ship all available parts and contact customer on disposition of back-ordered parts

☐ Other (please specify)

101.1 Decals with Symbols, CE (to serial number GRJ12-393)

☐ Shading indicates decal is hidden from view.

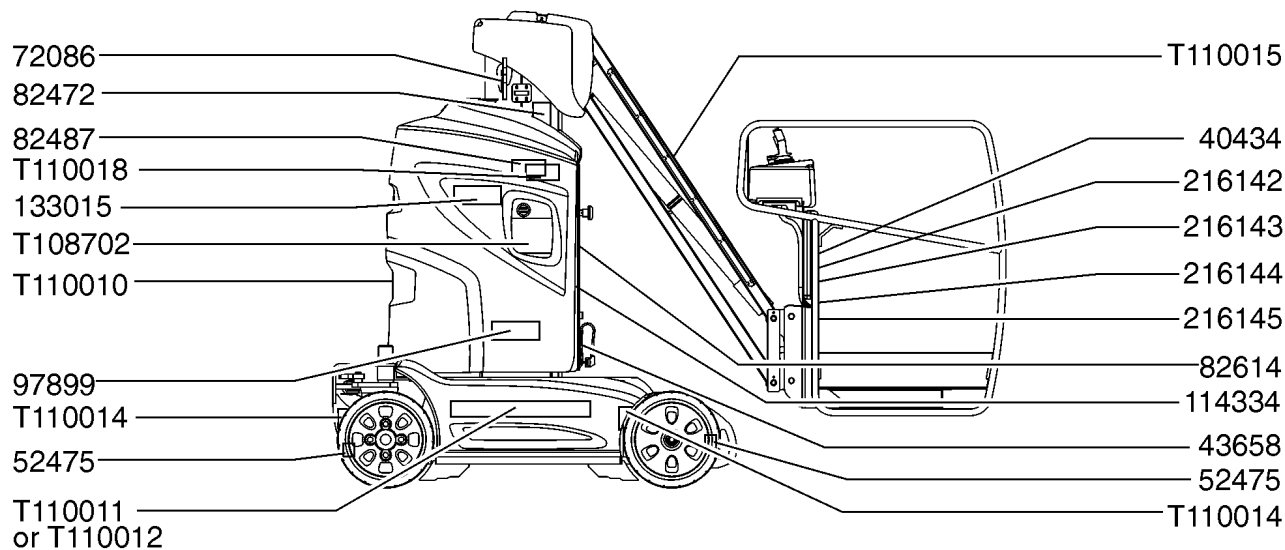
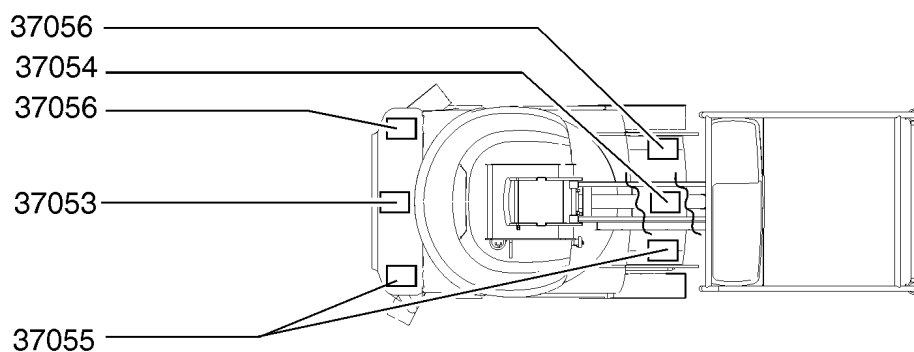
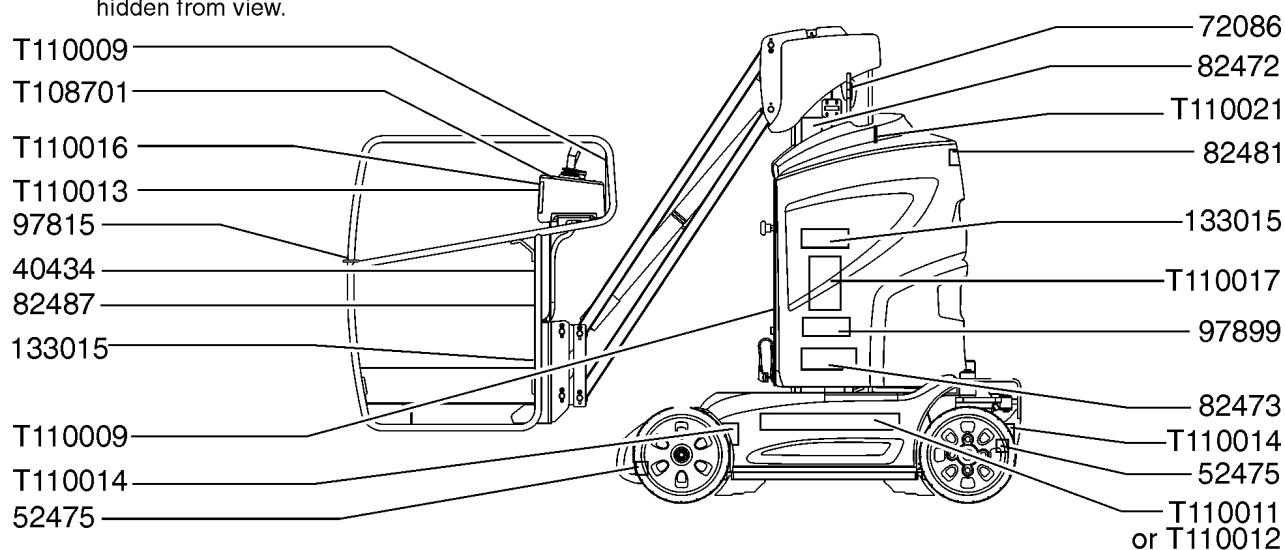


101.1 Decals with Symbols, CE (to serial number GRJ12-393)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	37053	DECAL,ARROW,BLUE.....	1	27	T110017	DECAL,LABEL,EMERGENCY LOWERING.....	1
2	37054	DECAL,ARROW,YELLOW SM 5-3/8".....	1	28	T110018	DECAL,LABEL,BRAKE RELEASE...	1
3	37055	DECAL,TRIANGLE,BLUE.....	2	29	T110021	DECAL,LABEL,TIP HAZARD.....	1
4	37056	DECAL,TRIANGLE,YELLOW.....	2				
5	40434	DECAL,LANYARD ANCHORAGE POINT.....	2				
6	43658	DECAL,LABEL,PWR TO CHARGR 230V.....	1				
7	52475	DECAL,LABEL,TRANSPORT TIEDOWN*.....	4				
8	72086	DECAL,LABEL,LIFTING EYE.....	2				
9	82472	DECAL,WARNING,CRUSHING HAZARD.....	2				
10	82473	DECAL,SYMBOL-COMP ACCESS.....	1				
11	82481	DECAL,SYMBOL-BATTERY SAFETY.....	1				
12	82487	DECAL,SYMBOL-READ THE MANUAL.....	2				
13	82614	DECAL,DANGER,COLLISION HAZARD.....	1				
14	97815	DECAL,LABEL,LOWER MIDRAIL....	1				
15	97899	DECAL,WARN,SAFETY CHOCK***.....	2				
16	114334	DECAL,SYM-ELEC HAZARD,PLUG.....	1				
17	133015	DECAL,DANGER,ELEC.HAZ SYMB.....	3				
18	T108701	DECAL,PLATFORM CONTROL PANEL.....	1				
19	T108702	DECAL,GROUND CONTROL PANEL.....	1				
20	T110009	DECAL,LABEL,POWER TO PLAT 230V.....	2				
21	T110010	DECAL,COSMETIC,GENIE.....	1				
22A	T110011	DECAL,COSMETIC,GENIE GR26J.....	1				
22B	T110012	DECAL,COSMETIC,GENIE GR20J.....	2				
23	T110013	DECAL,LABEL,MAX CAP GRJ.....	1				
24	T110014	DECAL,LABEL,WHEEL LOAD GRJ.....	4				
25	T110015	DECAL,LABLE,FALL HAZARD.....	1				
26	T110016	DECAL,LABEL,TILT ALARM.....	1				

101.2 Decals with Symbols, CE (from serial number GRJ12-394)

☐ Shading indicates decal is hidden from view.

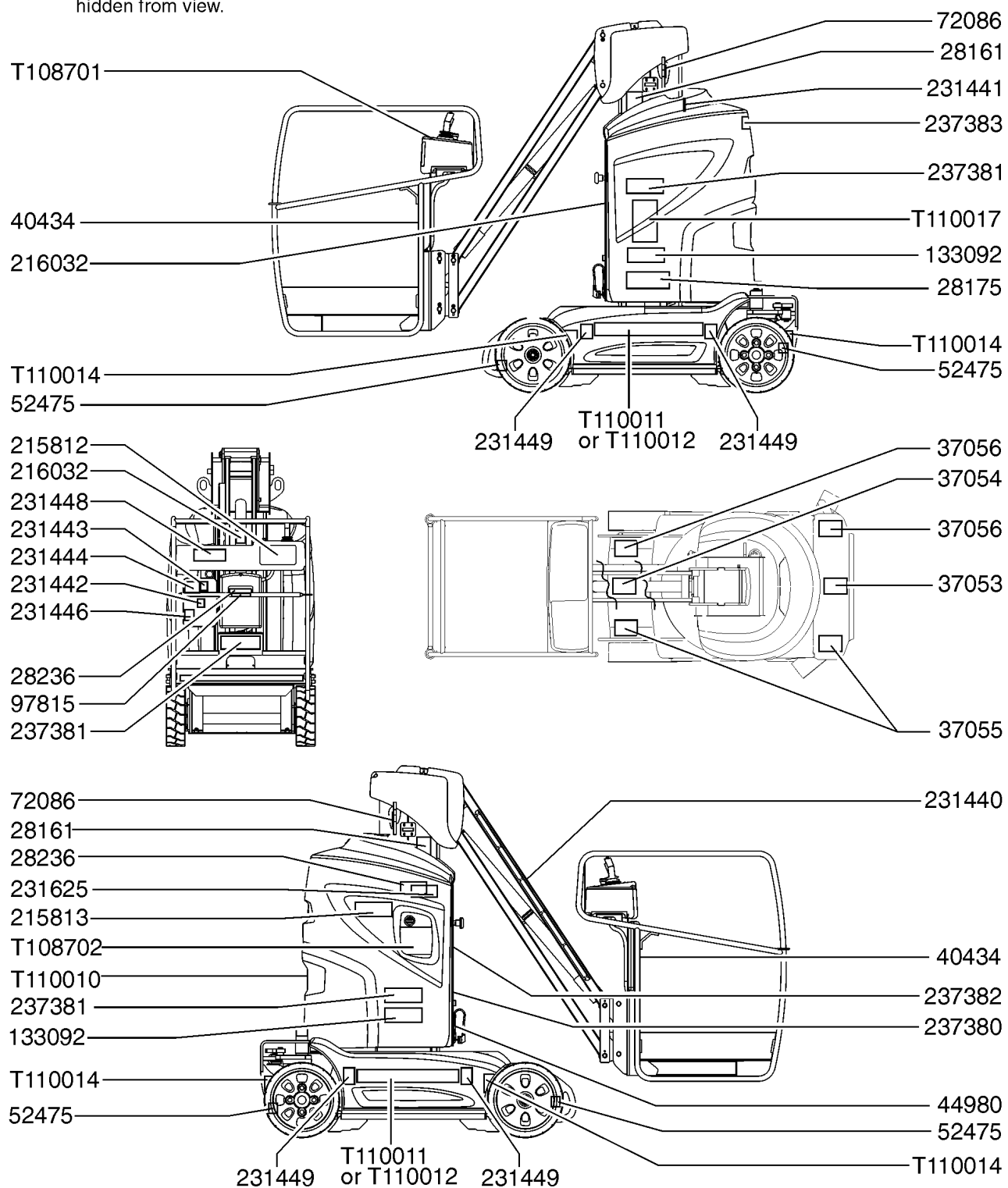


101.2 Decals with Symbols, CE (from serial number GRJ12-394)

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	37053	DECAL,ARROW,BLUE.....	1	26A	T110011	DECAL,COSMETIC,GENIE GR26J.....	2
2	37054	DECAL,ARROW,YELLOW SM 5-3/8".....	1	26B	T110012	DECAL,COSMETIC,GENIE GR20J.....	2
3	37055	DECAL,TRIANGLE,BLUE.....	2	27	T110013	DECAL,LABEL,MAX CAP GRJ.....	1
4	37056	DECAL,TRIANGLE,YELLOW.....	2	28	T110014	DECAL,LABEL,WHEEL LOAD GRJ.....	4
5	40434	DECAL,LANYARD ANCHORAGE POINT.....	2	29	T110015	DECAL,LABLE,FALL HAZARD.....	1
6	43658	DECAL,LABEL,PWR TO CHARGR 230V.....	1	30	T110016	DECAL,LABEL,TILT ALARM.....	1
7	52475	DECAL,LABEL,TRANSPORT TIEDOWN*.....	4	31	T110017	DECAL,LABEL,EMERGENCY LOWERING.....	1
8	72086	DECAL,LABEL,LIFTING EYE.....	2	32	T110018	DECAL,LABEL,BRAKE RELEASE...	1
9	82472	DECAL,WARNING,CRUSHING HAZARD.....	2	33	T110021	DECAL,LABEL,TIP HAZARD.....	1
10	82473	DECAL,SYMBOL-COMP ACCESS.....	1				
11	82481	DECAL,SYMBOL-BATTERY SAFETY.....	1				
12	82487	DECAL,SYMBOL-READ THE MANUAL.....	2				
13	82614	DECAL,DANGER,COLLISION HAZARD.....	1				
14	97815	DECAL,LABEL,LOWER MIDRAIL....	1				
15	97899	DECAL,WARN,SAFETY CHOCK***.....	2				
16	114334	DECAL,SYM-ELEC HAZARD,PLUG.....	1				
17	133015	DECAL,DANGER,ELEC.HAZ SYMB.....	3				
18	216142	DECAL,LABEL,TIP-OVER HAZARD,SLOPE.....	1				
19	216143	DECAL,LABL,RUNAWAY MACHINE HAZ.....	1				
20	216144	DECAL,LABEL,COLLISION HAZARD.....	1				
21	216145	DECAL,LABEL,DRIVE DIRECTION HAZ.....	1				
22	T108701	DECAL,PLATFORM CONTROL PANEL.....	1				
23	T108702	DECAL,GROUND CONTROL PANEL.....	1				
24	T110009	DECAL,LABEL,POWER TO PLAT 230V.....	2				
25	T110010	DECAL,COSMETIC,GENIE.....	1				

102.1 Decals with Words, ANSI (from serial number GRJ12-394)

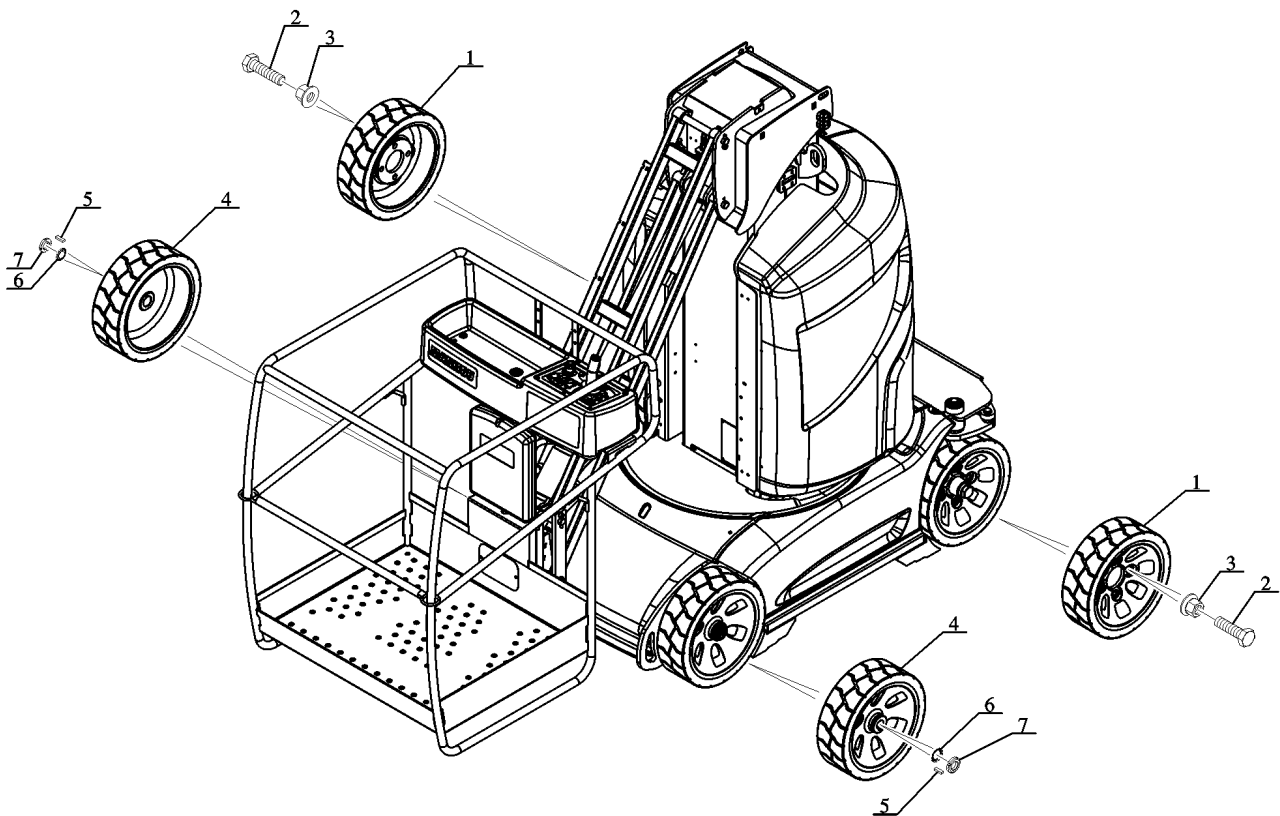
☐ Shading indicates decal is hidden from view.



102.1 Decals with Words, ANSI (from serial number GRJ12-394)

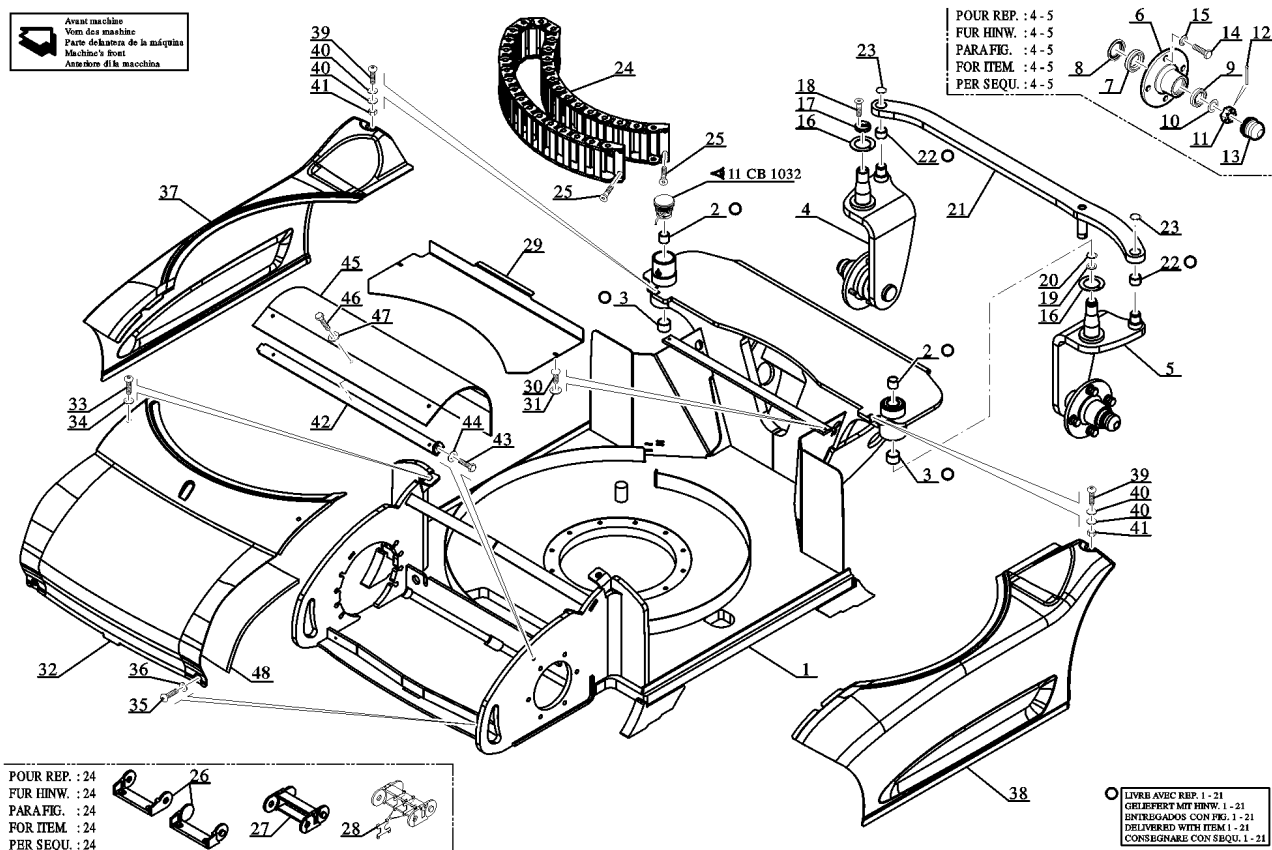
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	28161	DECAL,WARN,CRUSH HAZARD HAND.....	2	29	237383	DECAL,DANGER,BATTERY SAFETY.....	1
2	28175	DECAL,COMPARTMENT ACCESS.....	1	30	T108701	DECAL,PLATFORM CONTROL PANEL.....	1
3	28236	DECAL,WARN,IMPROPER OPERATION.....	2	31	T108702	DECAL,GROUND CONTROL PANEL.....	1
4	37053	DECAL,ARROW,BLUE.....	1	32	T110010	DECAL,COSMETIC,GENIE.....	1
5	37054	DECAL,ARROW,YELLOW SM 5-3/8".....	1	33A	T110011	DECAL,COSMETIC,GENIE GR26J.....	2
6	37055	DECAL,TRIANGLE,BLUE.....	2	33B	T110012	DECAL,COSMETIC,GENIE GR20J.....	2
7	37056	DECAL,TRIANGLE,YELLOW.....	2	34	T110014	DECAL,LABEL,WHEEL LOAD GRJ.....	4
8	40434	DECAL,LANYARD ANCHORAGE POINT.....	2	35	T110017	DECAL,LABEL,EMERGENCY LOWERING.....	1
9	44980	DECAL,LABEL,PWR TO CHARGR 115V.....	1				
10	52475	DECAL,LABEL,TRANSPORT TIEDOWN*.....	4				
11	72086	DECAL,LABEL,LIFTING EYE.....	2				
12	97815	DECAL,LABEL,LOWER MIDRAIL....	1				
13	133092	DECAL,CRUSH HAZARD,USE SAFETY.....	2				
14	215812	DECAL, TIP OVER HAZARD.....	1				
15	215813	DECAL,OPERATING INSTR GRJ ANSI.....	1				
16	216032	DECAL,POWER TO PLAT 115V.....	2				
17	231440	DECAL,WARNING,NO STEP.....	1				
18	231441	DECAL,DANGER,TIPOVER BATTERY W.....	1				
19	231442	DECAL,DANGER,COLLISION HAZ.....	1				
20	231443	DECAL,DANGER,TIPOVER HAZ LVL G.....	1				
21	231444	DECAL,DANGER,RUNAWAY HAZ.....	1				
22	231446	DECAL,INST,DRIVE ENABLE.....	1				
23	231448	DECAL,DANGER,TIPOVER TILT ALAR.....	1				
24	231449	DECAL,INST,TIRE SPECS.....	4				
25	231625	DECAL,BRAKE INSTR,GRJ.....	1				
26	237380	DECAL,WARNING,ELECTRICAL HAZAR.....	1				
27	237381	DECAL,DANGER,ELECTROCUTION.3					
28	237382	DECAL,WARNING, COLLISION HAZAR.....	1				

201.1 Wheels



Item	Part No.	Description	Qty.
1	T110236	COMPLETE FRONT WHEEL.....	2
2	T110389	SCREW.....	8
3	T110390	WASHER.....	8
4	T110335	COMPLETE REAR WHEEL.....	2
5	T110321	KEY	2
6	T110311	LOCK WASHER.....	2
7	T110310	HOLED CIRCULAR NUT.....	2

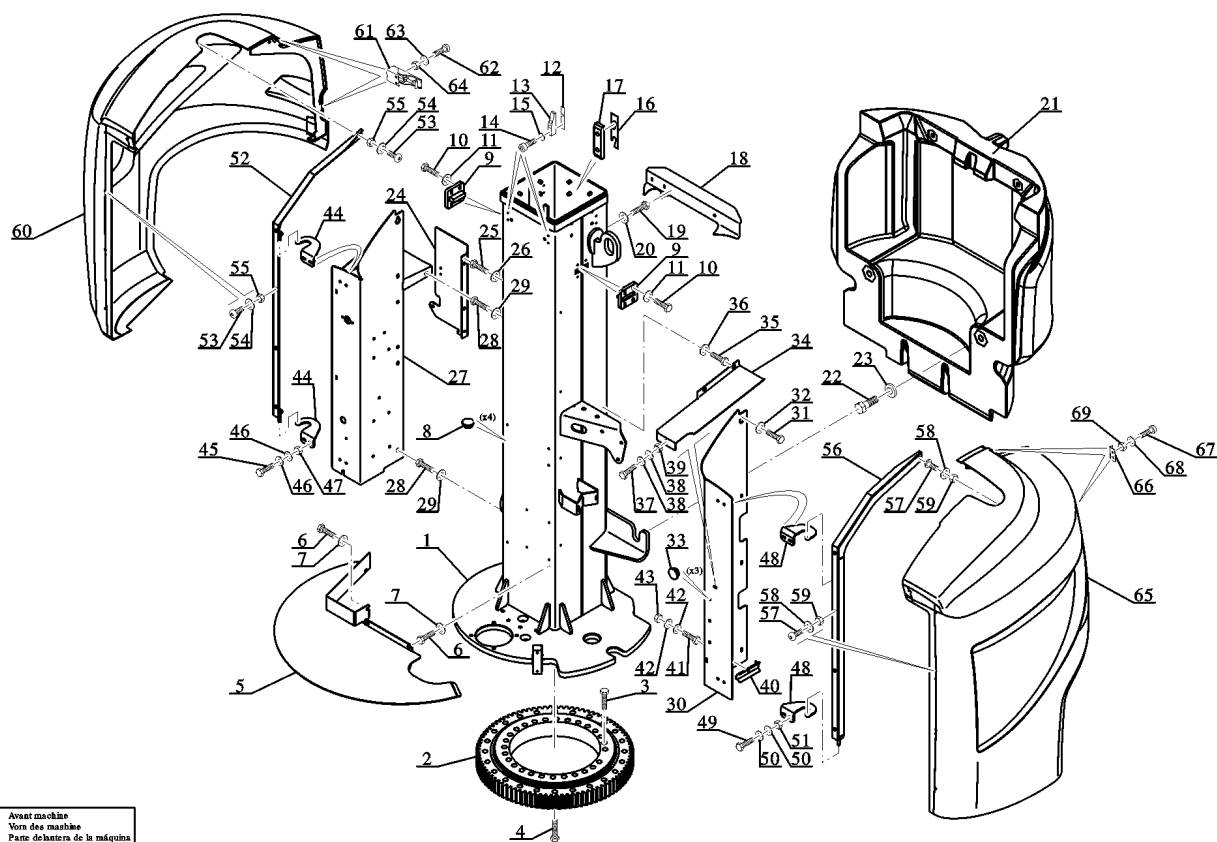
202.1 Frame - Body



202.1 Frame - Body

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1A	T110237	FRAME W/BUSHING,GRJ.....1 (CE models)		29A	T110279	FRONT FASTENING PLATE.....1 (CE models)	
1B	216724	FRAME W/BUSHING,GRJ (ANSI models)		29B	216728	FRONT FASTENING PLATE (ANSI models)	
2	T110032	BUSHING.....2		30	T109857	SCREW,M6-16X10.9,ZN5.....2	
3	T110325	BUSHING.....2		31	T110087	WASHER.....2	
4A	T110238	SUPPORT,LEFT WHEEL STEERING.....1 (CE models)		32A	T110244	ENGINE BONNET.....1 (CE models)	
4B	216725	SUPPORT,LEFT WHEEL STEERING (ANSI models)		32B	216729	ENGINE BONNET (ANSI models)	
5A	T110239	SUPPORT,RIGHT WHEEL STEERING.....1 (CE models)		33	T110115	SCREW,M6-20X10.9.....2	
5B	216726	SUPPORT,RIGHT WHEEL STEERING (ANSI models)		34	T109858	WASHER,M6,ZN.....2	
6	T110381	WHEEL HUB.....2		35	T109857	SCREW,M6-16X10.9,ZN5.....2	
7	T110382	BEARING BALL.....2		36	T109858	WASHER,M6,ZN.....2	
8	T110383	RING,BACK-UP.....2		37A	T110242	BONNET,L.H.....1 (CE models)	
9	T110384	BEARING BALL.....2		37B	216730	BONNET,L.H. (ANSI models)	
10	T110385	WASHER,STOP.....2		38A	T110243	BONNET,R.H.....1 (CE models)	
11	T110386	NUT,HOLED CIRCULAR.....2		38B	216731	BONNET,R.H. (ANSI models)	
12	T110387	PIN.....2		39	T110097	SCREW,M6-25,ZINC.....2	
13	T110388	CAP.....2		40	T109858	WASHER,M6,ZN.....4	
14	T110389	SCREW.....8		41	T109859	NUT,M6,ZINC.....2	
15	T110390	WASHER.....8		42A	T110401	FLAP BRACKET.....1 (CE models)	
16	T110147	BUSHING.....2		42B	216739	FLAP BRACKET (ANSI models)	
17	T110240	SNAP RING.....1		43	T110048	SCREW,M8-20X8.8,ZINC.....1	
18	T110067	SCREW,M5-16X10.9,ZINC.....2		44	T110069	WASHER,JZC8.....1	
19	T110066	WASHER,M24,ZINC.....1		45A	T110402	FLAP.....1 (CE models)	
20	T110044	CIRCLIP.....1		45B	216732	FLAP (ANSI models)	
21A	T110241	STEERING ROD W/BUSHING.....1 (CE models)		46	T110167	SCREW.....3	
21B	216727	STEERING ROD W/BUSHING (ANSI models)		47	T110087	WASHER.....3	
22	T110128	BUSHING.....2		48	216733	SOUND PROOFING, CHASSIS.....1	
23	T110044	CIRCLIP.....2					
24	T110288	CHAIN,COMPLETE,30 LINK.....1					
25	T110140	SCREW,M6-20.....4					
26	T110377	PLUG.....1					
27	T110378	LINK.....as-needed					
28	T110379	SEPARATOR.....as-needed					

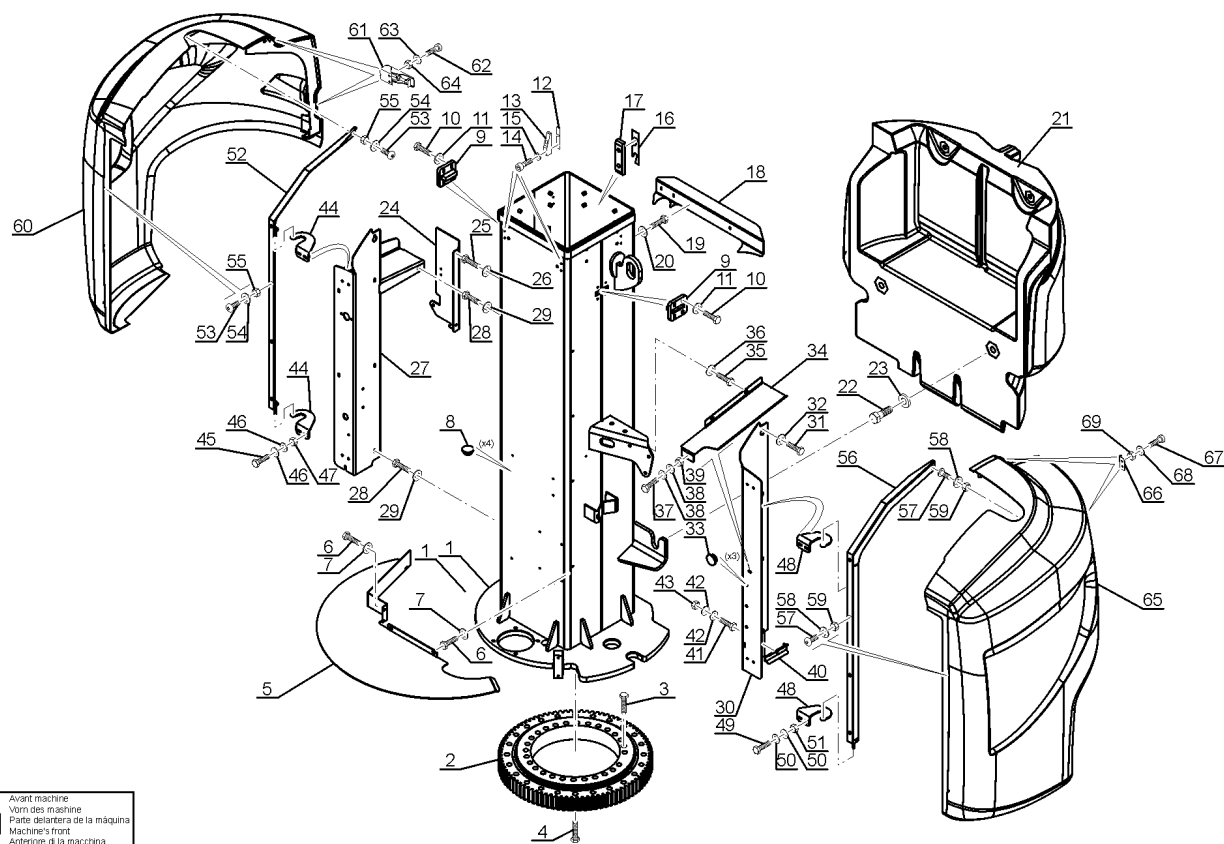
301.1 Turntable Covers, GR-20J



301.1 Turntable Covers, GR-20J

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	T110267	TURRET.....	1	39	T109859	NUT,M6,ZINC.....	1
2	T110132	GEAR RING.....	1	40	T110328	FLANGE.....	1
3	T110074	SCREW,M12-70X10.9,ZINC.....	12	41	T110055	SCREW,M6-30X8.8,ZINC.....	1
4	T110327	SCREW,M12-65X10.9,ZINC.....	14	42	T110035	WASHER,M6,ZINC.....	2
5	T110295	LOWER HOUSING.....	1	43	T109859	NUT,M6,ZINC.....	1
6	T110034	SCREW,M6-16X8.8,ZINC.....	3	44	T110298	PIN,L.H.....	2
7	T110087	WASHER.....	3	45	T110052	SCREW,M6-20X8.8,ZINC.....	4
8	T110065	WASHER,M12,ZINC.....	4	46	T110035	WASHER,M6,ZINC.....	8
9	T110247	STOP.....	2	47	T109859	NUT,M6,ZINC.....	4
10	T110059	SCREW,M6-25X8.8,ZINC.....	8	48	T110299	PIN,R.H.....	2
11	T110087	WASHER.....	8	49	T110052	SCREW,M6-20X8.8,ZINC.....	4
12	T110410	WEDGE.....	4	50	T110035	WASHER,M6,ZINC.....	8
13	T110409	SLIDE BLOCK.....	4	51	T109859	NUT,M6,ZINC.....	4
14	T110031	SCREW.....	8	52	T110300	HINGE,L.H.....	1
15	T110041	WASHER,M5.....	8	53	T110230	SCREW,M5-16X10.9,ZINC.....	5
16	T110277	SHIM,1MM.....as-needed		54	T110105	WASHER,JZC5.....	5
16A	T110278	SHIM,0.5MM.....as-needed		55	T110110	NUT,M5.....	5
17	T110286	SLIDE BLOCK,12MM.....as-needed		56	T110355	HINGE,R.H.....	1
17A	T110324	SLIDE BLOCK,10MM.....as-needed		57	T110230	SCREW,M5-16X10.9,ZINC.....	5
18	T110316	COVER PLATE.....	1	58	T110105	WASHER,JZC5.....	5
19	T110167	SCREW.....	2	59	T110110	NUT,M5.....	5
20	T110087	WASHER.....	2	60	T110314	BONNET,L.H.....	1
21	T110405	COUNTERWEIGHT.....	1	61	T110164	LOCKER.....	2
22	T110142	SCREW,M24-70X10.9,ZINC.....	2	62	T110058	SCREW,M4-16X5.8,ZINC.....	4
23	T110073	WASHER,SP,5X50X8,ZINC.....	2	63	T110037	WASHER,M4,ZINC.....	4
24	T110313	BRACKET SHEET.....	1	64	T110124	NUT,M4,ZINC.....	4
25	T110034	SCREW,M6-16X8.8,ZINC.....	2	65	T110315	BONNET,R.H.....	1
26	T110087	WASHER.....	2	66	T110320	LOCKING HOOK.....	2
27	T110302	BRACKET,BONNET,L.H.....	1	67	T110058	SCREW,M4-16X5.8,ZINC.....	4
28	T110034	SCREW,M6-16X8.8,ZINC.....	5	68	T110037	WASHER,M4,ZINC.....	4
29	T110087	WASHER.....	5	69	T110124	NUT,M4,ZINC.....	4
30	T110303	BRACKET,BONNET,R.H.....	1				
31	T110034	SCREW,M6-16X8.8,ZINC.....	4				
32	T110087	WASHER.....	4				
33	T110407	CAP.....	3				
34	T110305	COVER PLATE.....	1				
35	T110034	SCREW,M6-16X8.8,ZINC.....	2				
36	T110087	WASHER.....	2				
37	T110052	SCREW,M6-20X8.8,ZINC.....	1				
38	T110035	WASHER,M6,ZINC.....	2				

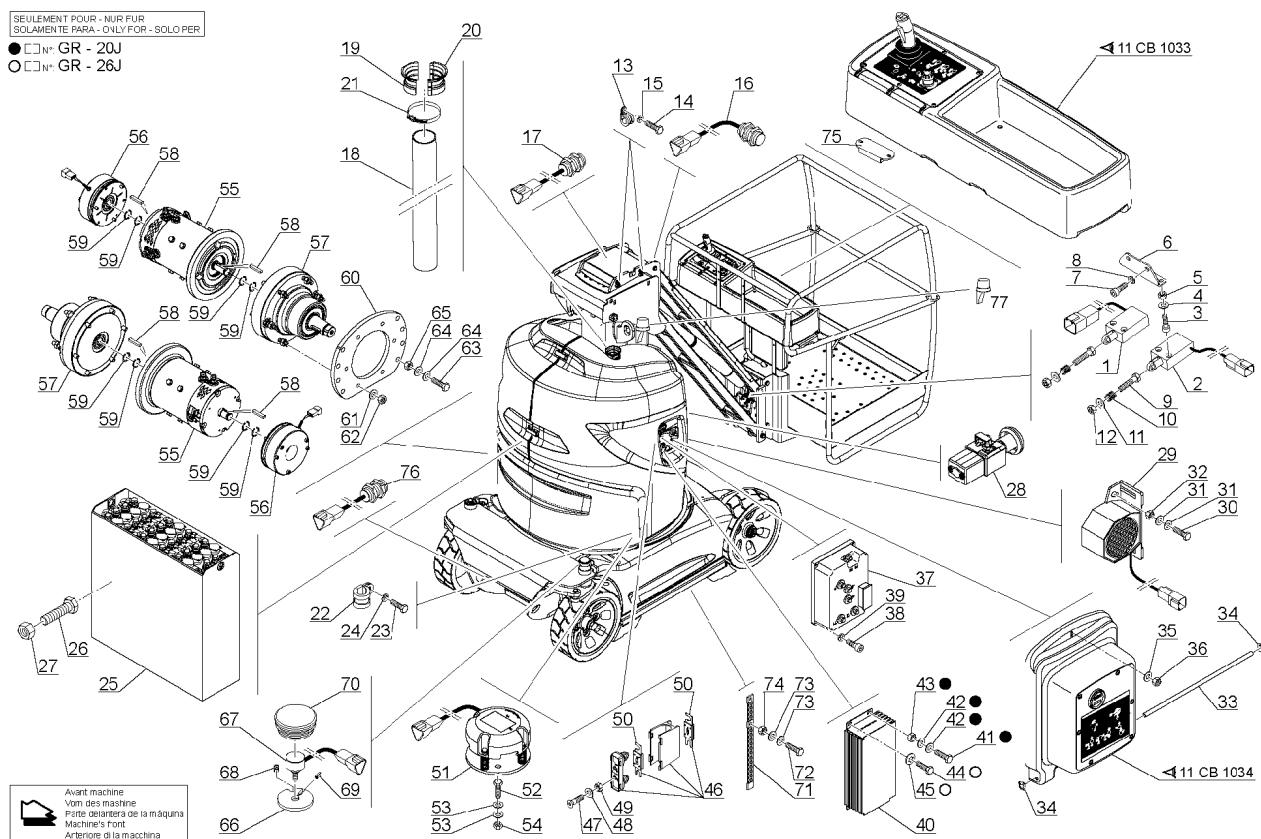
302.1 Turntable Covers, GR-26J



302.1 Turntable Covers, GR-26J

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1A	T110245	TURRET.....1 (CE Models)		36	T110087	WASHER.....2	
1B	216734	TURRET.....1 (ANSI Models)		37	T110052	SCREW,M6-20X8.8,ZINC.....1	
2	T110132	GEAR RING.....13		38	T109858	WASHER,M6,ZN.....2	
3	T110074	SCREW,M12-70X10.9,ZINC.....12		39	T109859	NUT,M6,ZINC.....1	
4	T110327	SCREW,M12-65X10.9,ZINC.....14		40	T110328	FLANGE.....1	
5	T110246	LOWER HOUSING.....1		41	T110055	SCREW,M6-30X8.8,ZINC.....1	
6	T110034	SCREW,M6-16X8.8,ZINC.....3		42	T110035	WASHER,M6,ZINC.....2	
7	T110087	WASHER.....3		43	T109859	NUT,M6,ZINC.....1	
8	T110165	CORK OF LOCK.....4		44	T110298	PIN,L.H.....2	
9	T110247	STOP.....2		45	T110052	SCREW,M6-20X8.8,ZINC.....4	
10	T110059	SCREW,M6-25X8.8,ZINC.....8		46	T110035	WASHER,M6,ZINC.....8	
11	T110087	WASHER.....8		47	T109859	NUT,M6,ZINC.....4	
12	T110410	WEDGE.....4		48	T110299	PIN,R.H.....2	
13	T110409	SLIDE BLOCK.....4		49	T110052	SCREW,M6-20X8.8,ZINC.....4	
14	T110031	SCREW.....8		50	T110035	WASHER,M6,ZINC.....8	
15	T110041	WASHER,M5.....8		51	T109859	NUT,M6,ZINC.....4	
16	T110277	SHIM,1MM.....as-needed		52	T110300	HINGE,L.H.....1	
16A	T110278	SHIM,0.5MM.....as-needed		53	T110230	SCREW,M5-16X10.9,ZINC.....5	
17	T110286	SLIDE BLOCK,12MM.....as-needed		54	T110105	WASHER,JZC5.....5	
17A	T110324	SLIDE BLOCK,10MM.....as-needed		55	T110110	NUT,M5.....5	
18	T110306	COVER PLATE.....1		56	T110355	HINGE,R.H.....1	
19	T110167	SCREW.....2		57	T110230	SCREW,M5-16X10.9,ZINC.....5	
20	T110087	WASHER.....2		58	T110105	WASHER,JZC5.....5	
21	T110404	COUNTERWEIGHT.....1		59	T110110	NUT,M5.....5	
22	T110142	SCREW,M24-70X10.9,ZINC.....2		60	T110249	BONNET,L.H.....1	
23	T110073	WASHER,SP,5X50X8,ZINC.....2		61	T110164	LOCKER.....2	
24	T110301	BRACKET,SHEET.....1		62	T110058	SCREW,M4-16X5.8,ZINC.....4	
25	T110034	SCREW,M6-16X8.8,ZINC.....2		63	T110037	WASHER,M4,ZINC.....4	
26	T110087	WASHER.....2		64	T110124	NUT,M4,ZINC.....4	
27	T110296	BRACKET,BONNET,L.H.....1		65	T110248	BONNET,R.H.....1	
28	T110034	SCREW,M6-16X8.8,ZINC.....5		66	T110320	LOCKING HOOK.....2	
29	T110087	WASHER.....5		67	T110058	SCREW,M4-16X5.8,ZINC.....4	
30	T110297	BRACKET,BONNET,R.H.....1		68	T110037	WASHER,M4,ZINC.....4	
31	T110034	SCREW,M6-16X8.8,ZINC.....4		69	T110124	NUT,M4,ZINC.....4	
32	T110087	WASHER.....4					
33	T110407	CAP.....2					
34	T110304	COVER PLATE.....1					
35	T110034	SCREW,M6-16X8.8,ZINC.....2					

303.1 Electrical Components



303.1 Electrical Components

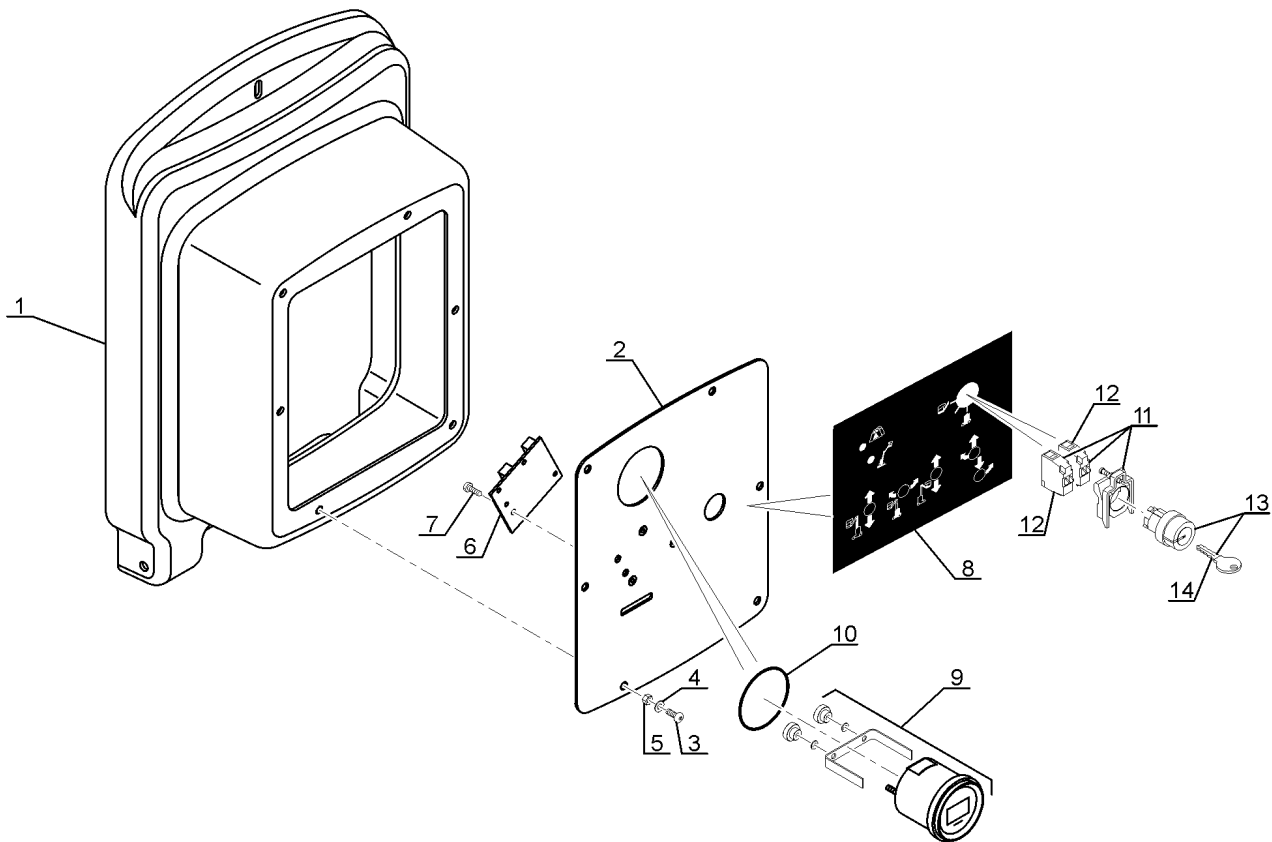
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	T110362	SWITCH,BASKET OVERLOAD.....	1	38	T110082	SCREW,M6-25,ZINC.....	4
2	T110363	SWITCH,BASKET OVERLOAD.....	1	39	T110047	WASHER,M6,ZINC.....	4
3	T110122	SCREW,M4-20X8.8,ZINC.....	4	40	T110326	BATTERY CHARGER.....	1
4	T110037	WASHER,M4,ZINC.....	4	41	T110034	SCREW,M6-16X8.8,ZINC.....	4
5	T110124	NUT,M4,ZINC.....	4		GR-20J		
6	T110411	SENSOR BRACKET.....	1	42	T109858	WASHER,M6,ZN.....	8
7	T110072	SCREWM6-12X8.8,ZINC.....	2		GR-20J		
8	T110047	WASHER,M6,ZINC.....	2	43	T109859	NUT,M6,ZINC.....	4
9	T110062	SCREW,M10-45X8.8,ZINC.....	2		GR-20J		
10	T110141	SPRING.....	2	44	T110053	SCREW,M6-10X8.8,ZINC.....	4
11	T110038	WASHER,M10,ZINC.....	2		GR-26J		
12	T110056	NUT,M10,ZINC.....	2	45	T110087	WASHER.....	4
13	T110076	CLAMP.....	2		GR-26J		
14	T110071	SCREW,M5-10X8.8,ZINC.....	2	46	T110235	FUSE HOLDER.....	1
15	T110041	WASHER,M5.....	2	47	T110101	SCREW,M4-25X10.9,ZINC.....	2
16	T110360	SWITCH.....	1	48	T110036	WASHER,M5,ZINC.....	2
17	T110354	SWITCH.....	1	49	T110124	NUT,M4,ZINC.....	2
18	T110291	TUBE.....	1	50	T110169	FUSE.....	2
19	T110366	HALF GUIDE,RING.....	1	51	T110403	SWITCH,TILTING.....	1
20	T110365	HALF GUIDE,RING.....	1	52	T110059	SCREW,M6-25X8.8,ZINC.....	3
21	T110131	CLAMP.....	2	53	T109858	WASHER,M6,ZN.....	6
22	T110075	CLAMP.....	1	54	T109859	NUT,M6,ZINC.....	3
23	T110071	SCREW,M5-10X8.8,ZINC.....	1	55	T110257	MOTOR,WHEEL.....	2
24	T110041	WASHER,M5.....	1	56	T110258	BRAKE,WHEEL.....	2
25A	T110259	BATTERY.....	1	57	T110256	WHEEL,REDUCING.....	2
		(CE models)		58	T110419	KEY,.....	2
25B	216737	BATTERY,ANSI GRJ		59	T110042	CIRCLIP.....	4
		(ANSI models)		60	T110290	FLANGE,COUPLING.....	1
26	T110077	SCREW,M16-45X10.9,ZINC.....	2	61	T110038	WASHER,M10,ZINC.....	12
27	T110049	NUT,M16,ZINC.....	2	62	T110056	NUT,M10,ZINC.....	12
28	T110308	SWITCH W/ESTOP BUTTON.....	1	63	T110063	SCREW,M12-50X8.8,ZINC.....	8
29	T110174	HORN,12/24V.....	1	64	T110065	WASHER,M12,ZINC.....	16
30	T110052	SCREW,M6-20X8.8,ZINC.....	2	65	T110051	NUT,M12,ZINC.....	8
31	T109858	WASHER,M6,ZN.....	4	66	T110289	SENSOR BRACKET.....	1
32	T109859	NUT,M6,ZINC.....	2	67	T110261	POTENTIOMETER.....	1
33	T110292	PIN,ARTICULATING.....	1	68	T110045	SCREW,M6-16.....	1
34	T110232	LOCK WASHER.....	2	69	T110119	PIN.....	1
35	T109858	WASHER,M6,ZN.....	1	70	T110319	CAP.....	1
36	T109859	NUT,M6,ZINC.....	1	71	T110229	STRAP,ANTISTATIC.....	1
37	T110281	VARIABLE SPEED UNIT.....	1	72	T110057	SCREW,M8-25X8.8,ZINC.....	1
				73	T110064	WASHER,M8,ZINC.....	2

303.1 Electrical Components
(continued)

Item	Part No.	Description	Qty.
74	T110054	NUT,M8,ZINC.....	1
75	T110423	MODULUS.....	1
76	T110428	SENSOR.....	1
77	227707	KIT,FLASHING BEACON,GRJ <i>option</i>	

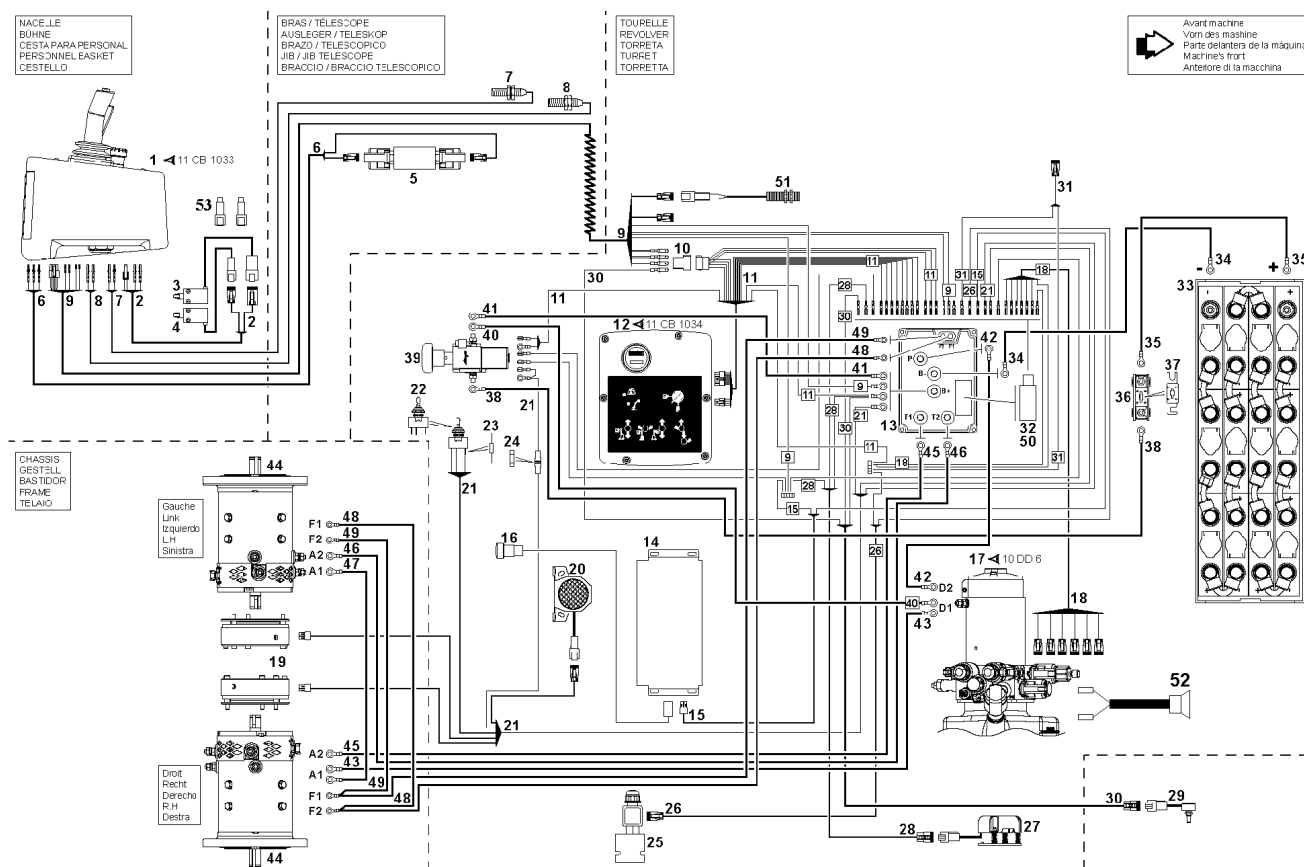
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304.1 Ground Controls



Item	Part No.	Description	Qty.
--	T110429	MAIN BOX,COMPLETE	
1	T109855	BOX,STRIPPED,GRJ.....1	1
2	T109856	FASTENING PLATE,GRJ.....1	1
3	T109857	SCREW,M6-16X10.9,ZN5.....6	6
4	T109858	WASHER,M6,ZN.....6	6
5	T109859	NUT,M6,ZINC.....6	6
6	T109860	ELECTRONIC PLATE,GRJ.....1	1
7	T109861	SCREW,M4.5-5,ZINC.....3	3
8	T109862	CONTROL BOX OVERLAY,GRJ.....1	1
9	T109863	HOUR METER,GRJ.....1	1
10	T109864	O-RING,HOURMETER,GRJ.....1	1
11	T109865	SWITCH & BASE PLATE,KEY,GRJ.....1	1
12	T109866	CONTACT,KEYSWITCH,GRJ.....2	2
13	T109867	REVOLVING BUTTON,KEY,GRJ.....1	1
14	T109868	KEY,SELECTOR,GRJ.....1	1

305.1 Wire Harness Diagram



305.1 Wire Harness Diagram

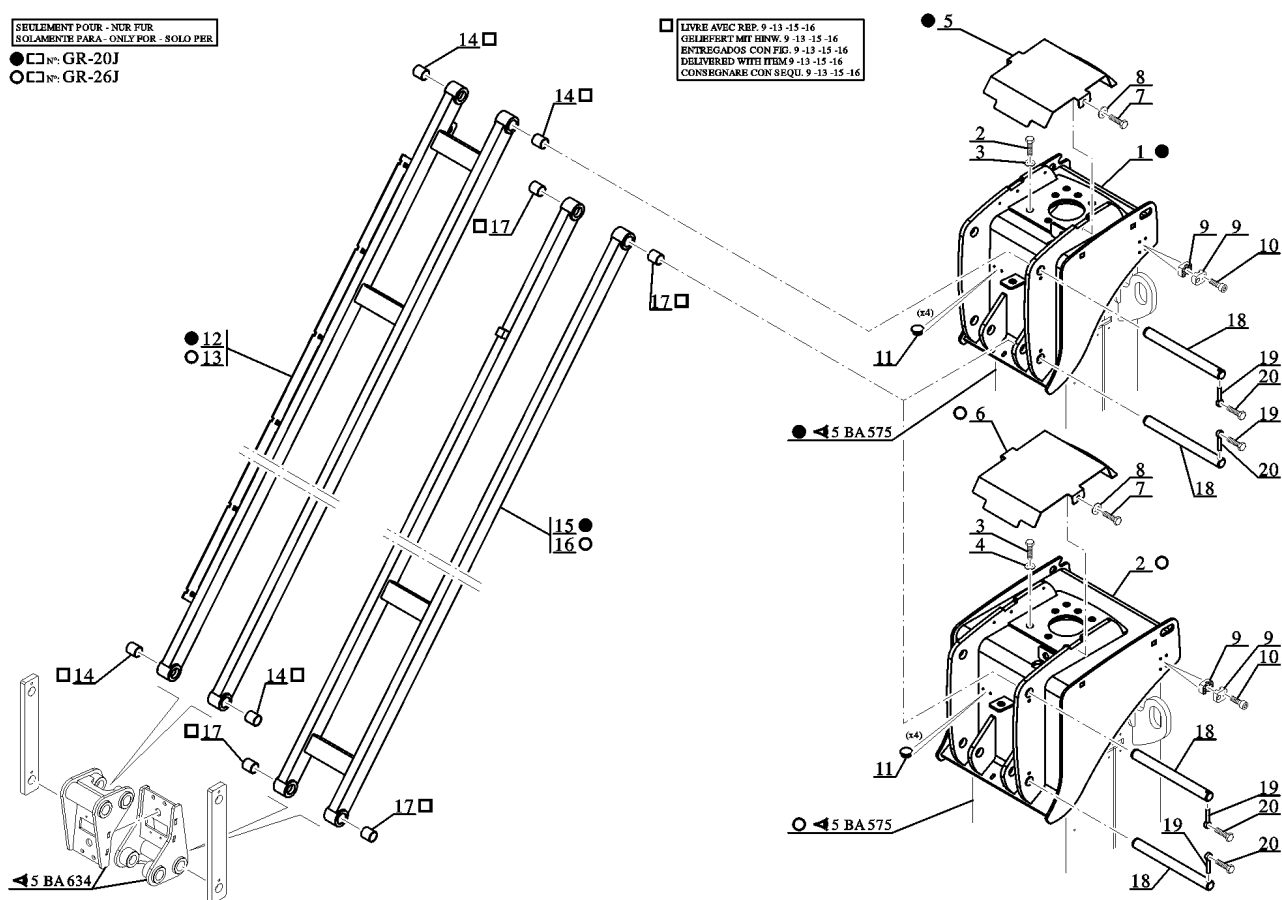
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1		Ref., CONSOLE,PLAT,COMPLETE,GRJ..1 <i>refer to 502.1</i>		32B	T110412	SWITCH,FEMALE.....4 <i>GR-26J</i>	
2	T110361	HARNESS,WIRING,GRJ.....1		33A	T110259	BATTERY.....1 <i>(CE models)</i>	
3	T110362	SWITCH,BASKET OVERLOAD.....1 <i>(CE models only)</i>		33B	216737	BATTERY,ANSI GRJ <i>(ANSI models)</i>	
4	T110363	SWITCH,BASKET OVERLOAD.....1 <i>(CE models only)</i>		34	T110344	CABLE,ELECTRIC.....1	
5	T110283	BLOCK,RELIEF VALVE.....1		35	T110338	CABLE,ELECTRIC.....1	
6	T110364	HARNESS,WIRING,GRJ.....1		36	T110235	FUSE HOLDER.....1	
7	T110360	SWITCH.....1		37	T110169	FUSE.....1	
8	T110354	SWITCH.....1		38	T110339	CABLE,ELECTRIC.....1	
9	T110426	HARNESS,WIRING,GRJ.....1		39	T110308	SWITCH W/ESTOP BUTTON.....1	
10	T110088	CONNECTOR,FEMALE.....1		40	T110341	CABLE,ELECTRIC.....1	
11	T110358	HARNESS,WIRING,GRJ.....1		41	T110340	CABLE,ELECTRIC.....1	
12		Ref., MAIN BOX,COMPLETE.....1 <i>refer to 304.1</i>		42	T110345	CABLE,ELECTRIC.....1	
13	T110281	VARIABLE SPEED UNIT.....1		43	T110342	CABLE,ELECTRIC.....1	
14	T110326	BATTERY CHARGER.....1		44		Ref., MOTOR,WHEELS.....2 <i>refer to 303.1</i>	
15	T110352	HARNESS,WIRING,GRJ.....1		45	T110346	CABLE,ELECTRIC.....1	
16	T110414	CHARGING INDICATOR.....1		46	T110347	CABLE,ELECTRIC.....1	
17		Ref., HYDRAULIC UNIT,COMPLETE,GRJ.....1 <i>refer to 612.1</i>		47	T110343	CABLE,ELECTRIC.....1	
18	T110353	HARNESS,WIRING,GRJ.....1		48	T110348	CABLE,ELECTRIC.....1	
19	T110258	BRAKE,WHEEL.....2		49	T110349	CABLE,ELECTRIC.....1	
20	T110174	HORN,12/24V.....1		50	T110413	CONTACT.....35	
21	T110350	HARNESS,WIRING,GRJ.....1		51	T110428	SENSOR.....1	
22	T110417	SWITCH.....1		52	45462	ALARM,CHIME TONE 5-25VDC***.....1 <i>does not include 72326 nut; order separately</i>	
23	T110416	RESISTER.....1		52	72326	NUT - PLASTIC,RING FOR ALARMS.....1	
24	229618	FUSE HOLDER,GRJ.....1 <i>for T110415</i>		53	216736	OVERLOAD CONNECTOR,ANSI....1	
24	T110415	FUSE.....1 <i>for 229618</i>					
25	T110282	BLOCK,RELIEF VALVE.....1					
26	T110356	HARNESS,WIRING,GRJ.....1					
27	T110403	SWITCH,TILTING.....1					
28	T110359	HARNESS,WIRING,GRJ.....1					
29	T110261	POTENTIOMETER.....1					
30	T110351	HARNESS,WIRING,GRJ.....1					
31	T110357	HARNESS,WIRING,GRJ.....1					
32A	T110412	SWITCH,FEMALE.....1 <i>GR-20J</i>					

401.1 Jib Boom Components

SEULEMENT POUR - NUR FÜR
SOLAMENTE PARA - ONLY FOR - SOLO PER

● □ N° GR-20J
○ □ N° GR-26J

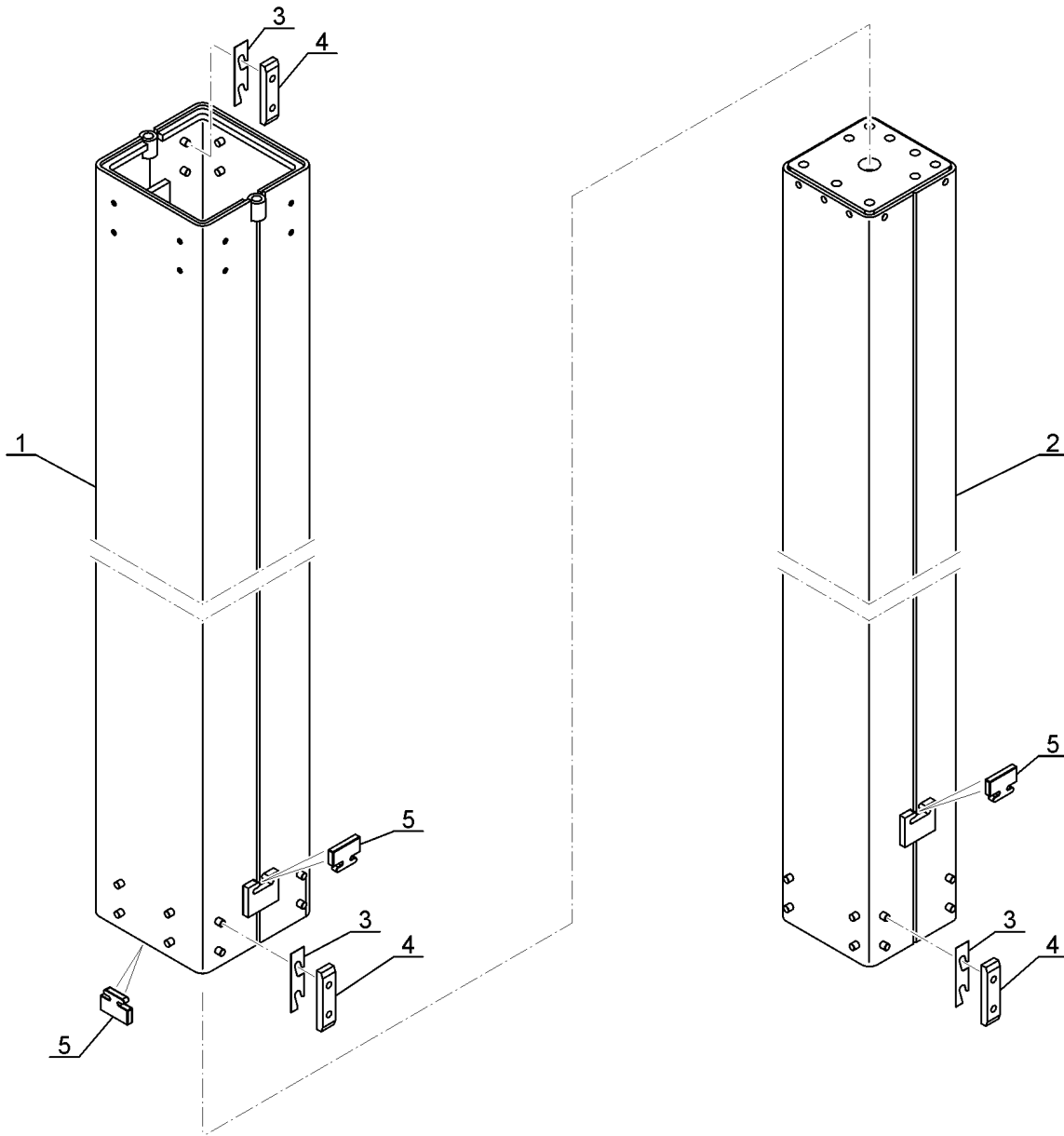
□ LIVRE AVEC REP. 9-13-15-16
GELIEFERT MIT HINW. 9-13-15-16
ENTREGADOS CON FOL. 9-13-15-16
DELIVERED WITH ITEMS 9-13-15-16
CONSEGNARE CON SEQU. 9-13-15-16



401.1 Jib Boom Components

Item	Part No.	Description	Qty.
1	T110420	TELESCOPE HEAD.....1 <i>GR-20J</i>	
2A	T110421	TELESCOPE HEAD.....1 <i>GR-26J, CE models</i>	
2B	216701	MAST TOP <i>GR-26J, ANSI models</i>	
3	T110050	SCREW,M16-40X8.8,ZINC.....9	
4	T110106	WASHER,M16.....9	
5	T110322	PROTECTIVE HOUSING.....1 <i>GR-20J</i>	
6	T110323	PROTECTIVE HOUSING.....1 <i>GR-26J</i>	
7	T110043	SCREW,M16-40X10.9,ZINC.....2	
8	T10087	WASHER,JZC6.....2	
9	T110085	HALF-CLAMP.....4	
10	T110084	SCREW,M6-30.....4	
11	T110165	CORK OF LOCK.....4	
12	T110269	TIE BAR W/BUSHING.....1 <i>GR-20J</i>	
13	T110268	TIE BAR W/BUSHING.....1 <i>GR-26J</i>	
14	T110134	BUSHING.....4	
15	T110285	TIE BAR W/BUSHING.....1 <i>GR-20J</i>	
16	T110284	TIE BAR W/BUSHING.....1 <i>GR-26J</i>	
17	T110134	BUSHING.....4	
18	T110263	PIN,ARTICULATING.....2	
19	T110318	LOCK PIN.....2	
20	T110048	SCREW,M8-20X8.8,ZINC.....2	

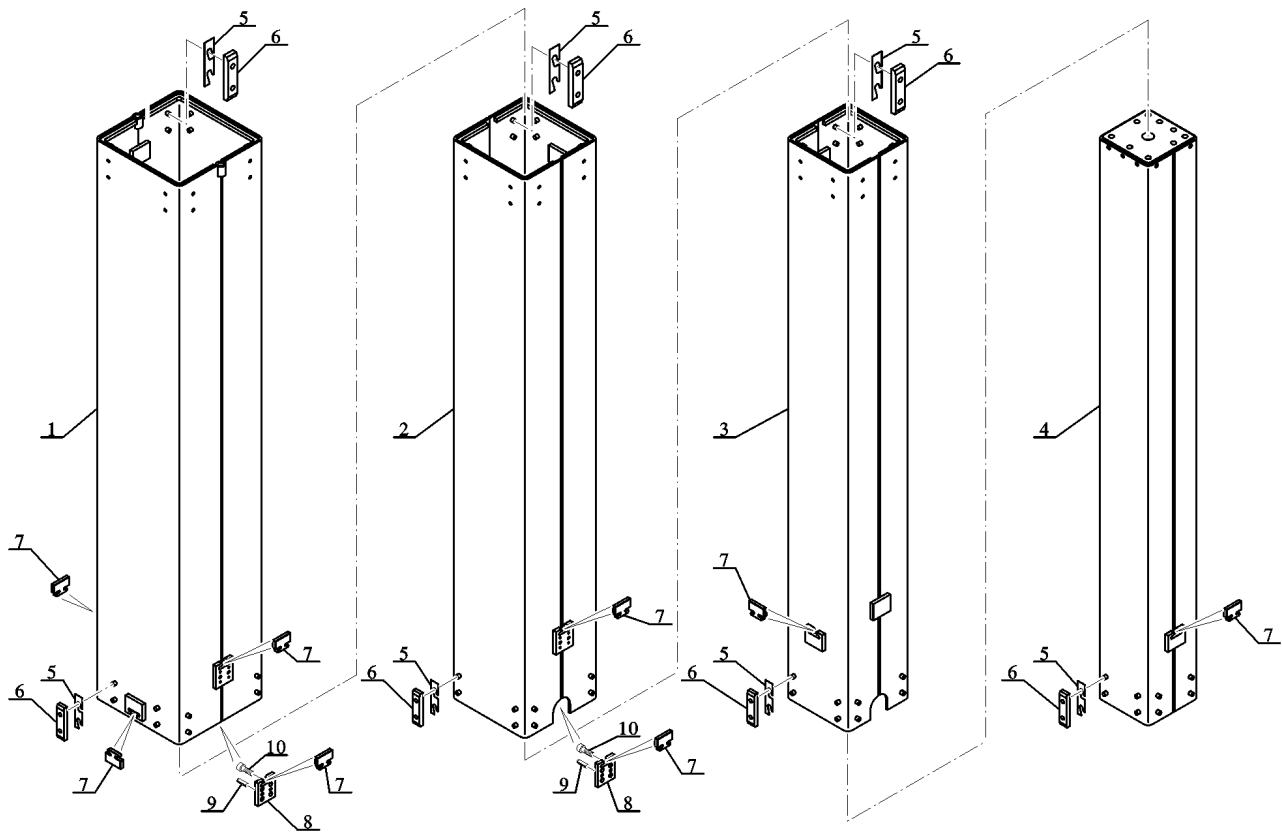
402.1 Mast Components, GR-20J



402.1 Mast Components, GR-20J

Item	Part No.	Description	Qty.
--	90337	BOE LUBE..... <i>lubricant</i>	1
1	T110275	BOOM TELESCOPE.....	1
2	T110274	BOOM TELESCOPE.....	1
3	T110277	SHIM,1MM.....	as-needed
3	T110278	SHIM,0.5MM.....	as-needed
4	T110286	SLIDE BLOCK,12MM.....	as-needed
4	T110324	SLIDE BLOCK,10MM.....	as-needed
5	T110276	STOP.....	6

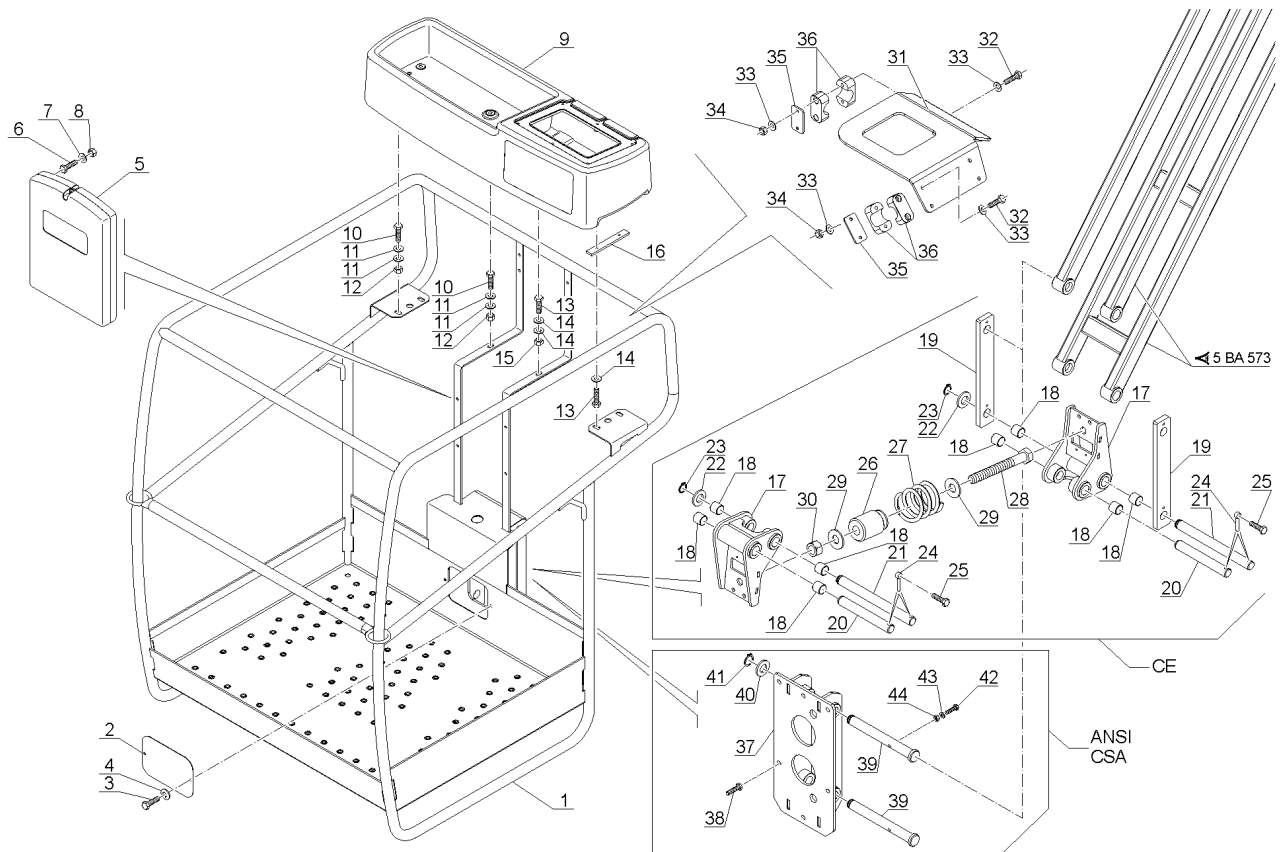
403.1 Mast Components, GR-26J



403.1 Mast Components, GR-26J

Item	Part No.	Description	Qty.
--	90337	BOE LUBE..... <i>lubricant</i>	1
1A	T110270	BOOM TELESCOPE..... <i>(CE models)</i>	1
1B	216702	TELESCOPIC BOOM SECTION 1 <i>(ANSI models)</i>	
2A	T110271	BOOM TELESCOPE..... <i>(CE models)</i>	1
2B	216703	TELESCOPIC BOOM SECTION 2 <i>(ANSI models)</i>	
3A	T110272	BOOM TELESCOPE..... <i>(CE models)</i>	1
3B	216704	TELESCOPIC BOOM SECTION 3 <i>(ANSI models)</i>	
4A	T110273	BOOM TELESCOPE..... <i>(CE models)</i>	1
4B	216705	TELESCOPIC BOOM SECTION 4 <i>(ANSI models)</i>	
5	T110277	SHIM,1MM.....	as-needed
5	T110278	SHIM,0.5MM.....	as-needed
6	T110286	SLIDE BLOCK,12MM.....	as-needed
6	T110324	SLIDE BLOCK,10MM.....	as-needed
7	T110276	STOP.....	14
8	T110367	STOP.....	4
9	T110309	PIN.....	8
10	T110033	SCREW,M6-20.....	16

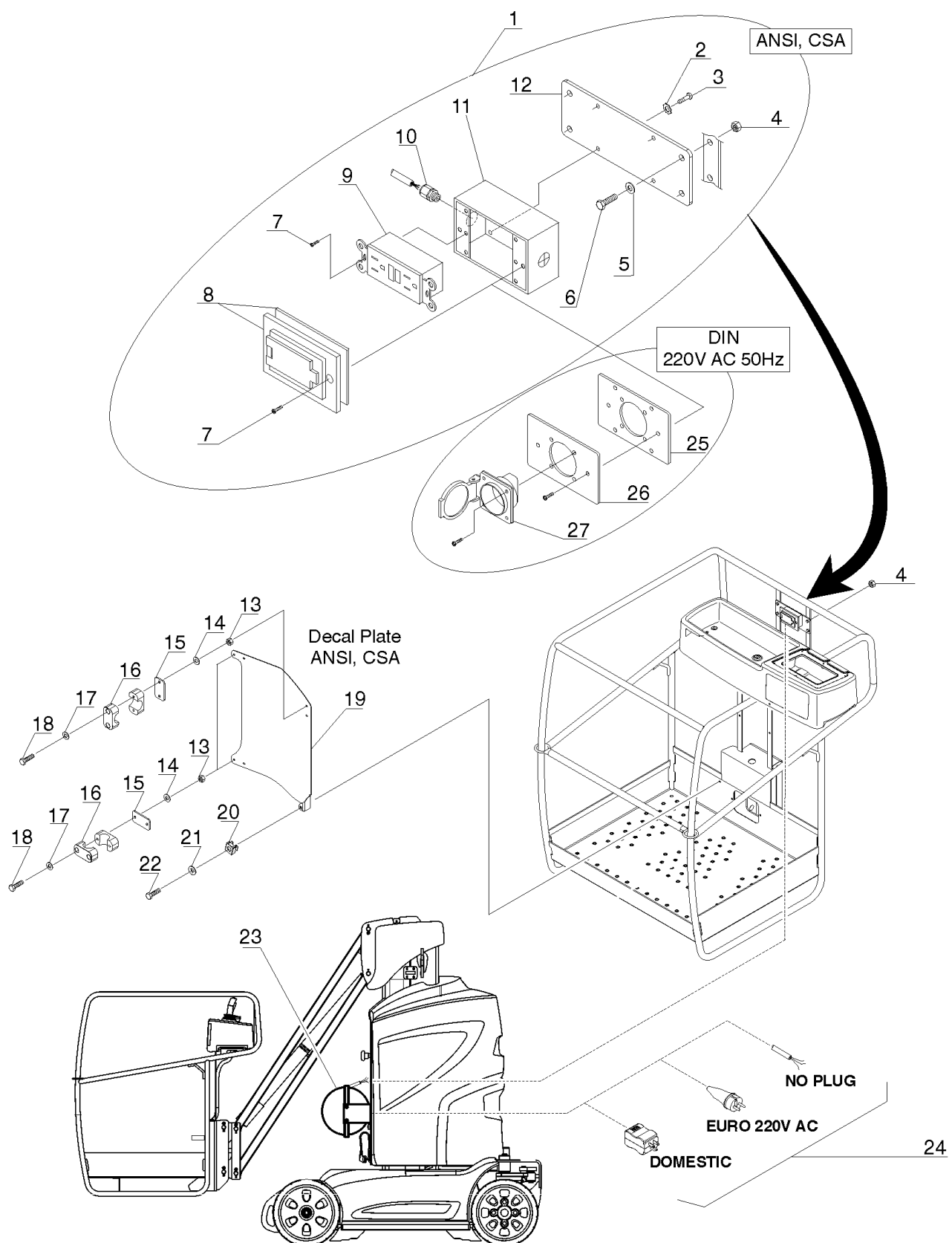
501.1 Platform, View 1



501.1 Platform, View 1

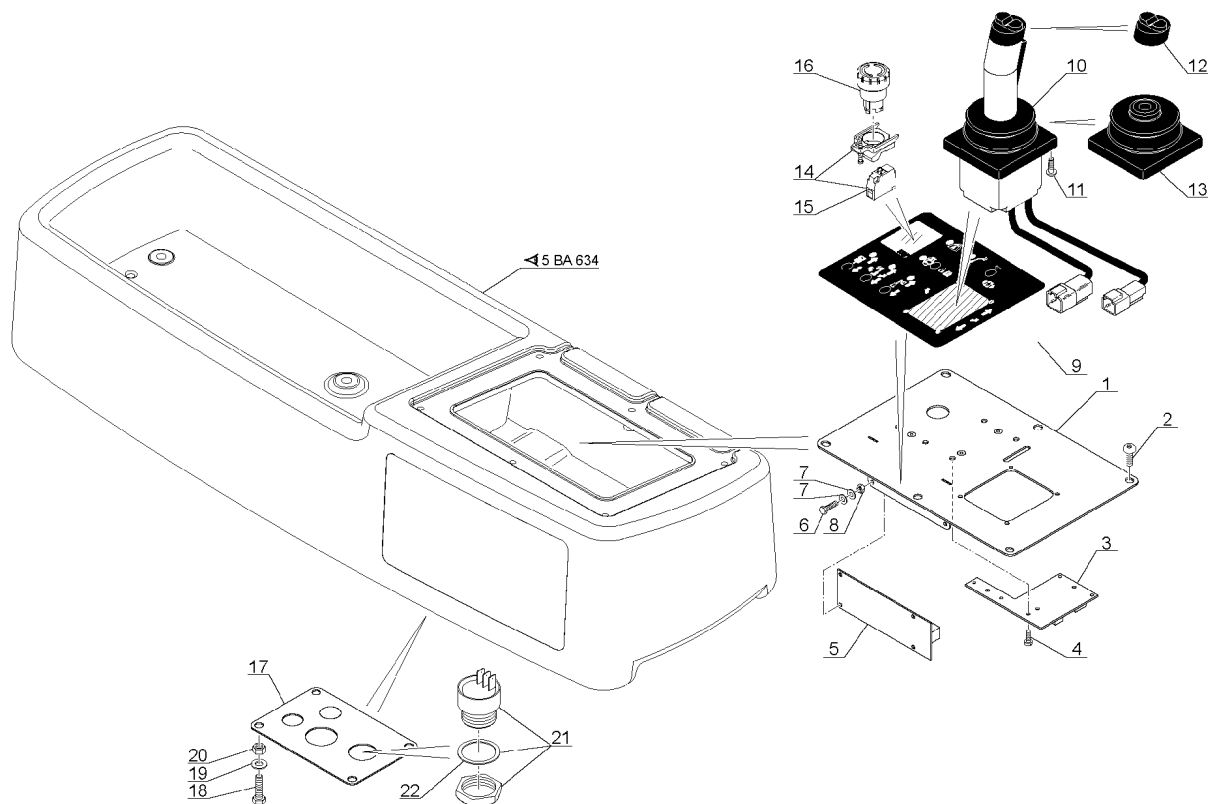
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1A	T110252	PLATFORM.....1 (CE models)		35	216718	PLATE, WASHER.....3	
--	214781	MID RAIL, PLAT ENTRY GRJ		36	216717	HALF CLAMP.....6	
1B	216706	PLATFORM, ANSI.....1 (ANSI models)		37	216707	PLATFORM MOUNTING BASE.....1	
--	214781	MID RAIL, PLAT ENTRY GRJ		38	216708	SCREW, M12-30.....5	
2	T110294	SLUDGE DOOR.....1		39	216709	PIN.....2	
3	T110053	SCREW, M6-10X8.8, ZINC.....2		40	216710	WASHER.....10	
4	T110087	WASHER.....2		41	216711	SNAP RING.....2	
5	T110121	BRIEF-CASE.....1		42	216712	SCREW, M8-60X8.8.....1	
6	T110052	SCREW, M6-20X8.8, ZINC.....4		43	216713	WASHER.....2	
7	T110035	WASHER, M6, ZINC.....4		44	216714	NUT, M8.....1	
8	T109859	NUT, M6, ZINC.....4					
9	T110424	CONSOLE, UNEQUIPPED refer to 502.1					
10	T110061	SCREW, M8-60X8.8, ZINC.....3					
11	T110064	WASHER, M8, ZINC.....6					
12	T110054	NUT, M8, ZINC.....3					
13	T110048	SCREW, M8-20X8.8, ZINC.....3					
14	T110064	WASHER, M8, ZINC.....4					
15	T110054	NUT, M8, ZINC.....1					
16	T110293	FASTENING PLATE.....1					
17	T110250	ROD WITH BUSHING.....2					
18	T110039	BUSHING.....8					
19	T110251	ROD.....2					
20	T110264	PIN, ARTICULATING.....2					
21	T110265	PIN, ARTICULATING.....2					
22	T110317	WASHER.....2					
23	T110044	CIRCLIP.....2					
24	T110318	LOCK PIN.....4					
25	T110048	SCREW, M8-20X8.8, ZINC.....4					
26	T110262	SPACER.....1					
27	T110406	SPRING.....1					
28	T110170	SCREW.....1					
29	T110065	WASHER, M12, ZINC.....2					
30	T110051	NUT, M12, ZINC.....1					
31	216783	BRACKET, PLAT PROTECTION.....1					
32	216784	SCREW, M6.....6					
33	216716	WASHER, M6.....12					
34	216719	NUT, M6.....6					

502.1 Platform, View 2



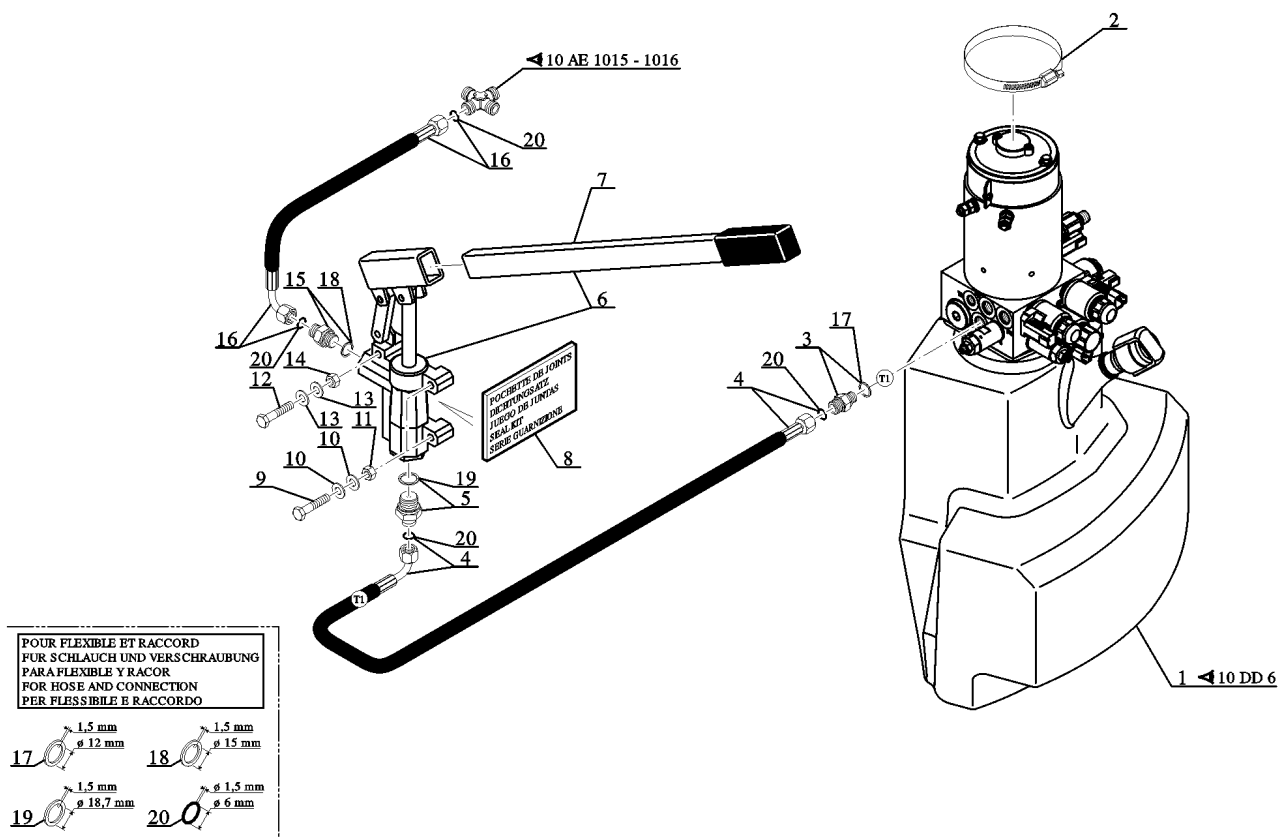
Item	Part No.	Description	Qty.
1A	218522	KIT,110V PWR TO PLAT,GRJ.....1 (includes items 2-12, 23, and 6595)	
--	6595	PLUG,ELECTRICAL,DOMESTIC (ANSI, CSA)	
2	44936	WASHER,STAR,EXTERNAL,#8.....4	
3	57075	SCREW,PHIL,8-32X.50,SELF TAP.....4	
4	6091	NUT,NYLOCK,1/4-20.....4	
5	6638	WASHER,FLAT,USS,1/4"Y.....4	
6	6888	SCREW,HHC,1/4-20 X 1.....4	
7	45546	SCREW,RHM,6-32 X .5.....2	
8	45437	COVER,GFCI,WEATHERPROOF....1	
9	13585	OUTLET,110V GFCI***.....1	
10	7056	CONN,SQUEEZE,1/2NPT .38-.50,SM.....1	
11	10775	T-BOX,2.75 X 4.5 X 2.0.....1	
12	218500	PLATE,OUTLET BOX ADAPTER.....1	
13	216719	NUT, M6.....6	
14	216716	WASHER, M6.....12	
15	216718	PLATE, WASHER.....3	
16	216717	HALF CLAMP.....6	
17	216716	WASHER, M6.....12	
18	216715	SCREW.....6	
19	216723	BRACKET, PLATFORM DECALS.....1	
20	216722	NUT, M6.....1	
21	216721	WASHER.....1	
22	216720	SCREW.....1	
23	226772	KIT,230V,REEL,PWR TO PLAT,GRJ (includes reel, brackets and fasteners)	
24		Plug Options	
--		No Plug	
--	6595	PLUG,ELECTRICAL,DOMESTIC (ANSI, CSA)	
--	6666	PLUG,ELECTRICAL,220/50,NOVON (CE)	
25	66355	GASKET, UK & DIN PWR. TO PLAT.....1 (CE)	
26	96236	PLATE,AC ADAPTER,DIN/UK***.....1 (CE)	
27	66353	RECEPTACLE, DIN, 220V 50A.....1 (CE)	

503.1 Platform Controls



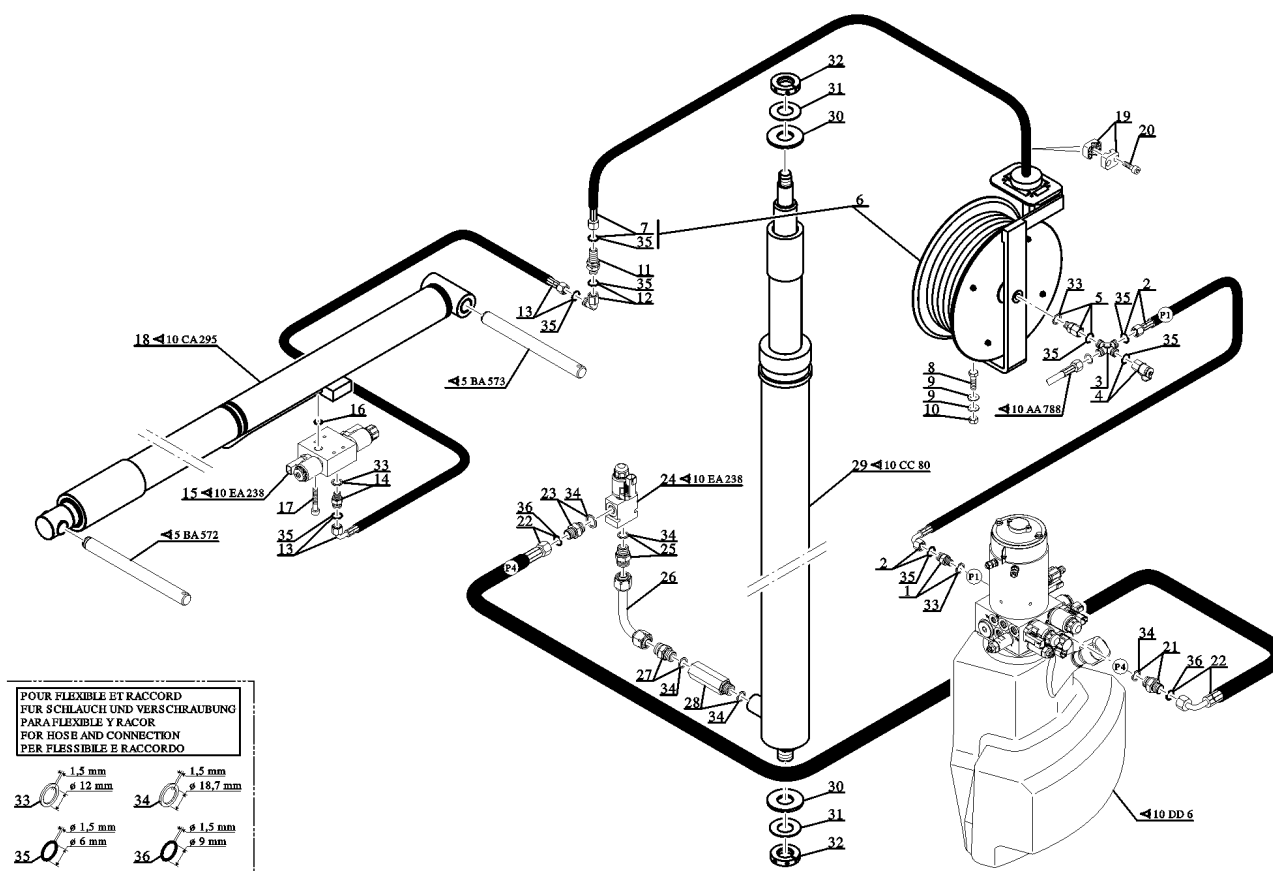
Item	Part No.	Description	Qty.
--	T110427	CONSOLE,PLAT,COMPLETE,GRJ	
1	T110336	FASTENING PLATE,PLAT CNTL,GRJ.....	1
2	T110107	SCREW,M6-12X10.9,ZINC.....	6
3	T110422	ELECTRONIC PLATE,GRJ.....	1
4	T109861	SCREW,M4.5-5,ZINC.....	3
5	T110287	ELECTRONIC PLATE,GRJ.....	1
6	T110083	SCREW,M4-10X8.8,ZN5.....	4
7	T110037	WASHER,M4,ZINC.....	8
8	T110124	NUT,M4,ZINC.....	4
9	T110425	OVERLAY,PLAT.CNTRL,GRJ.....	1
10	T110234	JOYSTICK,PLAT.CNTRL,GRJ.....	1
11	T110372	SCREW.....	4
12	T1120228	CAP,JOYSTICK,GRJ.....	1
13	T110225	BOOT,JOYSTICK,GRJ.....	1
14	T110208	BASE & CONTACT,ESTOP,GRJ.....	1
15	T110227	CONTACT,ESTOP,GRJ.....	1
16	T110226	BUTTON,ESTOP,GRJ.....	1
17	T110337	FASTENING PLATE,PLAT CNTL,GRJ.....	1
18	T110167	SCREW.....	4
19	T109858	WASHER,M6,ZN.....	4
20	T109859	NUT,M6,ZINC.....	4
21	T110370	HORN,GRJ.....	1
22	T110371	SEAL,HORN,GRJ.....	1
23	T110423	MODULUS..... <i>NOT ON FIGURE</i>	1
24	T110116	SCREW,M4-12X10.9,ZN5..... <i>NOT ON FIGURE</i>	2
25	T110037	WASHER,M4,ZINC..... <i>NOT ON FIGURE</i>	4
26	T110124	NUT,M4,ZINC..... <i>NOT ON FIGURE</i>	2

601.1 Principle Circuit



Item	Part No.	Description	Qty.
1		Ref., HYDRAULIC POWER UNIT.....1 <i>refer to 612.1</i>	
2	T110117	CLAMP.....1	
3	T110102	CONNECTION.....1	
4	T110109	HOSE.....1	
5	T110120	CONNECTION.....1	
6	T110307	PUMP,MANUAL.....1	
7		REF.....1	
8		REF.....1	
9	T110060	SCREW,M8-45X8.8,ZINC.....2	
10	T110064	WASHER,M8,ZINC.....4	
11	T110054	NUT,M8,ZINC.....2	
12	T110061	SCREW,M8-60X8.8,ZINC.....1	
13	T110064	WASHER,M8,ZINC.....2	
14	T110054	NUT,M8,ZINC.....1	
15	T110114	CONNECTION.....1	
16	T110172	HOSE.....1	
17	T110090	SEAL.....as-needed	
18	T110099	SEAL.....as-needed	
19	T110091	SEAL.....as-needed	
20	T110095	O-RING.....as-needed	

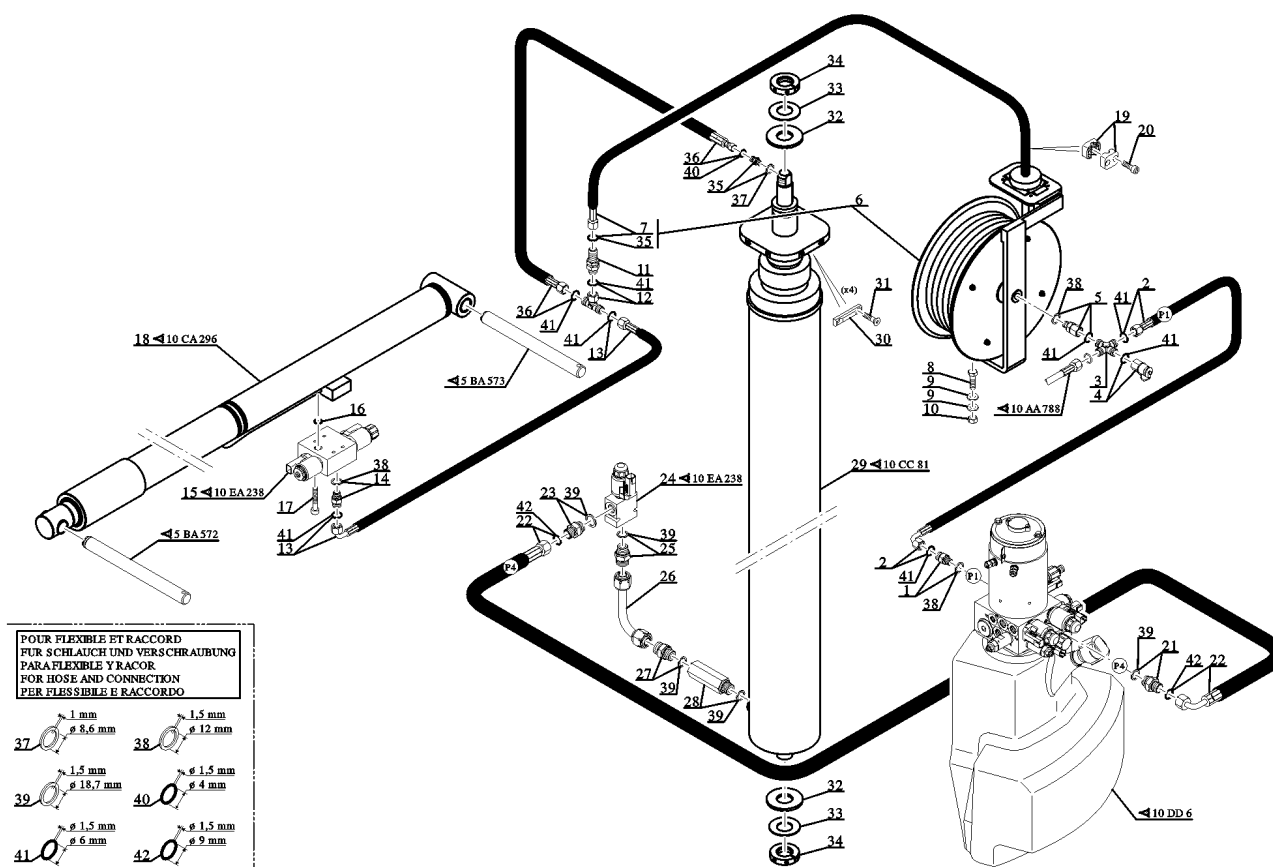
602.1 Lifting/Telescope Circuit, GR-20J



602.1 Lifting/Telescope Circuit, GR-20J

Item	Part No.	Description	Qty.
1	T110102	CONNECTION.....	1
2	T110139	HOSE.....	1
3	T110096	CONNECTION.....	1
4	T110224	PRESSURE TEST.....	1
5	T110127	CONNECTION.....	1
6	T110260	HYDRAULIC HOSE REEL.....	1
7		REF.....	1
8	T110070	SCREW,M10-35X8.8,ZINC.....	2
9	T110038	WASHER,M10,ZINC.....	4
10	T110056	NUT,M10,ZINC.....	2
11	T110111	CONNECTION.....	1
12	T110130	CONNECTION.....	1
13	T110126	HOSE.....	1
14	T110102	CONNECTION.....	1
15	T110283	BLOCK,RELIEF VALVE.....	1
16	T110373	O-RING.....	1
17	T110231	SCREW,M6-45X8.8,ZINC.....	4
18		Ref., JIB CYLINDER <i>refer to 606.1</i>	
19	T110085	HALF-CLAMP.....	2
20	T110082	SCREW,M6-25,ZINC.....	2
21	T110100	CONNECTION.....	1
22	T110233	HOSE.....	1
23	T110100	CONNECTION.....	1
24	T110282	BLOCK,RELIEF VALVE.....	1
25	T110123	CONNECTION.....	1
26	T110369	HYDRAULIC TUBE.....	1
27	T110123	CONNECTION.....	1
28	T110368	CONNECTION.....	1
29		Ref., LIFT CYLINDER <i>refer to 608.1</i>	
30	T110145	WASHER.....	2
31	T110144	WASHER,30X60X3,ZINC.....	2
32	T110146	SNAP RING.....	2
33	T110090	SEAL.....as-needed	
34	T110091	SEAL.....as-needed	
35	T110095	O-RING.....as-needed	
36	T110098	O-RING.....as-needed	

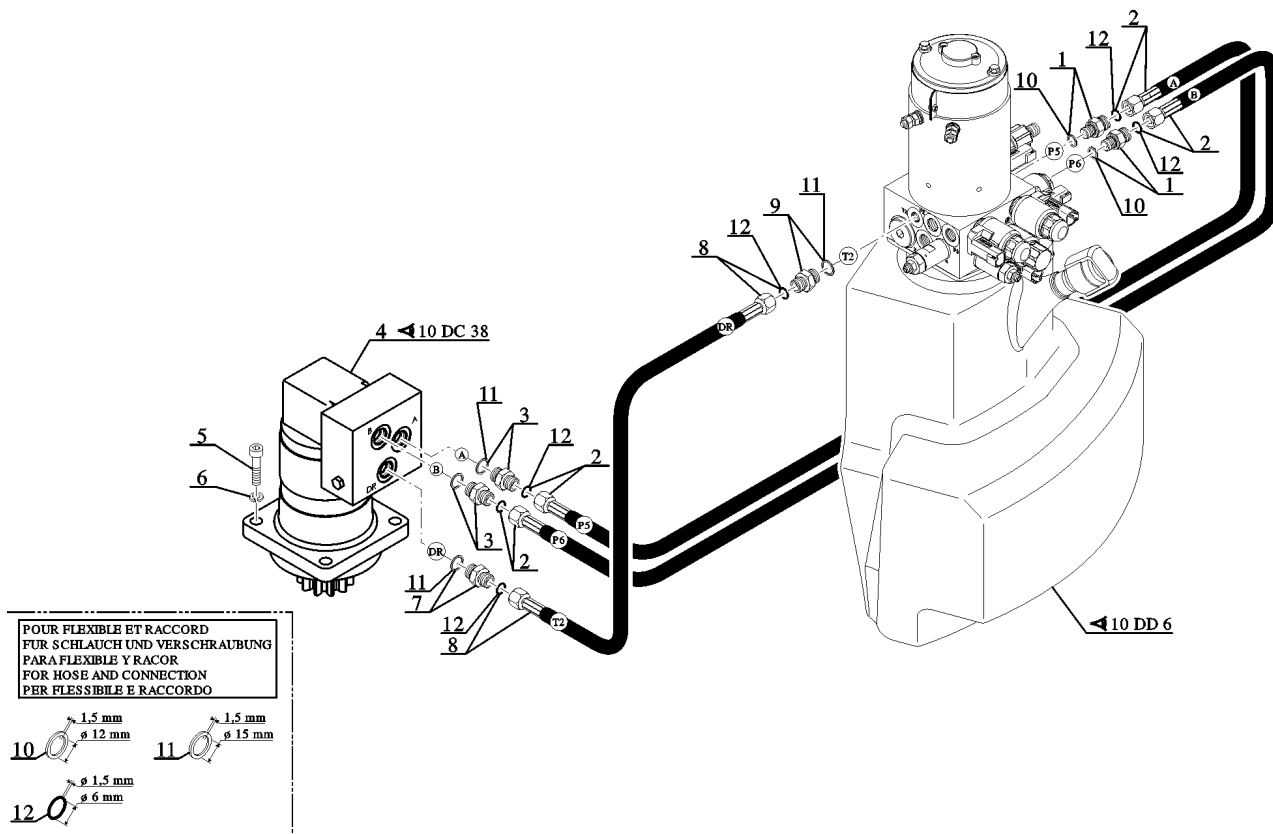
603.1 Lifting/Telescope Circuit, GR-26J



603.1 Lifting/Telescope Circuit, GR-26J

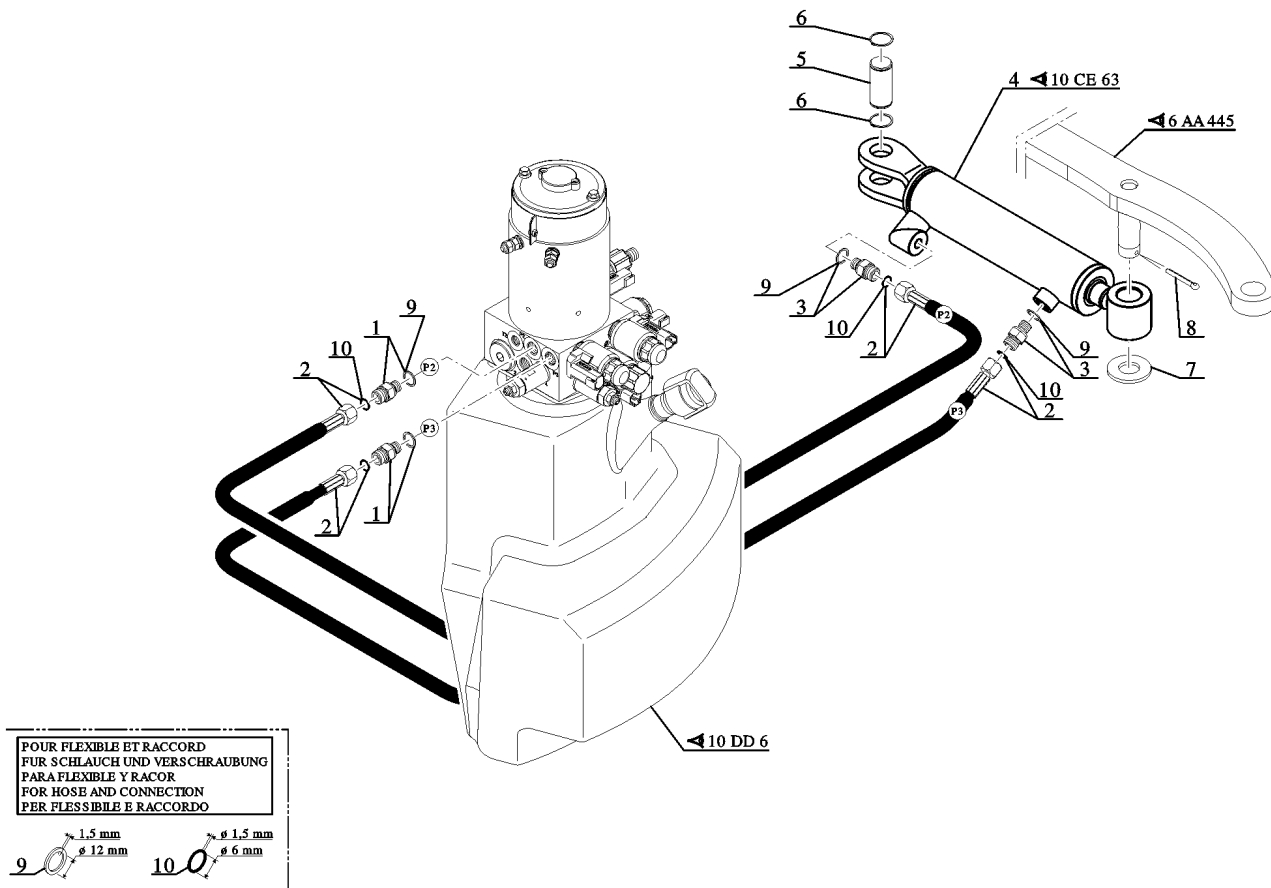
Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	T110102	CONNECTION.....	1	39	T110091	SEAL.....as-needed	
2	T110139	HOSE.....	1	40	T110125	O-RING.....as-needed	
3	T110096	CONNECTION.....	1	41	T110095	O-RING.....as-needed	
4	T110224	PRESSURE TEST.....	1	42	T110098	O-RING.....as-needed	
5	T110127	CONNECTION.....	1				
6	T110260	HYDRAULIC HOSE REEL.....	1				
7		REF.....	1				
8	T110070	SCREW,M10-35X8.8,ZINC.....	2				
9	T110038	WASHER,M10,ZINC.....	4				
10	T110056	NUT,M10,ZINC.....	2				
11	T110111	CONNECTION.....	1				
12	T110108	CONNECTION.....	1				
13	T110126	HOSE.....	1				
14	T110102	CONNECTION.....	1				
15	T110283	BLOCK,RELIEF VALVE.....	1				
16	T110373	O-RING.....	1				
17	T110231	SCREW,M6-45X8.8,ZINC.....	4				
18		Ref., JIB CYLINDER <i>refer to 607.1</i>					
19	T110085	HALF-CLAMP.....	2				
20	T110082	SCREW,M6-25,ZINC.....	2				
21	T110100	CONNECTION.....	1				
22	T110233	HOSE.....	1				
23	T110100	CONNECTION.....	1				
24	T110282	BLOCK,RELIEF VALVE.....	1				
25	T110123	CONNECTION.....	1				
26	T110369	HYDRAULIC TUBE.....	1				
27	T110123	CONNECTION.....	1				
28	T110368	CONNECTION.....	1				
29		Ref., LIFT CYLINDER <i>refer to 609.1</i>					
30	T110408	SLIDE BLOCK.....	4				
31	T110068	SCREW,M6-16X10.9,ZINC.....	8				
32	T110145	WASHER.....	2				
33	T110144	WASHER,30X60X3,ZINC.....	2				
34	T110146	SNAP RING.....	2				
35	T110135	CONNECTION.....	1				
36	T110138	HOSE.....	1				
37	T110118	SEAL.....as-needed					
38	T110090	SEAL.....as-needed					

604.1 Rotation Circuit



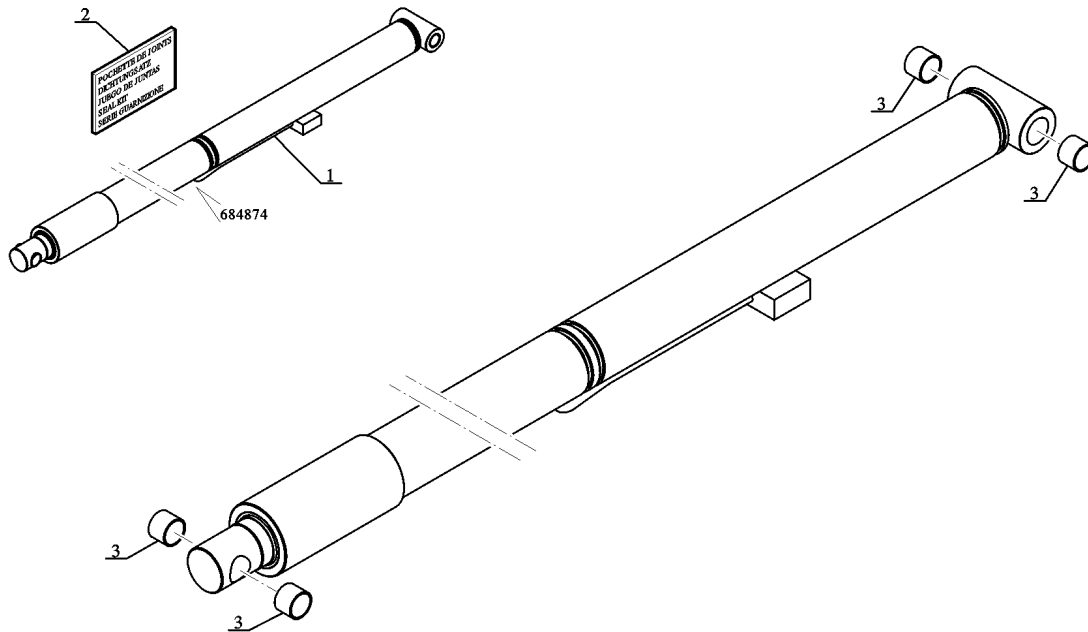
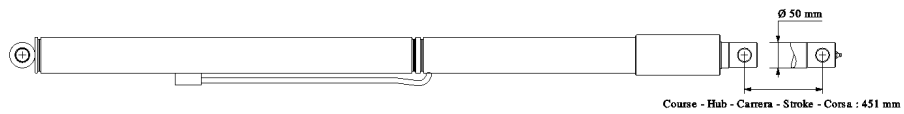
Item	Part No.	Description	Qty.
1	T110102	CONNECTION.....	2
2	T110137	HOSE.....	2
3	T110312	CONNECTION.....	2
4	T110143	MOTOR,ROTATION.....	1
5	T110148	SCREW,M12-40X12.9,ZINC.....	4
6	T110046	WASHER,W12.....	4
7	T110312	CONNECTION.....	1
8	T110136	HOSE.....	1
9	T110114	CONNECTION.....	1
10	T110090	SEAL.....as-needed	
11	T110099	SEAL.....as-needed	
12	T110095	O-RING.....as-needed	

605.1 Steering Circuit



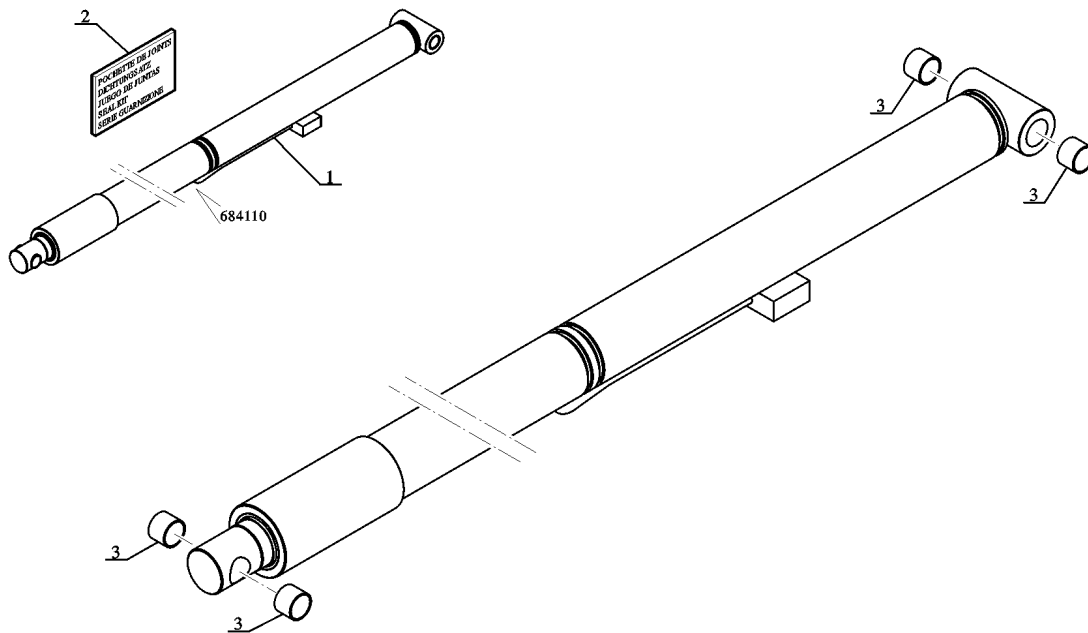
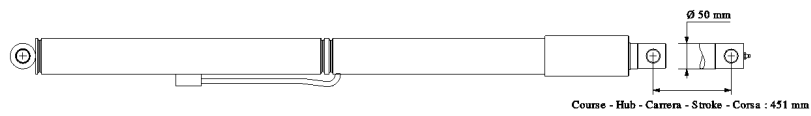
Item	Part No.	Description	Qty.
1	T110102	CONNECTION.....	2
2	T110133	HOSE.....	2
3	T110102	CONNECTION.....	2
4		Ref., STEER CYLINDER <i>refer to 610.1</i>	
5	T110168	PIN,ARTICULATING.....	1
6	T110044	CIRCLIP.....	2
7	T110066	WASHER,M24,ZINC.....	1
8	T110080	PIN,ARTICULATING.....	1
9	T110090	SEAL.....	as-needed
10	T110095	O-RING.....	as-needed

606.1 Jib Cylinder, GR-20J



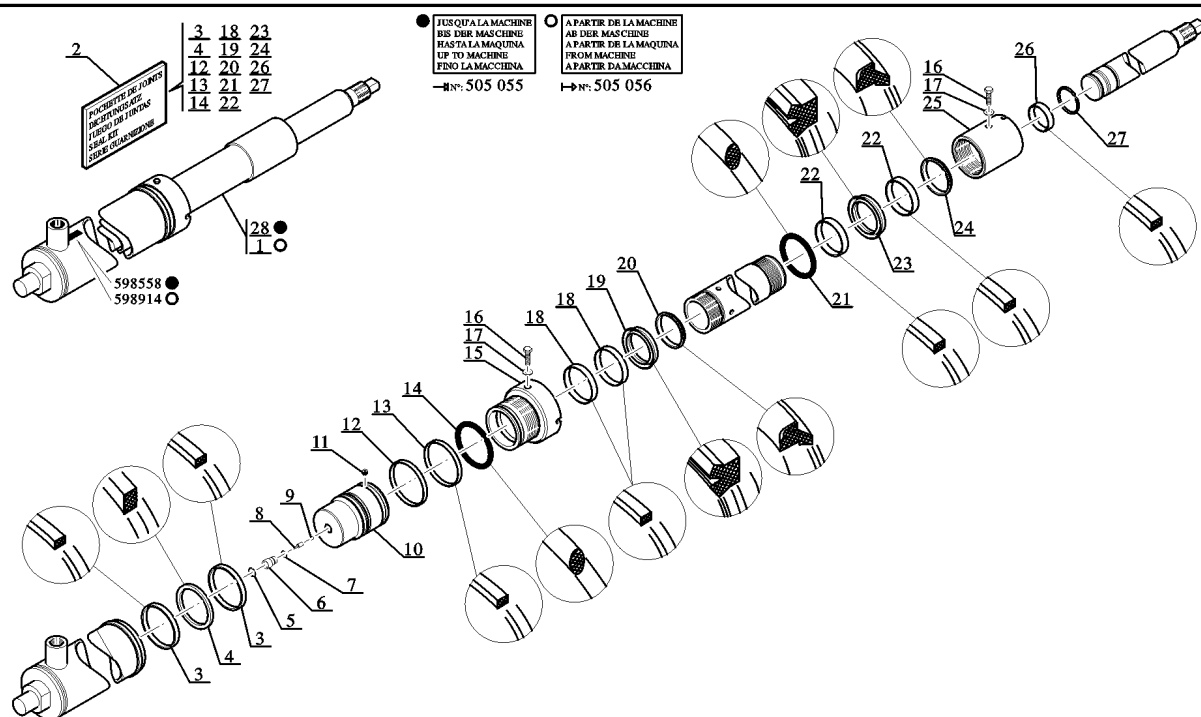
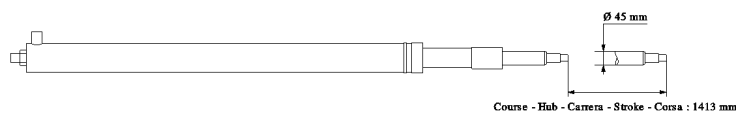
Item	Part No.	Description	Qty.
1	T110266	CYLINDER,PENDULAR ARM,GR20J.....	1
2	T110380	SEAL KIT..... <i>for T110266</i>	1
3	T110376	BUSHING.....	4

607.1 Jib Cylinder, GR-26J



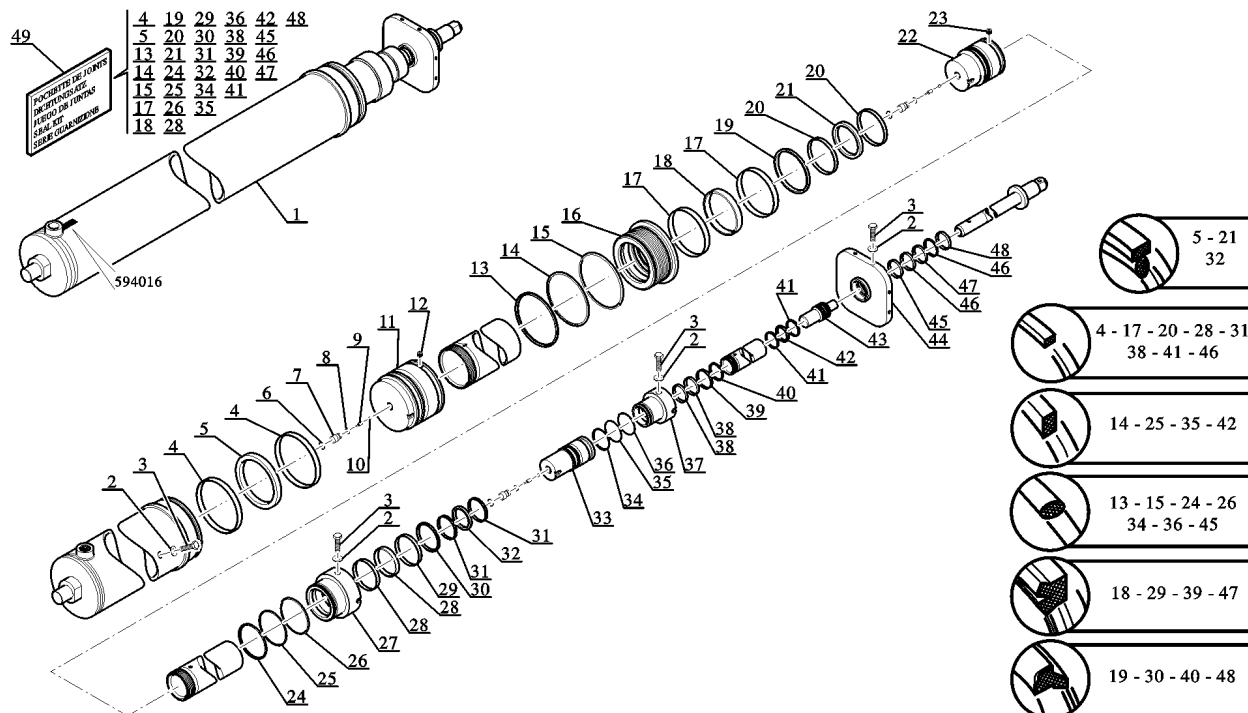
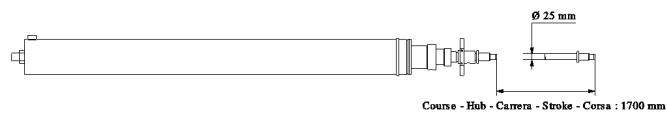
Item	Part No.	Description	Qty.
1	T110255	CYLINDER,PENDULAR ARM,GR26J.....	1
2	T110380	SEAL KIT..... <i>for T110255</i>	1
3	T110376	BUSHING.....	4

608.1 Lift Cylinder, GR-20J



Item	Part No.	Description	Qty.
1	T110173	CYLINDER,TELESCOPE,GR20J.....1	1
2	T110210	SEAL KIT.....1 <i>for T110173 (includes items 3-4, 12-14, 18-24 and 26-27)</i>	1
3	T110162	GUIDE RING.....2	2
4	T110151	SEAL.....1	1
5	T110175	CIRCLIP.....1	1
6	T110176	VALVE BODY.....1	1
7	T110177	O-RING.....1	1
8	T110152	PIN.....1	1
9	T110156	BALL.....1	1
10	T110179	CYLINDER PISTON,80MM DIA.....1	1
11	T110158	SCREW.....1	1
12	T110187	O-RING.....1	1
13	T110188	ANTI-EXTRUSION SEAL.....1	1
14	T110190	O-RING.....1	1
15	T110191	FASTENING RING.....1	1
16	T110185	BLEEDER SCREW.....2	2
17	T110186	WASHER.....2	2
18	T110189	SEAL.....2	2
19	T110192	SEAL.....1	1
20	T110193	SEAL.....1	1
21	T110104	O-RING.....1	1
22	T110207	SEAL.....1	1
23	T110112	ROD SEAL.....1	1
24	T110079	SEAL.....1	1
25	T110211	FASTENING RING.....1	1
26	T110113	GUIDE.....1	1
27	T110081	SNAP RING.....1	1
28	T110171	TELESCOPE CYLINDER.....1	1

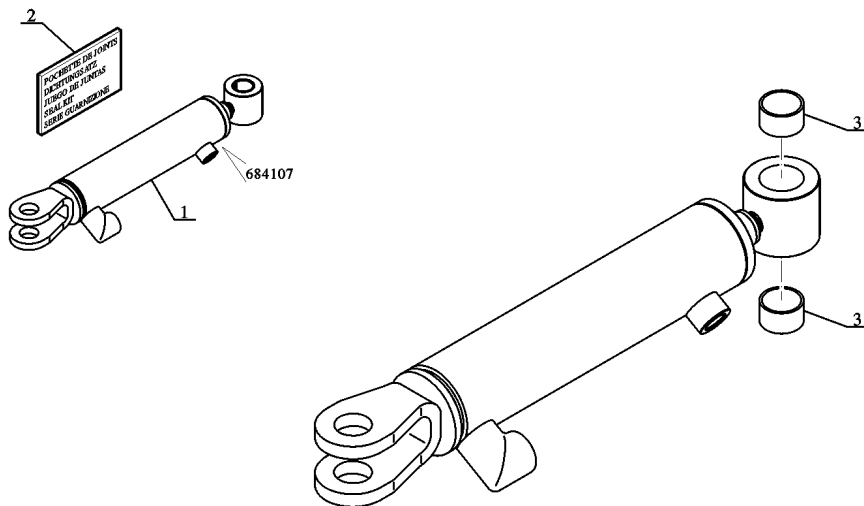
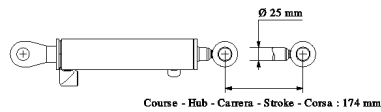
609.1 Lift Cylinder, GR-26J



609.1 Lift Cylinder, GR-26J

Item	Part No.	Description	Qty.	Item	Part No.	Description	Qty.
1	T110166	CYLINDER,TELESCOPIC,GR26J.....	1	41	T110182	SEAL.....	2
2	T110186	WASHER.....	4	42	T110163	SEAL.....	1
3	T110212	BLEEDER SCREW.....	4	43	T110181	CYLINDER PISTON,32MM DIA.....	1
4	T110153	SEAL.....	2	44	T110196	FASTENING RING.....	1
5	T110154	SEAL.....	1	45	T110197	O-RING.....	1
6	T110175	CIRCLIP.....	3	46	T110157	SEAL.....	2
7	T110176	VALVE BODY.....	3	47	T110103	SEAL.....	1
8	T110157	SEAL.....	3	48	T110198	SEAL.....	1
9	T110152	PIN.....	3	49	T110199	SEAL KIT.....	1
10	T110156	BALL.....	3	<i>for T110166 (includes items 4-5,</i>			
11	T110178	CYLINDER PISTON,120MM DIA.....	1	<i>13-15, 17-21, 24-26, 28-32, 34-36,</i>			
12	T110155	SCREW,M8-14.....	1	<i>38-42 and 45-48)</i>			
13	T110184	O-RING.....	1				
14	T110161	ANTI-EXTRUSION SEAL.....	1				
15	T110093	O-RING.....	1				
16	T110209	FASTENING RING.....	1				
17	T110183	SEAL.....	2				
18	T110030	SEAL.....	1				
19	T110086	SEAL.....	1				
20	T110150	SEAL.....	2				
21	T110151	SEAL.....	1				
22	T110213	CYLINDER PISTON,80MM DIA.....	1				
23	T110158	SCREW.....	1				
24	T110187	O-RING.....	1				
25	T110188	ANTI-EXTRUSION SEAL.....	1				
26	T110190	O-RING.....	1				
27	T110191	FASTENING RING.....	1				
28	T110189	SEAL.....	2				
29	T110192	SEAL.....	1				
30	T110193	SEAL.....	1				
31	T110180	SEAL.....	2				
32	T110149	SEAL.....	1				
33	T110214	CYLINDER PISTON,50MM DIA.....	1				
34	T110094	O-RING.....	1				
35	T110092	ANTI-EXTRUSION SEAL.....	1				
36	T110089	O-RING.....	1				
37	T110194	FASTENING RING.....	1				
38	T110159	SEAL.....	2				
39	T110195	SEAL.....	1				
40	T110029	SEAL.....	1				

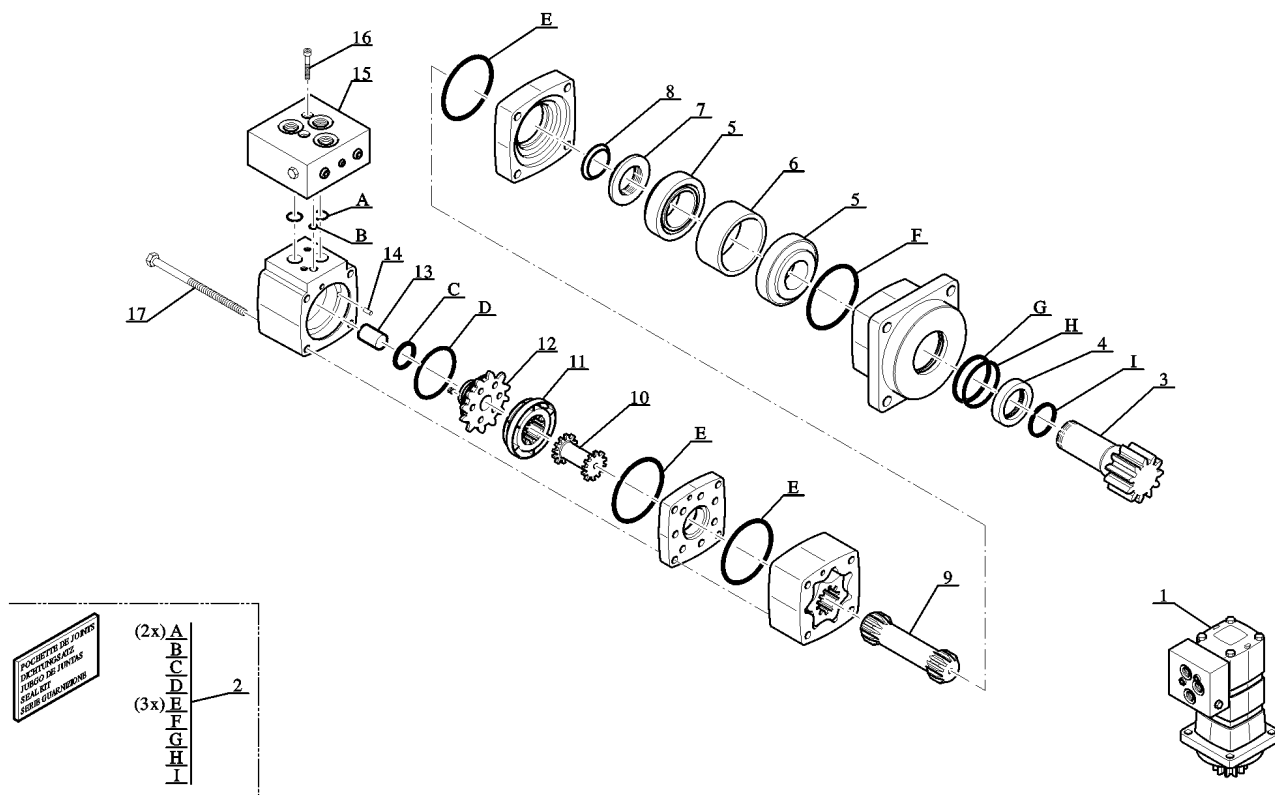
610.1 Steer Cylinder



610.1 Steer Cylinder

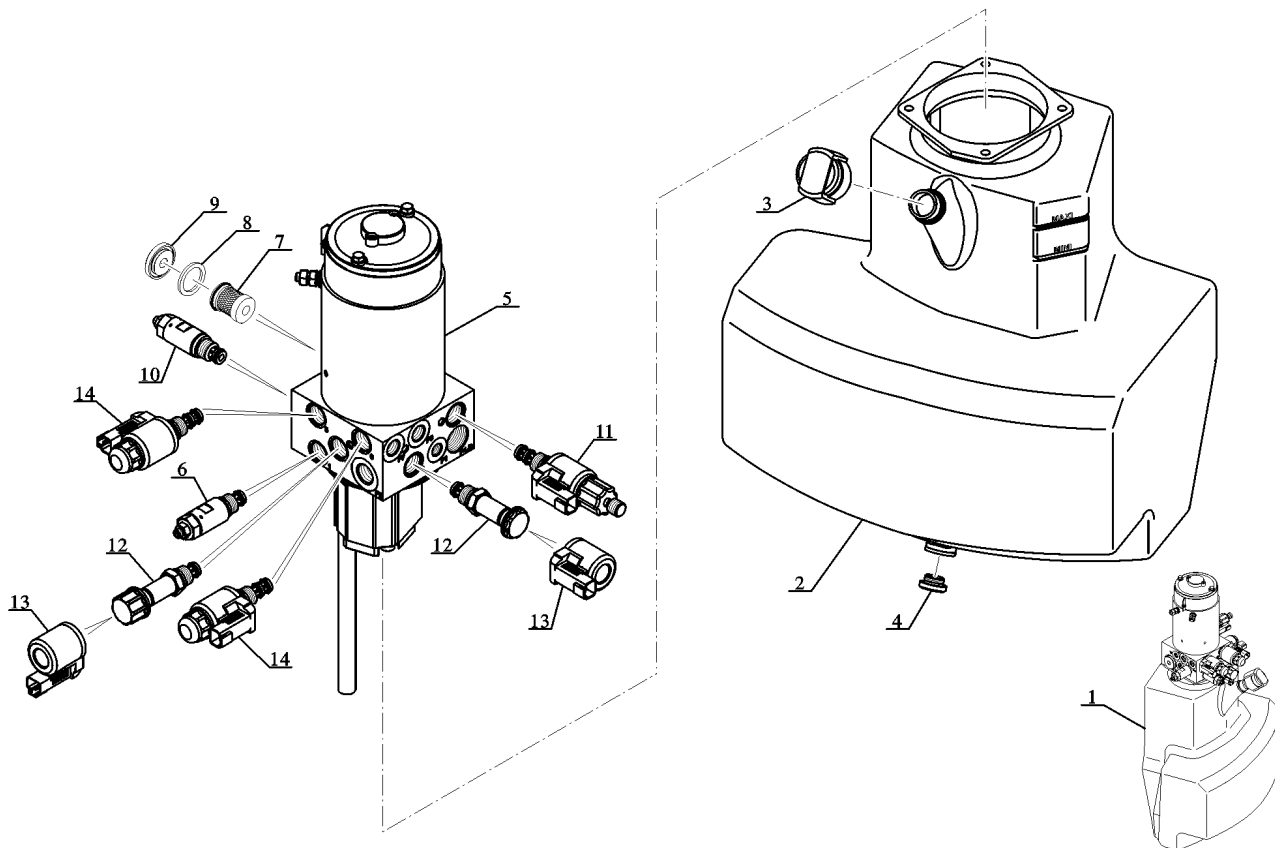
Item	Part No.	Description	Qty.
1	T110254	CYLINDER,STEERING,GRJ.....	1
2	T110223	SEAL KIT,STEER CYL (TXXXXXX)..... <i>for T110254</i>	1
3	T110376	BUSHING.....	2

611.1 Rotation Motor



Item	Part No.	Description	Qty.
1	T110143	MOTOR,ROTATION.....	1
2	T110201	KIT,SEAL (TXXXXXX)..... <i>for T110143</i>	1
3	T110215	DRIVE SHAFT.....	1
4	T110206	BUSHING.....	1
5	T110203	BEARING.....	2
6	T110202	SPACER.....	1
7	T110216	NUT.....	1
8	T110222	SPRING WASHER.....	1
9	T110217	CARDAN.....	1
10	T110218	PIN,CENTERING.....	1
11	T110160	VALVE.....	1
12	T110219	VALVE BANK.....	1
13	T110220	SPACER.....	1
14	T110205	PIN,CENTERING.....	1
15	T110200	VALVE BLOCK.....	1
16	T110221	SCREW.....	2
17	T110204	SCREW,M10-160.....	4

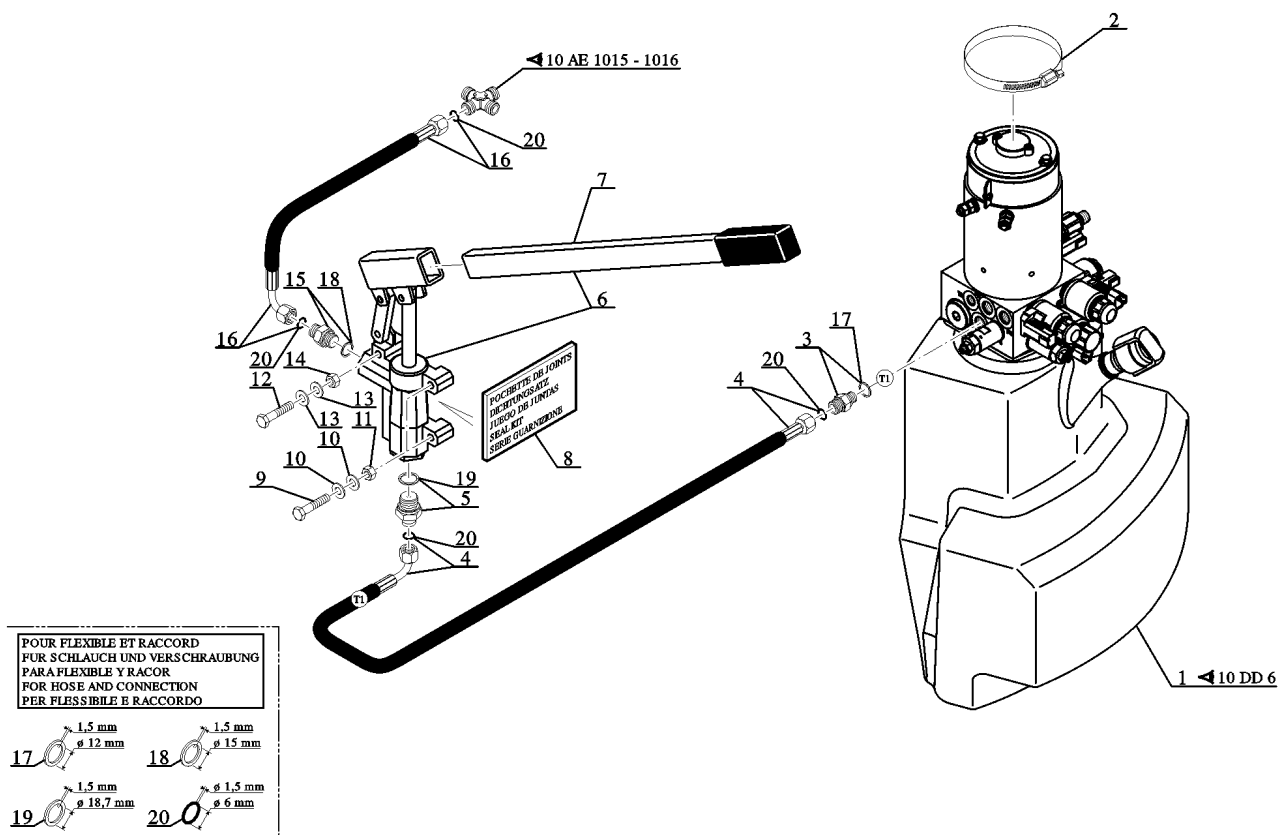
612.1 Principal Pump



612.1 Principal Pump

Item	Part No.	Description	Qty.
1A	T110253	HYDRAULIC UNIT,COMPLETE.....1 (CE)	
1B	216735	HYDRAULIC UNIT.....1 (ANSI, CSA)	
2	T110418	TANK,OIL,GRJ.....1	
3	T110398	PLUG.....1	
4	T110399	PLUG.....1	
5	T110400	ENGINE.....1	
6	T110391	RELIEF VALVE.....1	
7	T110375	ACCUMULATOR,HYDRAULIC,GRJ.1	
8	T110392	SEAL.....1	
9	T110374	PLUG.....1	
10	T110393	RELIEF VALVE.....1	
11	T110394	ELECTROVALVE.....1	
12	T110395	VALVE.....2	
13	T110396	COIL,MAGNET.....2	
14	T110397	ELECTROVALVE.....1	

601.1 Principle Circuit



601.1 Principle Circuit

Item	Part No.	Description	Qty.
1		Ref., HYDRAULIC POWER UNIT.....1 <i>refer to 612.1</i>	
2	T110117	CLAMP.....	1
3	T110102	CONNECTION.....	1
4	T110109	HOSE.....	1
5	T110120	CONNECTION.....	1
6	T110307	PUMP,MANUAL.....	1
7		REF.....	1
8		REF.....	1
9	T110060	SCREW,M8-45X8.8,ZINC.....	2
10	T110064	WASHER,M8,ZINC.....	4
11	T110054	NUT,M8,ZINC.....	2
12	T110061	SCREW,M8-60X8.8,ZINC.....	1
13	T110064	WASHER,M8,ZINC.....	2
14	T110054	NUT,M8,ZINC.....	1
15	T110114	CONNECTION.....	1
16	T110172	HOSE.....	1
17	T110090	SEAL.....as-needed	
18	T110099	SEAL.....as-needed	
19	T110091	SEAL.....as-needed	
20	T110095	O-RING.....as-needed	

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California Proposition 65

Warning

The exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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