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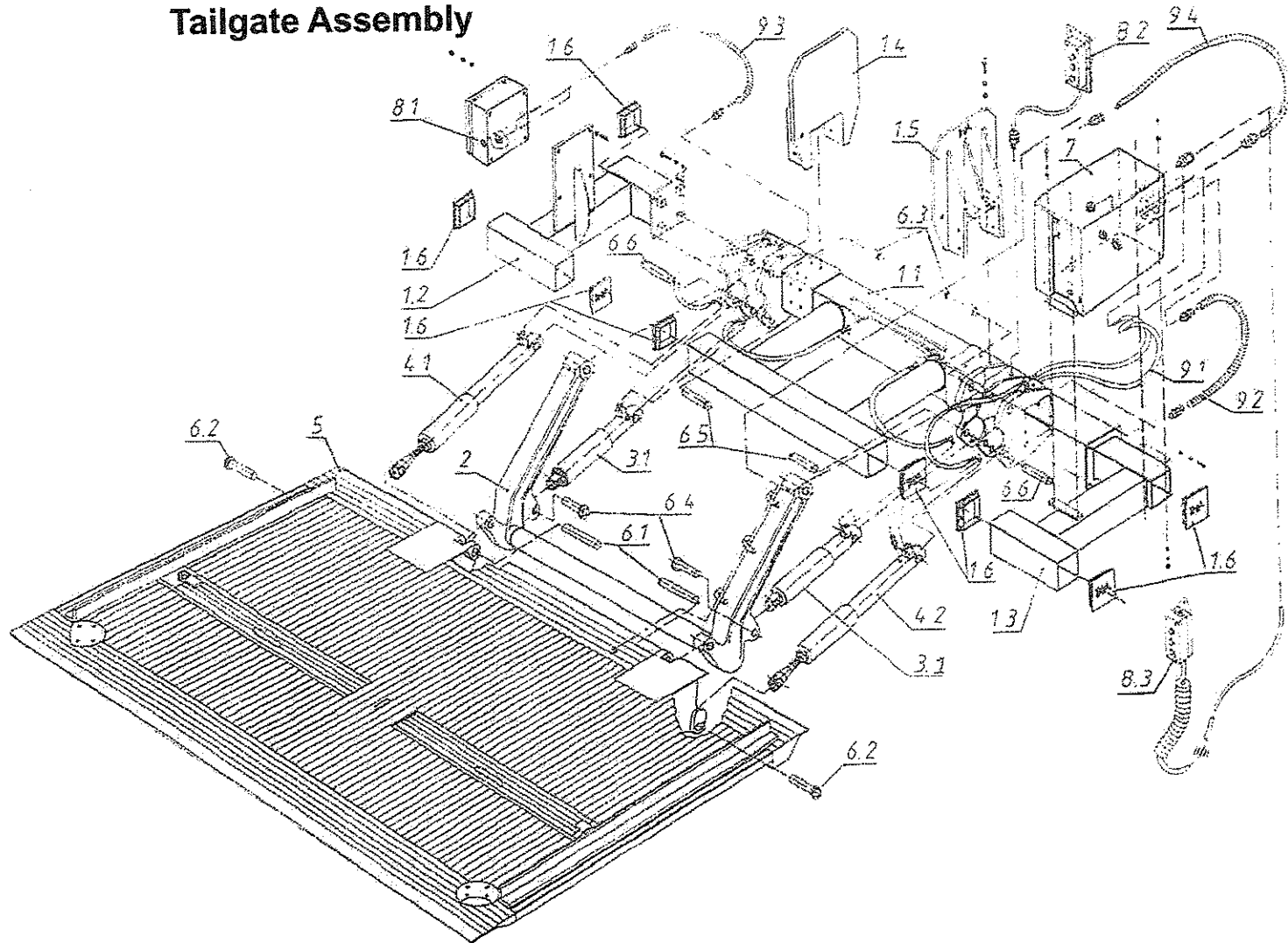
SPARE PARTS CATALOG

MODELS COVERED BY THIS MANUAL ARE:

LA-2200

LA-3300

Tailgate Assembly



Tailgate Assembly

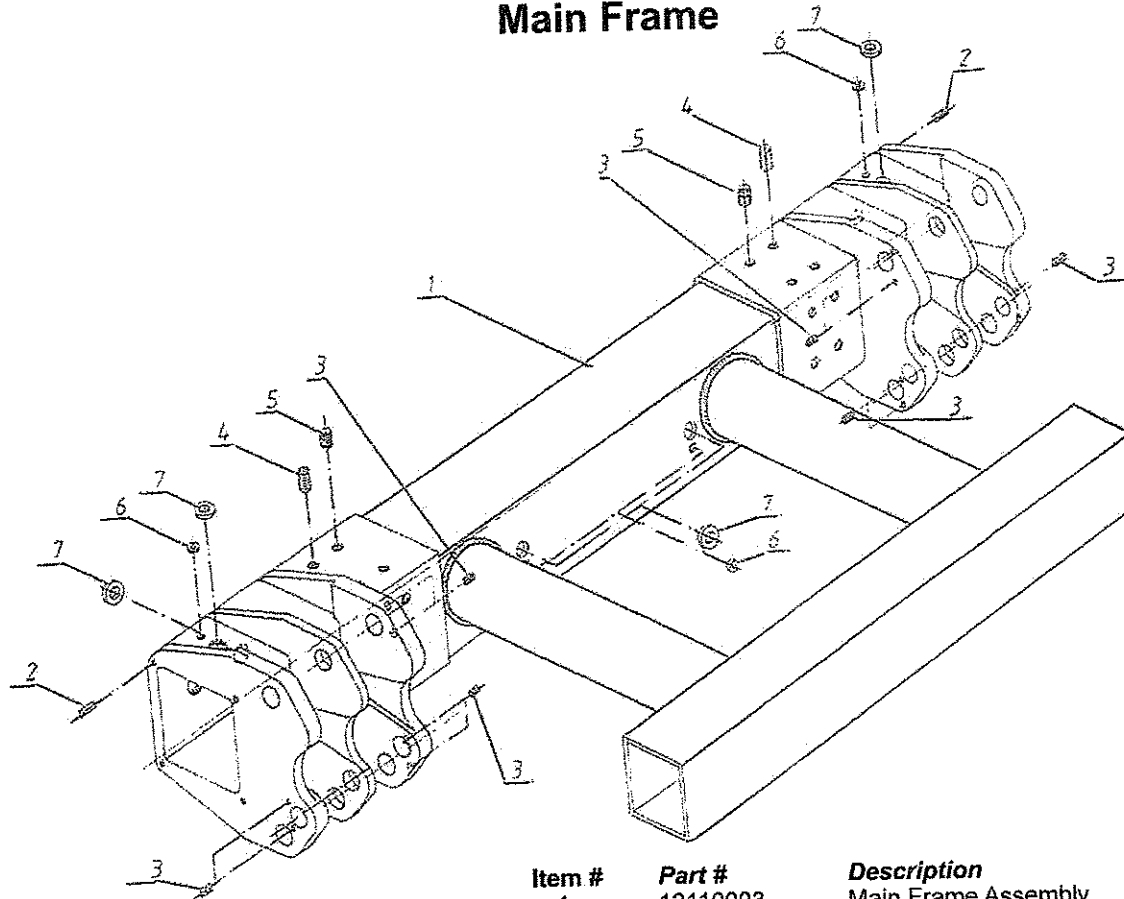
Item #	Part #	Description	Quantity
1.1	12110003	Main Frame Assembly	1
1.2	12900313	*** Bumper Bar, Left	1
1.3	12900312	*** Bumper Bar, Right	1
1.4	12100157	Mounting Bracket, Left	1
1.5	12100152	Mounting Bracket, Right	1
1.6	12000093	Plastic Cover, Bumper Bar	8
2	12110114	Lift Arm, Short	1
	12110115	Lift Arm, Middle	1
	12110116	Lift Arm, Long	1
3.1	12210021	Lift Cylinder, R/L 50mm	1
4.1	12210025	* Tilt Cylinder, L Short Arm	1
	12210027	* Tilt Cylinder, L Middle/Long Arm	1
4.2	12210024	* Tilt Cylinder, R Short Arm	1
	12210026	* Tilt Cylinder, R Middle/Long Arm	1
5		** Platform, Complete	1
6.1	12200017	Pin, Lift Arm Front	2
6.2	12200019	Pin, Tilt Cylinder Front	2
6.3	12200030	Pin, Lift Arm Rear	2
6.4	12200015	Pin, Lift Cylinder Front	2
6.5	12200031	Pin, Lift Cylinder Rear	2
6.6	12200032	Pin, Tilt Cylinder Rear	2
7	11410060	Power Pack 12 volt MHW-89-1	1
8.1	11510000	Master Control Box	1
8.2	11510035	3-Button Control Flush Mount	1
8.3	11510031	3-Button Hand Control w/Spiral Cable	1
9.1	12710022	Hydraulic Hose Assys „Complete“	1
9.2	11500176	Conduit, for Harness, Right	1
9.3	11500175	Conduit, for Harness, Left	1
9.4	11500174	Conduit for Power Pack	1

* Without Clevis, Valve & Fittings

** Call factory for pricing

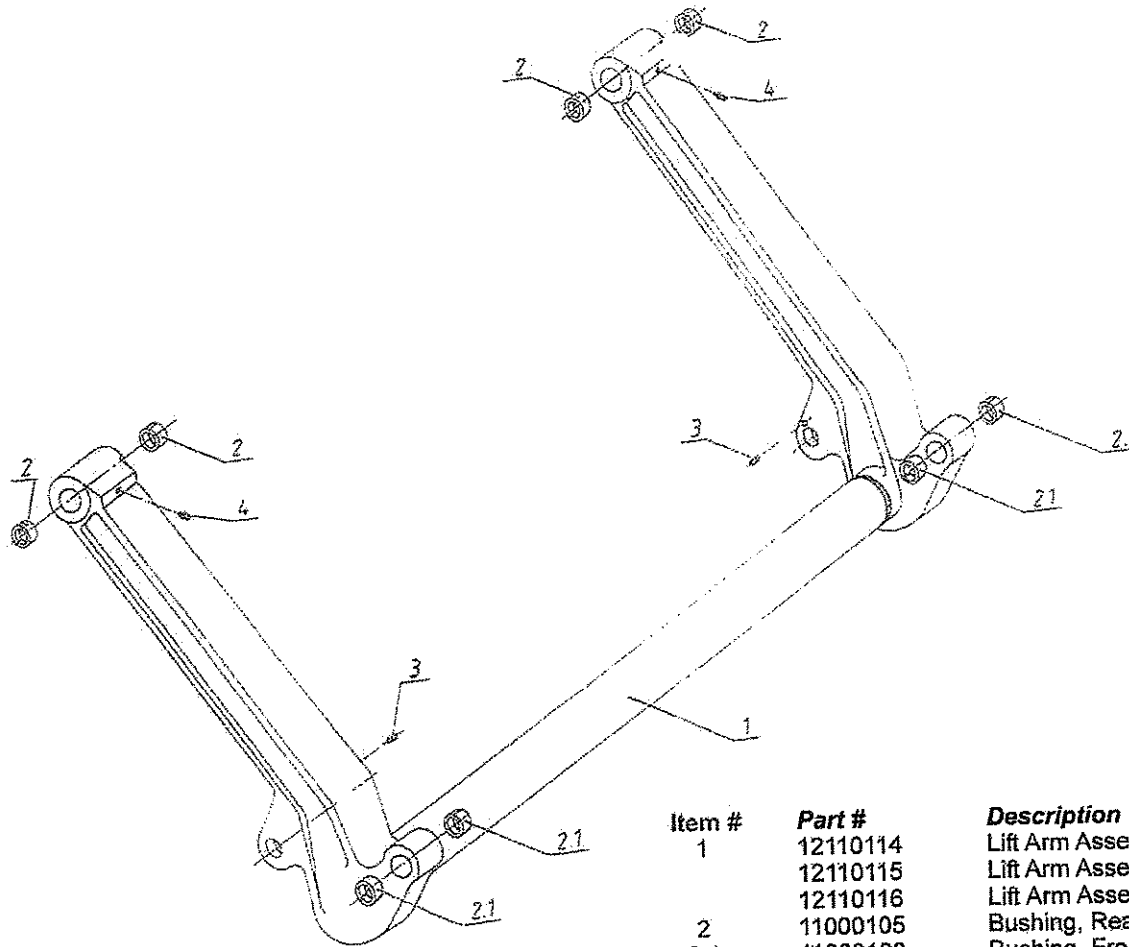
*** Need AHT Serial Number

Main Frame



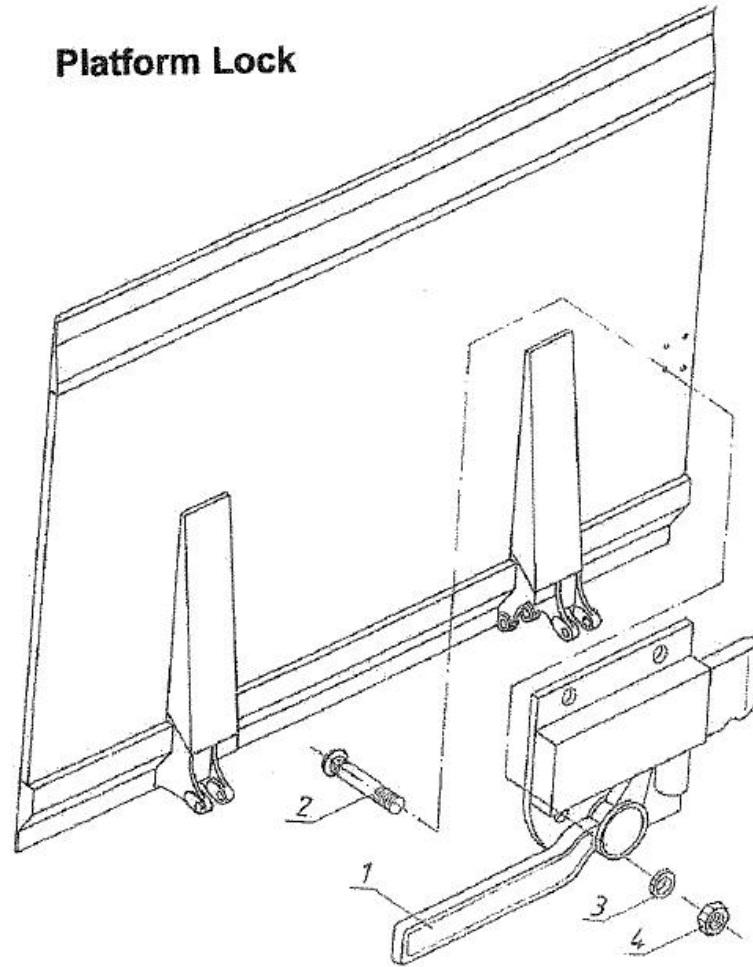
Item #	Part #	Description	Quantity
1	12110003	Main Frame Assembly	1
2	11800001	Heli-Coil M10	8
3	11800000	Heli-Coil M6	12
4	11800004	Heli-Coil M16	14
5	11800011	Plug, for extra holes	14
6	11000110	Rubber Sleeve 8/11	4
7	11000112	Rubber Sleeve 12/26	5

Lift Arms



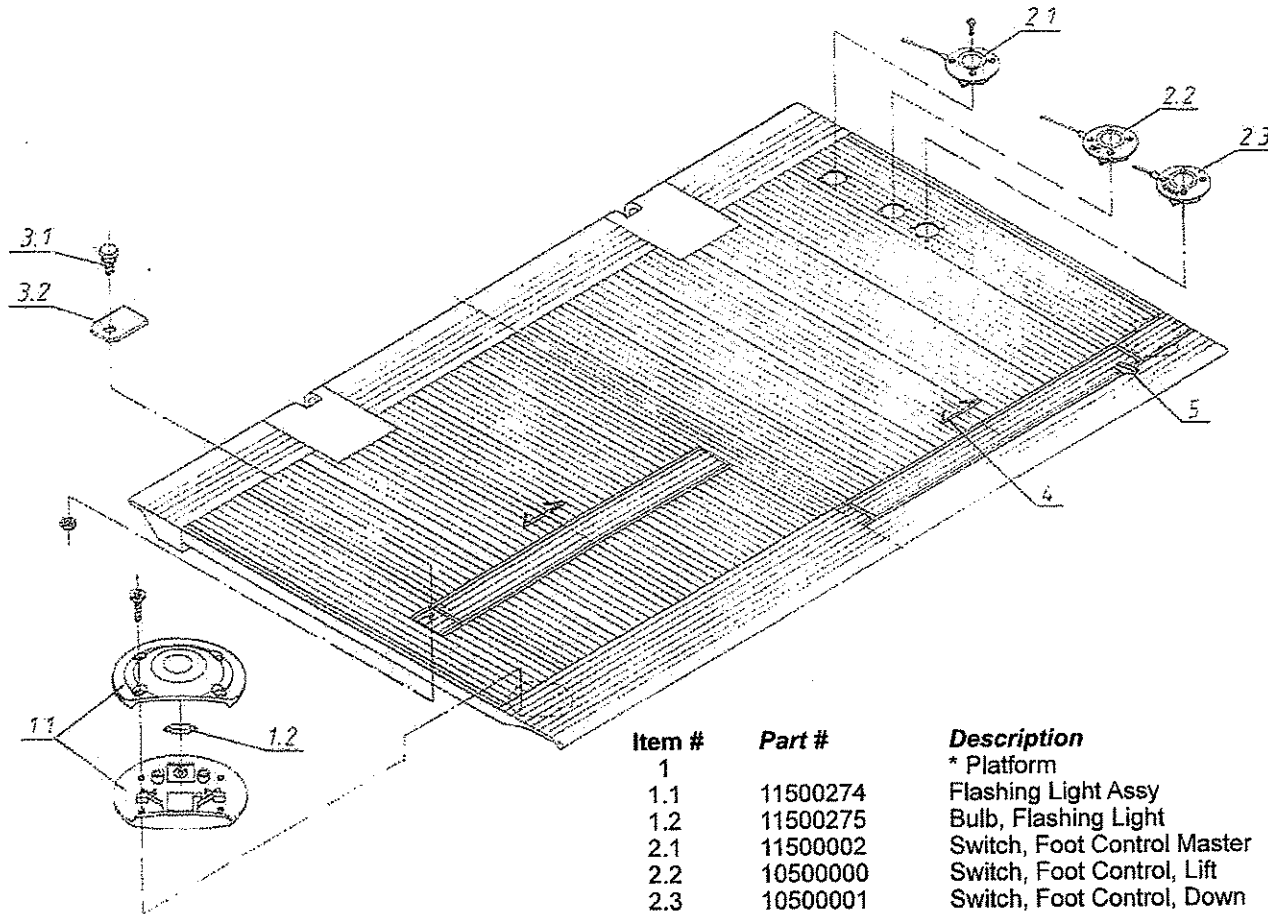
Item #	Part #	Description	Quantity
1	12110114	Lift Arm Assembly (Short)	1
	12110115	Lift Arm Assembly (Middle)	1
	12110116	Lift Arm Assembly (Long)	1
2	11000105	Bushing, Rear	4
2.1	11000100	Bushing, Front	4
3	11800000	Bolt, M6	2
4	10000090	Greas Fitting	2

Platform Lock



Item#	Part#	Description	Quantity
1	11000185	Lock, Platform (R)	1
1	11000177	Lock, Platform (L)	1
2	11800070	Bolt, Mounting	4
3	11800121	Lock Washer	4
4	11800143	Nut, Mounting Bolt	4

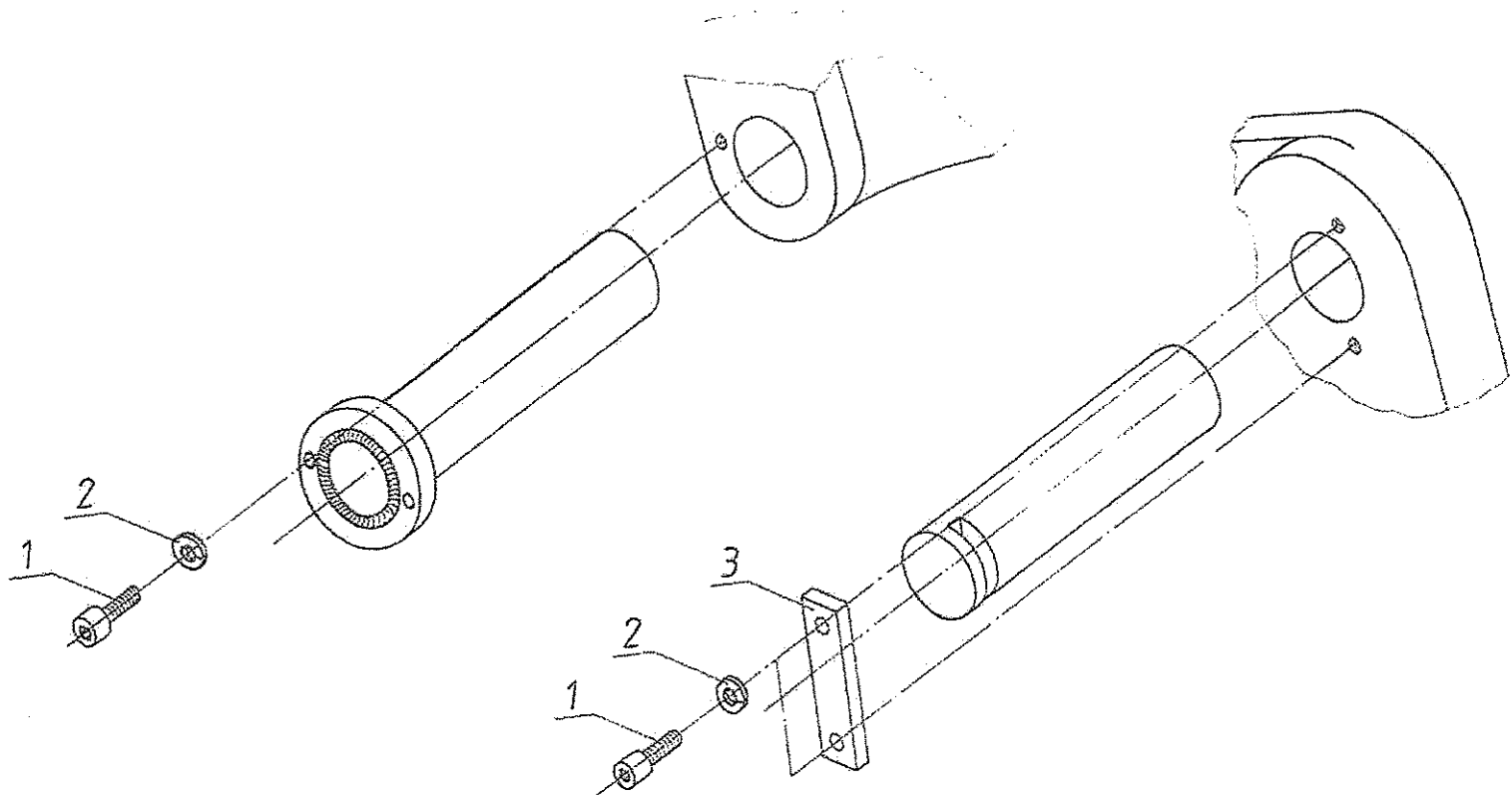
Platform



* Call factory w/platform size for pricing

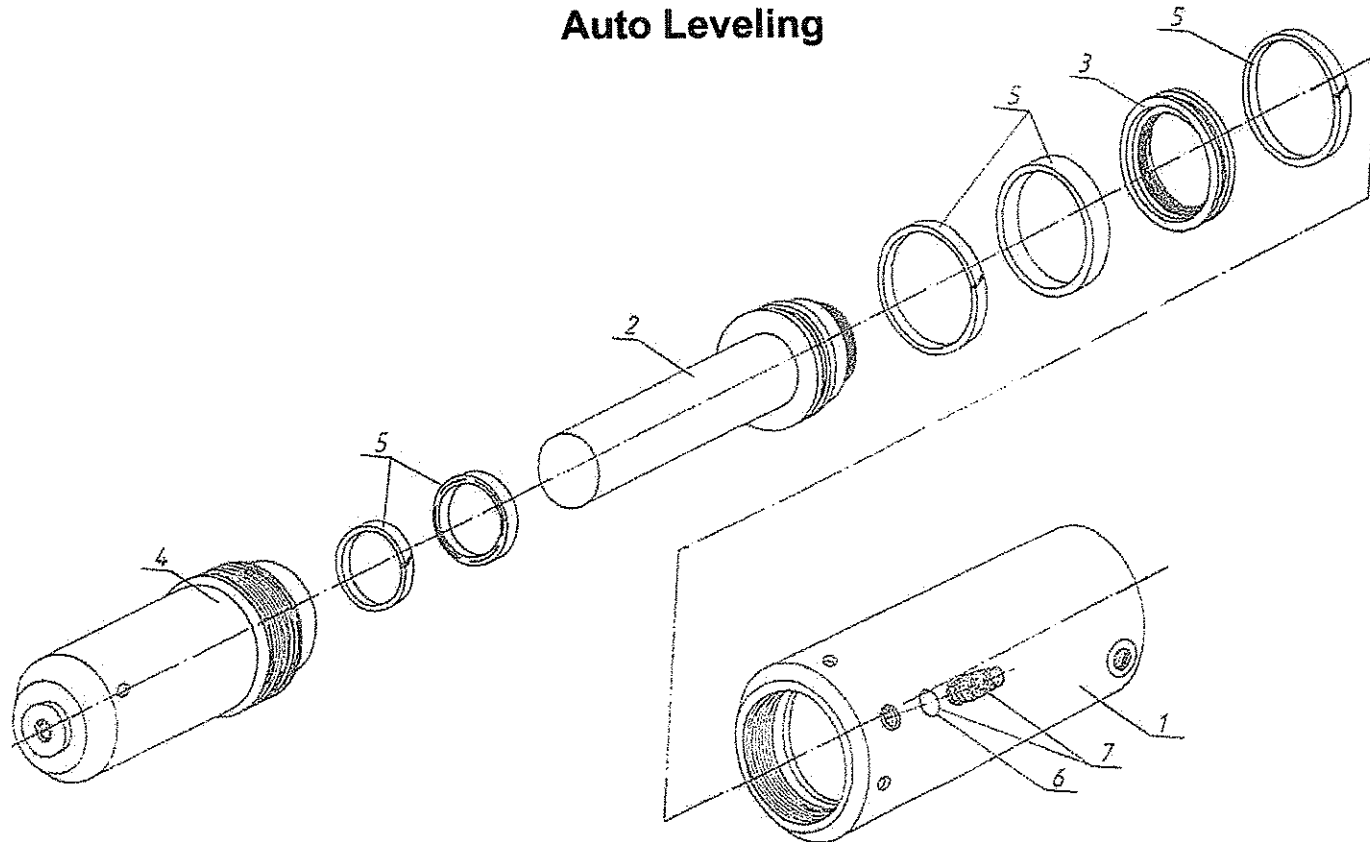
Item #	Part #	Description	Quantity
1		* Platform	1
1.1	11500274	Flashing Light Assy	2
1.2	11500275	Bulb, Flashing Light	2
2.1	11500002	Switch, Foot Control Master	1
2.2	10500000	Switch, Foot Control, Lift	1
2.3	10500001	Switch, Foot Control, Down	1
3.1	11000180	Bolt, RollStop Lock	2
3.2	11000181	Lock, RollStop	2
4	11000103	Spring, RollStop	2
5	11000104	Kick, for Manual RollStop	2

Mounting Pins



Item #	Part #	Description	Quantity
	12000058	Mounting Pins, Complete Set	1
1	11800040	Cap Screw M6	20
2	11800120	Lock Washer M6	20
3	12000052	Locking Bracket	8

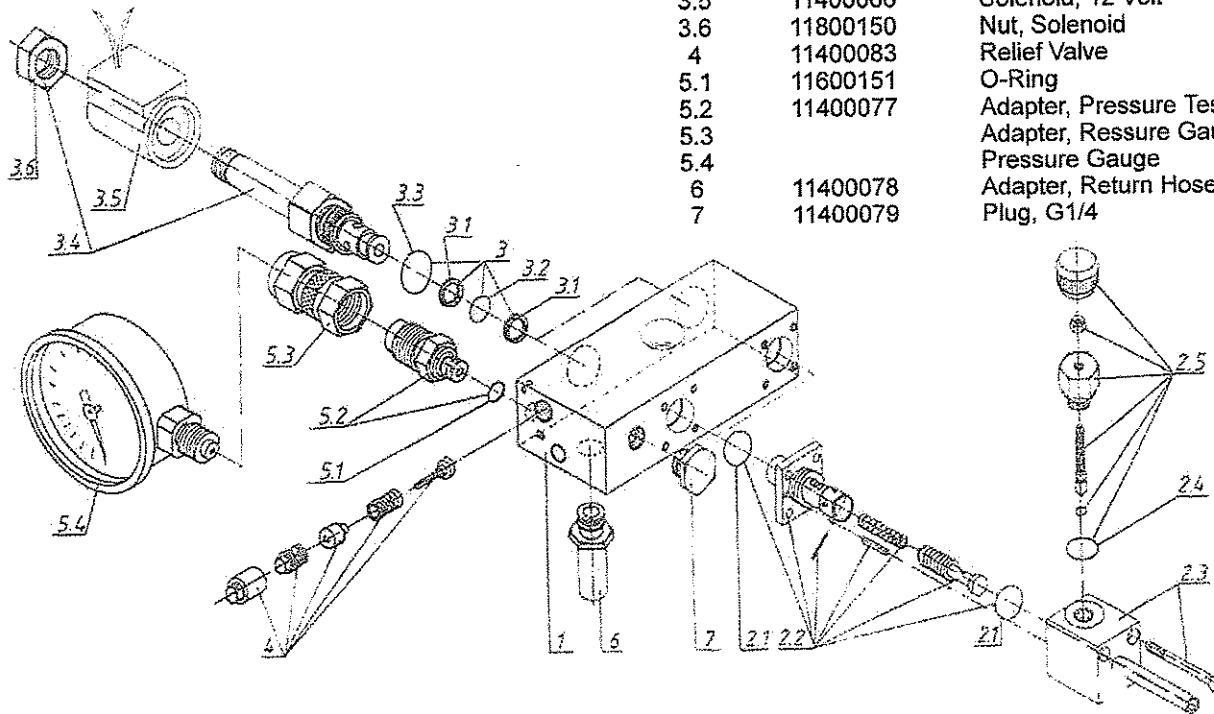
Auto Leveling



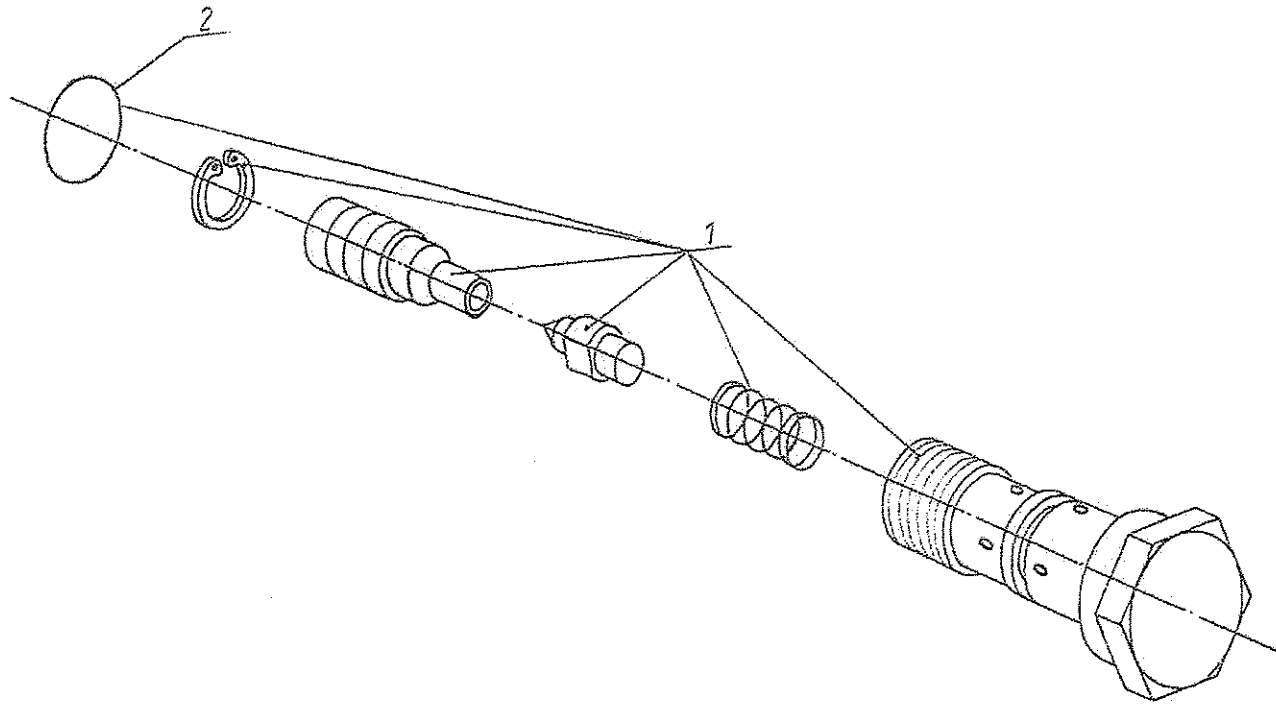
Item #	Part #	Description	Quantity
	12410001	Automatic Leveling Assy	1
1	12400004	Cylinder	1
2	12400005	Piston Rod	1
3	12400002	Segment Ring	1
4	12400006	Housing, Piston	1
5	11600110	Seal Kit	1
6	11600151	O-Ring	1
7	11400080	Air Filter w/O-Ring	1

Valve Block 11

Item #	Part #	Description	Quantity
1	11410090	Valve Block VB-11	1
2	11400074	Flow Control Valve Assy	2
2.1	11600154	O-Ring	4
2.2	11400075	Guide, Piston w/O-Rings	2
2.3	11400081	Housing, with screws	2
2.4	11600153	O-Ring	2
2.5	11400076	Flow Control Valve	2
3	11600121	Seal Kit MHW-C-30	1
3.1	11600270	Thrust Ring MHW-C-30	4
3.2	11600152	O-Ring	2
3.3	11600157	O-Ring	2
3.4	11400063	Cartridge-Valve MHW-C-30	2
3.5	11400066	Solenoid, 12 Volt	2
3.6	11800150	Nut, Solenoid	2
4	11400083	Relief Valve	1
5.1	11600151	O-Ring	1
5.2	11400077	Adapter, Pressure Test	1
5.3		Adapter, Pressure Gauge	1
5.4		Pressure Gauge	1
6	11400078	Adapter, Return Hose	1
7	11400079	Plug, G1/4	1

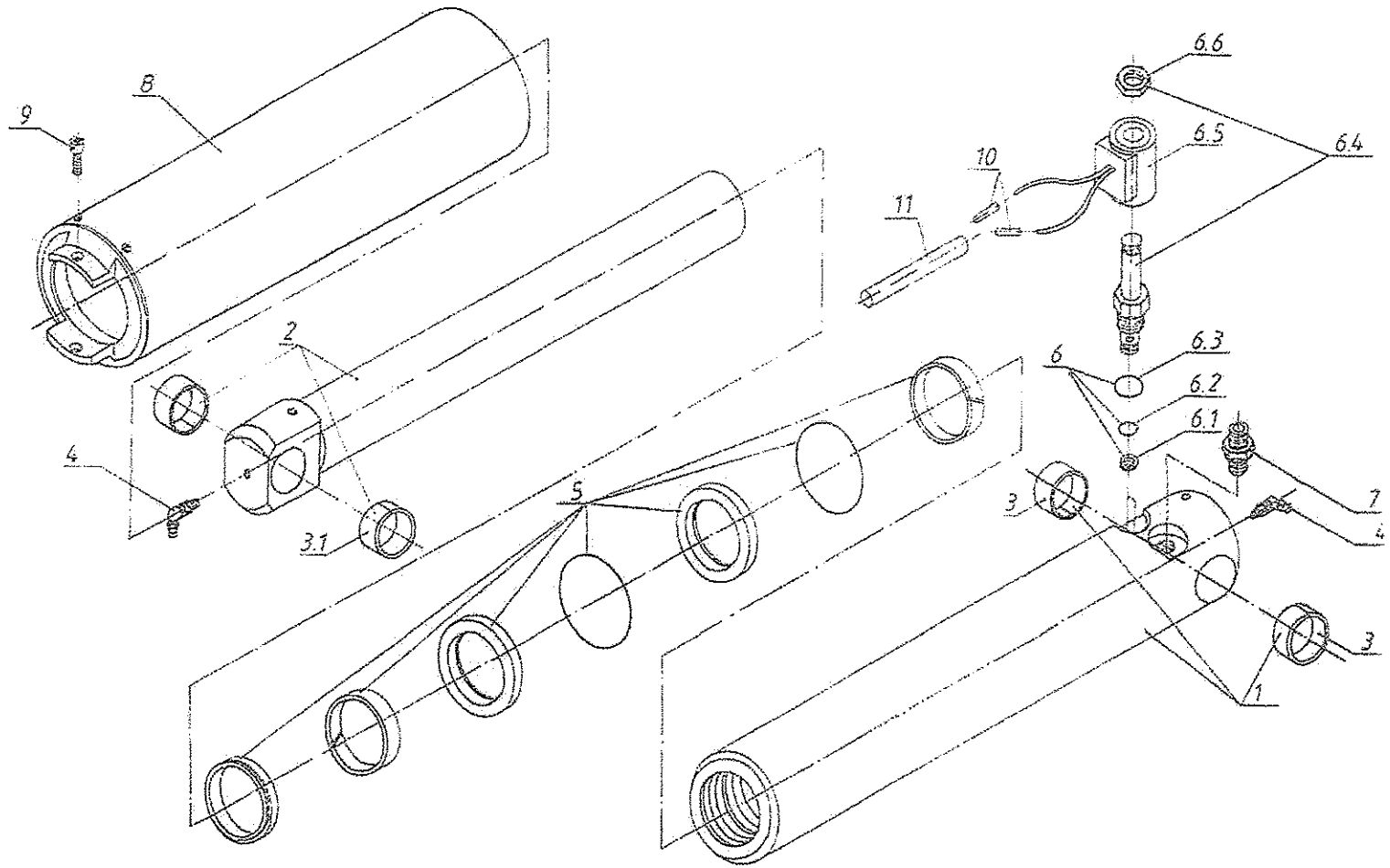


Shuttle Valve



Item #	Part #	Description	Quantity
1	11400033	Shuttle Valve Assy	1
2	11600155	O-Ring	1

Lift Cylinder 50



Lift Cylinder 50

Item #	Part #	Description	Quantity
	12210020	Lift Cylinder, R/L 50mm *	1
1	12200044	Cylinder Tube, RZL 50mm	1
2	12200038	Piston Rod 50mm	1
3	11000105	Bushing, Rear	2
3.1	11000100	Bushing, Front	2
4	10000091	Grease Fitting 45 degree	2
5	11600104	Seal Kit, Complete	1
6	11600120	Seal Kit, Hose Burst Valve	1
6.1	11600271	Thrust Washer	1
6.2	11600152	O-Ring	1
6.3	11600157	O-Ring	1
6.4	11400064	Hose Burst Valve MHW-C-10	1
6.5	11400066	Solenoid, 12 V	1
6.6	<u>11800149</u>	<u>Nut, Solenoid</u>	1
7	10700000	Adapter, Hose, Male	1
8	12200093	Cover, Dust	1
9	11800037	Bolt, Locking Hex	2
10	11500090	Butt Connector	2
11	11500130	Shrink Tube	1

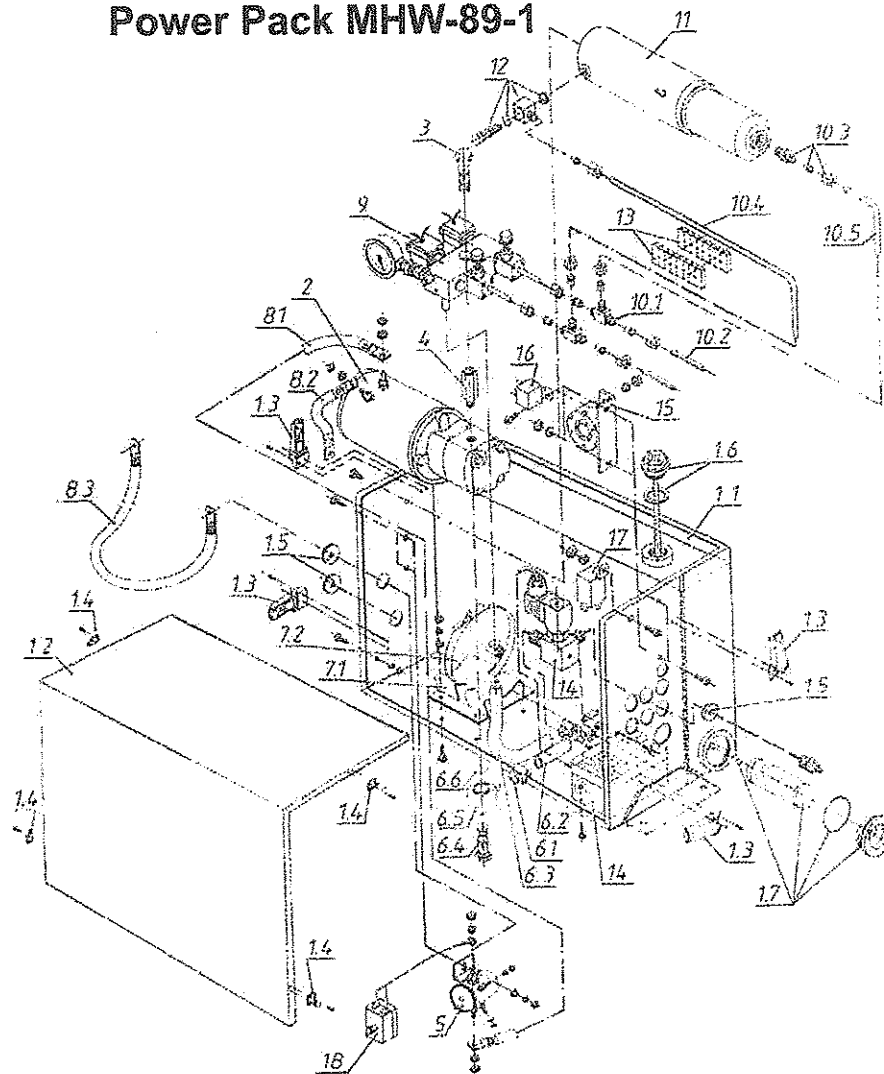
* Without Valve & Fittings

Tilt Cylinder 55

Item #	Part #	Description	Quantity
	12210024	Tilt Cylinder, Right (Short)	1
	12210025	Tilt Cylinder, Left (Short)	1
	12210026	Tilt Cylinder, Right (Middle & Long)	1
	12210027	Tilt Cylinder, Left (Middle & Long)	1
1	12200075	Cylinder Tube, Right	1
	12200076	Cylinder Tube, Left	1
2	12200053	Piston Guide	1
3	12200084	Wear Plate	1
4	12200062	Clevis w/Bushings (Short)	1
	12200063	Clevis w/Bushings (Middle)	1
	12200064	Clevis w/Bushings (Long)	1
5	12200065	Lock Nut (Short)	1
	12200066	Lock Nut (Middle & Long)	1
6	12200056	Piston Rod	1
7	12200058	Piston for Opening Spring	1
8	12200072	Opening Spring	1
9	12200061	Nut for Opening Spring	1
10	11000105	Bushing, Cylinder Tube	2
10.1	11000100	Bushing, Clevis	2
11	11600105	Seal Kit, Complete 55mm	1
12	10000091	Grease Fitting 45 degree	1
13	10700000	Adapter, Hose, Male	1
14	11600120	Seal Kit (MHW-C-10)	1
14.1	11600271	Thrust Ring	1
14.2	11500152	O-Ring	1
14.3	11600157	O-Ring	1
14.4	11400064	Hose Burst Valve MHW-C-10	1
14.5	11400066	Solenoid, 12V	1
14.6	11800149	Nut, Solenoid	1
15	12200097	Cover, Dust	1
16	12200067	Guide, Piston (short)	1
	12200068	Guide, Piston (middle & long)	1
17	12200069	Washer, Opening Spring	1
18	11800255	Bolt, Locking Hex	2
19	11500090	Butt Connector	2
20	11500130	Shrink Tube	1
21	11800091	Plug, SLS adapter	1
22	11400117	Washer, Copper	1
23	11400077	Adapter, SLS System	1

* Without Clevis, Valve & Fittings

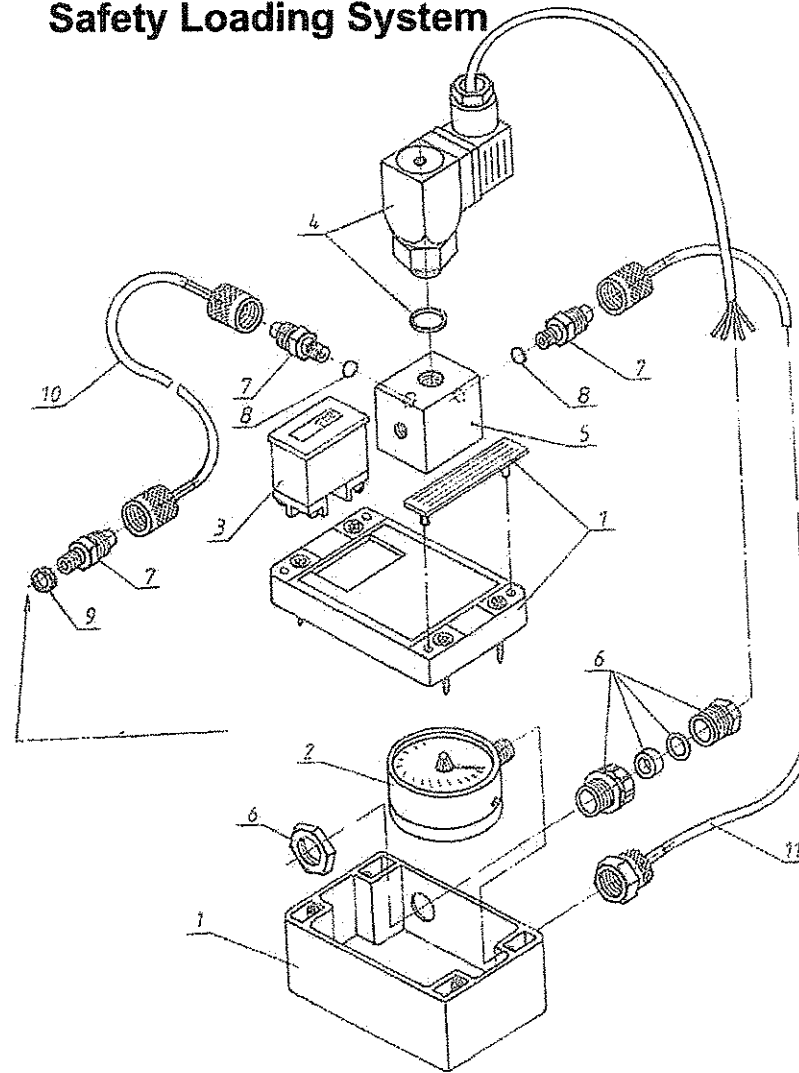
Power Pack MHW-89-1



Power Pack MHW-89-1

Item #	Part #	Description	Quantity
	11410060	Power Pack Assembly	1
1.1	11400011	Oil Reservoir	1
1.2	11400013	Cover, Power Pack	1
1.3	11400014	Lock, Power Pack Cover	4
1.4	11400015	Bracket, Power Pack Cover	4
1.5	11000112	Grommet, 12/26	9
1.6	11400018	Dipstick, Oil Reservoir	1
1.7	11400019	Filter w/cap	1
2	11400031	Motor, w/Pump 12V	1
	11400022	Motor, 12V	1
	11400026	Pump, 2,1cc	1
3	11400033	Shuttle Valve	1
4	11400035	Adapter, Shuttle Valve	1
5	11400036	Starter Switch, 12 Volt	1
6.1	11400038	Clamp, Suction tube	4
6.2	11400039	Suction Tube	1
6.3	11400040	Return Tube	1
6.4	11400042	Screw for Suction Tube	1
6.5	11400044	Suction Elbow w/O-Ring	1
6.6	11600158	O-Ring	1
7.1	11400046	Motor Base	1
7.2	11400048	Clamp, Motor	1
8.1	11400051	Cable, Motor (+)	1
8.2	11400052	Cable, Motor (-)	1
8.3	11400082	Cable, Motor (+) 7m	1
9	11410100	Valve Block, Complete 12V	1
10.1	10700004	Tee, Hydraulic Lines	2
10.2	10700035	Tubing, Hydraulic	2
10.3	10700000	Adapter, Male Stud	1
10.4	10700033	Tubing, Hydraulic	1
10.5	10700034	Tubing, Hydraulic	1
11	12410001	Automatic Leveling Device	1
12	10700003	Banjo Fitting	1
13	10500113	Terminal, Electrical	2
14	11400062	Safety Loading System	1
15	11400089	Alarm, SLS System	1
16	11500272	Relay, Main	1
17	11500273	Relay, Flashing Lights	1
18	11500114	Fuse Holder 25A & 8A	1

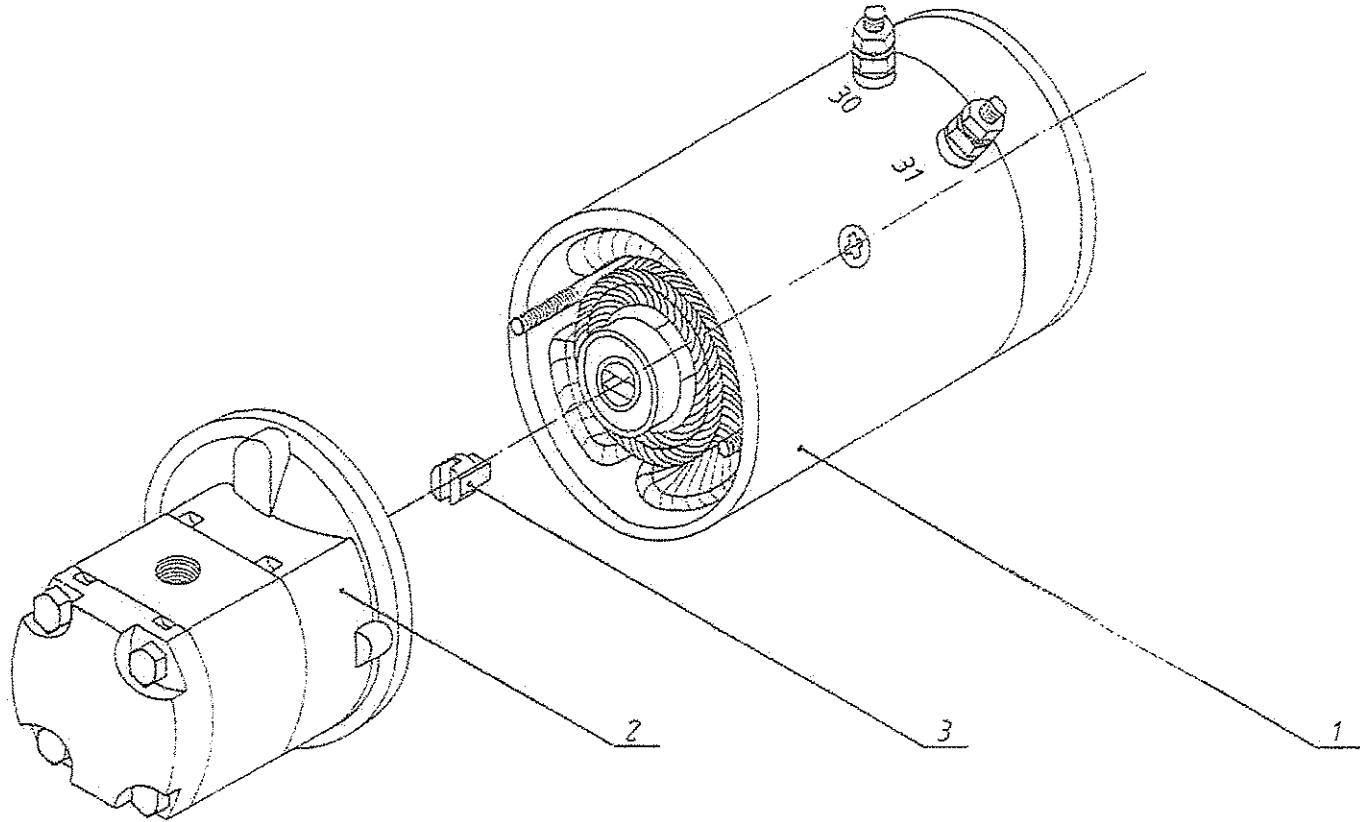
Safety Loading System



Safety Loading System

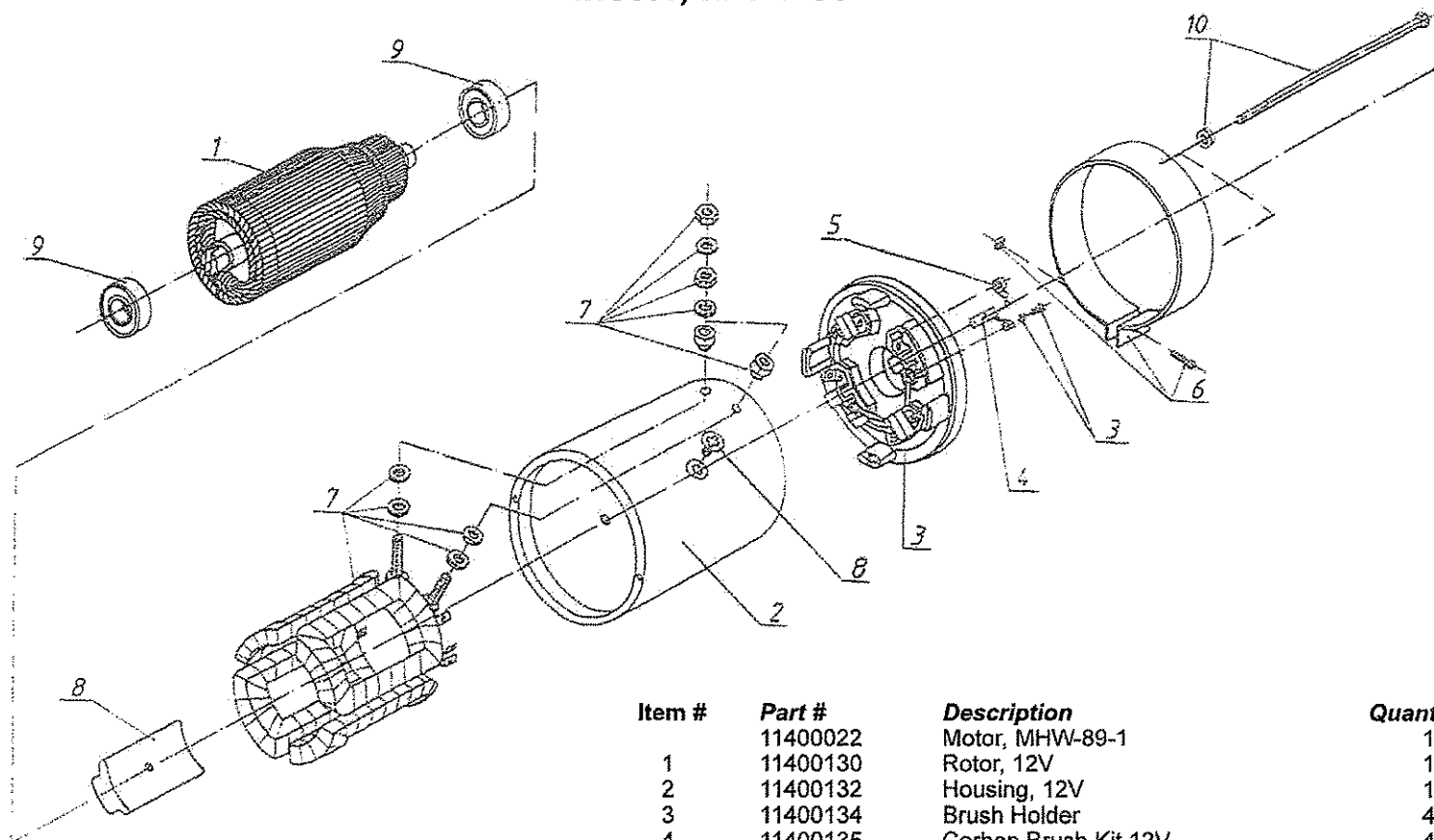
Item #	Part #	Description	Quantity
	11400062	Safety Loading System Assy	1
1	11500009	Housing, SLS	1
2	11400060	Pressure Gauge w/Memory	1
3	11400061	Counter, Overload	1
4	11400057	Pressure Switch	1
5	11400056	Adapter, Pressure Lines	1
6	11500144	Cable Seal PG-13,5	1
7	11400077	Adapter, Measuring	1
8	11600151	O-Ring	1
9	11600200	Copper Gasket	1
10	11700021	Mini-Tube Length = 60"	1
11	11700020	Mini-Tube Length = 12"	1

Motor & Pump



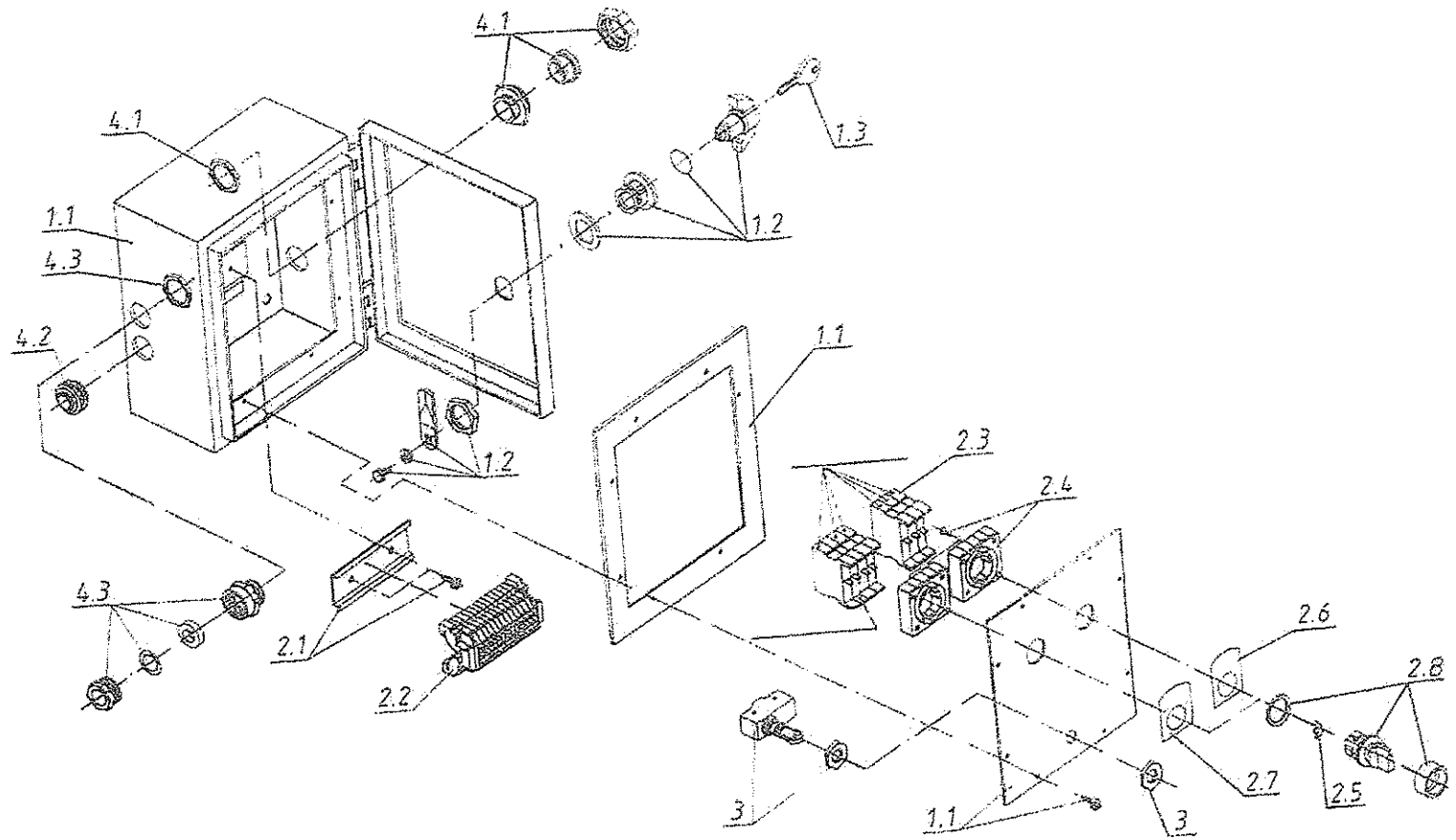
Item #	Part #	Description	Quantity
1	1140031	Motor & Pump Assy 12V	1
1	1140022	Motor 12 Volt MHW-89-1-1	1
2	1140026	Pump Assy	1
3	1140055	Adapter	1

Motor, MHW-89-1



Item #	Part #	Description	Quantity
1	11400022	Motor, MHW-89-1	1
1	11400130	Rotor, 12V	1
2	11400132	Housing, 12V	1
3	11400134	Brush Holder	4
4	11400135	Carbon Brush Kit 12V	4
5	11400137	Spring	4
6	11400138	Cover, Barbon Brush	1
7	11400139	Stator Winding 12V	1
8	11400141	Bolt, Poleshoe	1
9	11400142	Roller Bearing	2
10	11400143	Mounting Screw	2

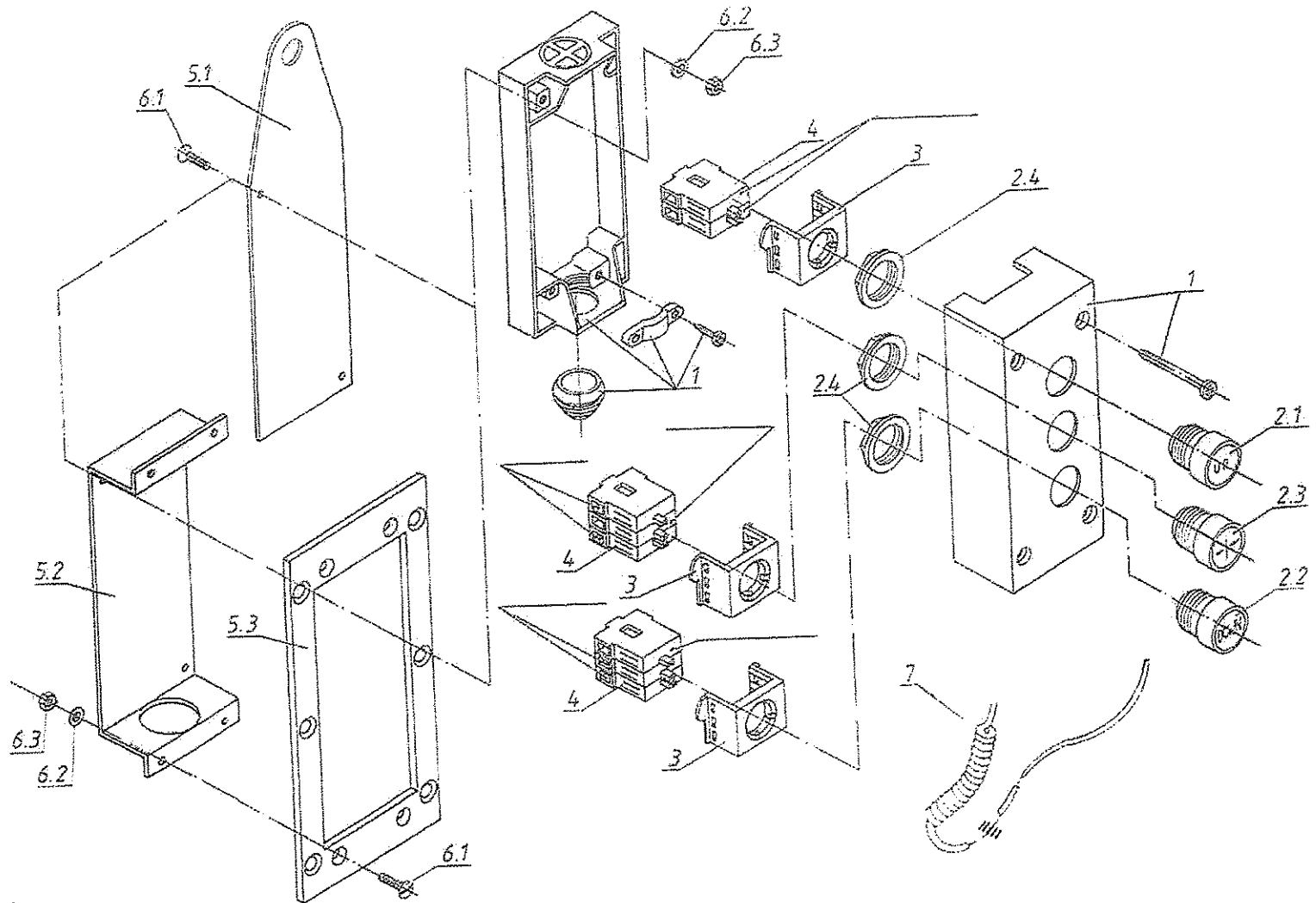
Master Control Box



Master Control Box

<i>Item #</i>	<i>Part #</i>	<i>Description</i>	<i>Quantity</i>
	11510008	Master Control Box Assy	1
1.1	11500000	Housing, Control Box	1
1.2	11500002	Twist Lock w/Key	1
1.3	11500051	Kew for Twist Lock	1
2.1	11500194	Holder, Contacts	1
2.2	11510083	Clamp	2
	11500306	End Pieces	2
	11500305	Jumper, Contact	5
	11500304	Cover, End Block	1
	11500290	Contacts	13
2.3	11500023	Contact, 3 & 4	6
	11500028	Contact, 7 & 8	1
2.4	11500021	Support, Twist Button	2
2.5	11500027	Cross, Twist Button	2
2.6	11500026	Label, Open - Close	1
2.7	11500025	Label, Up - Down	1
2.8	11500020	Twist Button	2
3	11500190	Off - On Switch	1
4.1	11500216	Seal, PG-16 (Steel)	1
	11500217	Nut, PG-16 (Steel)	1
4.2	11500138	Plug, Grommet	1
4.3	11500146	Seal, PG-16 (Plastic)	1
	11500147	Nut, PG-16 (Plastic)	1

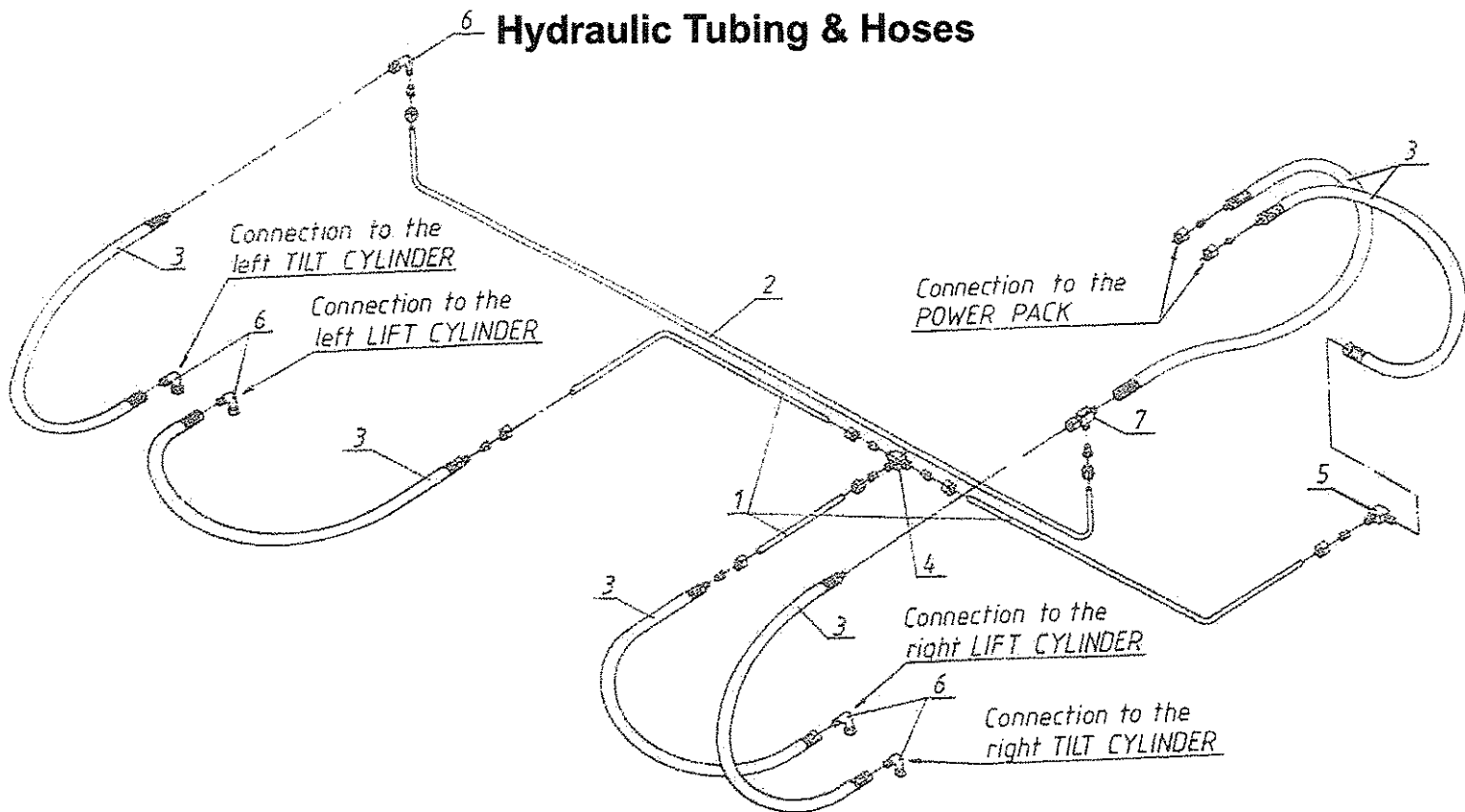
3-Button Remote



3-Button Remote

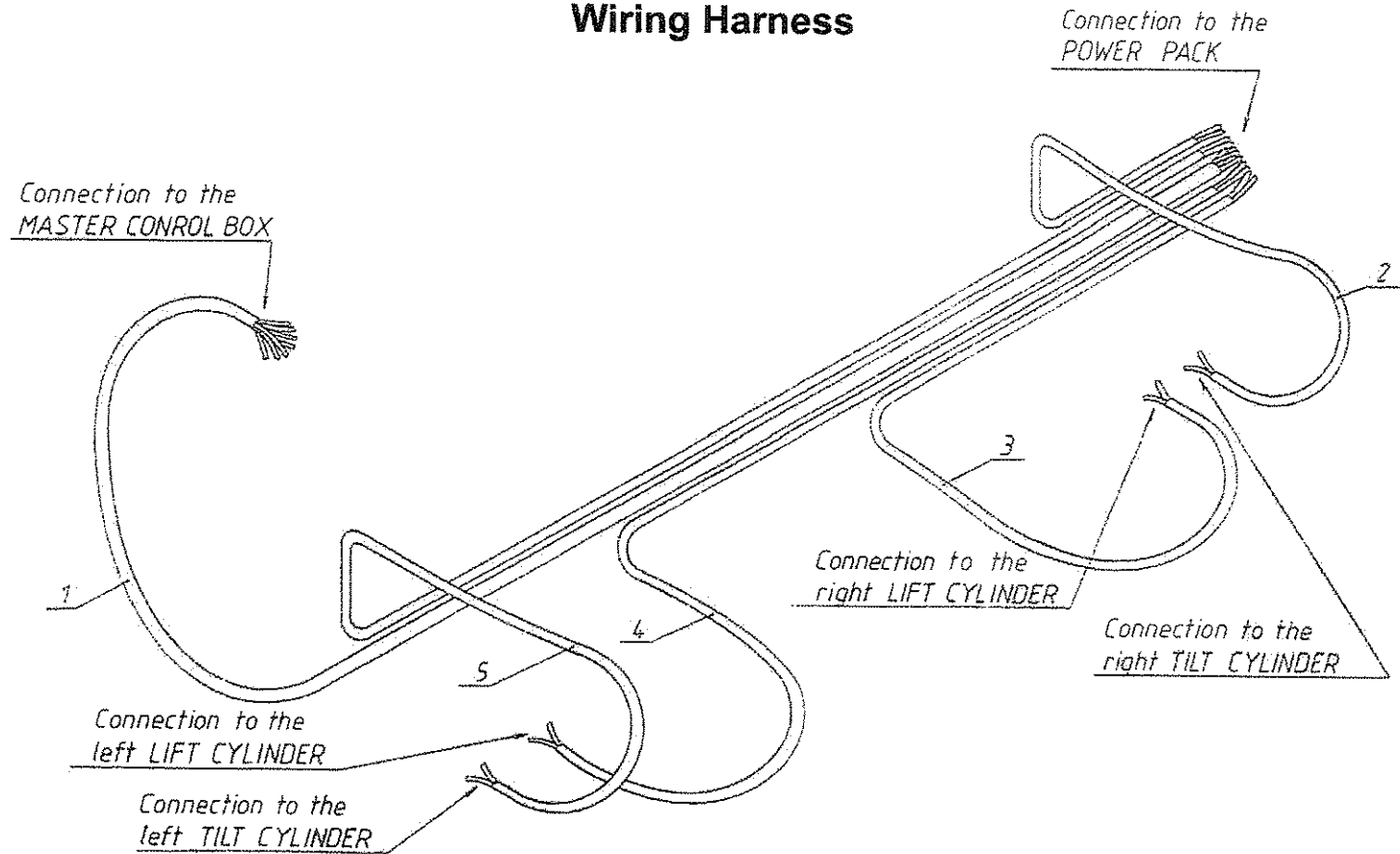
<i>Item #</i>	<i>Part #</i>	<i>Description</i>	<i>Quantity</i>
	11510036	3-Button control	1
1	11500241	Housing, 3-Button	1
2.1	11500242	Button, Push (Up)	1
	11500250	Label, Up	1
2.2	11500242	Button, Push (Down)	1
	11500251	Label, Down	1
2.3	11500242	Button, Push (Tilt)	1
	11500245	Label, Tilt	1
2.4	11500238	Nut, Push Button	3
3	11500246	Holder, Contact	2
4	11500249	Contact, 1 & 2	2
	11500247	Contact, 3 & 4	4
	11500248	Contact, 7 & 8	1
5.1	11500261	Hanger, 3-Button	1
5.2	11500263	Bracket, rear half	1
5.3	11500262	Bracket, front half	1
6.1	11800062	Screw, Mounting bracket	6
6.2	11800119	Lock Washer, mounting bracket	6
6.3	11800141	Nut, Mounting bracket	6
7	11500066	Spiral Cable	1

Hydraulic Tubing & Hoses



Item #	Part #	Description	Quantity
	12710022	Tubing Assembly, Complete	1
1	12710002	Lift Tubing, Complete	1
2	12710012	Tilt Tubing, Complete	1
3	11700000	High Pressure Hose	6
4	10700004	Tee, Hydraulic Tubing	1
5	10700001	Adapter, Hose to tube	1
6	10700002	Elbow, 90 degree Fitting	5
7	10700004	Tee, Tilt Cylinder Lines	1

Wiring Harness



Item #	Part #	Description	Quantity
1	11500072	Cable, 7 Wire	1
2	11500070	Wiring, Right „Tilt“ Cylinder	
3	11500070	Wiring, Right „Lift“ Cylinder	
4	11500070	Wiring, Left „Lift“ Cylinder	
5	11500070	Wiring, Left „Tilt“ Cylinder	