TEREX AERIALS

ARTICULATED BOOM LIFT
MODEL TA60RT



SPARE PARTS MANUAL

P/No: 65002-0016 Rev.3 09/01

WHEN ORDERING PARTS, SPECIFY MODEL NUMBER, SERIAL NUMBER AND DESCRIPTION OF PART REQUIRED

DISCLAIMER

Terex Aerials strives to include in the Parts Manual, information and illustrations that are accurate, complete, and current. Due to on-going changes and revisions by our many suppliers, it is often impossible to show all variations of a given assembly. Therefore, this information is subject to change without notice.

NOTICE

The Parts Manual, though sometimes helpful in the process of assembly/disassembly, is NOT intended to be assembly/disassembly instructions.

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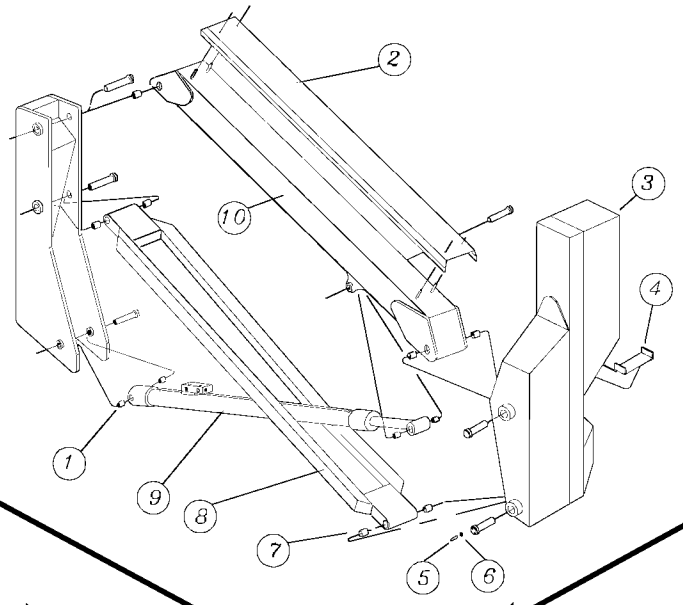
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TEREX AERIALS

Model TA50RT TH
Issued 06/99 Rev 1

BOOM ASSEMBLY

FIRST LIFT STAGE



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ITEM	PART NO	DESCRIPTION	QTY	REMARKS
1	44031-0028	GLACIER PM 25 X 25 DX BUSH	4	Part Of Lift Cylinder
2	SS102	CABLE COVER	1	
	MS128	CABLE COVER STUD	4	
3	GS541	OFFSET POST	1	
	GS527	ZOOM BOOM REST	1	
4	MS143	NYLON PAD	1	
5	11085	M8 X 25 GRADE 8 8 HEX HEAD SCREW	12	
6	14541	M8 LOCK WASHER	24	
7	10288	PERMAGLIDE PAP 40 X 40 BUSHING	8	
8	GS179	FIRST TIE RAIL	1	
9	21002-0118	LIFT CYLINDER	1	See Page 5-2
10	23015-0135	FIRST BOOM	1	

PARTS MANUAL FORMAT

1. SECTION refers to the major divisions of the Parts Manual.

2. PAGE indicates the page number of the illustration or parts list.

3. The **ITEM** number shown in the first column of the parts list, corresponds to the callout in the illustration on the same page or facing page.

4. The Terex Aerials **PART NUMBER** is shown in the second column for items that are serviceable.

5. DESCRIPTION of the part or assembly is shown in the third column.

6. QUANTITY indicates the quantity of items used in the assembly or sub-assembly directly above.

7. REMARKS are shown in the fifth or far right column. The remark column will include page number references for more detailed breakdowns, keyed items included in Kits indicated by symbols * , sizes and special information.

1A

1B

1C

1D

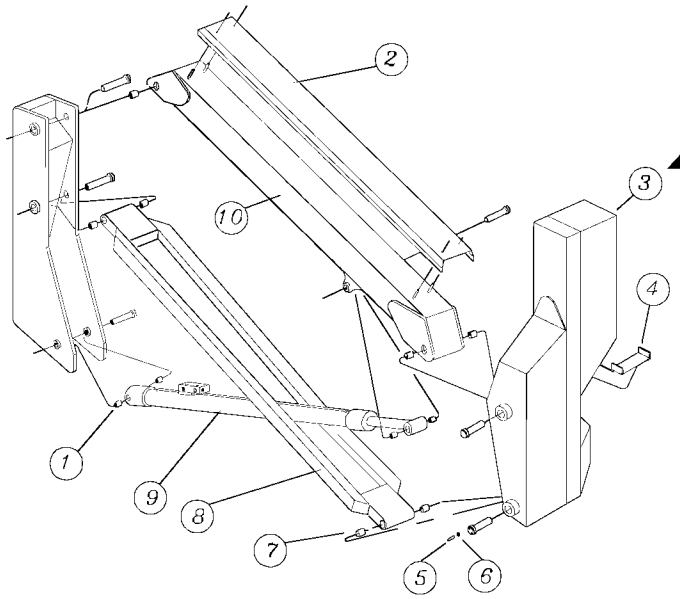
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BOOM ASSEMBLY

FIRST LIFT STAGE



ITEM	PART NO	DESCRIPTION	QTY	REMARKS
1	44031-0028	GLACIER PM 25 X 25 DX BUSH	4	Part Of Lift Cylinder
2	SS102	CABLE COVER	1	
	MS128	CABLE COVER STUD	4	
3	GS541	OFFSET POST	1	
	GS527	ZOOM BOOM REST	1	
4	MS143	NYLON PAD	1	
5	11085	M8 X 25 GRADE 8 8 HEX HEAD SCREW	12	
6	14541	M8 LOCK WASHER	24	
7	10288	PERMAGLIDE PAP 40 X 40 BUSHING	8	
8	GS179	FIRST TIE RAIL	1	
9	21002-0118	LIFT CYLINDER	1	See Page 5-2
10	23015-0135	FIRST BOOM	1	

HOW TO ORDER PARTS

1. **Find the Terex Aerials Part Number.**

A. Using the Table of Contents, find the Section and Page Number.

B. Match the required part to the illustration and note the callout number.

C. Find the corresponding Reference number in the parts list below the illustration or on the facing page.

D. Use the Terex Aerials Part Number listed next to the Ref. number when ordering.

E. Always include the complete part number, as shown in the Parts Manual, along with the description of the part and specify the quantity of the part you wish to order.

F. Anticipate your spare parts requirements.

G. Place orders early in the day.

H. Keep a supply of normal maintenance and recommended spare parts in stock.

I. Obtain recommended parts stocking requirements from Terex Aerials or your Terex Aerials Distributor.

2. Customer Ordering:

Genuine Terex Aerials parts are available worldwide and must be ordered through your local Terex Aerials Distributor. For your nearest Terex Aerials Distributor, contact the Parts Sales Centre at the numbers listed below.

3. Distributor Ordering: Listed below in the respective order of preference, are the methods of ordering parts.

A.	EMAIL	spares@terex.ie
B.	FAX:	+353-21-4353368
C.	PHONE:	+ 353-21-49780000
D.	POST:	Terex Aerials, Courtstown Industrial Park, Little Island, Co. Cork Ireland.

NOTE: If your Parts Department is not ON-LINE, contact the PARTS SALES CENTRE for information on using this system.

Any errors, comments, or suggestions should be forwarded to the Engineering Manager at the following address:

Terex Aerials, Courtstown Industrial Park, Little Island, Co. Cork, Ireland.

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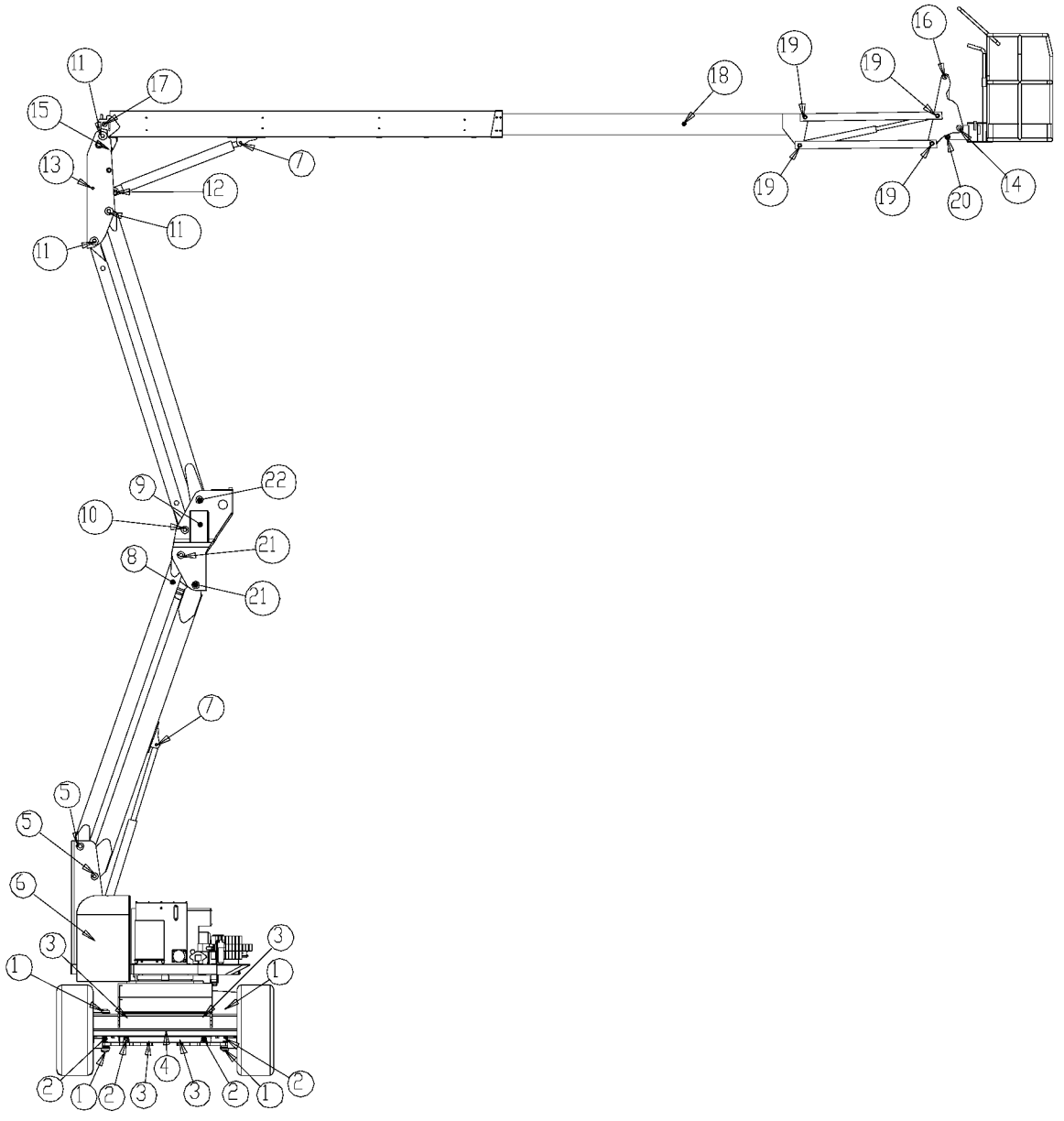
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2-38 KIT OF FITTINGS FOR OSCILLATING AXLE FIX

MAIN ASSEMBLY

BOOM PIVOT PINS



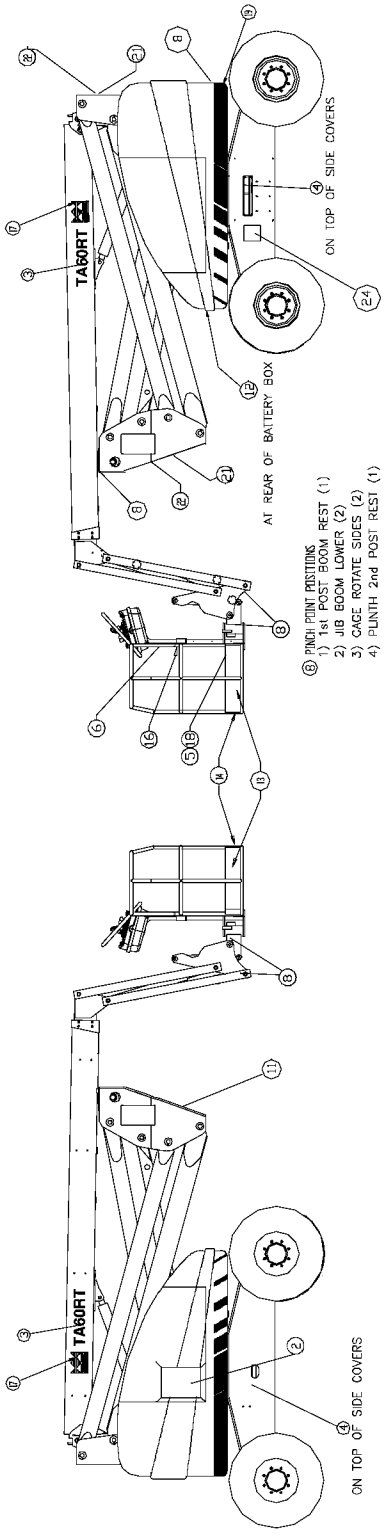
MAIN ASSEMBLY

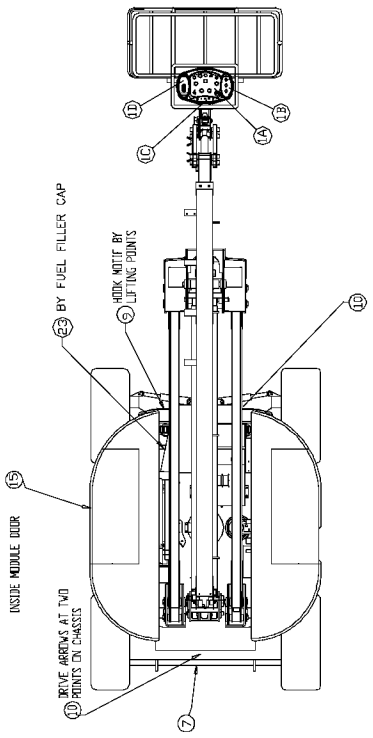
BOOM PIVOT PINS

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	44021-0695	STEER PIVOT PIN ∅ 40 x 105	4	
2	44021-0696	OSC / STEER ROD PIN ∅ 25 x 105	4	
3	44021-0697	OSC / STEER BARREL ∅ 25 x 125	4	
4	44021-0694	OSCILLATING AXLE ∅ 50 x 235	1	
5	44021-0702	LOWER BOOM PIVOT PIN ∅ 40 x 251	4	
6	44021-0709	1ST LIFT BARREL ∅ 30 x 250	2	
7	44021-0710	LIFT CYLINDER RODS ∅ 30 x 97	3	
8	44021-0700	LOWER LINK ∅ 50 x 165	1	
9	44021-0699	UPER LINK ∅ 50 x 305	1	
10	44021-0703	MIDDLE BOOM PIVOTS PIN ∅ 40 x 413	1	
11	44021-0678	MIDDLE BOOM PIVOTS PIN ∅ 40 x 355	3	
12	44021-0712	2ND LIFT BARREL ∅ 30 x 153	1	
13	LS126	MASTER CYLINDER BARREL ∅ 20 x 152	1	
14	44021-0688	ACTUATOR PIVOT ∅ 25 x 163	1	
15	LS130	MASTER CYLINDER ROD ∅ 20 x 115	1	
16	44021-0675	SLAVE CYLINDER BARREL ∅ 20 x 155	1	
17	44021-0704	TELE CYLINDER BARREL ∅ 20 x 215	1	
18	44021-0705	TELE CYLINDER ROD ∅ 20 x 108	1	
19	44021-0692	JIB PIVOT PIN ∅ 30 x 296	4	
20	44021-0676	SLAVE CYLINDER ROD ∅ 20 x 94	1	
21	44021-0706	LOWER BOOM PIVOT ∅ 40 x 273	4	
22	44021-0707	MIDDLE BOOM PIVOT PIN ∅ 50 x 443	1	

MAIN ASSEMBLY

LABEL POSITIONS





MAIN ASSEMBLY

LABEL POSITIONS

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
		BILL OF MATERIALS		
1A	47011-0583	DECAL, UPPER CONTROL LEGEND PLATE MAIN	1	
1B	47011-0589	DECAL, UPPER CONTROL LEGEND PLATE LEFT	1	
1C	47011-0590	DECAL, UPPER CONTROL LEGEND PLATE TOP	1	
1D	47011-0591	DECAL, UPPER CONTROL LEGEND PLATE RIGHT	1	
2	47011-0587	DECAL, LOWER CONTROL PANEL LEGEND	1	
13	44041-0006	WARNING STRIP DECAL	4	
21	10287500	STRIPE RED 5" DECAL	1	
	F005307	**GENERAL DECAL KIT TA50RT**		
3	47011-0592	TA60RT DECAL	2	
7	37003-0040	SERIAL NUMBER PLATE DECAL	1	
8	47011-0154	KEEP HANDS FREE DECAL	6	
9	A582	HOOK MOTIF DECAL	4	
10	47011-0153	DIRECTIONAL ARROWS DECAL	2	
11	47011-0426	"CE" MARK DECAL	1	Not for USA machines
12	47011-0456	PROTECTIVE EARTH DECAL	1	
17	10288205	CROWN RED 3.12 DECAL	2	
19	47011-0593	CHEVRON RED RH DECAL	1	
20	47011-0594	CHEVRON RED LH DECAL	1	
22	10288203	CROWN RED 6" DECAL	2	
	F005289	**DECAL KIT FOR USA**		
14	MK181322	WARNING WORK LOAD	1	
16	MK182122	DANGER HIGH VOLTAGE	1	
4	12400-243	CAUTION NO STEP	2	
5	10272600	SAFETY BELT ONLY	2	
6	MK181113	WARNING MANUALS	1	
18	MK182307	WARNING ATTACH BELT	1	
		EXTRA DECALS FOR USA		
15	47003-0112	EMERGENCY LOWERING DECAL	1	Up to Serial No: 17167
	47003-0584	EMERGENCY LOWERING DECAL	1	From Serial No: 17168
24	47003-0113	EMERGENCY TOWING DECAL	1	
23	2033	DIESEL FUEL ONLY (RT & RT-TH MACHINES)	1	
23	2020	GASOLINE OR PETROL (RT BF MACHINE ONLY)		
	F005335	**DECAL KIT FOR IRELAND / UK**		
14	47003-0040	"SWL" DECAL	1	
15	47003-0112	EMERGENCY LOWERING DECAL	1	Up to Serial No: 17167
	47003-0584	EMERGENCY LOWERING DECAL	1	From Serial NO: 17168
24	47003-0113	EMERGENCY TOWING DECAL	1	
16	47003-0102	10 POINT DECAL	1	
	F005332	**DECAL KIT FOR SWEDEN**		
14	47008-0090	"SWL" DECAL	1	
15	47008-0112	EMERGENCY LOWERING DECAL	1	Up to Serial No: 17167
	47008-0114	EMERGENCY LOWERING DECAL	1	From Serial No: 17168
24	47008-0113	EMERGENCY TOWING DECAL	1	
16	47003-0081	10 POINT DECAL	1	

MAIN ASSEMBLY

LABEL POSITIONS

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	F005333	**DECAL KIT FOR SPAIN**		
14	47099-0027	"SWL" DECAL	1	
15	47099-0034	EMERGENCY LOWERING DECAL	1	Up to Serial No: 17167
	47099-0040	EMERGENCY LOWERING DECAL	1	From Serial No: 17168
24	47099-0035	EMERGENCY TOWING DECAL	1	
16	47099-0006	10 POINT DECAL	1	
	F0050334	**DECAL KIT FOR GERMANY/AUSTRIA**		
14	47012-0059	"SWL" DECAL	1	
15	47012-0529	EMERGENCY LOWERING DECAL	1	Up to Serial No: 17167
	47012-0531	EMERGENCY LOWERING DECAL	1	From Serial No: 17168
24	47012-0530	EMERGENCY TOWING DECAL	1	
16	47012-0070	10 POINT DECAL	1	
	F005336	**DECAL KIT FOR FRANCE**		
14	47005-0029	"SWL" DECAL	1	
15	47005-0100	EMERGENCY LOWERING DECAL	1	Up to Serial No: 17167
	47005-0102	EMERGENCY LOWERING DECAL	1	From Serial No: 17168
24	47005-0101	EMERGENCY TOWING DECAL	1	
16	47005-0086	10 POINT DECAL	1	
	F005337	**DECAL KIT FOR HOLLAND**		
14	A1552	"SWL" DECAL	1	
15	47006-0036	EMERGENCY LOWERING DECAL	1	Up to Serial No: 17167
	47006-0038	EMERGENCY LOWERING DECAL	1	From Serial No: 17168
24	47006-0037	EMERGENCY TOWING DECAL	1	
16	47006-0026	10 POINT DECAL	1	
	F005338	**DECAL KIT FOR ITALY**		
14	47009-0125	"SWL" DECAL	1	
15	47009-0143	EMERGENCY LOWERING DECAL	1	Up to Serial No: 17167
	47009-0146	EMERGENCY LOWERING DECAL	1	From Serial No: 17168
24	47009-0144	EMERGENCY TOWING DECAL	1	
16	47009-0120	10 POINT DECAL	1	
	F005339	**DECAL KIT FOR DENMARK**		
14	47011-0504	"SWL" DECAL	1	
15	47011-0558	EMERGENCY LOWERING DECAL	1	Up to Serial No: 17167
	47011-0630	EMERGENCY LOWERING DECAL	1	From Serial No: 17168
24	47011-0596	EMERGENCY TOWING DECAL	1	
16	47011-0458	10 POINT DECAL	1	
	F005340	**DECAL KIT FOR FINLAND**		
14	47011-0511	"SWL" DECAL	1	
15	47011-0597	EMERGENCY LOWERING DECAL	1	Up to Serial No: 17167
	47008-0114	EMERGENCY LOWERING DECAL	1	From Serial No: 17168
24	47011-0598	EMERGENCY TOWING DECAL	1	
16	47011-0459	10 POINT DECAL	2	

MAIN ASSEMBLY

HOSE REPAIR KIT - P/No: 42014-0029

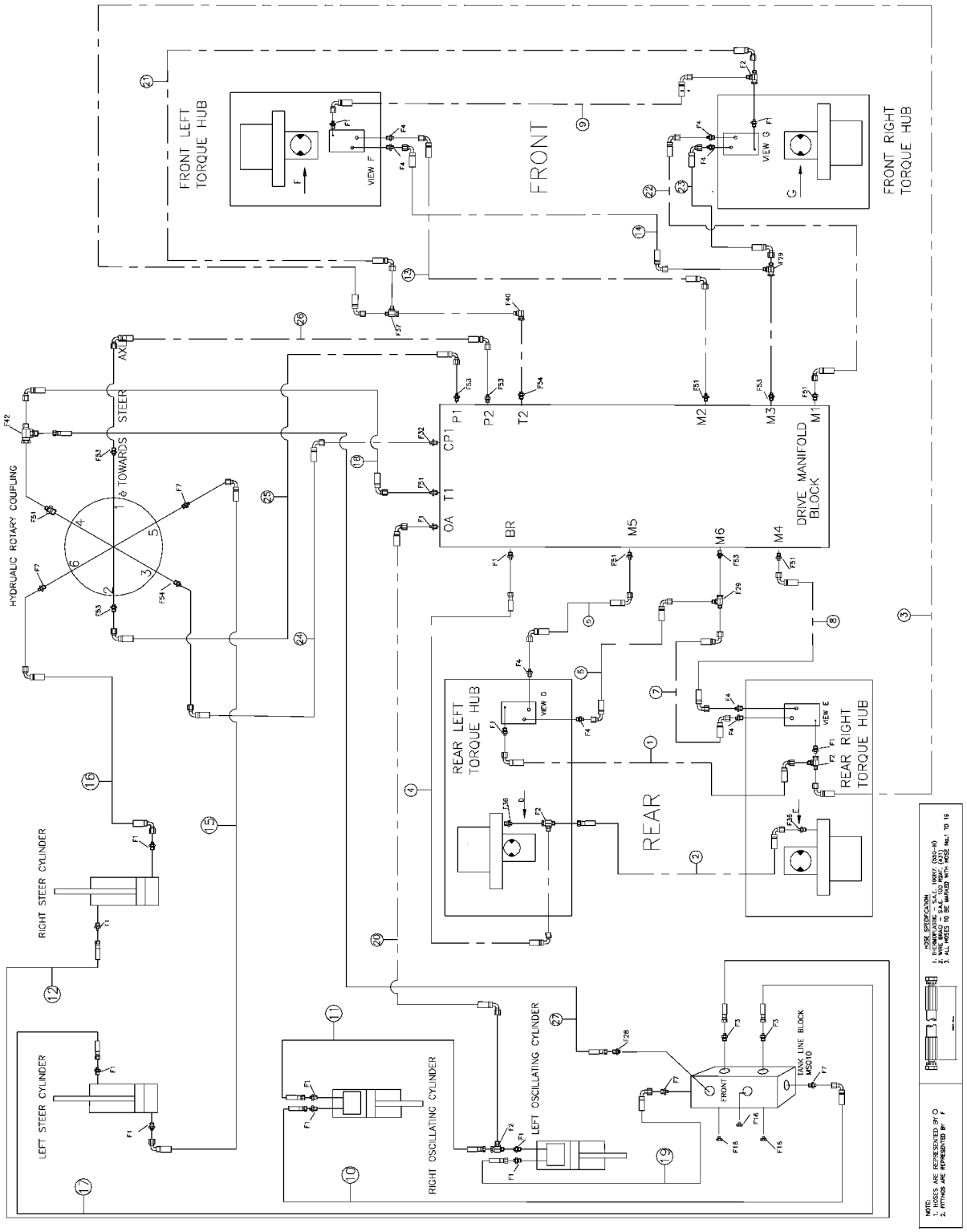
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	1JC55-4-4	HOSE END	5	
	1J955-4-4	HOSE END	5	
	1J955-6-6	HOSE END	3	
	1JC55-6-6	HOSE END	3	
	1J948-4-4	HOSE END	5	41010-0133
	1JC48-4-4	HOSE END	5	31013-0234
	1J948-6-4	HOSE END	2	31013-0240
	1JC48-8-8	HOSE END	2	41011-0140
	1J948-12-12	HOSE END	2	41011-0146
	1J948-16-16	HOSE END	1	41011-0160
	1JC48-16-16	HOSE END	1	41011-0161
	2-011-N552-9	O-RING	10	
	2-012-N552-9	O-RING	10	
	2-014-N552-9	O-RING	10	
	2-018-N552-9	O-RING	10	
	2-021-N552-9	O-RING	5	

HOSE CRIMP DIMENSIONS

FITTING	HOSE NO:	DESCRIPTION:	SAE TYPE	DESCRIPTION	CRIMP DIMENSION
1JC55-4-4	550H-4	¼ HOSE x SIZE 4 O-LOK - HOSE END	100 R7	¼ Thermoplastic	14.22-14.73
1J955-4-4	550H-4	¼ HOSE x SIZE 4 O-LOK 90 DEG	100 R7	¼ Thermoplastic	14.22-14.73
1JC55-6-4	550H-4	¼ HOSE x SIZE 6 O-LOK	100 R7	¼ Thermoplastic	14.22-14.73
1JC55-6-6	550H-6	3/8 HOSE x SIZE 6 O-LOK	100 R7	3/8" Thermoplastic	17.15-17.65
1J955-6-6	550H-6	3/8" HOSE x SIZE 6 O-LOK 90 DEG	100 R7	3/8" Thermoplastic	17.15-17.65
1JC48-4-4	421-4SN	¼" HOSE x SIZE 4 O-LOK	100 R1	¼ Wire Braid	16.40-16.90
1J948-6-4	421-4SN	¼" HOSE x SIZE 6 O-LOK 90 DEG	100 R1	¼ Wire Braid	16.40-16.90
1J948-4-4	421-4SN	¼ HOSE x SIZE 4 O-LOK 90 DEG	100 R1	¼ Wire Braid	16.40-16.90
1JC48-6-6	301-6SN	3/8 HOSE x SIZE 6 O-LOK	100 R2	3/8 Wire Braid	21.35-21.85
1JC48-8-8	421-8SN	½ HOSE x SIZE 8 O-LOK	100 R1	½ Wire Braid	23.35-23.85
	301-8SN		100 R2	½ Wire Braid	24.40-24.90
1J948-12-12	421-12SN	¾ HOSE x SIZE 12 O-LOK 90 DEG	100 R1	¾ Wire Braid	30.50-31.00
1J948-16-16	421-16SN	1" HOSE x SIZE 16 O-LOK 90 DEG	100 R1	1" Wire Braid	38.10-38.60
1JC48-16-16	421-16SN		100 R1	1" Wire Braid	38.10-38.60

HYDRAULIC CIRCUIT CHASSIS FITTINGS & HOSES

P/No: 11010-0038 - Up to Serial No: 16711



HYDRAULIC CIRCUIT CHASSIS FITTINGS & HOSES

P/No: 11010-0038 - Up to Serial No: 16711

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41010-0880	HOSE		
2	41010-0881	HOSE		
3	41010-0882	HOSE		
4	41010-0883	HOSE		
5	41010-0884	HOSE		
6	41010-0885	HOSE		
7	41010-0886	HOSE		
8	41010-0887	HOSE		
9	41010-0888	HOSE		
10	41010-0889	HOSE		
11	41010-0890	HOSE		
12	41010-0891	HOSE		
13	41010-0892	HOSE		
14	41010-0893	HOSE		
15	41010-0894	HOSE		
16	41010-0895	HOSE		
17	41010-0896	HOSE		
18	41010-0897	HOSE		
19	41010-0898	HOSE		
20	41010-0899	HOSE		
21	41010-0900	HOSE		
22	41010-0901	HOSE		
23	41010-0902	HOSE		
24	41010-0903	HOSE		
25	41010-0904	HOSE		
26	41010-0905	HOSE		
27	41010-0959	HOSE		
F1	31013-0190	SIZE 4 O-LOK M x 1/4 BSP M	14	
F2	31013-0193	SIZE 4 O-LOK TEE MFM-SWIVEL RUN	4	
F3	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	2	
F4	31013-0342	SIZE 8 O-LOK x ½ BSP MALE	8	
F7	31013-0201	SIZE 4 O-LOK x 1/2 MM BSP MALE	4	
F16	31013-0223	3/8 BLANK PLUG ED SEAL	3	
F28	31013-0226	SIZE 8 O-LOK M x 3/8" BSP M	1	
F29	31013-0395	SIZE 12 O-LOC MFM SWIVEL TEE	1	

HYDRAULIC CIRCUIT CHASSIS FITTINGS & HOSES

P/No: 11010-0038 - Up to Serial No: 16711

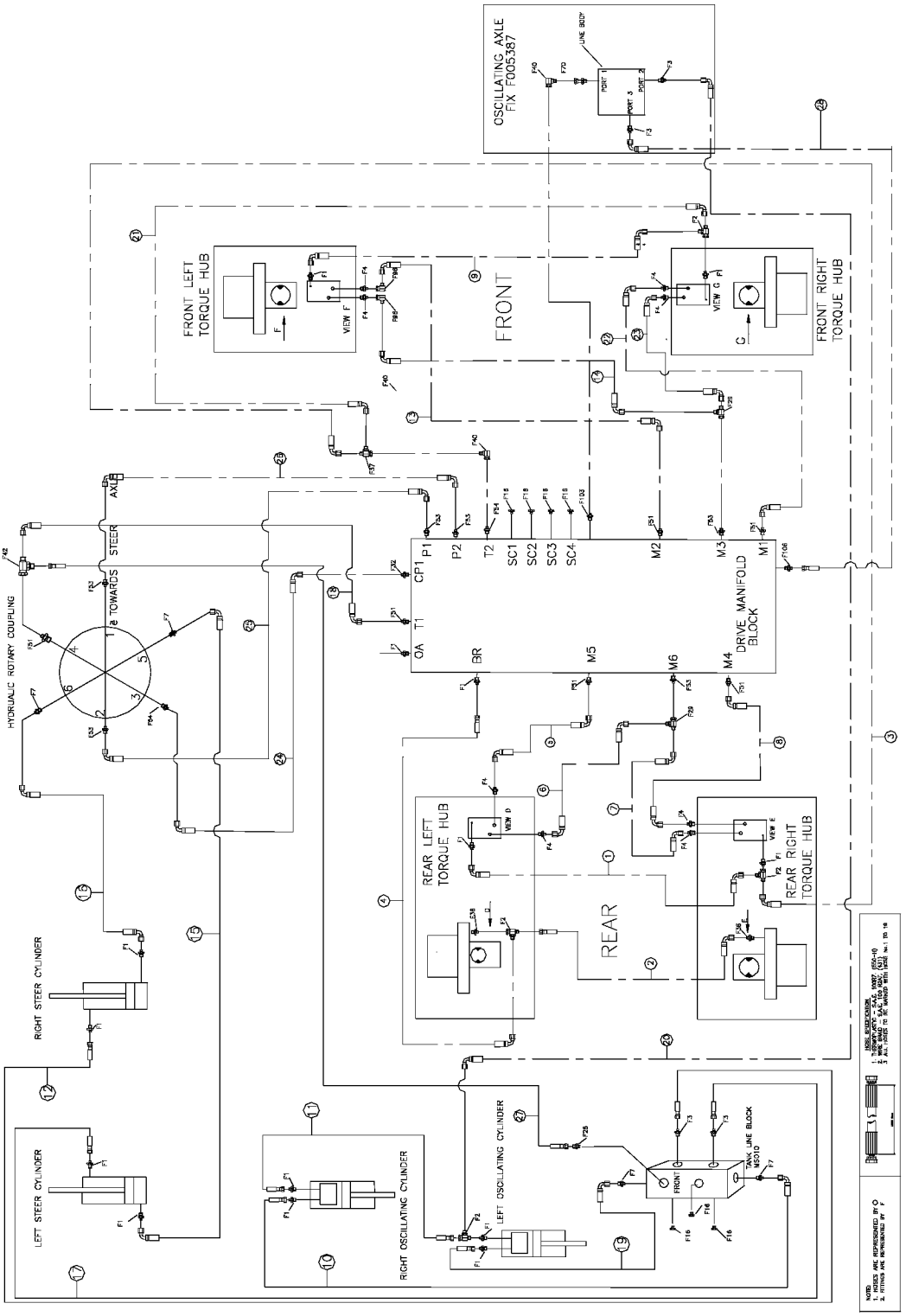
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F32	31013-0207	SIZE 6 O-LOK M x 3/8 BSP M	1	
F36	31013-0198	SIZE 4 O-LOK M x M10 x 1M x 50 Lg	2	
F37	31013-0197	SIZE 6 O-LOK MFM TEE BSP SWIVEL RUN	1	
F40	31013-0217	SIZE 6 O-LOK MF SWIVEL ELB	1	
F42	31013-0206	SIZE 8 O-LOK TEE MFM SWIVEL RUN	1	
F51	31013-0204	SIZE 8 O-LOK M x ¾ BSP M	6	
F53	31013-0214	SIZE 12 O-LOK M x 1 BSP M	6	
F54	31013-0196	SIZE 6 O-LOK M x ¾ BSP M	2	

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MAIN ASSEMBLY

HYDRAULIC CIRCUIT CHASSIS FITTINGS & HOSES

P/No: 11010-0038 - From Serial No: 16712



HYDRAULIC CIRCUIT CHASSIS FITTINGS & HOSES

P/No: 11010-0038 - From Serial No: 16712

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41010-0880	HOSE		
2	41010-0881	HOSE		
3	41010-0882	HOSE		
4	41010-0883	HOSE		
5	41010-0884	HOSE		
6	41010-0885	HOSE		
7	41010-0886	HOSE		
8	41010-0887	HOSE		
9	41010-0888	HOSE		
10	41010-0889	HOSE		
11	41010-0890	HOSE		
12	41010-0891	HOSE		
13	41010-0892	HOSE		
14	41010-0893	HOSE		
15	41010-0894	HOSE		
16	41010-0895	HOSE		
17	41010-0896	HOSE		
18	41010-0897	HOSE		
19	41010-0898	HOSE		
20	41010-0899	HOSE		
21	41010-0900	HOSE		
22	41010-0901	HOSE		
23	41010-0902	HOSE		
24	41010-0903	HOSE		
25	41010-0904	HOSE		
26	41010-0905	HOSE		
27	41010-0959	HOSE		
F1	31013-0190	SIZE 4 O-LOK M x 1/4 BSP M	14	
F2	31013-0193	SIZE 4 O-LOK TEE MFM-SWIVEL RUN	4	
F3	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	2	
F4	31013-0342	SIZE 8 O-LOK x ½ BSP MALE	8	
F7	31013-0201	SIZE 4 O-LOK x 1/2 MM BSP MALE	4	
F16	31013-0223	3/8 BLANK PLUG ED SEAL	7	
F28	31013-0226	SIZE 8 O-LOK M x 3/8" BSP M	1	
F29	31013-0395	SIZE 12 O-LOC MFM SWIVEL TEE	1	

HYDRAULIC CIRCUIT CHASSIS FITTINGS & HOSES

P/No: 11010-0038 - From Serial No: 16712

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F32	31013-0207	SIZE 6 O-LOK M x 3/8 BSP M	1	
F36	31013-0198	SIZE 4 O-LOK M x M10 x 1M x 50 Lg	2	
F37	31013-0197	SIZE 6 O-LOK MFM TEE BSP SWIVEL RUN	1	
F40	31013-0217	SIZE 6 O-LOK MF SWIVEL ELB	1	
F42	31013-0206	SIZE 8 O-LOK TEE MFM SWIVEL RUN	1	
F51	31013-0204	SIZE 8 O-LOK M x ¾ BSP M	6	
F53	31013-0214	SIZE 12 O-LOK M x 1 BSP M	6	
F54	31013-0196	SIZE 6 O-LOK M x ¾ BSP M	2	
F96	31013-0433	90 DEG SWIVEL NUT ELBOW	4	

KIT OF FITTINGS FOR OSCILLATING AXLE FIX (F005387)

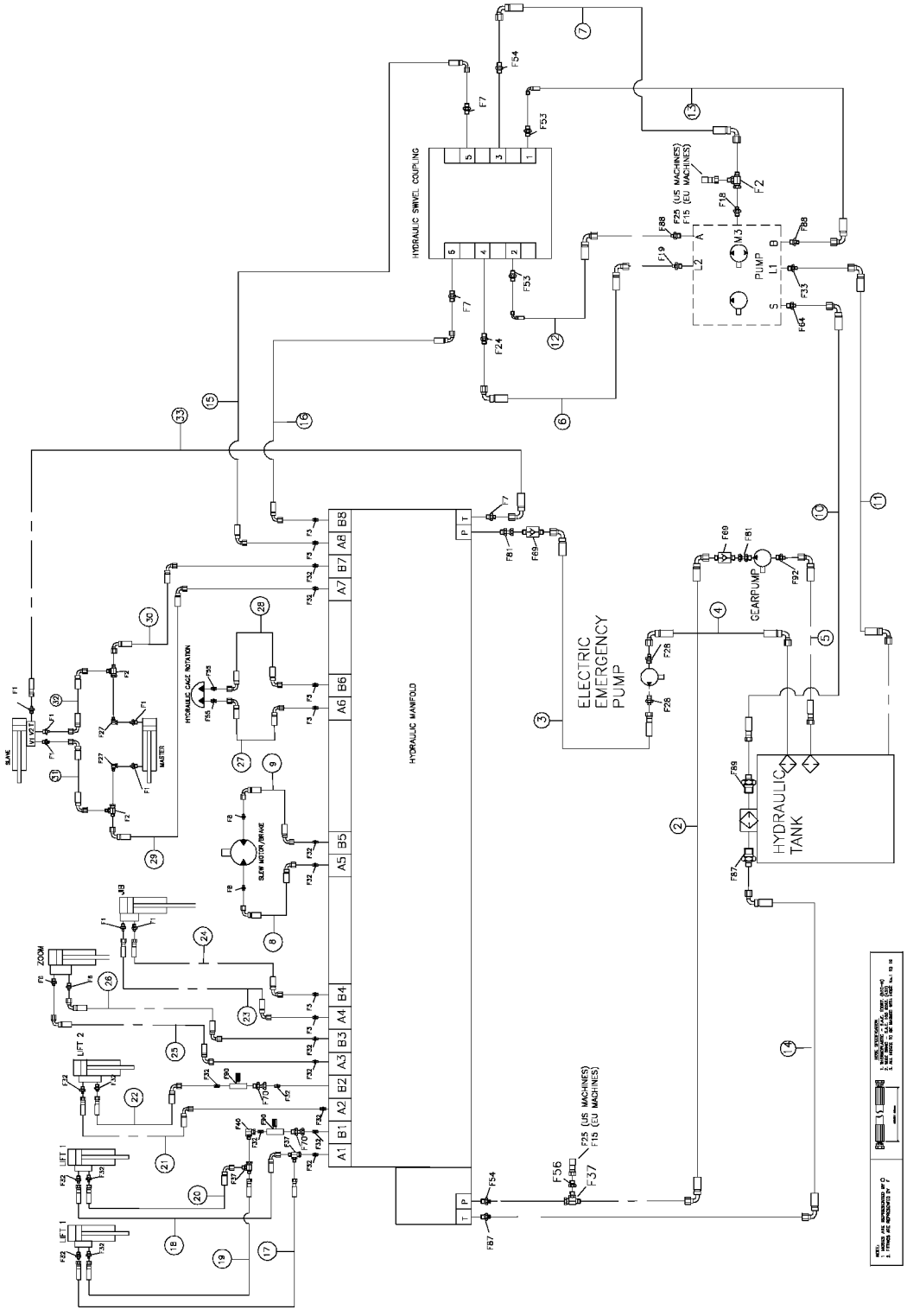
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F1	31013-0190	SIZE 4 O-LOK M x 1/4 BSP M	1	
F2	31013-0193	SIZE 4 O-LOK TEE MFM-SWIVEL RUN	1	
F3	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	1	
F4	31013-0342	SIZE 8 O-LOK x ½" BSP MALE	1	
F7	31013-0201	SIZE 4 O-LOK x ½" MM BSP MALE	2	
F16	31013-0223	3/8 BLANK PLUG ED SEAL	1	
28	41010-1013	230MM HOSE	1	

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MAIN ASSEMBLY

HYDRAULIC CIRCUIT PLINTH FITTINGS & HOSES

P/No: 11010-0040 - Up To Serial No: 16519



HYDRAULIC CIRCUIT PLINTH FITTINGS & HOSES

P/No: 11010-0040 - Up To Serial No: 16519

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
2	41010-0907	HOSE		
3	41010-0908	HOSE		
4	41010-0909	HOSE		
5	41010-0910	HOSE		
6	41010-0911	HOSE		
7	41010-0912	HOSE		
8	41010-0913	HOSE		
9	41010-0914	HOSE		
10	41010-0915	HOSE		
11	41010-0916	HOSE		
12	41010-0917	HOSE		
13	41010-0918	HOSE		
14	41010-0919	HOSE		
15	41010-0920	HOSE		
16	41010-0921	HOSE		
17	41010-0922	HOSE		
18	41010-0923	HOSE		
19	41010-0924	HOSE		
20	41010-0925	HOSE		
21	41010-0926	HOSE		
22	41010-0927	HOSE		
23	41010-0928	HOSE		
24	41010-0929	HOSE		
25	41010-0930	HOSE		
26	41010-00931	HOSE		
27	41010-0932	HOSE		
28	41010-0933	HOSE		
29	41010-0934	HOSE		
30	41010-0935	HOSE		
31	41010-0936	HOSE		
32	41010-0937	HOSE		
33	41010-0938	HOSE		

MAIN ASSEMBLY

HYDRAULIC CIRCUIT PLINTH FITTINGS & HOSES

P/No: 11010-0040 - Up To Serial No: 16519

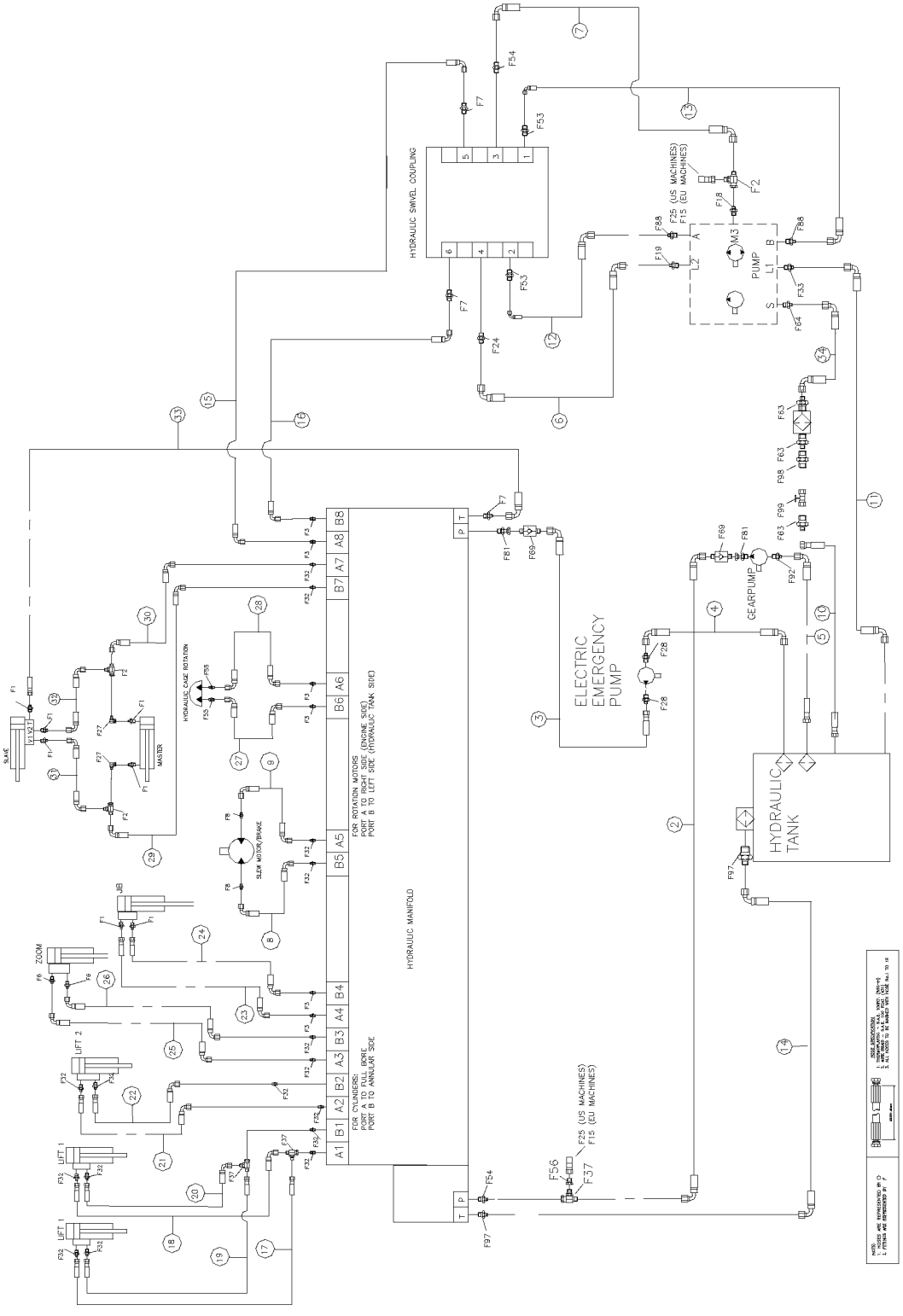
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F1	31013-0190	SIZE 4 O-LOK M x ¼ BSP M	21	
F2	31013-0193	SIZE 4 O-LOK TEE M FM-SWIVEL RUN	8	
F3	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	18	
F4	31013-0342	SIZE 8 O-LOK x ½" BSP MALE	2	
F5	31013-0210	SIZE 4 O-LOK M x M14 x 1.5 M	4	
F6	31013-0224	SIZE 6 O-LOK x ¼ BSP M	2	
F7	31013-0201	SIZE 4 O-LOK x ½" BSP MALE	1	
F8	31013-0202	SIZE 6 O-LOK M x ½ BSP M	1	
F15	31013-0218	¼" BSP TEST POINT	2	EU Machines Only
F16	31013-0223	3/8 BLANK PLUG ED SEAL	1	
F18	31013-0367	SIZE 4 O-LOK ¾ UNF	1	
F19	31013-0366	SIZE 8 O-LOK x 1 1/16 UNF	1	
F20	31013-0228	SIZE 16 O-LOK M x 1 ¼ BSP M	1	
F24	31013-0247	SIZE 8 O-LOK x ¾" BSP M	1	
F25	31013-0382	US TEST POINT	2	US Machines Only
F27	31013-0215	SIZE 4 O-LOK M x ¼" BSP M 90^0 ELB	2	
F28	31013-0226	SIZE 8 O-LOK M x 3/8" BSP M	2	
F32	31013-0207	SIZE 6 O-LOK M x 3/8" BSP M	18	
F33	31013-0369	SIZE 12 O-LOK M x 1 1/16 UNF	1	
F37	31013-0197	SIZE 6 O-LOK MFM TEE BSP SWIVEL RUN	3	
F40	31013-0217	SIZE 6 O-LOK M/F 90^0 ELB	1	
F53	31013-0214	SIZE 12 O-LOK M x 1 BSP M	2	
F54	31013-0196	SIZE 6 O-LOK M x ¾ BSP M	2	
F56	31013-0243	SIZE 6 O-LOK TO SIZE 4 O-LOK M REDUCER	1	
F64	31013-0252	SIZE 16 O-LOK x 5/16" UNF MM	1	
F69	31013-0403	8 O-LOK MM CHECK VALVE	2	
F70	31013-0404	SIZE 6 O-LOK SWIVEL F x 3/8 BSP M	2	
F81	31013-0415	SIZE 8 O-LOK SWIVEL F x ½ BSP M	2	
F87	31013-0420	SIZE 20 O-LOK TO 1" BSP	2	
F88	31013-0421	SIZE 12 O-LOK M x 1 UNF M	2	
F89	31013-0422	SIZE 16 O-LOK M x ¾ BSP M	1	
F90	41007-0021	VARIABLE RESTRICTOR VALVE 3/8 F	2	
F92	31013-0424	SIZE 20 O-LOK M x ¾ BSP M	1	

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MAIN ASSEMBLY

HYDRAULIC CIRCUIT PLINTH FITTINGS&HOSES 11010-0040

From Serial No: 16520 to 16595 including 16661 & 16662



HYDRAULIC CIRCUIT PLINTH FITTINGS&HOSES 11010-0040

From Serial No: 16520 to 16595 including 16661 & 16662

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
2	41010-0907	HOSE		
3	41010-0908	HOSE		
4	41010-0909	HOSE		
5	41010-0910	HOSE		
6	41010-0911	HOSE		
7	41010-0912	HOSE		
8	41010-0913	HOSE		
9	41010-0914	HOSE		
10	41010-1011	HOSE		
11	41010-0916	HOSE		
12	41010-0917	HOSE		
13	41010-0918	HOSE		
14	41010-1010	HOSE		
15	41010-0920	HOSE		
16	41010-0921	HOSE		
17	41010-0922	HOSE		
18	41010-0923	HOSE		
19	41010-0924	HOSE		
20	41010-0925	HOSE		
21	41010-0926	HOSE		
22	41010-0927	HOSE		
23	41010-0928	HOSE		
24	41010-0929	HOSE		
25	41010-0930	HOSE		
26	41010-00931	HOSE		
27	41010-0932	HOSE		
28	41010-0933	HOSE		
29	41010-0934	HOSE		
30	41010-0935	HOSE		
31	41010-0936	HOSE		
32	41010-0937	HOSE		
33	41010-0938	HOSE		
34	41010-1012	HOSE		

MAIN ASSEMBLY

HYDRAULIC CIRCUIT PLINTH FITTINGS&HOSES 11010-0040

From Serial No: 16520 to 16595 including 16661 & 16662

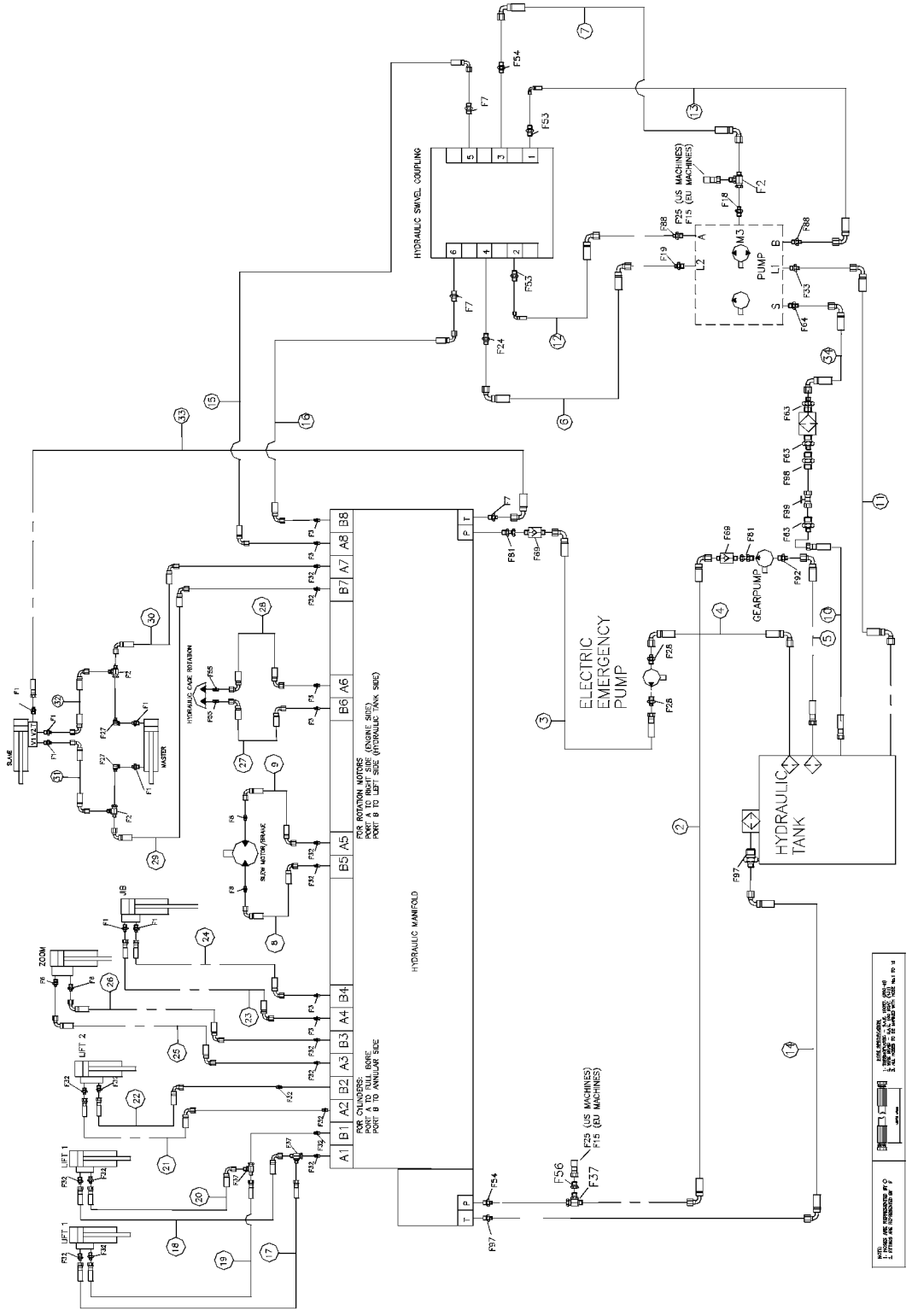
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F1	31013-0190	SIZE 4 O-LOK M x ¼ BSP M	7	
F2	31013-0193	SIZE 4 O-LOK TEE M FM-SWIVEL RUN	3	
F3	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	6	
F6	31013-0224	SIZE 6 O-LOK x ¼ BSP M	2	
F7	31013-0201	SIZE 4 O-LOK x ½" BSP MALE	3	
F15	31013-0218	¼" BSP TEST POINT	2	EU Machines Only
F18	31013-0367	SIZE 4 O-LOK ¾ UNF	1	
F19	31013-0366	SIZE 8 O-LOK x 1 1/16 UNF	1	
F24	31013-0247	SIZE 8 O-LOK x ¾" BSP M	1	
F25	31013-0382	US TEST POINT	2	US Machines Only
F27	31013-0215	SIZE 4 O-LOK M x ¼" BSP M 90^0 ELB	2	
F28	31013-0226	SIZE 8 O-LOK M x 3/8" BSP M	2	
F32	31013-0207	SIZE 6 O-LOK M x 3/8" BSP M	16	
F33	31013-0369	SIZE 12 O-LOK M x 1 1/16 UNF	1	
F37	31013-0197	SIZE 6 O-LOK MFM TEE BSP SWIVEL RUN	3	
F53	31013-0214	SIZE 12 O-LOK M x 1 BSP M	2	
F54	31013-0196	SIZE 6 O-LOK M x ¾ BSP M	2	
F56	31013-0243	SIZE 6 O-LOK TO SIZE 4 O-LOK M REDUCER	1	
F63	31013-0251	SIZE 16 O-LOK x ¼" BSP	3	
F64	31013-0252	SIZE 16 O-LOK x 5/16" UNF MM	1	
F69	31013-0403	8 O-LOK MM CHECK VALVE	2	
F81	31013-0415	SIZE 8 O-LOK SWIVEL F x ½ BSP M	2	
F88	31013-0421	SIZE 12 O-LOK M x 1 UNF M	2	
F92	31013-0424	SIZE 20 O-LOK M x ¾ BSP M	1	
F97	31013-0232	SIZE 16 O0LOK M x 1" BSP M	1	
F98	31013-0435	SIZE 16 O-LOK F x 1" BSP M	1	
F99	31013-0436	1" BALL VALVE	1	

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MAIN ASSEMBLY

HYDRAULIC CIRCUIT PLINTH FITTINGS&HOSES 11010-0040

From Serial No: 16596 excluding 16661 & 16662 To Serial No: 16711



HYDRAULIC CIRCUIT PLINTH FITTINGS&HOSES 11010-0040

From Serial No: 16596 excluding 16661 & 16662 To Serial No: 16711

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
2	41010-0907	HOSE		
3	41010-0908	HOSE		
4	41010-0909	HOSE		
5	41010-0910	HOSE		
6	41010-0911	HOSE		
7	41010-0912	HOSE		
8	41010-0913	HOSE		
9	41010-0914	HOSE		
10	41010-1011	HOSE		
11	41010-0916	HOSE		
12	41010-0917	HOSE		
13	41010-0918	HOSE		
14	41010-1010	HOSE		
15	41010-0920	HOSE		
16	41010-0921	HOSE		
17	41010-0922	HOSE		
18	41010-0923	HOSE		
19	41010-0924	HOSE		
20	41010-0925	HOSE		
21	41010-0926	HOSE		
22	41010-0927	HOSE		
23	41010-0928	HOSE		
24	41010-0929	HOSE		
25	41010-0930	HOSE		
26	41010-00931	HOSE		
27	41010-0932	HOSE		
28	41010-0933	HOSE		
29	41010-0934	HOSE		
30	41010-0935	HOSE		
31	41010-0936	HOSE		
32	41010-0937	HOSE		
33	41010-0938	HOSE		
34	41010-1012	HOSE		

MAIN ASSEMBLY

HYDRAULIC CIRCUIT PLINTH FITTINGS&HOSES 11010-0040

From Serial No: 16596 excluding 16661 & 16662 To Serial No: 16711

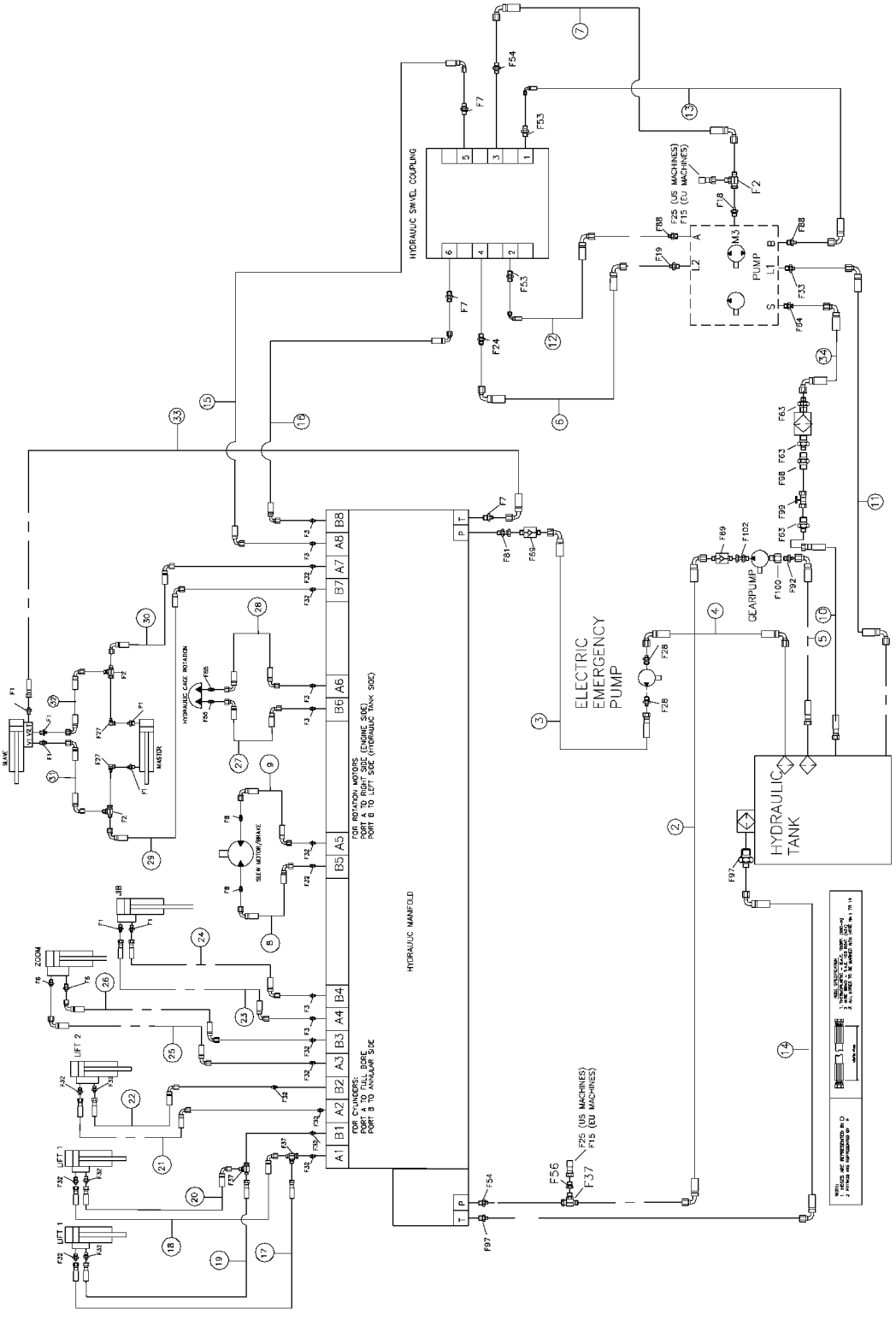
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F1	31013-0190	SIZE 4 O-LOK M x ¼ BSP M	7	
F2	31013-0193	SIZE 4 O-LOK TEE M FM-SWIVEL RUN	3	
F3	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	6	
F6	31013-0224	SIZE 6 O-LOK x ¼ BSP M	2	
F7	31013-0201	SIZE 4 O-LOK x ½" BSP MALE	3	
F15	31013-0218	¼" BSP TEST POINT	2	EU Machines Only
F18	31013-0367	SIZE 4 O-LOK ¾ UNF	1	
F19	31013-0366	SIZE 8 O-LOK x 1 1/16 UNF	1	
F24	31013-0247	SIZE 8 O-LOK x ¾" BSP M	1	
F25	31013-0382	US TEST POINT	2	US Machines Only
F27	31013-0215	SIZE 4 O-LOK M x ¼" BSP M 90^0 ELB	2	
F28	31013-0226	SIZE 8 O-LOK M x 3/8" BSP M	2	
F32	31013-0207	SIZE 6 O-LOK M x 3/8" BSP M	16	
F33	31013-0369	SIZE 12 O-LOK M x 1 1/16 UNF	1	
F37	31013-0197	SIZE 6 O-LOK MFM TEE BSP SWIVEL RUN	3	
F53	31013-0214	SIZE 12 O-LOK M x 1 BSP M	2	
F54	31013-0196	SIZE 6 O-LOK M x ¾ BSP M	2	
F56	31013-0243	SIZE 6 O-LOK TO SIZE 4 O-LOK M REDUCER	1	
F63	31013-0251	SIZE 16 O-LOK x 1 ¼" BSP	3	
F64	31013-0252	SIZE 16 O-LOK x 1 5/16" UNF MM	1	
F69	31013-0403	8 O-LOK MM CHECK VALVE	2	
F81	31013-0415	SIZE 8 O-LOK SWIVEL F x ½ BSP M	2	
F88	31013-0421	SIZE 12 O-LOK M x 1 UNF M	2	
F92	31013-0424	SIZE 20 O-LOK M x ¾ BSP M	1	
F97	31013-0232	SIZE 16 O0LOK M x 1" BSP M	1	
F98	31013-0435	SIZE 16 O-LOK F x 1" BSP M	1	
F99	31013-0436	1" BALL VALVE	1	

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MAIN ASSEMBLY

HYDRAULIC CIRCUIT PLINTH FITTINGS&HOSES 11010-0040

From Serial No: 16712 To Serial No: 17167



HYDRAULIC CIRCUIT PLINTH FITTINGS&HOSES 11010-0040

From Serial No: 16712 To Serial No: 17167

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
2	41010-0907	HOSE		
3	41010-0908	HOSE		
4	41010-0909	HOSE		
5	41010-0910	HOSE		
6	41010-0911	HOSE		
7	41010-0912	HOSE		
8	41010-0913	HOSE		
9	41010-0914	HOSE		
10	41010-1011	HOSE		
11	41010-0916	HOSE		
12	41010-0917	HOSE		
13	41010-0918	HOSE		
14	41010-1010	HOSE		
15	41010-0920	HOSE		
16	41010-0921	HOSE		
17	41010-0922	HOSE		
18	41010-0923	HOSE		
19	41010-0924	HOSE		
20	41010-0925	HOSE		
21	41010-0926	HOSE		
22	41010-0927	HOSE		
23	41010-0928	HOSE		
24	41010-0929	HOSE		
25	41010-0930	HOSE		
26	41010-0931	HOSE		
27	41010-0932	HOSE		
28	41010-0933	HOSE		
29	41010-0934	HOSE		
30	41010-0935	HOSE		
31	41010-0936	HOSE		
32	41010-0937	HOSE		
33	41010-0938	HOSE		
34	41010-1012	HOSE		

MAIN ASSEMBLY

HYDRAULIC CIRCUIT PLINTH FITTINGS&HOSES 11010-0040

From Serial No: 16712 To Serial No: 17167

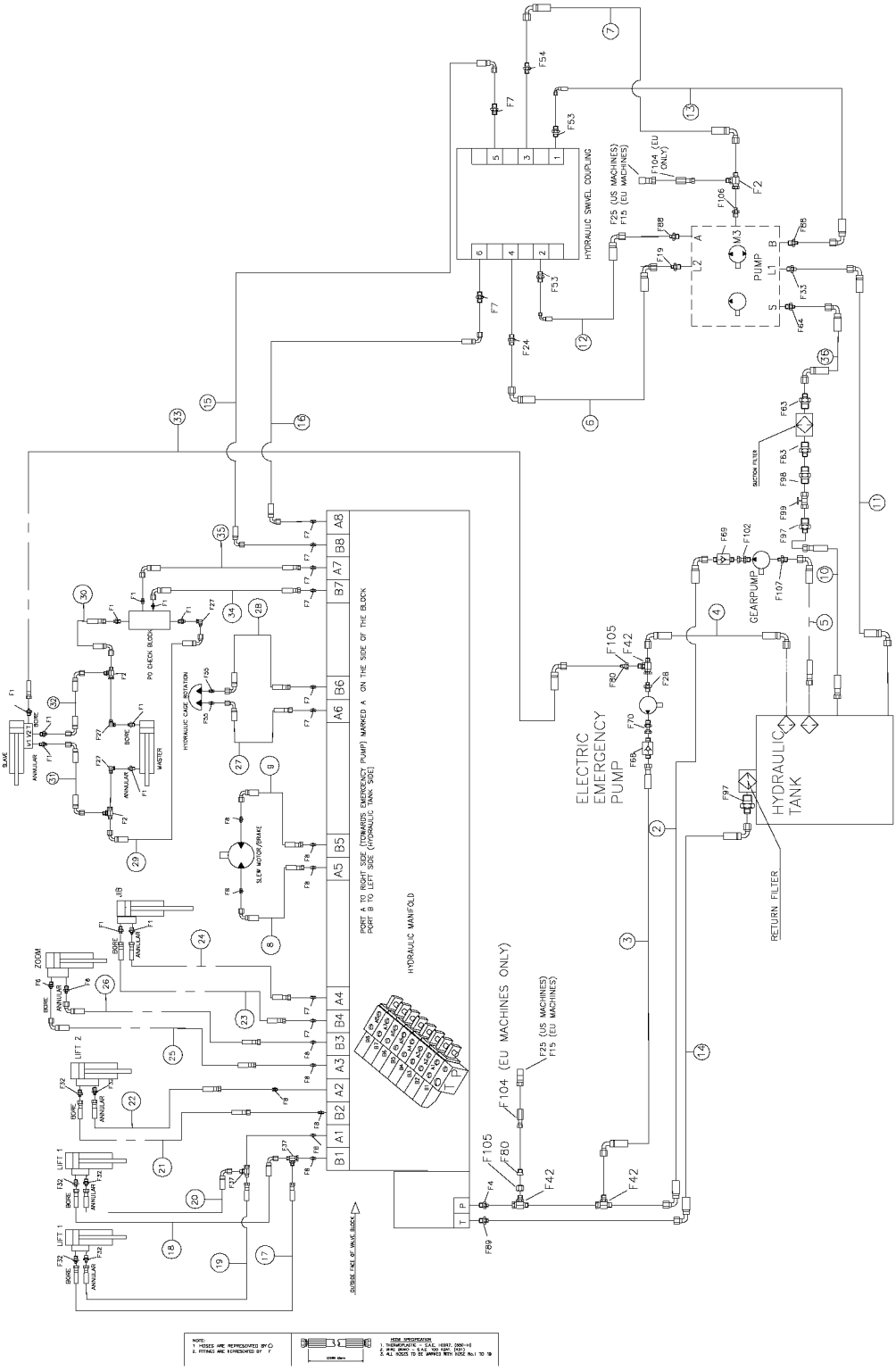
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F1	31013-0190	SIZE 4 O-LOK M x ¼ BSP M	7	
F2	31013-0193	SIZE 4 O-LOK TEE M FM-SWIVEL RUN	3	
F3	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	6	
F6	31013-0224	SIZE 6 O-LOK x ¼ BSP M	2	
F7	31013-0201	SIZE 4 O-LOK x ½" BSP MALE	3	
F15	31013-0218	SIZE 4 O-LOK ¼" BSP TEST POINT	2	EU Machines Only
F18	31013-0367	SIZE 4 O-LOK ¾ UNF	1	
F19	31013-0366	SIZE 8 O-LOK x 1 1/16 UNF	1	
F24	31013-0247	SIZE 8 O-LOK x ¾" BSP M	1	
F25	31013-0382	US TEST POINT	2	US Machines Only
F27	31013-0215	SIZE 4 O-LOK M x ¼" BSP M 90^0 ELB	2	
F28	31013-0226	SIZE 8 O-LOK M x 3/8" BSP M	2	
F32	31013-0207	SIZE 6 O-LOK M x 3/8" BSP M	16	
F33	31013-0369	SIZE 12 O-LOK M x 1 1/16 UNF	1	
F37	31013-0197	SIZE 6 O-LOK MFM TEE BSP SWIVEL RUN	3	
F53	31013-0214	SIZE 12 O-LOK M x 1 BSP M	2	
F54	31013-0196	SIZE 6 O-LOK M x ¾ BSP M	2	
F56	31013-0243	SIZE 6 O-LOK TO SIZE 4 O-LOK M REDUCER	1	
F63	31013-0251	SIZE 16 O-LOK x 1 ¼" BSP	3	
F64	31013-0252	SIZE 16 O-LOK x 1 5/16" UNF MM	1	
F69	31013-0403	8 O-LOK MM CHECK VALVE	2	
F81	31013-0415	SIZE 8 O-LOK SWIVEL F x ½ BSP M	2	
F88	31013-0421	SIZE 12 O-LOK M x 1 UNF M	2	
F92	31013-0424	SIZE 20 O-LOK M x ¾ BSP M	1	
F97	31013-0232	SIZE 16 O0LOK M x 1" BSP M	1	
F98	31013-0435	SIZE 16 O-LOK F x 1" BSP M	1	
F99	31013-0436	1" BALL VALVE	1	
F100	31013-0437	½" BSP M x ¾" F O-LOK	1	
F102	31013-0439	3/8" BSP MALE TO ½" O-LOK FEMALE	1	

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MAIN ASSEMBLY

HYDRAULIC CIRCUIT, PLINTH

Danfoss Part No: 11010-0047 From Serial No: 17168



HYDRAULIC HOSE LIST, PLINTH

Danfoss Part No: 11010-0047 From Serial No: 17168

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
2	41010-0907	HOSE		
3	41010-1043	HOSE		
4	41010-1044	HOSE		
5	41010-1014	HOSE		
6	41010-0911	HOSE		
7	41010-0912	HOSE		
8	41010-0913	HOSE		
9	41010-0914	HOSE		
10	41010-1011	HOSE		
11	41010-0916	HOSE		
12	41010-0917	HOSE		
13	41010-0918	HOSE		
14	41010-1061	HOSE		
15	41010-0920	HOSE		
16	41010-0921	HOSE		
17	41010-1060	HOSE		
18	41010-1045	HOSE		
19	41010-1060	HOSE		
20	41010-1046	HOSE		
21	41010-0926	HOSE		
22	41010-0927	HOSE		
23	41010-1059	HOSE		
24	41010-1059	HOSE		
25	41010-0930	HOSE		
26	41010-0931	HOSE		
27	41010-1058	HOSE		
28	41010-1058	HOSE		
29	41010-0934	HOSE		
30	41010-1057	HOSE		
31	41010-0936	HOSE		
32	41010-0937	HOSE		
33	41010-0938	HOSE		
34	41010-1056	HOSE		
35	41010-1056	HOSE		
36	41010-1012	HOSE		

MAIN ASSEMBLY

HYDRAULIC FITTINGS, PLINTH

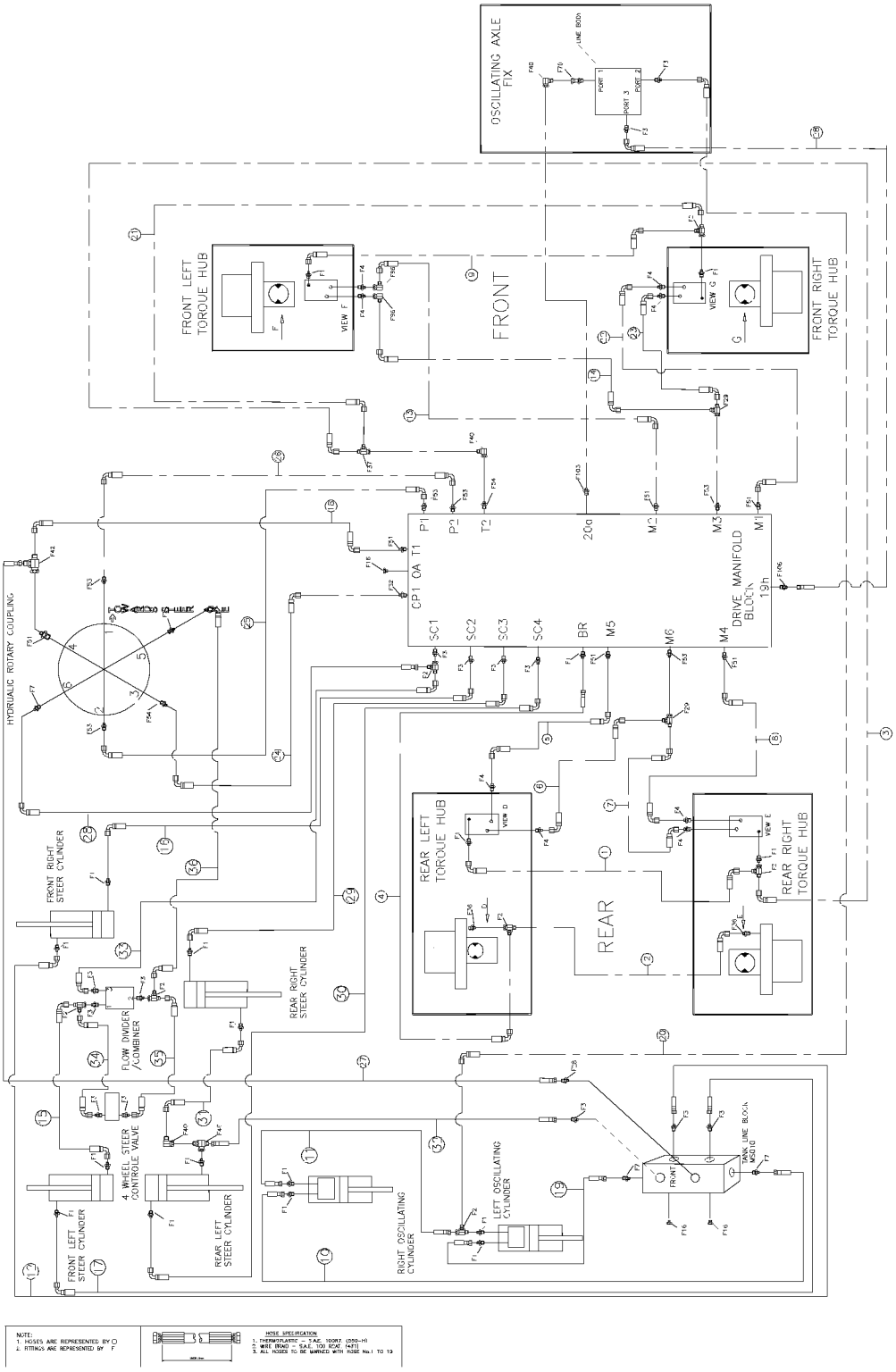
Danfoss Part No: 11010-0047 From Serial No: 17168

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F1	31013-0190	SIZE 4 O-LOK M x ¼ BSP M	11	
F2	31013-0193	SIZE 4 O-LOK TEE M FM-SWIVEL RUN	3	
F4	31013-0342	SIZE 8 O-LOK x ½" BSP M	1	
F6	31013-0224	SIZE 6 O-LOK x ¼" BSP M	2	
F7	31013-0201	SIZE 4 O-LOK x ½ MM BSP	10	
F8	31013-0202	SIZE 6 O-LOK x ½ MM BSP	10	
F15	31013-0218	SIZE 4 O-LOK BSP TEST POINT	2	EU Machines Only
F19	31013-0366	SIZE 8 O-LOK x 1 1/16 UNF MM	1	
F24	31013-0247	SIZE 8 O-LOK x ¾" BSP M	1	
F25	31013-0382	US TEST POINT	2	US Machines Only
F27	31013-0215	SIZE 4 O-LOK M x ¼" BSP M 90^0 ELB	2	
F28	31013-0226	SIZE 8 O-LOK M x 3/8" BSP M	1	
F32	31013-0207	SIZE 6 O-LOK M x 3/8" BSP M	6	
F33	31013-0369	SIZE 12 O-LOK M x 1 1/16 UNF	1	
F37	31013-0197	SIZE 6 O-LOK MFM TEE BSP SWIVEL RUN	2	
F42	31013-0206	SIZE 8 O-LOK TEE MFM SWIVEL RUN	3	
F53	31013-0214	SIZE 12 O-LOK M x 1 BSP M	2	
F54	31013-0196	SIZE 6 O-LOK M x ¾ BSP M	1	
F55	31013-0242	SIZE 4 O-LOK M x 7/16 UNF M	2	
F63	31013-0251	SIZE 16 O-LOK x 1 ¼" BSP	2	
F64	31013-0252	SIZE 16 O-LOK x 1 5/16" UNF MM	1	
F68	31013-0402	SIZE 6 O-LOK MM CHECK VALVE	1	
F69	31013-0403	8 O-LOK MM CHECK VALVE	1	
F70	31013-0404	3/8" BSP MALE TO 6 O-LOK FEMALE	1	
F80	31013-0414	SIZE 8 O-LOK x 4 O-LOK REDUCER	2	
F88	31013-0421	SIZE 12 O-LOK M x 1 UNF M	2	
F89	31013-0422	SIZE 16 O-LOK M x ¾" BSP M	1	
F97	31013-0232	SIZE 16 O-LOK M x 1" BSP M	2	
F98	31013-0435	SIZE 16 O-LOK F x 1" BSP M	1	
F99	31013-0436	1" BALL VALVE	1	
F102	31013-0439	3/8" BSP MALE TO 8 O-LOK FEMALE	1	
F104	31013-0227	SIZE 4 O-LOK x ¼ BSP FM	2	
F105	31013-0377	NUT (METRIC HEXAGONAL)	2	
F106	31013-0368	SIZE 4 O-LOK 9/16" UNF MM	1	
F107	31013-0444	MALE CONNECTOR BSPP	1	

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HYDRAULIC HOSE, FITTING DIAGRAM

4 WHEEL STEER OPTION - P/N: 11040-0046



HYDRAULIC HOSE KIT, 4 WHEEL STEER OPTION

P/N: 11040-0046

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41010-1022	HOSE		
2	41010-1023	HOSE		
3	41010-0882	HOSE		
4	41010-1024	HOSE		
5	41010-1025	HOSE		
6	41010-1026	HOSE		
7	41010-1027	HOSE		
8	41010-1028	HOSE		
9	41010-0888	HOSE		
10	41010-1029	HOSE		
11	41010-0890	HOSE		
12	41010-0891	HOSE		
13	41010-0892	HOSE		
14	41010-0893	HOSE		
15	41010-1062	HOSE		
16	41010-1030	HOSE		
17	41010-0896	HOSE		
18	41010-0897	HOSE		
19	41010-1031	HOSE		
20	41010-0899	HOSE		
21	41010-0900	HOSE		
22	41010-0901	HOSE		
23	41010-0902	HOSE		
24	41010-0903	HOSE		
25	41010-0904	HOSE		
26	41010-0905	HOSE		
27	41010-0959	HOSE		
28	41010-1032	HOSE		
29	41010-1033	HOSE		
30	41010-1034	HOSE		
31	41010-1035	HOSE		
32	41010-1036	HOSE		
33	41010-1063	HOSE		
34	41010-1064	HOSE		
35	41010-1065	HOSE		
36	41010-1066	HOSE		

MAIN ASSEMBLY

HYDRAULIC FITTINGS 4 WHEEL STEER OPTION

P/N: 11040-0046

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F1	31013-0190	SIZE 4 O-LOK M x ¼ BSP M	18	
F2	31013-0193	SIZE 4 O-LOK TEE MFM-SWIVEL RUN	7	
F3	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	12	
F4	31013-0342	SIZE 8 O-LOK x ½" BSP MALE	8	
F7	31013-0201	SIZE 4 O-LOK x ½ MM BSP	4	
F16	31013-0223	3/8 BLANK PLUG ED SEAL	2	
F28	31013-0226	SIZE 8 O-LOK M x 3/8" BSP M	1	
F29	31013-0395	SIZE 12 O-LOC MFM SWIVEL TEE	1	
F32	31013-0207	SIZE 6 O-LOK M x 3/8 BSP M	1	
F36	31013-0198	SIZE 4 O-LOK M x M10 x 1M x 50 Lg	2	
F37	31013-0197	SIZE 6 O-LOK MFM TEE BSP SWIVEL RUN	1	
F40	31013-0217	SIZE 6 O-LOK MF SWIVEL ELB	2	
F42	31013-0206	SIZE 8 O-LOK TEE MFM SWIVEL RUN	1	
F46	31013-0378	SIZE 4 O-LOK TEE MFM SWIVEL RUN	1	
F51	31013-0204	SIZE 8 O-LOK M x ¾ BSP M	6	
F53	31013-0214	SIZE 12 O-LOK M x 1 BSP M	6	
F54	31013-0196	SIZE 6 O-LOK M x ¾ BSP M	2	
F96	31013-0433	90 DEG SWIVEL NUT BELOW	4	

KIT OF FITTINGS FOR OSCILLATING AXLE FIX

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F103	31013-0443		1	
F106	31013-0368		1	
F70	31013-0404		1	
F40	31013-0217		1	
F3	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	2	
F86	31013-0222		1	
28	41010-1013	230MM HOSE	1	

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3-17 TRANSMISSION MANIFOLD
(For machines with Oscillating Axle Fan Fix (F005387) From Serial No: 16776

3-20 STEER CYLINDER, 4 WHEEL STEER OPTION

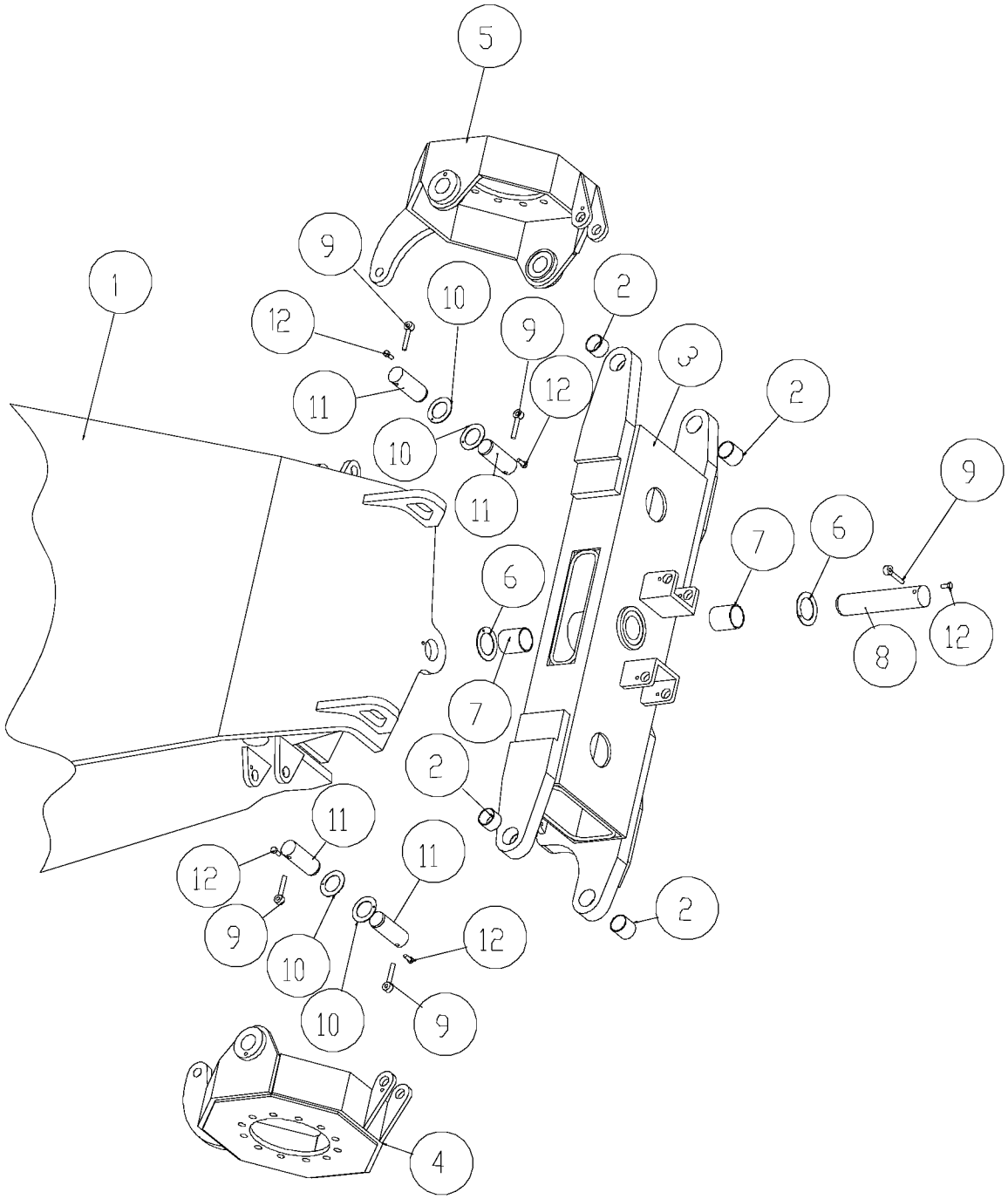
3-21 OSCILLATING CYLINDER - Up To Serial No: 16712

3-22 OSCILLATING CYLINDER - From Serial No: 16712

3-23 HYDRAULIC SWIVEL

BASE ASSEMBLY

CHASSIS ASSEMBLY - P/No: 13001-0088



BASE ASSEMBLY

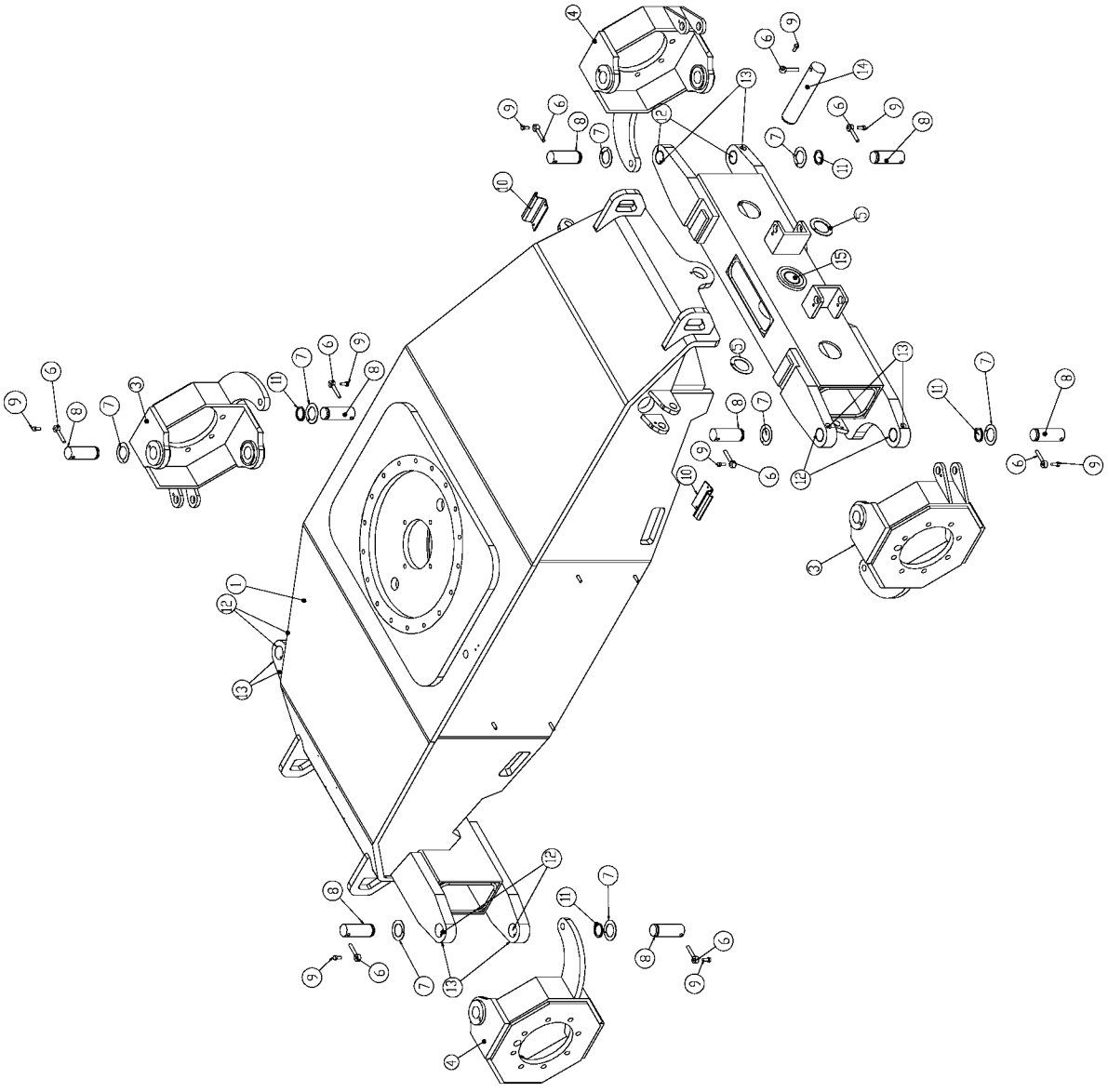
CHASSIS ASSEMBLY - P/No: 13001-0088

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	13001-0088	CHASSIS COMPLETE	1	
2	44031-0034	40 x 40 BEARING BUSH	4	
3	43010-0009	AXLE ASSY	1	
4	43010-0008	STEER ASSY LHS	1	(From Front)
5	43010-0010	STEER ASSY RHS	1	(From Front)
6	44013-0081	52 I/D THRUST WASHER	3	
7	44031-0060	50 x 60 BEARING BUSH	2	
8	44021-0694	AXLE PIVOT PIN	1	
9	44021-0689	BUCK PIN	5	
10	11683	42 I/D THRUST WASHER	4	
11	44021-0695	STEER PIVOT PIN	4	
12	44002-0036	M8 x 20 BOLT	5	
	44019-0116	40mm Circlip	2	In association with new pin 44021-0695 See Technical Release TR0007
	44051-0001	M8 GREASE NIPPLE	5	

BASE ASSEMBLY

CHASSIS / DRIVE ASSEMBLY, 4 WHEEL STEER OPTION

PART NO: 13001-0090



BASE ASSEMBLY

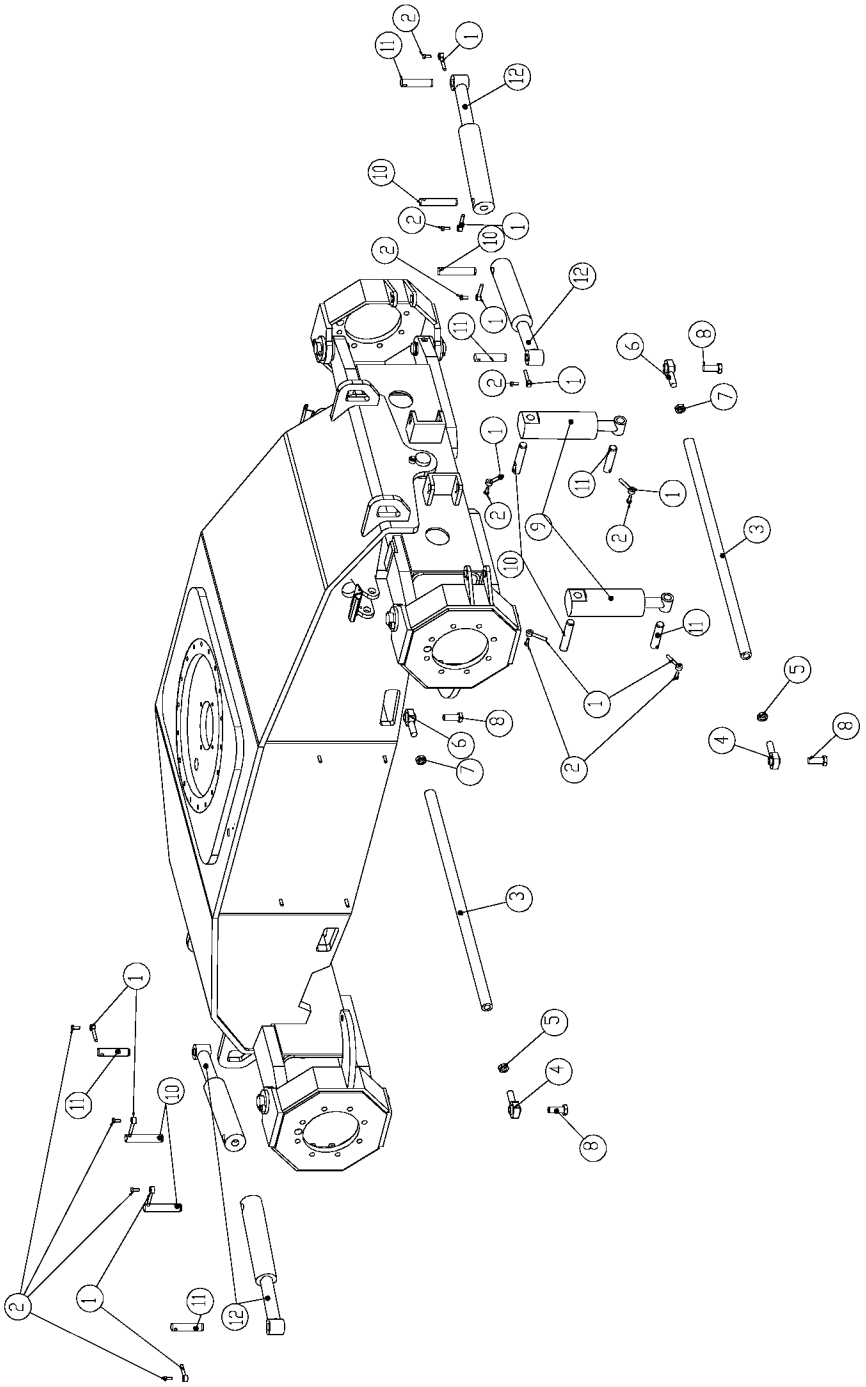
CHASSIS / DRIVE ASSEMBLY, 4 WHEEL STEER OPTION

PART NO: 13001-0090

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	13011-0090	MAIN CHASSIS COMPLETE	1	
2	43010-0009	FRONT OCSILATING AXLE	1	
3	43010-0008	LEFT FRONT / RIGHT REAR HUB	2	(From Front)
4	43010-0010	RIGHT FRONT / LEFT REAR HUB	2	(From Front)
5	44013-0081	LARGE THRUST BEARING	2	
6	44021-0689	RETAINING PIN	9	
7	11683	STEER THRUST BEARING	8	
8	44021-0695	STEER PIVOT PIN	8	
9	44002-0036	M8 x 20 HEX BOLT	9	
10	49024-0040	HOSE PROTECTION PLATE	2	
11	44019-0116	CIRCLIP	4	
12	44031-0034	BEARING BUSH	8	
13	44051-0001	M8 GREASE NIPPLE	9	
14	44021-0694	AXLE PIVOT PIN	1	
15	44031-0060	BEARING BUSH 50 x 60	2	

BASE ASSEMBLY

CHASSIS CYLINDERS, 4 WHEEL STEER OPTION

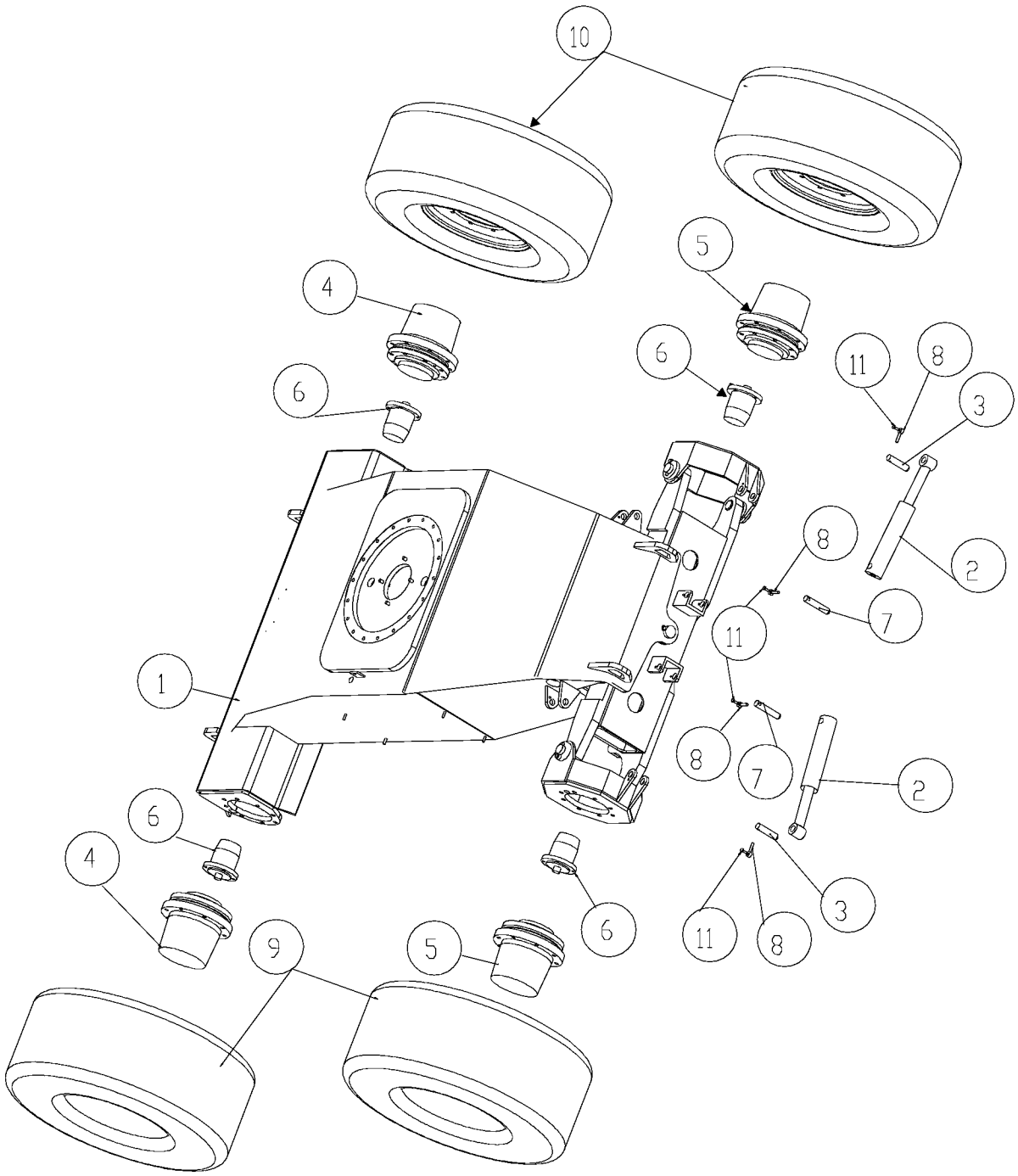


CHASSIS CYLINDERS, 4 WHEEL STEER OPTION

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	44021-0689	BUCK PIN 60mm LONG	21	
2	44002-0036	M8 x 20 HEX HEAD BOLT	21	
3	49049-0003	TRACK ROD	2	
4	44031-0066	TRACK ROD END LEFT HAND THREAD	2	
5	44012-0015	M20 HALF NUT LEFT HAND THREAD	2	
6	13170	TRACK ROD END RIGHT HAND THREAD	2	
7	11404	M20 HALF NUT RIGHT HAND THREAD	2	
8	44003-0051	M20 x 75 HEX HEAD BOLT GRADE 10.9	4	
9	21002-0149	OSCILLATING AXLE CYLINDER	2	See Page 3-23
10	44021-0697	PIN, STEER CYLINDER, INNER; OSCILLATING CYLINDER TOP	6	
11	44021-0696	PIN, STEER CYLINDER, OUTER; OSCILLATING CYLINDER BOTTOM	6	
12	21002-0160	STEERING CYLINDER	4	See Page 3-20

BASE ASSEMBLY

CHASSIS / DRIVE ASSEMBLY



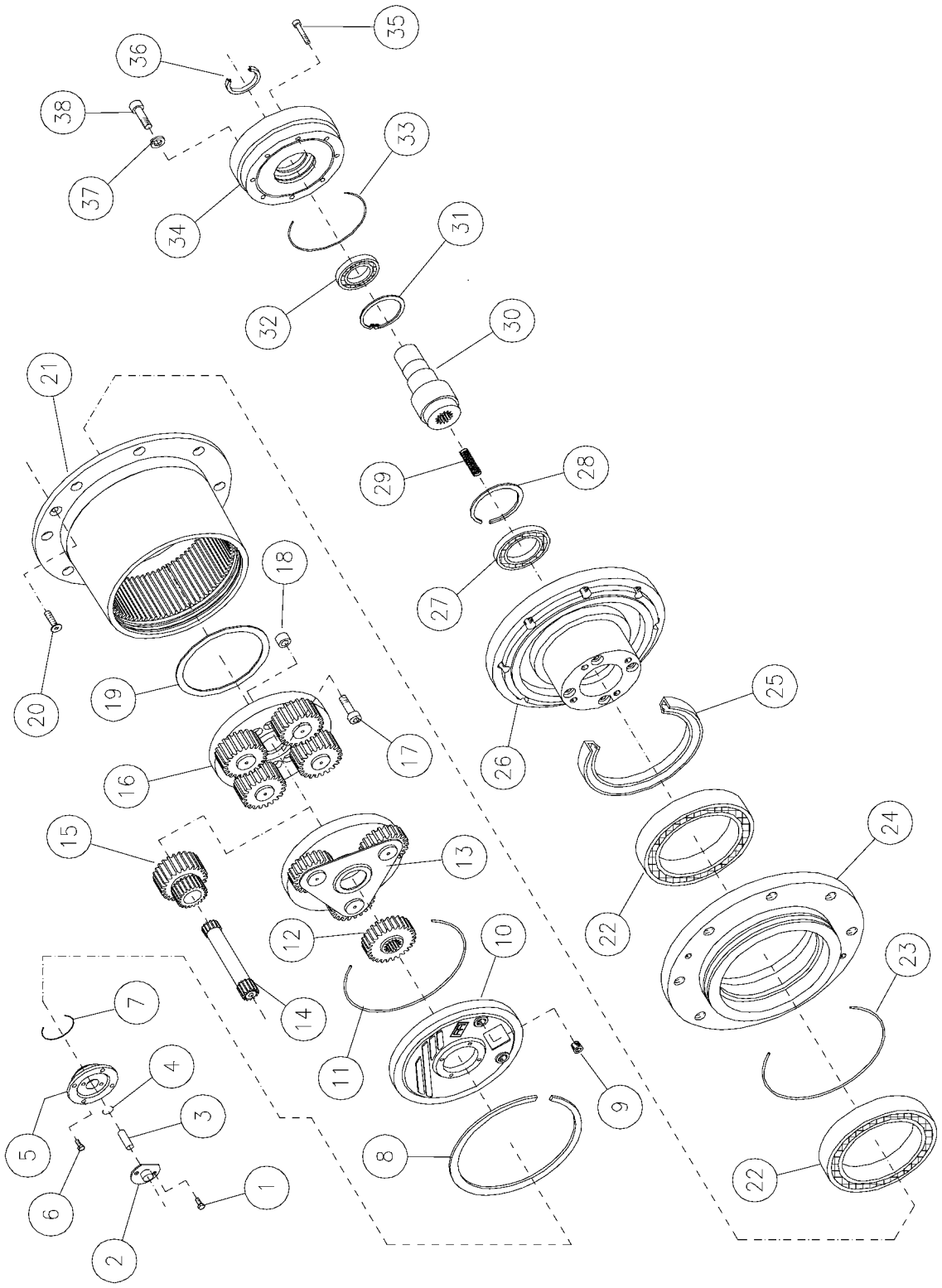
BASE ASSEMBLY

CHASSIS / DRIVE ASSEMBLY

ITEM NO	PART NO.	DESCRIPTION	QTY.	REMARKS
1	13001-0088	CHASSIS COMPLETE	1	See Page 3-1
	13001-0090	4-WHEEL STEER CHASSIS	1	4-Wheel Steer Option, See Page 3-5
2	21002-0138	STEER CYLINDER	2	Standard - See Page 3-14
	21002-0160	STEER CYLINDER	4	4-Wheel Steer Option, See Page 3-5
3	44021-0696	PIN LOWER OSCILLATING CYLINDER / STEER	2	Standard
		PIN LOWER OSCILLATING CYLINDER / STEER	4	4-Wheel Steer Option, See Page 3-5
4	44023-0371	HUB DRIVE GEARBOX (BRAKED)	2	See Page 3-11
5	44023-0372	HUB DRIVE GEARBOX	2	See Page 3-9
	44002-0340	M16 x 50 HEX HEAD	32	
	44013-0010	M16 WASHER	32	
	44013-0047	M16 SPRING WASHER	32	
6	41018-0025	HYDRAULIC DRIVE MOTOR	4	
	41034-0159	SEAL KIT	1	
	44002-0049	M10 x 40 HEX HEAD BOLT	16	
	44013-0008	M10 WASHER	16	
	44013-0023	M10 SPRING WASHER	16	
7	44021-0697	PIN UPPER OSCILLATING CYLINDER / STEER	2	Standard
		PIN UPPER OSCILLATING CYLINDER / STEER	4	4-Wheel Steer Option, See Page 3-5
8	44021-0673	RETAINING (BUCK) PIN	8	Standard
		RETAINING (BUCK) PIN	12	4-Wheel Steer Option, See Page 3-5
9	44022-0427	WHEELS-TYRES RIGHT SIDE	2	
10	44022-0428	WHEELS-TYRES LEFT SIDE	2	
	44008-0011	M16 x 1.5 PITCH WHEEL NUT	32	
11	44002-0036	M8 x 20 HEX HEAD BOLT	8	

BASE ASSEMBLY

FRONT DRIVE HUB - P/N: 44023-0372



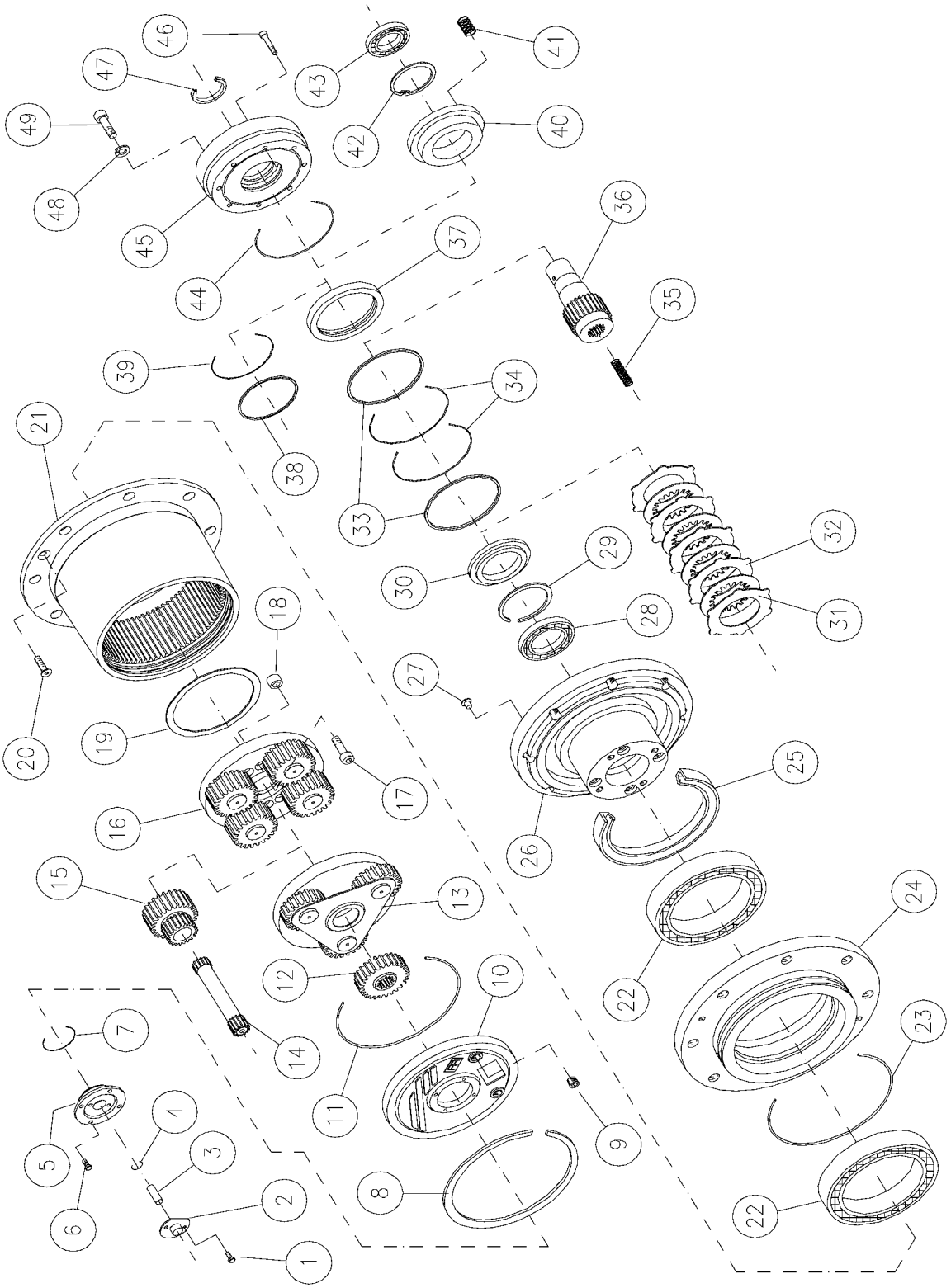
BASE ASSEMBLY

FRONT DRIVE HUB - P/N: 44023-0372

ITEM NO	PART NO.	DESCRIPTION	QTY.	REMARKS
1	C032007	SCREW	2	
2	F093822000	COVER	1	
3	C090064	CYLINDRICAL PIN	1	
4	C140024	O-RING	1	
5	F095930200	DISENGAGEMENT COVER	1	
6	C032007	SCREW	4	
7	C140043	O-RING	1	
8	C088043	O-RING	1	
9	C175001	STEEL PLUG	2	
10	F404130300	CLOSING COVER	1	
11	C140206	O-RING	1	
12	F175733500	PINION	1	R=1:3.7
13	P3760	REDUCTION	1	R=1:3.7
14	F175723500	COUPLING	1	
15	F175693500	PINION R=1:4	1	
16	P3765	REDUCTION R=1:4	1	
17	C030061	SCREW	8	
18	C022003	BUSHING	4	
19	F095952000	SHIMMING	3	
20	C034031	SCREW	2	
21	F404775501	HUB SUPPORT	1	
22	C016023	BEARING	2	
23	C140073	O-RING	1	
24	F404081100	BEARING SUPPORT	1	
25	C127017	OIL SEAL	1	
26	F404104001	STUB AXLE	1	
27	C010022	BEARING	1	
28	C088035	RING	1	
29	F140206600	DISENGAGEMENT SPRING	1	
30	F023673500	INPUT SHAFT	1	
31	C080062	SEEGER	1	
32	C010035	BEARING	1	
33	C140022	O-RING	1	
34	F268060200	CLOSING COVER	1	
35	C030033	SCREW	8	
36	C122001	OIL SEAL	1	
37	C060060	SPRING WASHER	4	
38	C030062	SCREW	4	

BASE ASSEMBLY

REAR DRIVE HUB BRAKED - P/N: 44023-0371



BASE ASSEMBLY

REAR DRIVE HUB BRAKED - P/N: 44023-0371

ITEM NO	PART NO.	DESCRIPTION	QTY.	REMARKS
1	C032007	SCREW	2	
2	F093822000	COVER	1	
3	C090064	CYLINDRICAL PIN	1	
4	C140024	O-RING	1	
5	F095930200	DISENGAGEMENT COVER	1	
6	C032007	SCREW	4	
7	C140043	O-RING	1	
8	C088043	RING	1	
9	C175001	STEEL PLUG	2	
10	F404130300	CLOSING COVER	1	
11	C140206	O-RING	1	
12	F175733500	PINION R=1:3.7	1	
13	P3760	REDUCTION R=1:3.7	1	
14	F175723500	COUPLING	1	
15	175693500	PINION R=1:4	1	
16	P3765	REDUCTION R=1:4	1	
17	C030061	SCREW	8	
18	C022003	BUSHING	4	
19	F095952000	SHIMMING	3	
20	C034031	SCREW	2	
21	F404775501	HUB SUPPORT	1	
22	C016023	BEARING	2	
23	C140073	O-RING	1	
24	F404081100	BEARING SUPPORT	1	
25	C127017	OIL SEAL	1	
26	F404784001	STUB AXLE	1	
27	C169001	PLASTIC PLUG	1	
28	C010022	BEARING	1	
29	C088035	RING	1	
30	F201312000	SHIMMING R=1:13.80	1	
31	C165020	AIRON DISK R=1:13.8	7	
32	C165020	SINTERED DISK R=1:13.8	6	
33	C165020	PARBAK	2	
34	C142156	O-RING	2	
35	F140206600	DISENGAGEMENT SPRING	1	
36	F023673500	INPUT SHAFT	1	
37	F094411400	SPACER	1	
38	C165024	PARBAK	1	
39	C142238	O-RING	1	
40	F180383000	BRAKE PISTON	1	

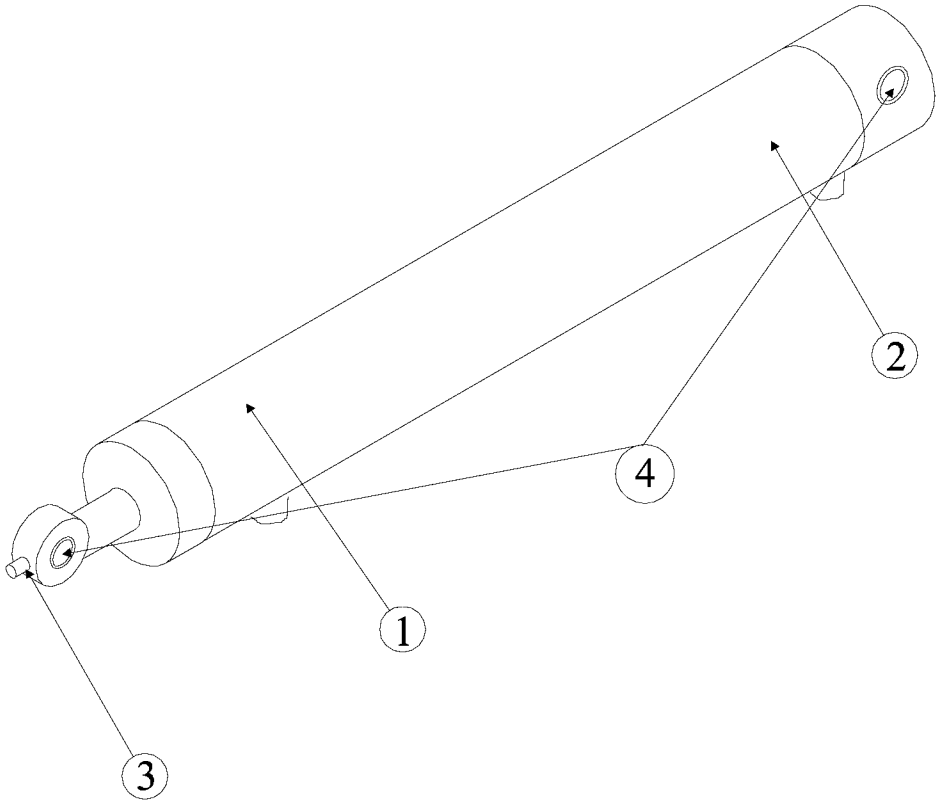
BASE ASSEMBLY

REAR DRIVE HUB BRAKED - P/N: 44023-0371

ITEM NO	PART NO.	DESCRIPTION	QTY.	REMARKS
41	F140226600	SPRING FOR BRAKE	6	
42	C080062	SEEGER	1	
43	C010035	BEARING	1	
44	C140022	O-RING	1	
45	F268060200	CLOSING COVER	1	
46	C030033	SCREW	8	
47	C122001	OIL SEAL	1	
48	C060060	SPRING WASHER	4	
49	C030062	SCREW	4	

BASE ASSEMBLY

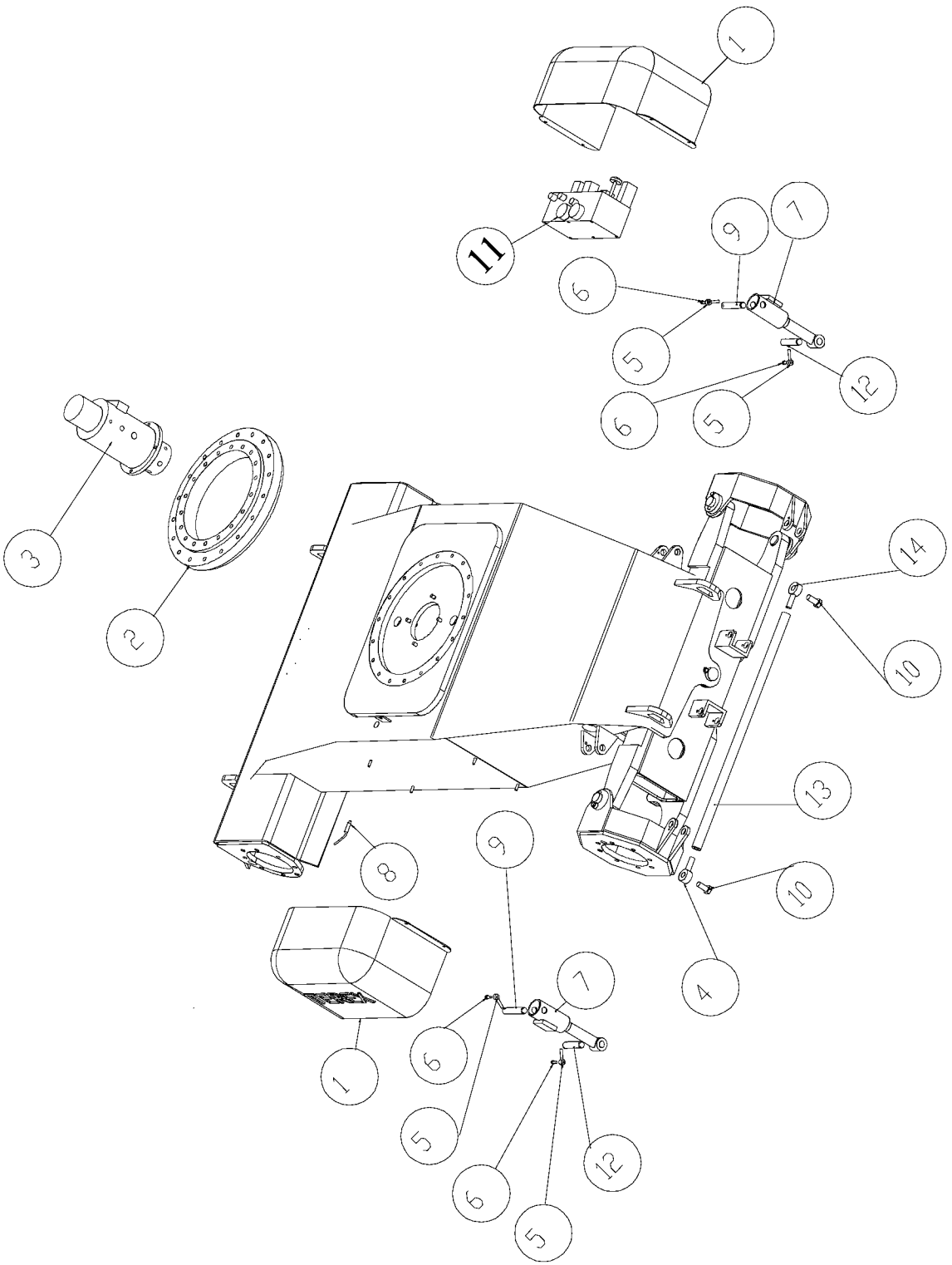
STEER CYLINDER - P/N: 21002-0138



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0138	STEER CYLINDER	1	
2	41034-0158	SEAL KIT	1	
3	44029-0022	GREASE NIPPLE	2	
4	44031-0028	BUSHING 25 x 25	4	

BASE ASSEMBLY

CHASSIS / PERIPHERAL ASSEMBLY



BASE ASSEMBLY

CHASSIS / PERIPHERAL ASSEMBLY

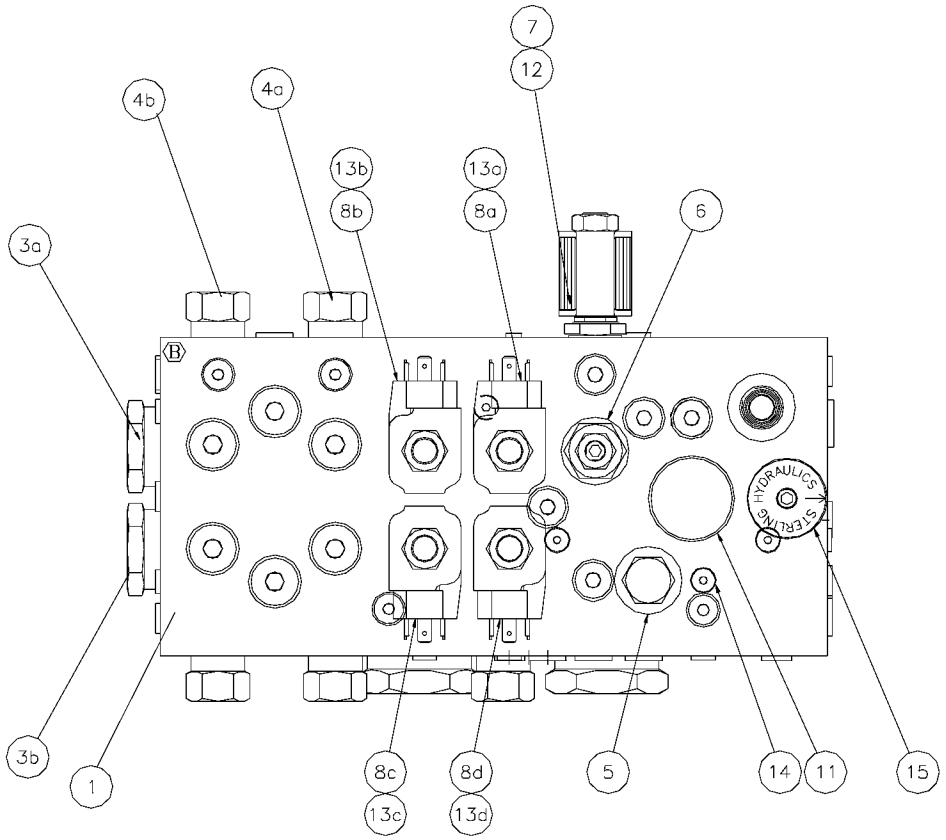
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	13030-0100	CHASSIS COVER	2	
	44033-0036	HANDWHEEL	2	
2	13121	SLEW RING	1	
	44003-0024	M14 x 80 HEX HEAD BOLT 10.9	18	
	44003-0025	M14 x 90 HEX HEAD BOLT 10.9	18	
3	41043-0007	HYDRAULIC AND ELECTRICAL SWIVEL	1	See Page 3-24
	44002-0075	M12 x 40 HEX HEAD BOLT	4	
	44013-0009	M12 WASHER	4	
	44013-0024	M12 SPRING WASHER	4	
4	13170	TRACK ROD END RH	1	Standard
		TRACK ROD END RH	2	4-Wheel Steer Option, See Page 3-5
	11404	M20 x 1.5 PITCH HALF NUT RH	1	Standard
		M20 x 1.5 PITCH HALF NUT RH	2	4-Wheel Steer Option, See Page 3-5
5	44021-0673	RETAINING (BUCK) PIN	4	
6	44002-0036	M8 x 20 HEX HEAD BOLT	4	
7	21002-0129	OSCILLATING CYLINDER	2	Up to S/No: 16595 - See Pg: 3-22
	21002-0149	OSCILLATING CYLINDER	2	From S/No: 16596 - See Pg: 3-23
	49024-0040	OSCILLATING CYLINDER PROTECTION PLATE	2	
8	42002-0293	LEVER FOR SMARTDRIVE SWITCH	1	
	42002-0399	SMARTDRIVE SWITCH	1	
9	44021-0697	PIN UPPER OSCILLATING CYLINDER	2	
10	44003-0036	M20 x 45 HEX HEAD SCREW	2	
11	41029-0037	HYDRAULIC TRANSMISSION MANIFOLD	1	Standard - See Page 3-17
	41029-0041	4-WHEEL STEER MANIFOLD	1	Option - See Page 3-19
	44002-0049	M10 x 40 HEX HEAD BOLT	6	
	44013-0008	M10 WASHER	6	
	44013-0023	M10 SPRING WASHER	6	
12	44021-0696	PIN LOWER OSCILLATING CYLINDER	2	
13	49049-0003	TRACK ROD	1	Standard
		TRACK ROD	2	4-Wheel Steer Option, See Page 3-5
14	44031-0066	TRACK ROD END LH	1	Standard
		TRACK ROD END LH	2	4-Wheel Steer Option, See Page 3-5
	44012-0015	M20 x 1.5 PITCH HALF NUT LH	1	Standard
		M20 x 1.5 PITCH HALF NUT LH	2	4-Wheel Steer Option, See Page 3-5
	42012-0126	CHASSIS / SWIVEL HARNESS	1	

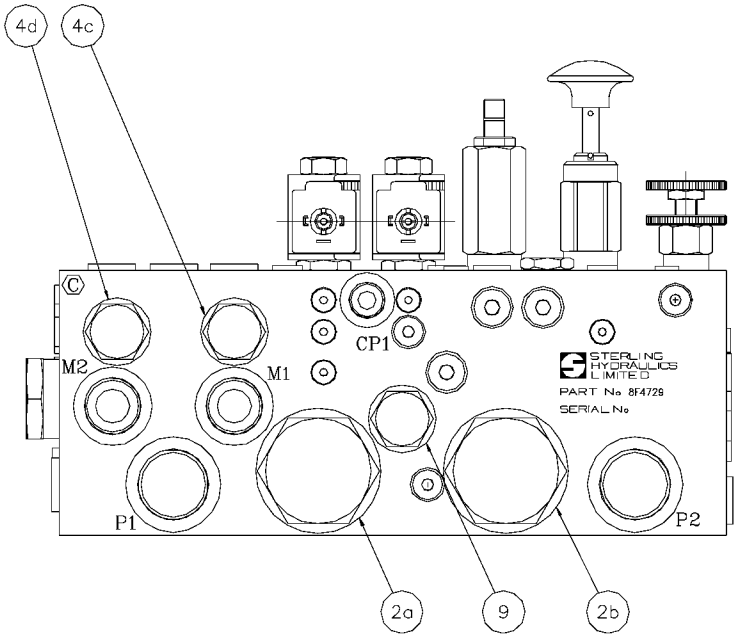
BASE ASSEMBLY

TRANSMISSION MANIFOLD - P/No: 41029-0037

For machines with Oscillating Axle Fix (F005387) and From Serial No: 16776

Also See Page 3-15





BASE ASSEMBLY

TRANSMISSION MANIFOLD - P/No: 41029-0037

For machines with Oscillating Axle Fix (F005387) and From Serial No: 16776

Also See Page 3-15

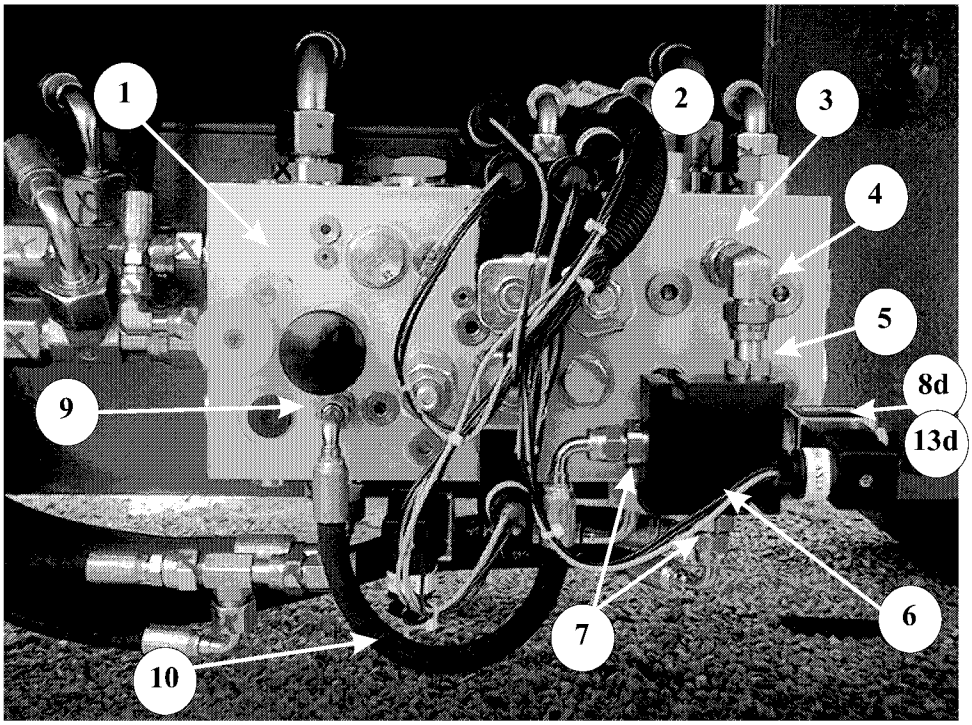
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41029-0043	BLOCK M/C	1	
2	41022-0064	DIVERTER VALVE	2	160 Nm
3	41008-0008	FLOW DIVIDER / COMBINER	2	100 Nm
4	41022-0065	DIVERTER VALVE	4	50 Nm
5	41009-0040	CHECK VALVE	1	50 Nm
6	41006-0055	RELIEF VALVE	1	50 Nm
7	41003-0121	SOLENOID VALVE	1	68 Nm
8	41003-0122	SOLENOID VALVE	4	27 Nm
9	41022-0066	SHUTTLE VALVE	1	50 Nm
11	41017-0053	HAND PUMP	1	34 Nm MAX
12	42015-0150	SOLENOID COIL	1	4.1 Nm
13	42015-0151	SOLENOID COIL	4	4.1 Nm
14	8H38529 / 59	ORIFICE PLUG (M6 x ∅ 2.0)	1	
15	41007-0022	RESTRICTOR VALVE	1	40 Nm
16	8H38529 / 47	ORIFICE PLUG (M6 x ∅ 0.5)	1	

BASE ASSEMBLY

TRANSMISSION MANIFOLD - P/N: 41029-0037

For machines with Oscillating Axle Fix (F005387) and From Serial No: 16776

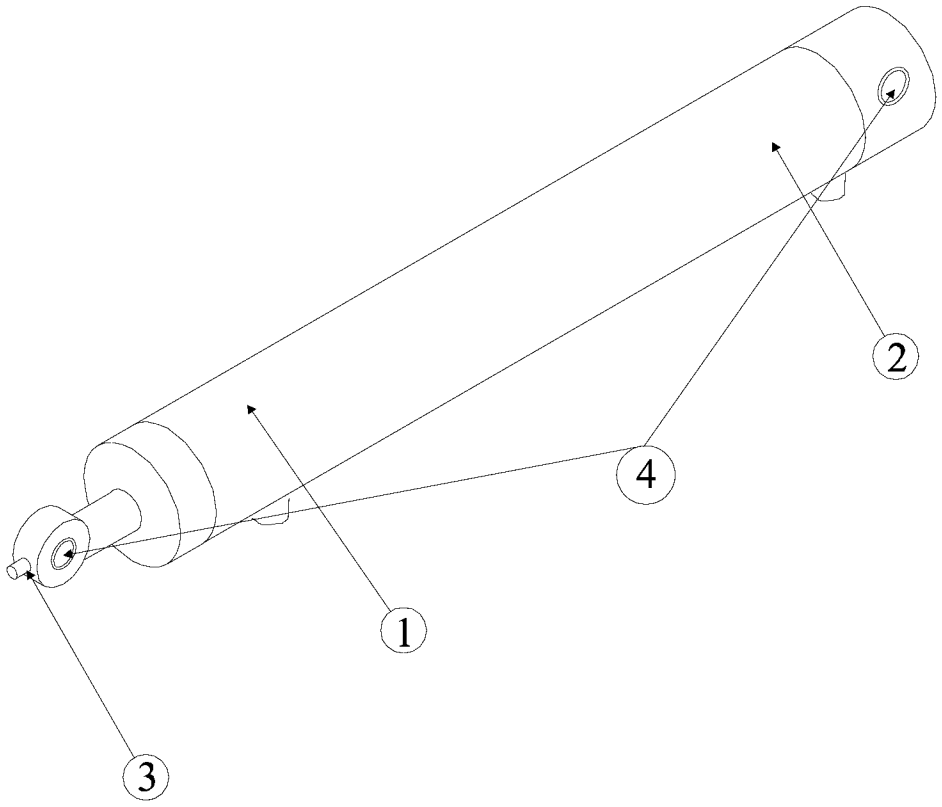
Additional parts to those shown on pages 3-13 and 3-14



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41029-0037	TRANSMISSION MANIFOLD	1	
	41029-0041	4-WHEEL STEER MANIFOLD	1	Option
2	41013-0033	CAVITY PLUG	1	
3	31013-0443	6 O-LOK TO ¾ UNF MM	1	
4	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	1	
5	31013-0404	SIZE 6 O-LOK SWIVEL F x 3/8 M	1	
6	41013-0034	LINE BODY	1	
7	31013-0191	SIZE 4 O-LOK M x 3/8 BSP M	2	
8d	41003-0122	SOLENOID VALVE	1	
9	31013-0368	SIZE 4 O-LOK TO 9/16 UNF MM	1	
10	41010-1013	SHORT HOSE SIZE 4	1	
13d	42015-0151	SOLENOID COIL	1	

BASE ASSEMBLY

STEER CYLINDER, 4 WHEEL STEER OPTION - P/N: 21002-0160

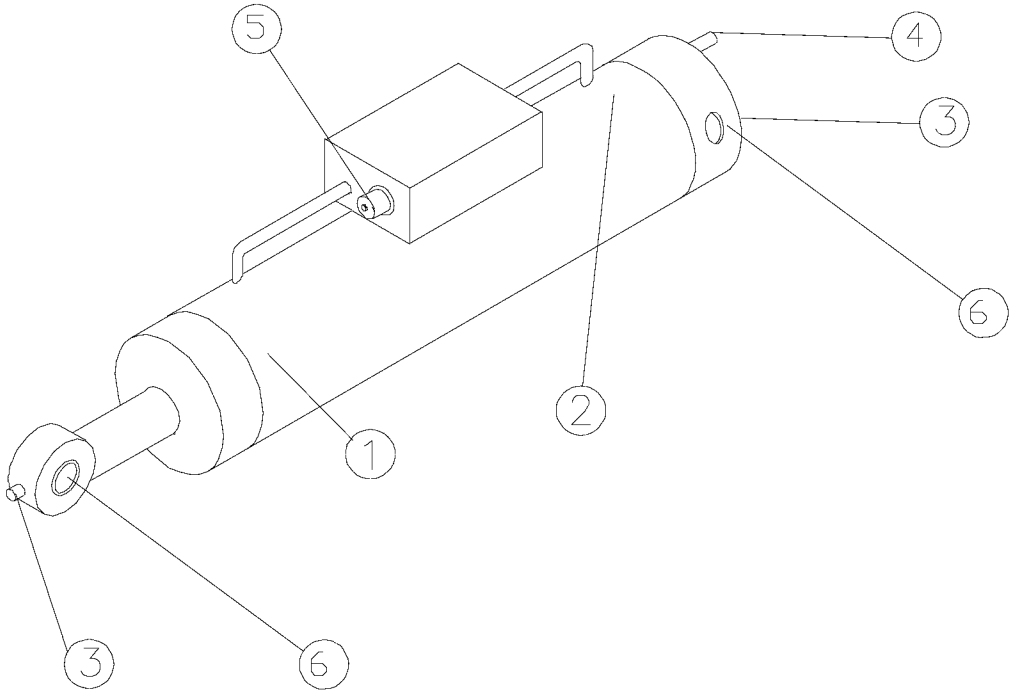


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0138	STEER CYLINDER	1	
2	41034-0173	SEAL KIT	1	
3	44029-0022	GREASE NIPPLE	2	
4	44031-0028	BUSHING 25 x 25	4	

BASE ASSEMBLY

OSCILLATING CYLINDER - P/N: 21002-0129

Up To Serial No: 16712

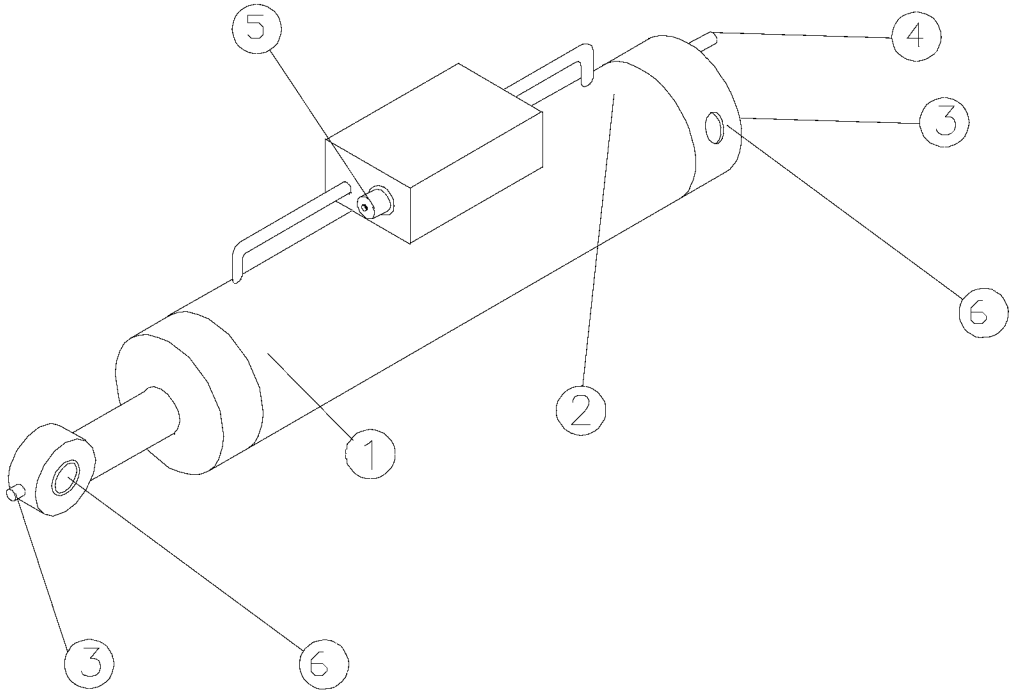


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0129	OSCILLATING CYLINDER	1	Up To Serial No: 16712
2	41034-0154	SEAL KIT	1	
3	44029-0022	GREASE NIPPLES	2	
4	44029-0204	BLEED VALVE	1	
5	41009-0041	CHECK VALVE	1	
6	44031-0058	BUSHINGS 25 x 20	4	

BASE ASSEMBLY

OSCILLATING CYLINDER - P/N: 21002-0149

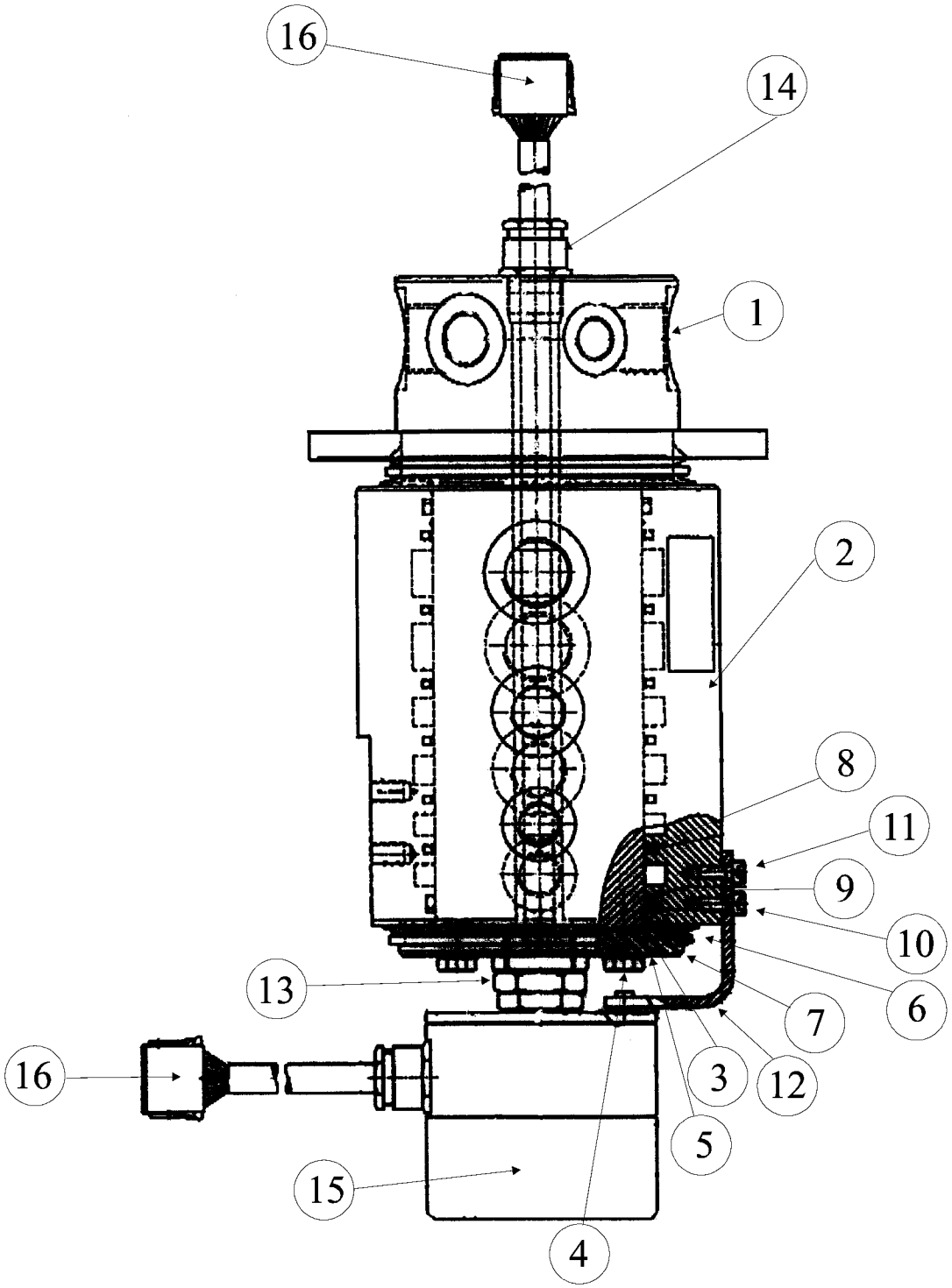
From Serial No: 16712



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0149	OSCILLATING CYLINDER	1	From Serial No: 16712
2	41034-0160	SEAL KIT	1	
3	44029-0022	GREASE NIPPLES	2	
4	44029-0204	BLEED VALVE	1	
5	41009-0041	CHECK VALVE	1	
6	44031-0058	BUSHINGS 25 x 20	4	

BASE ASSEMBLY

HYDRAULIC SWIVEL - P/No: 41032-0017



BASE ASSEMBLY

HYDRAULIC SWIVEL - P/No: 41032-0017

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41037-0012	FIXED BODY	1	
2	41037-0013	SWIVEL BODY	1	
3	41037-0014	TOP PLATE	1	
4	44002-0063	M10 x 25 HEX HEAD SCREW	4	
5	41015-0102	SEALING WASHER	4	
6	41015-0100	SEAL	2	
7	41015-0101	SEALING RING	2	
8	41014-0004	SEALING WASHER	6	
9	41015-0098	O'RING SEAL	2	
10	41015-0099	SEALING RING	2	
11	44002-0013	M6 x 16 HEX HEAD SCREW	2	
12	44029-0203	ANTI-ROTATION BRACKET	1	
13	42013-0452	CABLE GLAND TOP	1	
14	42016-0451	CABLE GLAND BASE	1	
15	42004-0006	SLIP RING ASSY C/W COVER	1	
16	42009-0074	CONNECTOR AND WIRE	2	

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SECTION 4

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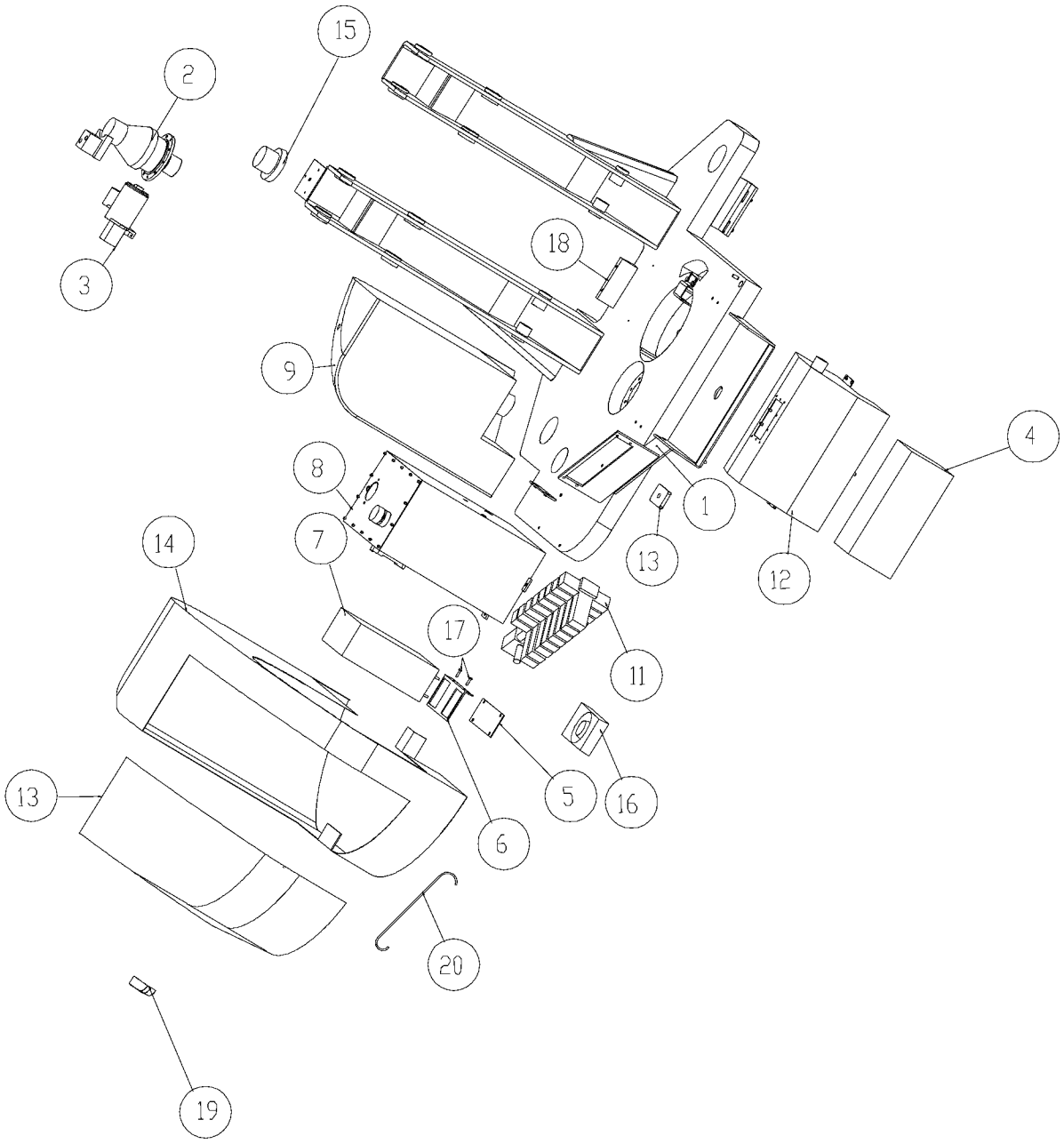
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TURRET ASSEMBLY

LHS PLINTH ASSEMBLY

For RHS Plinth Assembly - See Page 4-29



TURRET ASSEMBLY

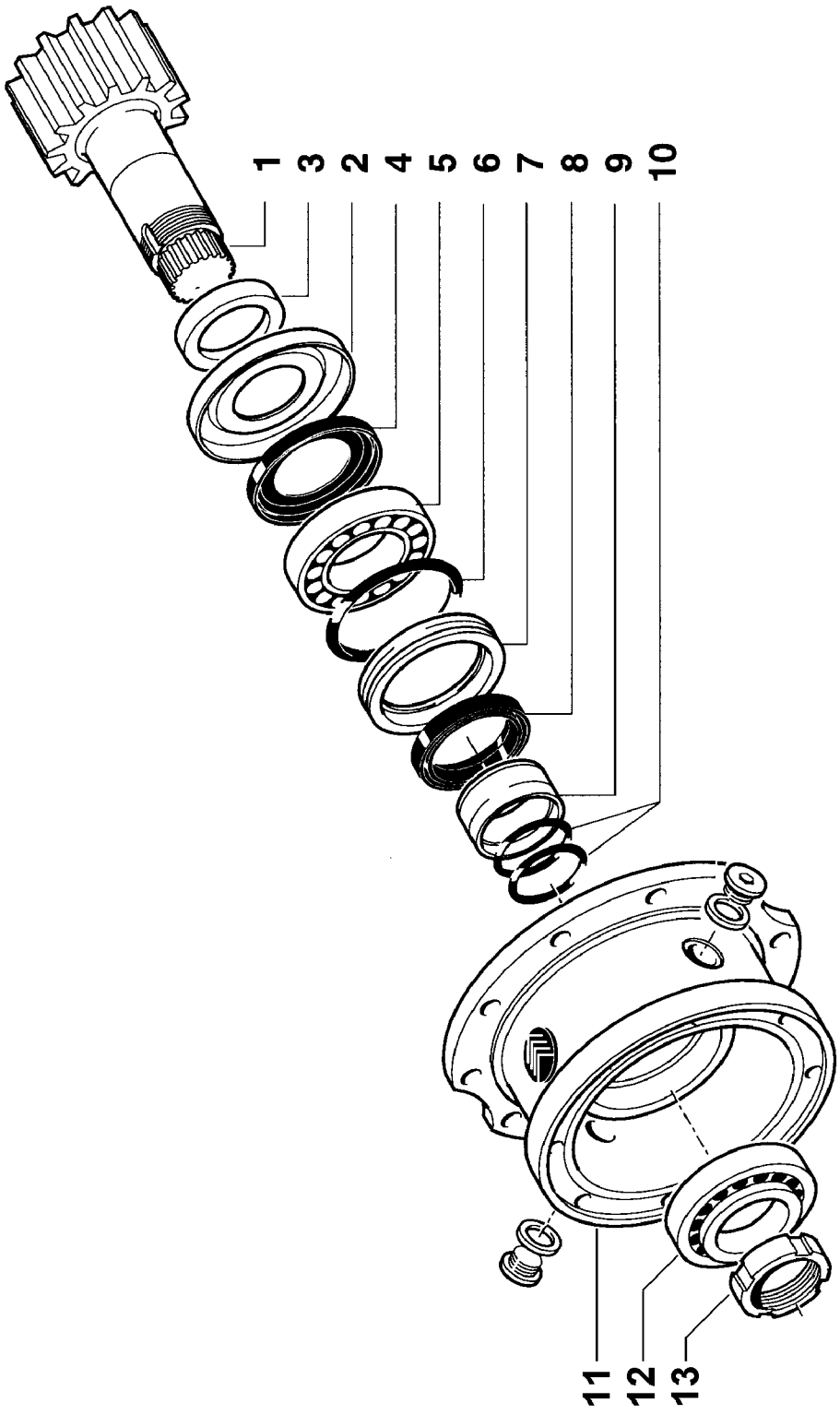
LHS PLINTH ASSEMBLY

For RHS Plinth Assembly - See Page 4-29

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	13011-0104	PLINTH	1	
2	41018-0024	SLEW GEARBOX ASSY	1	See Page 4-3 to 4-12
3	41001-0003	EMERGENCY PUMP	1	See Page 4-17
4	42006-0034	12V BATTERY	1	
	42006-0035	BATTERY BOX	1	
5	49004-0478	LOWER CONTROL BOX CLAMP PLATE	1	
6	49005-1680	LOWER CONTROL BOX MOUNTING PLATE	1	
7	42020-0036	LOWER CONTROL BOX	1	Up To Serial No: 16366, See Page 4-20
	42020-0049	LOWER CONTROL BOX	1	From S/No: 16367 Up To S/No: 17167 See Page 4-21
	42020-0038	LOWER CONTROL BOX (DANFOSS)	1	From Serial No: 17168, See Page 4-18
8	23032-0010	HYDRAULIC TANK	1	Up To Serial No: 16519
	23032-0013	HYDRAULIC TANK	1	From Serial No: 16520
9	14029-0009	BALLAST LEFT HAND SIDE	1	
10	49019-0015	BALLAST CLAMP PLATE	1	
11	41029-0039	HYDRAULIC VALVE BLOCK	1	Up to Serial No: 17167, See Page 4-25
	41029-0052	HYDRAULIC VALVE BLOCK (DANFOSS)	1	From Serial No: 17168, See Page 4-27
12	13019-0004	DIESEL TANK	1	
	49003-1617	TOP PLATE	1	
	44032-0379	GASKET	1	
	44002-0354	M6 x 16 SOCKET CAP SCREW	10	
	44013-0006	M6 FLAT WASHER	10	
	44013-0025	M6 SPRING WASHER	10	
	41012-0050	2" I/D DIESEL HOSE	1	
	44019-0075	60 - 80 HOSE CLIPS	2	
	10449	FILLER / BREATHER CAP	1	
	16229	FUEL STRAINER	1	
	10124	DIESEL FUEL LEVEL GAUGE	1	
	10125	PETROL FUEL LEVEL GAUGE	1	Bi Fuel Option
	42025-0002	ELECTRIC FUEL SENDER	1	
13	43020-0041	CONTROL SIDE MAIN COVER OPENING	1	Steel
14	13030-0099	CONTROL SIDE MAIN COVER COMPLETE	1	Glass Fibre, Up To Serial No: 16595
	13020-0113	CONTROL SIDE MAIN COVER COMPLETE	1	Steel, From Serial No: 16596
15	11460	BEACON	1	
16	16144	SIREN	1	
17	44002-0036	M8 x 20 HEX HEAD BOLT	2	
18	44029-0193	POST REST PAD	1	
19	44029-0202	PADDLE LATCH	1	Steel Cover
20	49041-0068	STAY	1	Steel Cover
	42012-0125	PLINTH ELECTRICAL HARNESS	1	Up To Serial No: 17167
	42012-0423	PLINTH ELECTRICAL HARNESS	1	From Serial No: 17168
	42012-0424	BOOM HARNESS	1	Up To Serial No: 17167
	42012-0434	BOOM HARNESS	1	From Serial No: 17168

TURRET ASSEMBLY

HYDRAULIC MOTOR - SLEW GEARBOX



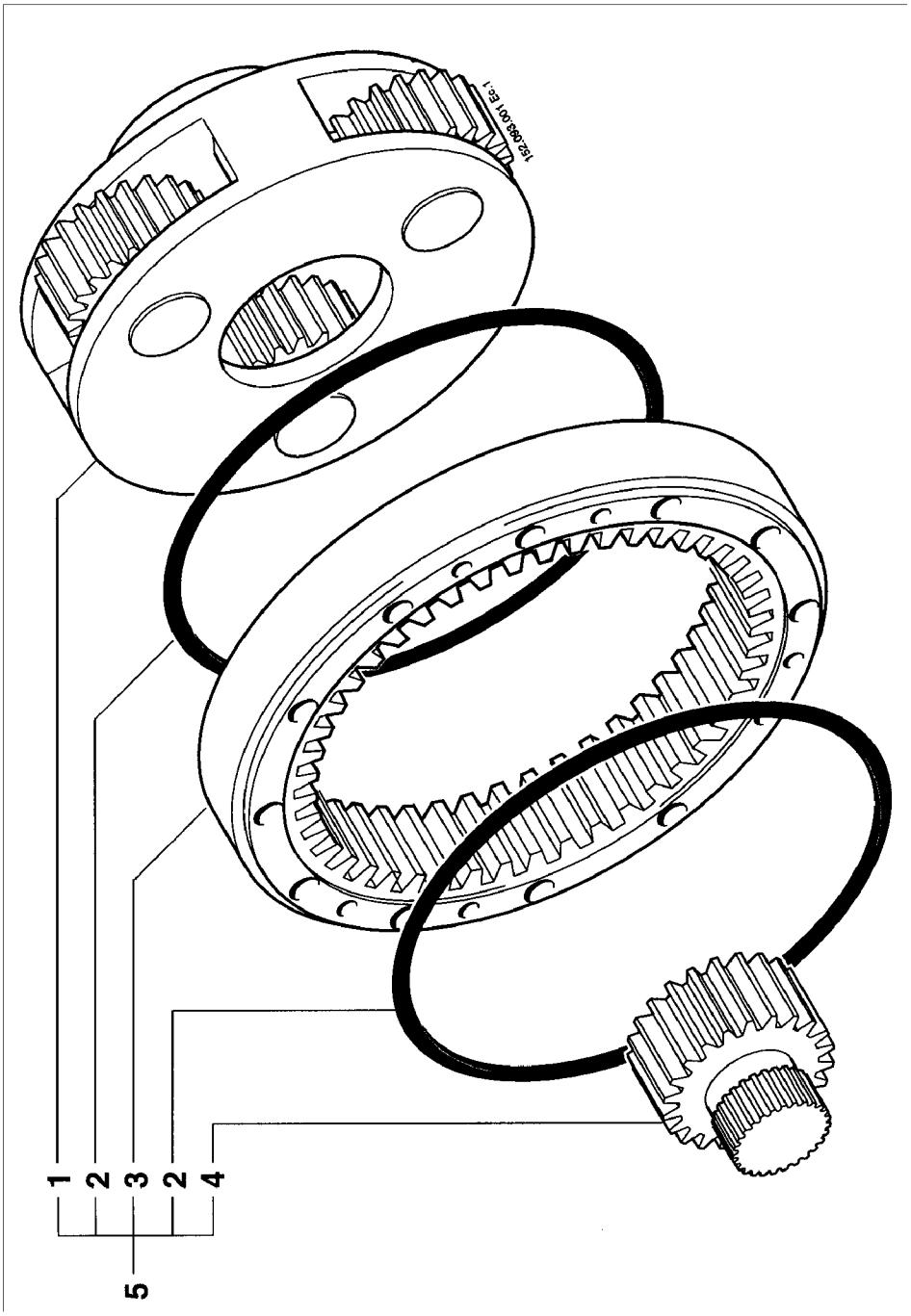
TURRET ASSEMBLY

HYDRAULIC MOTOR - SLEW GEARBOX

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	6630030500	PINION SHAFT	1	M4, 5 z16
2	6656000560	CAP NUT	1	
3	6662002960	SPACER	1	
4	712710049	NILOS RING	1	32209 AV
5	712758079	BEARING	1	32209
6	715303250	O-RING	1	2,62x75,87
7	6660501310	CENTERING RING	1	
8	710310008	SEAL RING	1	55x70x8 BABSL
9	6662002950	SPACER	1	
10	715303313	O-RING	2	2,62x44,12
11	6650002473	GEARBOX HOUSING	1	
12	712758032	BEARING	1	30209
13	714500010A	NUT	1	M45x1,5

TURRET ASSEMBLY

HYDRAULIC MOTOR - SLEW GEARBOX



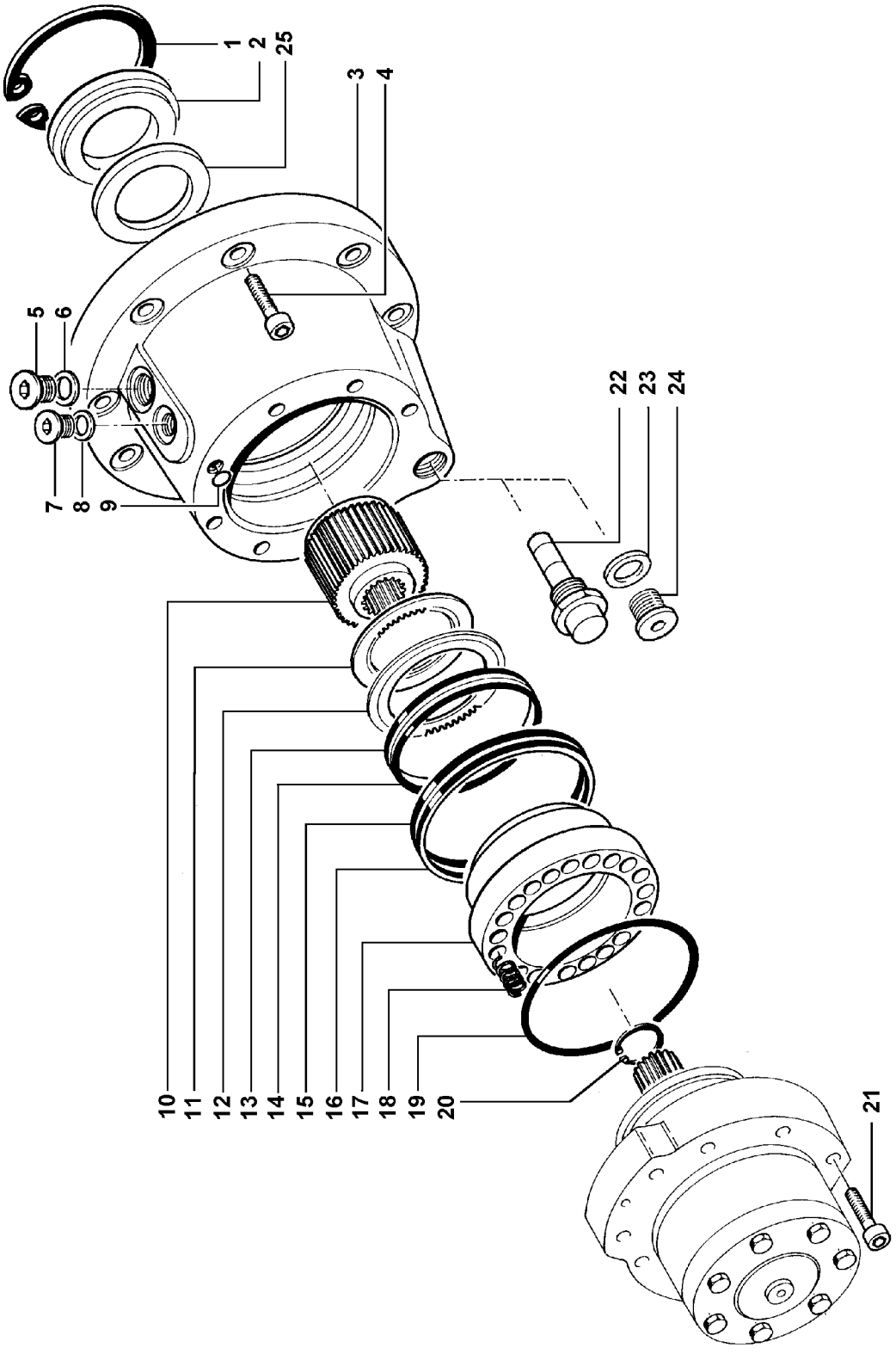
TURRET ASSEMBLY

HYDRAULIC MOTOR - SLEW GEARBOX

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	2T235331030	REDUCTION ASSEMBLY	1	1:5,77
2	715303245A	O-RING	2	2,62 x145,72
3	6641000041	TOOTHED RING	1	z62 h28
4	6643000060	SUN GEAR	1	Z13 1:5,77
5	2T235631030	REDUCTION STAGE	1	1:5,77

TURRET ASSEMBLY

HYDRAULIC MOTOR - SLEW GEARBOX



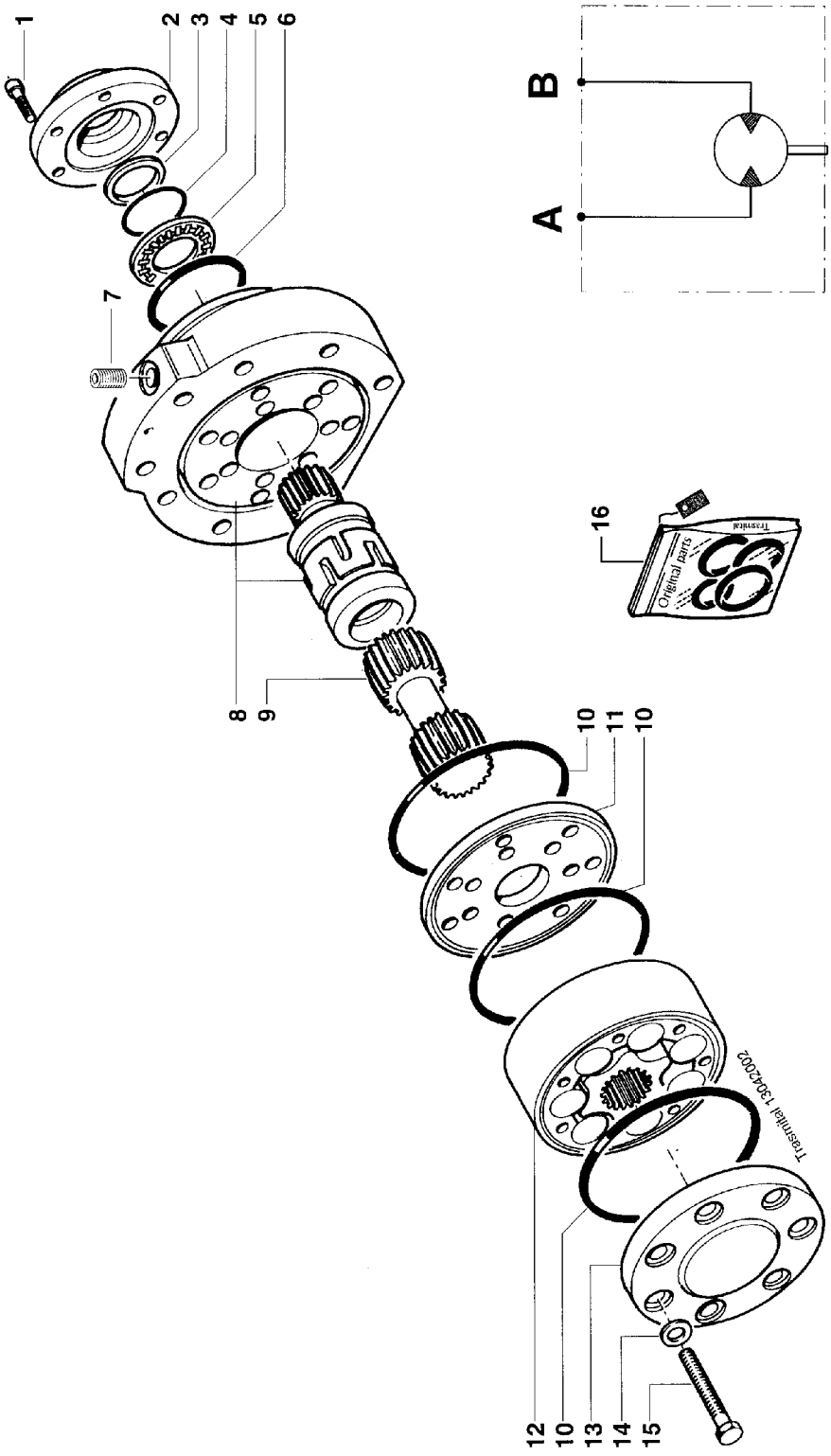
TURRET ASSEMBLY

HYDRAULIC MOTOR - SLEW GEARBOX

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	718299068A	CIRCLIP	1	UNI 7437-80
2	6660300580	SPACER	1	
3	6652500690	HOUSING BRAKE	1	
4	720954009A	SCREW	8	UNI 5931 M10x45-8.8 300L1
	720954018A	SCREW	8	UNI 5931 M10x100-8.8 300L2
	720954012A	SCREW	8	UNI 5931 M10x60-8.8 301L1
	720954019A	SCREW	8	UNI 5931 M10x110-8.8 301L2
	720954009A	SCREW	8	UNI 5931 M10x45-8.8 303L2
	720954011A	SCREW	8	UNI 5931 M10x55-8.8 305L2
	720954009A	SCREW	8	UNI 5931 M10x45-8.8 306L3
	720954012A	SCREW	8	UNI 5931 M10x60-8.8 307L3
	720954006A	SCREW	8	UNI 5931 M10x30-8.8 300-307R
5	722366107	PLUG	1	M18x1,5 DIN 908
6	718006009	WASHER	1	18x24x1,5 UNI 1739
7	722366105	PLUG	1	¼" DIN 908
8	718006005A	WASHER	1	13,5x18x1,5
9	715303006A	O-RING	1	1,78x6,07
10	6633020290	BRAKE SHAFT	1	
11	6680700090	STEEL RING	5	
12	6680900080	SINTERED DISC	6	
13	722369014	BACKUP RING	1	W 2,18x83,01 PK
14	715307152	O-RING	1	2,62x82,22 PK 2-152
15	715307155	O-RING	1	2,62X101,27 PK 2-155
16	722369020	BACKUP RING	1	W 2,18x102,06 PK
17	6635040080	PISTON	1	
18	6680000140	SPRING	24	
19	715303294	O-RING	1	1,78x94,97
20	718299016A	CIRCLIP	1	UNI 7437-22
21	720969004	SCREW	4	UNI 5931 M8x45-12.9
22	6682500690	BREATHER PLUG	1	M18x1,5
23	718006009	WASHER	1	18x24x1,5 UNI 1739
24	722366107	PLUG	1	M18x1,5 DIN 1908
25	6662003470	SPACER	1	

TURRET ASSEMBLY

HYDRAULIC MOTOR - SLEW GEARBOX



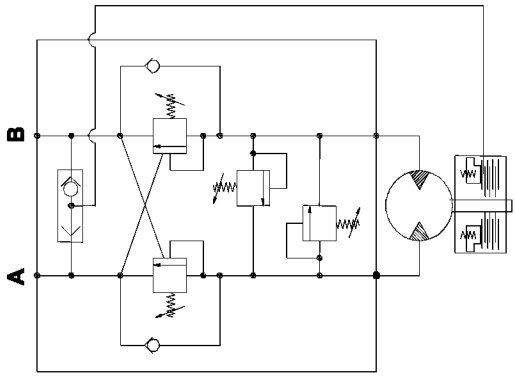
TURRET ASSEMBLY

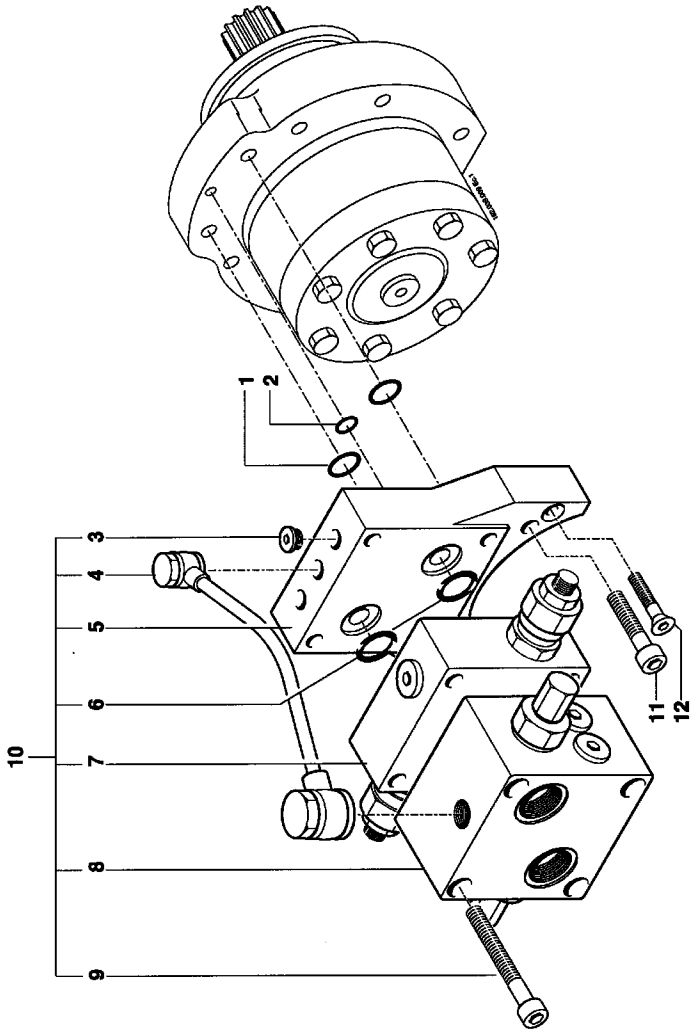
HYDRAULIC MOTOR - SLEW GEARBOX

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	6698950101	SCREW	6	UNI 5931 M6 x 12-8.8
2	6695700010	COVER	1	
3	6698938120	BACKUP RING	1	W 2, 18x25, 86 PK
4	6698921121	O-RING	1	2,62x26, 64 PK 2-121
5	6698910001	BEARING	1	AX2744
6	6698932032	O-RING	1	1,78x47, 35 PK 2-032
7	6698910101	PLUG	1	1/8" DIN 906
8	6696900021	HOUSING + SHAFT	1	
9	6693010061	CARDAN SHAFT	1	Z12 (12/24)
10	6698932043	O-RING		1,78x88, 62 PK 2-043
11	6696000010	DISTRIBUTOR PLATE	1	
12	6698980003	GE ROTOR	1	H=14,95
13	6695300020	COVER	1	
14	6698230070	WASHER	7	8,2x15x1,5
15	711354410	SCREW	7	UNI 5738 M8x1x50-10.9
16	6696960310	SEALS KIT	1	

TURRET ASSEMBLY

HYDRAULIC MOTOR - SLEW GEARBOX





TURRET ASSEMBLY

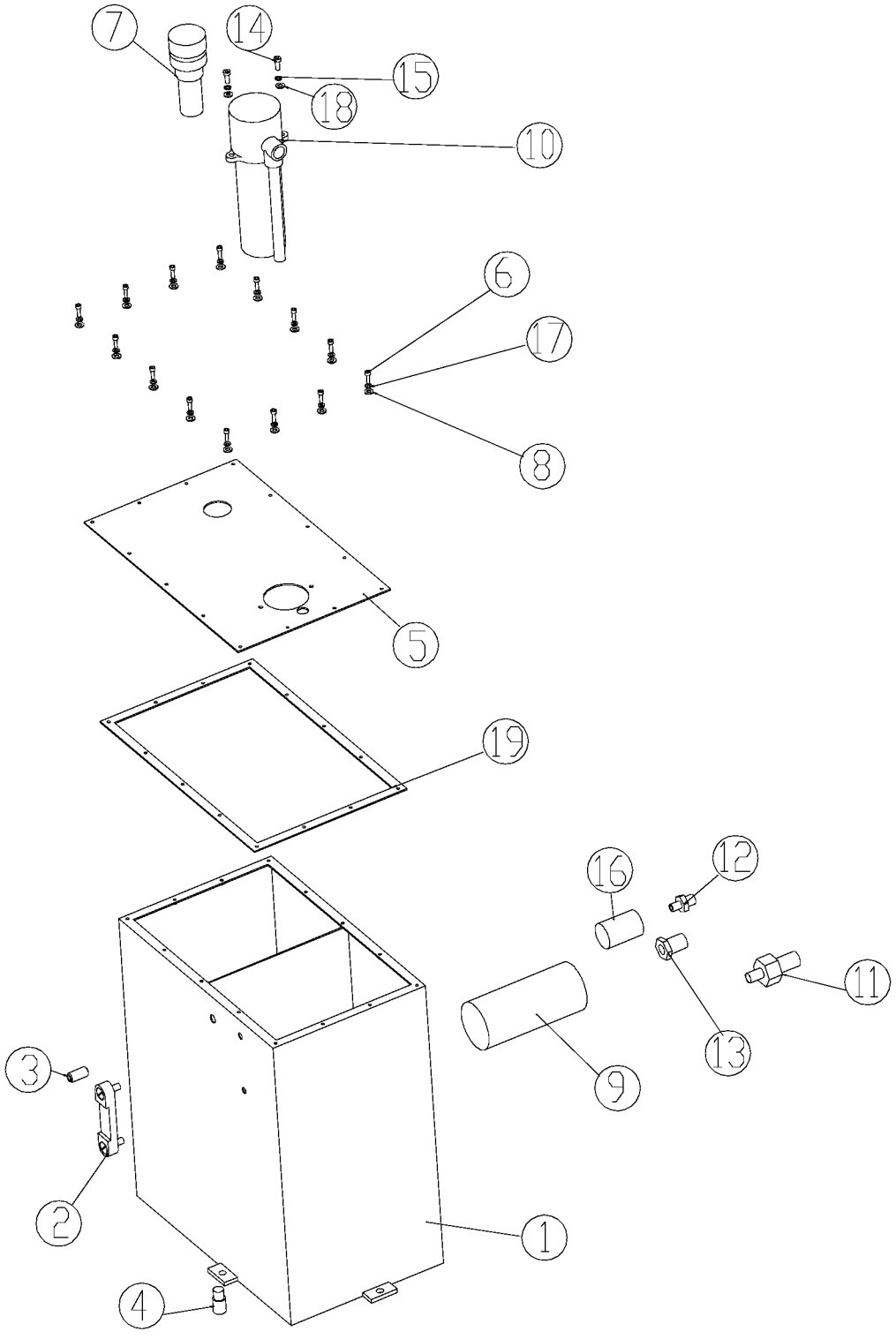
HYDRAULIC MOTOR - SLEW GEARBOX

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	6698932012	O-RING	2	1,78x9,25 PK 2-012
2	6698932008	O-RING	1	1,78x4,47 PK 2-008
3	6698910101	PLUG	2	1/8" DIN 906
4	6698250040	PIPE	1	
5	6697400061	BASE	1	
6	6698935243	O-RING	2	2,62x15,34 PK 5-243
7	6698980010	VALVE	1	
8	6698980009	VALVE	1	
9	6698950103	SCREW	4	UNI 5931 M8x90-8.8
10	2T212800010	VALVE ASSEMBLY	1	
11	720969008	SCREW	2	UNI 5931 M8x65-12.9
12	6698950001	SCREW	2	UNI 5933 M5x30-10.9

TURRET ASSEMBLY

HYDRAULIC TANK - P/No: 23032-0010

Up To Serial No: 16519



TURRET ASSEMBLY

HYDRAULIC TANK - P/No: 23032-0010

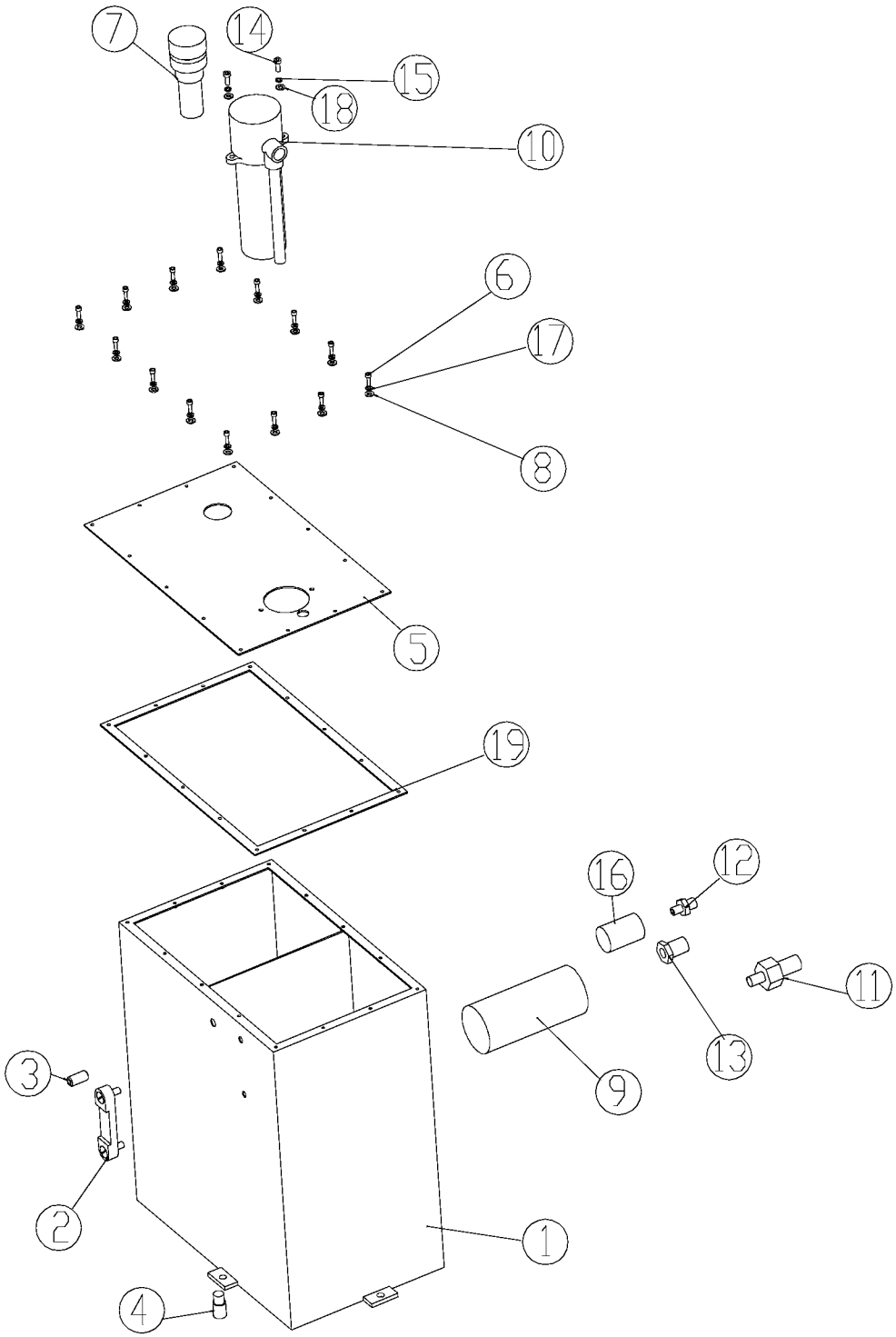
Up To Serial No: 16519

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	43033-0001	MAIN TANK WELDMENT	1	
2	12398	LEVEL / TEMP GAUGE	1	
3	41032-0011	QUICK REL. COUPLING	1	
4	31013-0139	½" BSP FEMALE BLANKING PLUG	1	
5	49000-1655	TANK TOP PLATE	1	
6	44002-0354	M6 x 16 SOCKET HEAD SCREW	14	
7	41037-0011	OIL FILLER / STRAINER ASSY.	1	
8		M6 FLAT WASHER	14	
9	41030-0059	GEAR PUMP GAUZE STRAINER	1	
10	41030-0060	SUCTION / RETURN FILTER	1	
	41030-0062	SUCTION / RETURN FILTER ELEMENT	1	
11	31013-0208	SIZE 12 O-LOK FITTING	1	Part of main tank weldment
12	31013-0342	SIZE 8 O-LOK FITTING	1	Part of main tank weldment
13	31013-0419	SIZE 20 O-LOK FITTING	1	Part of main tank weldment
14	44004-0081	M8 x 20 SOCKET CAP SCREW	2	
15	44013-0007	M8 SPRING WASHER	2	
16	41030-0061	EMERGENCY PUMP GAUZE STRAINER	1	
17	44013-0006	M6 SPRING WASHER	14	
18	44013-0022	M8 FLAT WASHER	2	
19	44053-0002	TOP PLATE GASKET	1	

TURRET ASSEMBLY

HYDRAULIC TANK - P/No: 23032-0013

From Serial No: 16520



TURRET ASSEMBLY

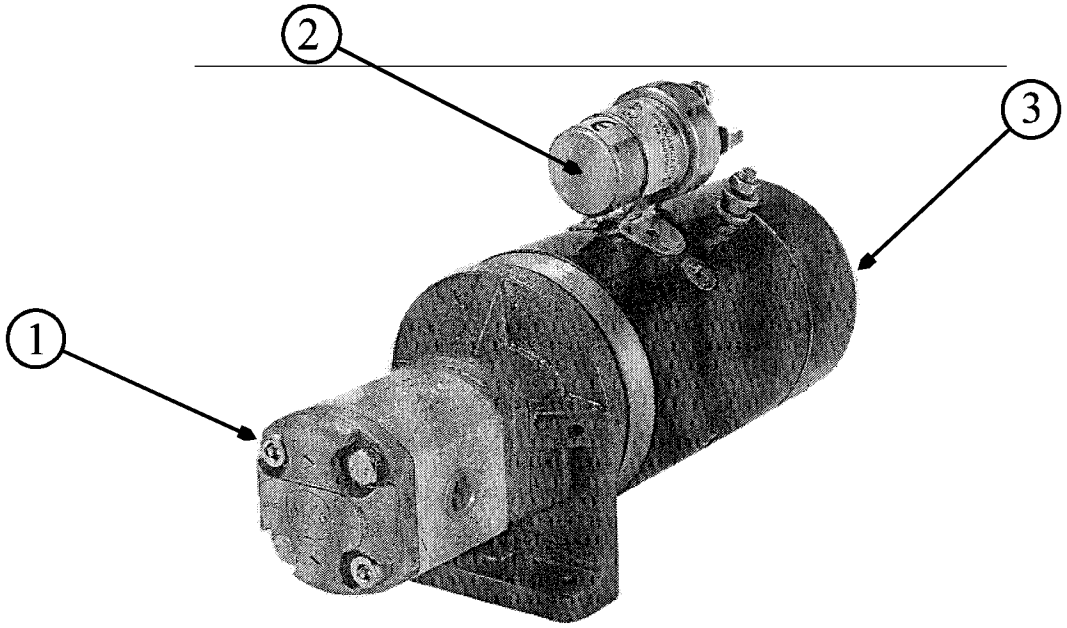
HYDRAULIC TANK - P/No: 23032-0013

From Serial No: 16520

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	43033-0003	MAIN TANK WELDMENT	1	
2	12398	LEVEL / TEMP GAUGE	1	
3	41032-0011	QUICK RELEASE COUPLING	1	Up to 31/10/00 - Deleted from tank
	31013-0458	¾" BSP CAP	1	From 01/11/00 - On tank top plate
4	31013-0139	½" BSP FEMALE BLANKING PLUG	1	Up to 31/10/00
	41032-0021	1" BSP QUICK RELEASE COUPLING	1	From 01/11/00
5	49004-0501	TANK TOP PLATE	1	
6	44002-0354	M6 x 16 SOCKET HEAD SCREW	14	
7	41037-0011	OIL FILLER / STRAINER ASSY.	1	
8		M6 FLAT WASHER	14	
9	41030-0059	GEAR PUMP GAUZE STRAINER	1	
10	41030-0064	RETURN FILTER	1	
	41042-0001	RETURN FILTER INDICATOR	1	
	41030-0065	RETURN FILTER ELEMENT	1	
11	31013-0208	SIZE 12 O-LOK FITTING	1	Part of main tank weldment
12	31013-0342	SIZE 8 O-LOK FITTING	1	Part of main tank weldment
13	31013-0419	SIZE 20 O-LOK FITTING	1	Part of main tank weldment
14	44004-0081	M8 x 20 SOCKET CAP SCREW	2	
15	44013-0007	M8 SPRING WASHER	2	
16	41030-0061	EMERGENCY PUMP GAUZE STRAINER	1	
17	44013-0006	M6 SPRING WASHER	14	
18	44013-0022	M8 FLAT WASHER	2	
19	44053-0002	TOP PLATE GASKET	1	

TURRET ASSEMBLY

EMERGENCY PUMP - P/No: 41001-0003

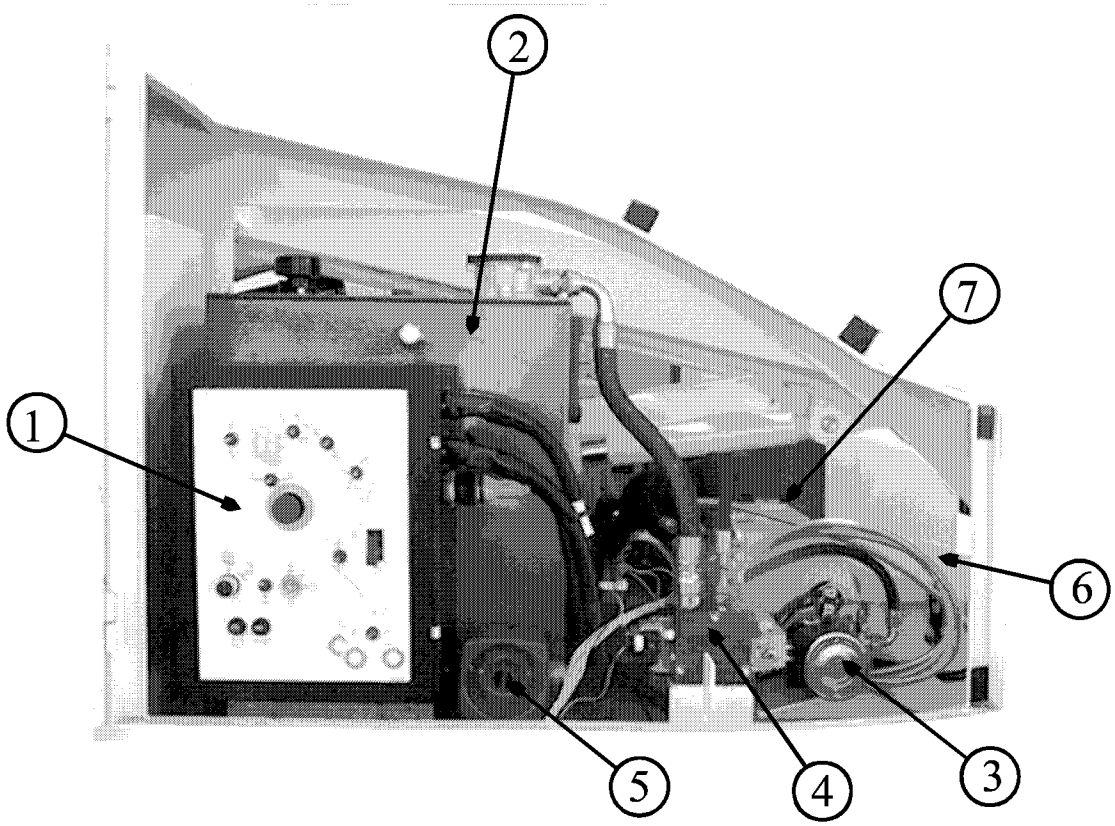


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41017-0051	GEAR PUMP	1	
2	42016-0048	STARTER	1	
3	42001-0019	MOTOR	2	
	42016-0050	BRUSHES SET	1	

TURRET ASSEMBLY

HYDRAULIC COMPARTMENT (DANFOSS MACHINES)

From Serial No: 17168

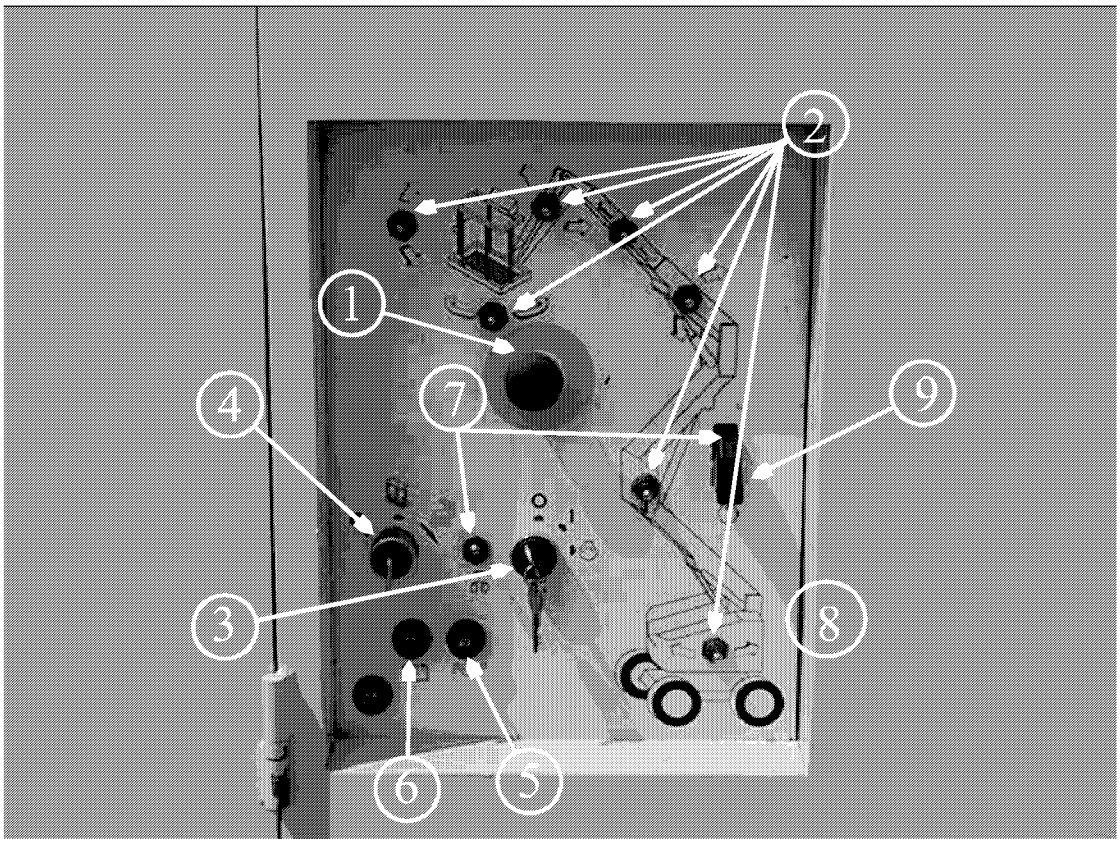


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42020-0038	LOWER CONTROL BOX (DANFOSS)	1	See Page 4-23
2	23032-0013	HYDRAULIC TANK	1	See Page 4-15
3	41001-0003	EMERGENCY HYDRAULIC PUMP	1	See Page 4-17
4	41029-0052	HYDRAULIC VALVE BLOCK (DANFOSS)	1	See Page 4-27
5	16144	SIREN	1	
6	42006-0035	STARTER BATTERY	1	
7	13019-0004	FUEL TANK	1	

TURRET ASSEMBLY

LOWER CONTROL BOX - FRONT PANEL

All Machines



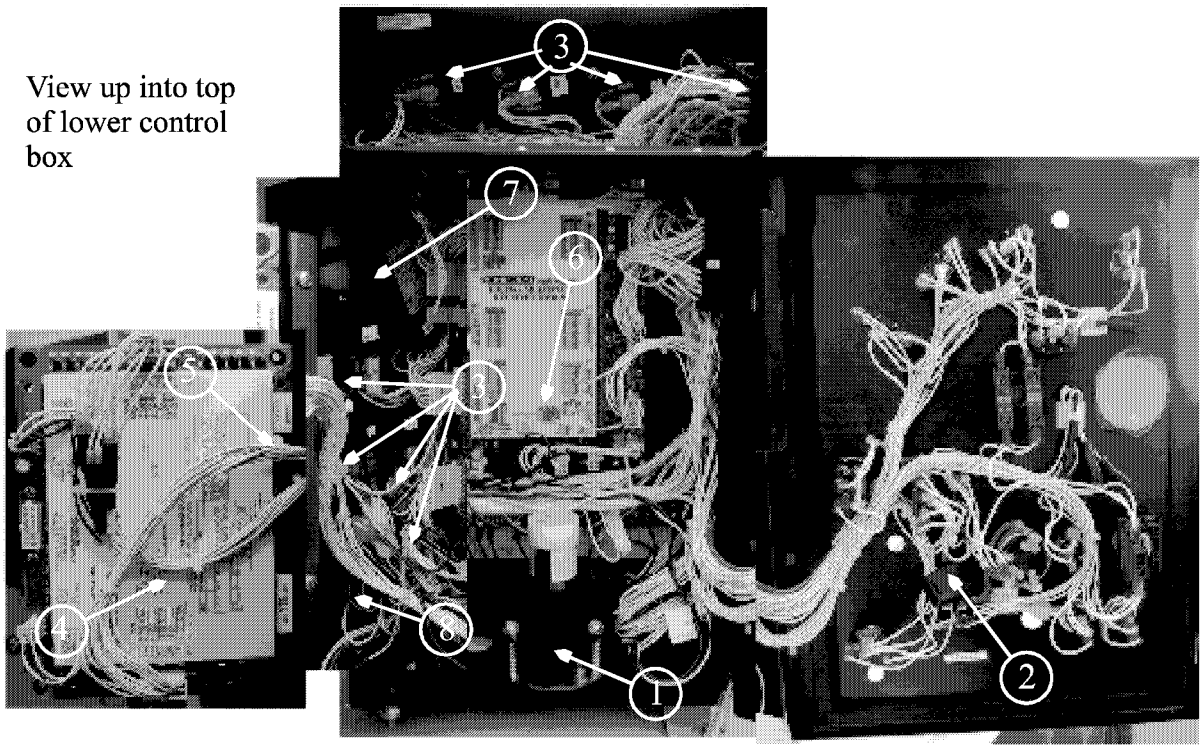
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42002-0342	EMERGENCY STOP	1	
	42002-0343	CONTACT E-STOP	1	
2	42002-0346	TOGGLE SWITCH 2-WAY	7	
3	42002-0321	ENGINE KEY SWITCH	1	
4	42002-0350	MAIN KEY SWITCH	1	
5	42010-0294	ENGINE OIL LAMP	1	
6	42010-0293	BATTERY CHARGE LAMP	1	Not on Bi-Fuel
	42010-0037	INDICATOR LAMP BULB	2	Not Illustrated
7	42002-0348	TOGGLE SWITCH 1-WAY	2	No on Bi-Fuel
8	47011-0587	DECAL	1	
9	42013-0449	SWITCH COVER	1	
	42020-0036	LOWER CONTROL BOX	1	Up To Serial No: 16366, See Page 4-19
	42020-0049	LOWER CONTROL BOX	1	From Serial No: 17167, See Page 4-20
	42020-0038	LOWER CONTROL BOX	1	From Serial No: 17168, See Page 4-22

TURRET ASSEMBLY

LOWER CONTROL BOX - P/No: 42020-0036

Up To Serial No: 16366

View up into top of lower control box



View of Superflex Controller

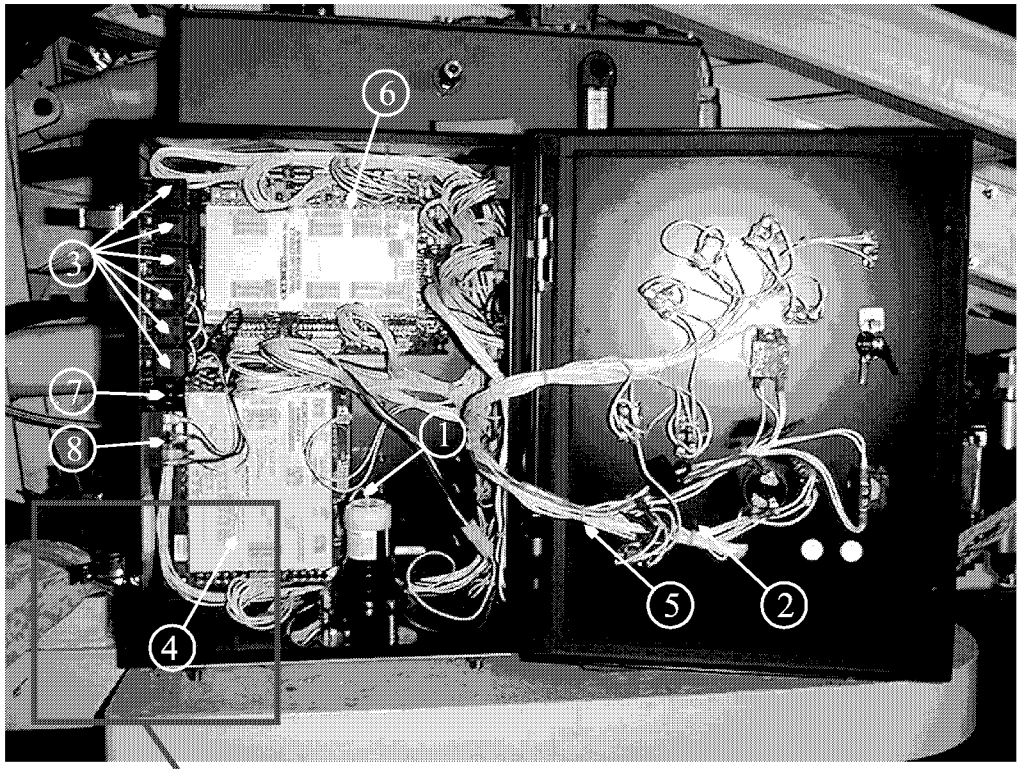
View inside lid

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42013-0349	TILT SENSOR	1	
2	42011-0053	FUSE	1	
3	42015-0133	RELAY	8	
4	42014-0169	SUPERFLEX CARD	1	
5	42013-0431	LOWER BOX HARNESS	1	
6	42014-0170	LOWER PCB DMR 30	1	
7	42014-0157	STARTER PROTECTION	1	
8	42015-0147	TIMER RELAY	1	

TURRET ASSEMBLY

LOWER CONTROL BOX - P/No: 42020-0049

From Serial No: 16367 To Serial No: 17167





TURRET ASSEMBLY

LOWER CONTROL BOX - P/No: 42020-0049

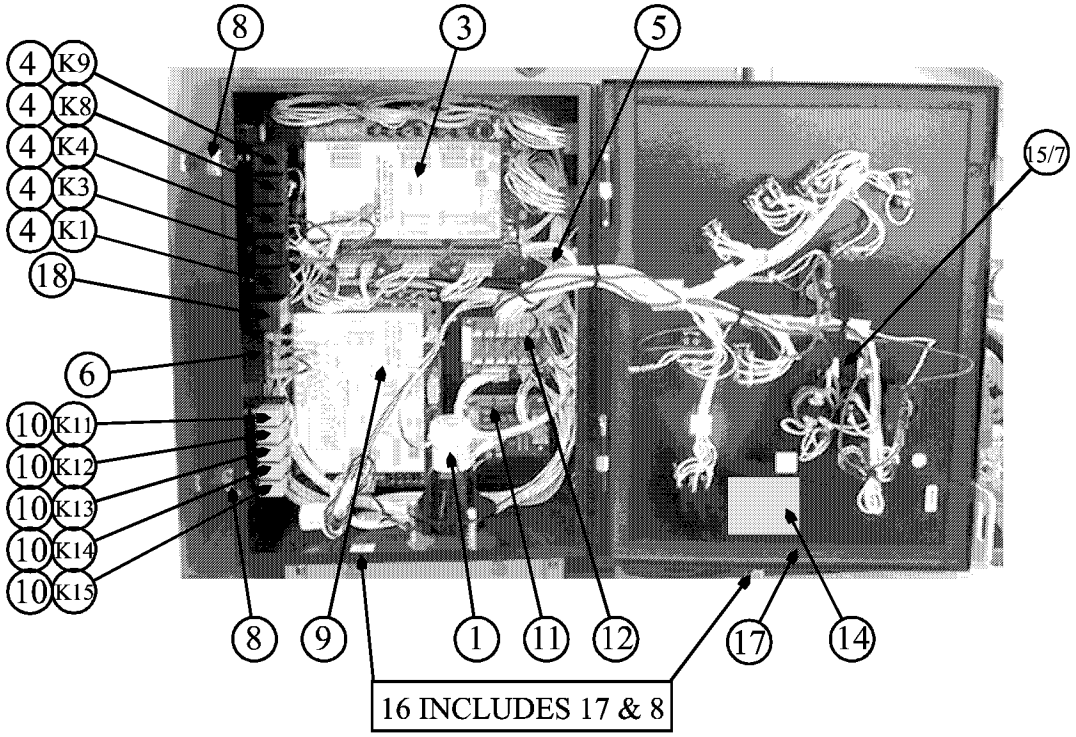
From Serial No: 16367 To Serial No: 17167

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42013-0349	TILT SENSOR	1	
2	42011-0053	FUSE	1	
3	42015-0133	RELAY	8	
4	42014-0169	SUPERFLEX CARD - 233	1	
	42017-0177	SUPERFLEX CARD - 241	1	Serial No: 16600 Onwards
5	42013-0131	LOWER BOX HARNESS	1	
6	42014-0170	LOWER PCB DMR 30 -523	1	
6a	42014-0176	LOWER PCB DMR 30 - 530	1	Serial No: 16600 Onwards
7	42014-0157	ENGINE PROTECTION RELAY	1	
8	42015-0147	TIMER RELAY	1	
9	42014-0178	DIODE MATRIX CARD	1	From 16600
10	42015-0050	RELAY	2	Bi-Fuel Only
	42012-0147	HARNESS LOWER CONTROL BOX TO ENGINE	1	Bi-Fuel Only
	42014-0456	LOW VOLTAGE DETECTION MODULE	1	From Serial No: 16986

TURRET ASSEMBLY

LOWER CONTROL BOX - P/No: 42020-0049

From Serial No: 17168



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42013-0349	SLOPE SENSOR 5 DEGREEE	1	
2	42014-0175	OPTIMIZER KIT WITH PLASTIC CASE AND CABLE	1	Not Illustrated
3	42014-0461	DIGITAL MULTIPLEX RECEIVER	1	
4	42015-0130	12V 30 AMP RELAY	5	
5	42009-0095	40 PIN DEUTSCH CONNECTOR	1	
6	42015-0147	RELAY TIME DELAY ON MAKE	1	
7	42011-0022	15 AMP FUSE	1	
8	44029-0217	LATCH	1	
9	42014-0464	SUPERFLEX CONTROLLER BOARD	1	
10	42015-0168	RELAY	5	
11	42014-0462	DANFOSS CARD	1	
12	42014-0463	DANFOSS TRIMMER CARD	1	
13	42010-0575	LOW BATTERY INDICATOR	1	Not Illustrated
14	47011-0554	DECAL FOR POT SETTINGS	1	
15	42002-0437	FUSE HOLDER	1	
16	42003-0327	ENCLOSURE C/W DOOR AND LATCH	1	
17	42003-0328	ENCLOSURE DOOR	1	
18	42014-0157	ENGINE PROTECTION RELAY	1	
	42012-0437	LOWER CONTROL BOX HARNESS (DANFOSS)	1	Not Illustrated
	42014-0456	LOW VOLTAGE DETECTION MODULE	1	Not Illustrated
	42012-0147	HARNESS LOWER CONTROL BOX TO ENGINE	1	Bi-Fuel Only

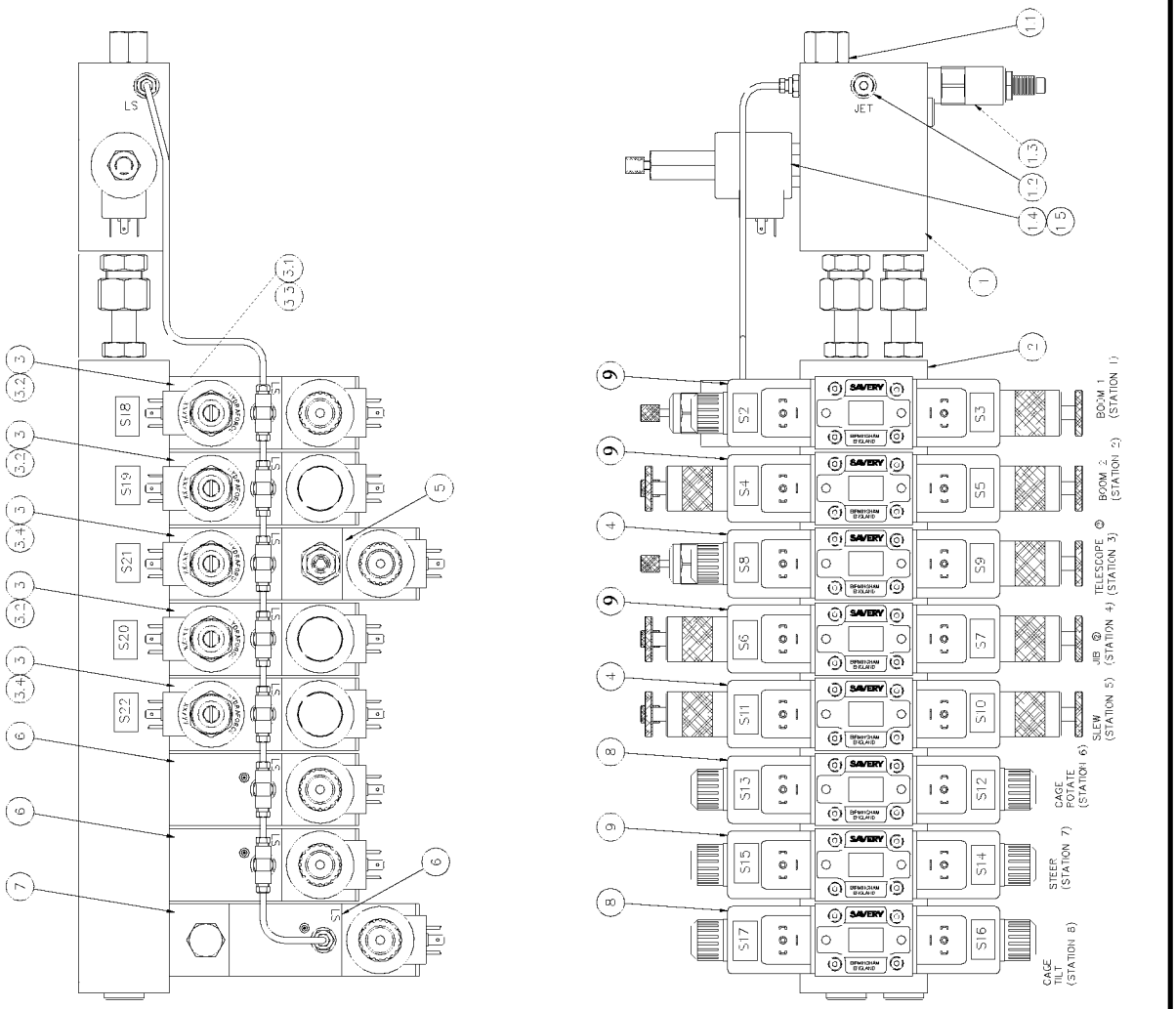
TURRET ASSEMBLY

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TURRET ASSEMBLY

MAIN HYDRAULIC MANIFOLD - P/No: 41029-0039

Up To Serial No: 17167
(From Serial No: 17168, See Page 4-27)



TURRET ASSEMBLY

MAIN HYDRAULIC MANIFOLD - P/No: 41029-0039

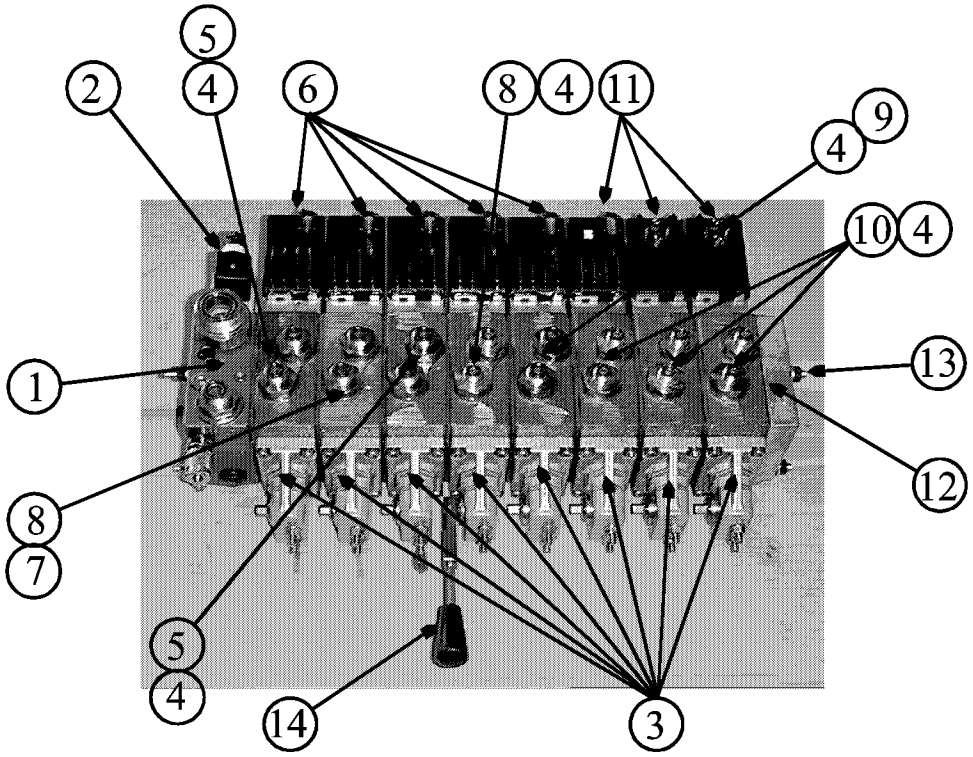
Up To Serial No: 17167
(From Serial No: 17168, See Page 4-27)

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41029-0044	SMALL MANIFOLD BLOCK	1	
1.1	41003-0124	COMPENSATOR	1	Seal Kit Item 10
1.2	41007-0023	CUT OFF VALVE HYDRAULIC	1	
1.3	41006-0056	PRESSURE RELIEF VALVE	1	Seal Kit Item 11
1.4	41003-0125	SOLENOID SHUT OFF VALVE	1	Seal Kit Item 13
1.5	41020-0360	OVERRIDE ASSEMBLY	1	
	42015-0152	SOLENOID COIL	1	
2	41029-0045	MAIN MANIFOLD BLOCK	1	
3	41003-0126	DIRECTIONAL VALVE	5	Lift 1 & 2, Tele, Jib and Slew
3.1	41009-0042	CHECK VALVE	5	Lift 1 & 2, Tele, Jib and Slew Seal Kit Item 12
3.2	41008-0009	PRESSURE COMPENSATING FLOW CONTROL	3	Lift 1 & 2 and Jib Seal Kit Item 10
3.3	41009-0043	NON RETURN VALVE	5	Lift 1 & 2, Tele, Jib and Slew
3.4	41008-0010	PRESSURE COMPENSATING FLOW CONTROL	2	Tele and Slew
4	41003-0127	DIRECTIONAL VALVE	5	Tele and Slew
	42015-0153	SOLENOID COIL	10	
	41004-0033	MANUAL OVERRIDE	8	
5	41006-0057	PRESSURE RELIEF VALVE	1	Tele
6	41003-0129	MANIFOLD VALVE COMPLETE	3	Cage Rotate, Tilt and Steer
7	41009-0044	DOUBLE PO CHECK	2	
	41009-0045	PISTON FOR ITEM 7	1	
8	41003-0128	MOTOR SPOOL VALVE	2	Cage Rotate and Tilt
9	41003-0140	DIRECTIONAL VALVE	3	Lift 1 & 2, Jib
10	SK10-3N-MM	SEAL KIT FOR ITEMS 1.1, 3.2, 3.4	5	Seal Kit for Compensator and Proportional Valves
11	SK10-2N-B	SEAL KIT FOR ITEM 1.3	1	
12	SK08-2N-T	SEAL KIT FOR ITEM 3.1	5	
13	SK10-2N-T	SEAL KIT FOR ITEM 1.4	1	

TURRET ASSEMBLY

HYDRAULIC BLOCK (DANFOSS) - P/No: 41029-0052

From Serial No: 17168



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41020-0465	PVP FOR PVE PILOT OIL SUPPLY	1	
2	41006-0061	PVPX 12V DUMP VALVE	1	
3	41020-0466	MECHANICAL ACTUATOR FOR SPOOL	8	C/W Handle
4	41020-0467	PVB WITH COMPENSATOR VALVE	7	
5	41020-0468	40 L/MIN SPOOL	2	
6	42015-0163	PVEK ELECTRIC ACTUATOR	5	
7	41020-0469	PVB WITH DAMPED COMP. VALVE	1	
8	41020-0470	10 L/MIN SPOOL	2	
9	41020-0471	5 L/MIN SPOOL O/C	1	
10	41020-0472	5 L/MIN SPOOL C/C	3	
11	42015-0164	PVEO ELECGRIC ACTUATOR	3	
12	41029-0054	PVS END PLATE	1	
13	41034-0167	PVAS BOLT & SEAL KIT ASSEMBLY	1	
14	44033-0042	HANDLE	1	

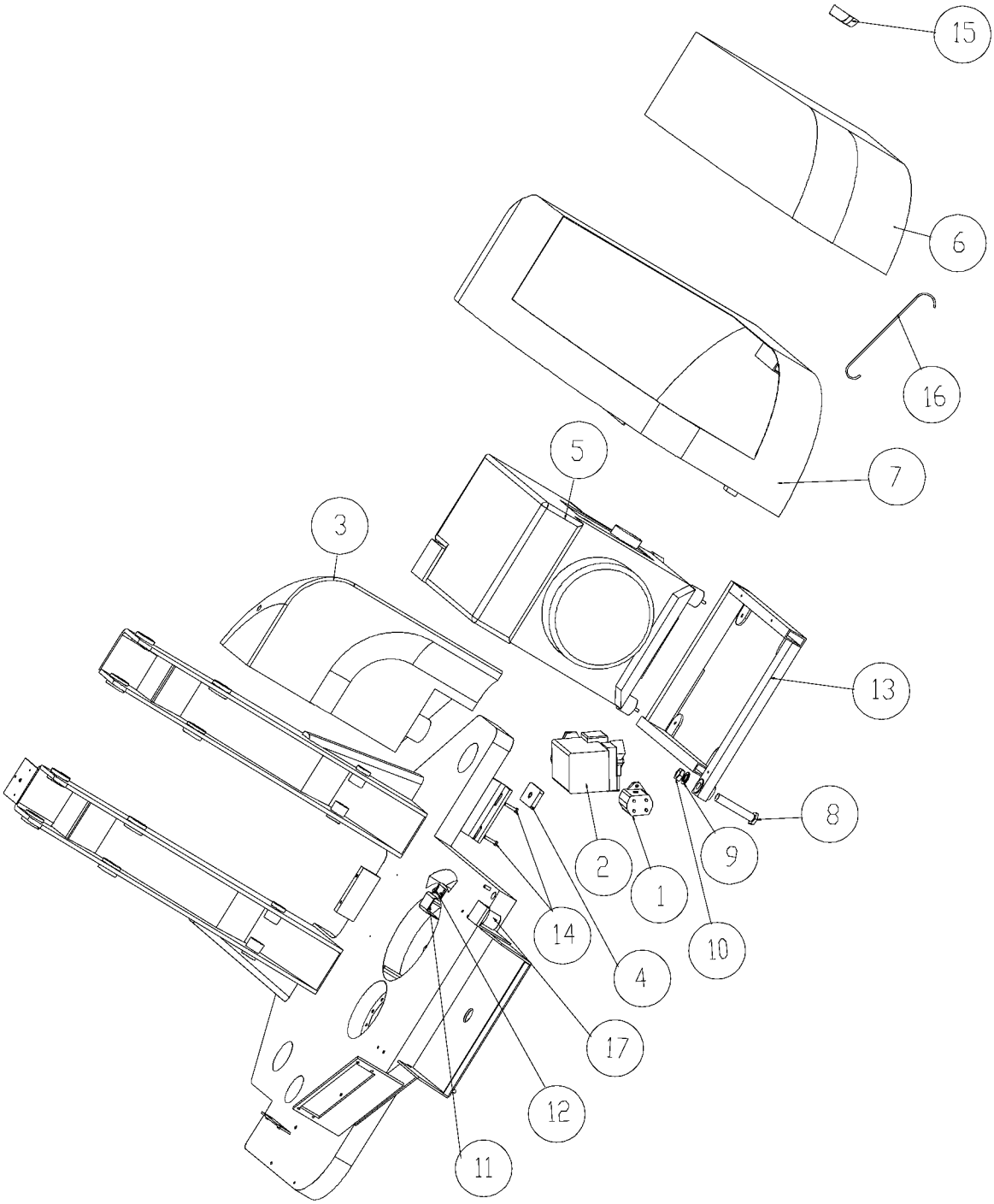
TURRET ASSEMBLY

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TURRET ASSEMBLY

RHS PLINTH ASSEMBLY

For LHS Plinth Assembly, See Page 4-1



TURRET ASSEMBLY

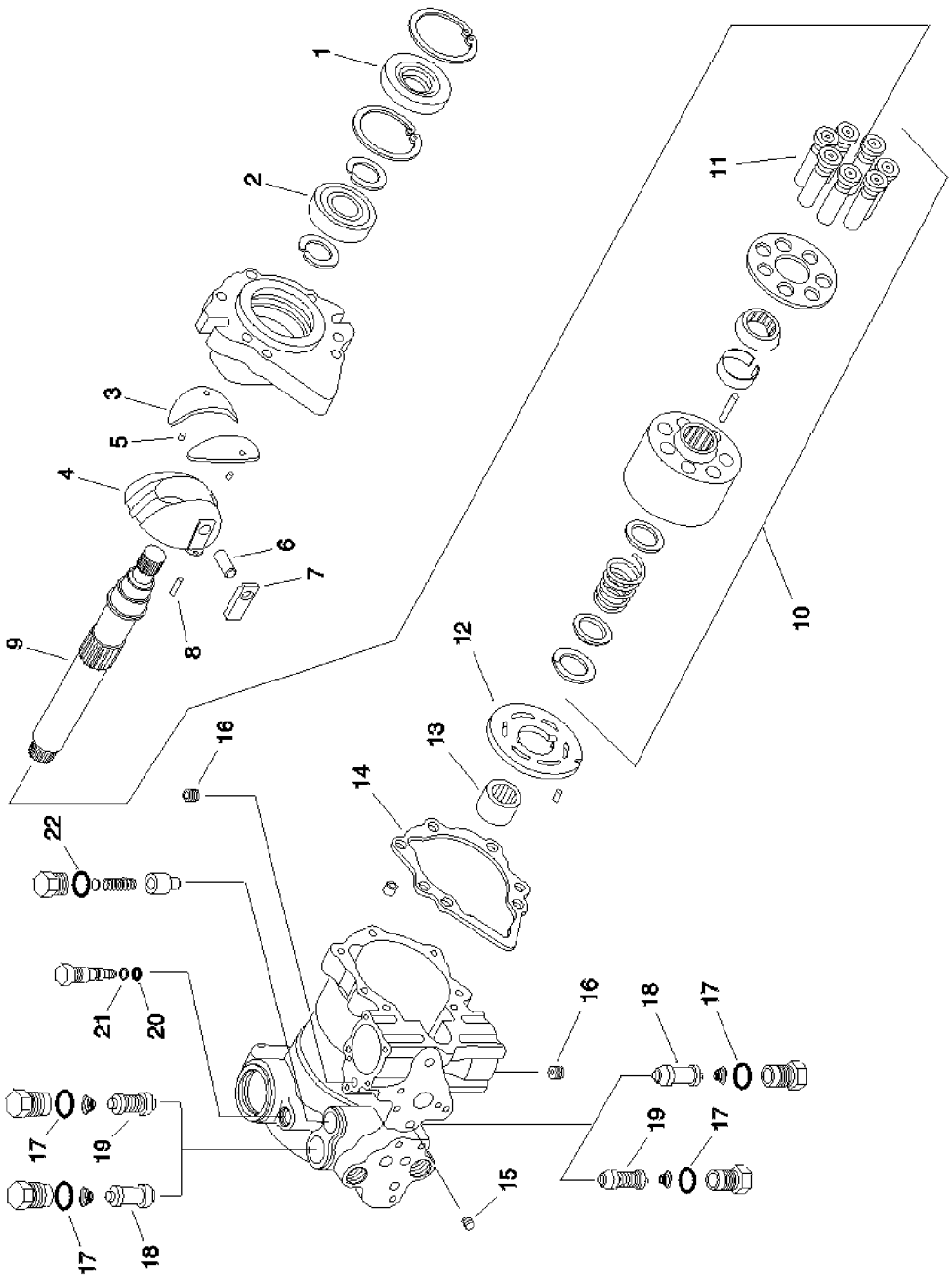
RHS PLINTH ASSEMBLY

For LHS Plinth Assembly, See Page 4-1

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41017-0054	GEAR PUMP (14.4 cc/rev)	1	
2	41017-0049	AXIAL PISTON HYDRAULIC PUMP (SAUER)	1	See Page 4-31
3	14029-0008	BALLAST RIGHT HAND SIDE	1	
4	49019-0015	BALLAST CLAMP PLATE	1	
5	44046-0008	DIESEL ENGINE	1	See Page 4-35
	44046-0010	BI-FUEL ENGINE	1	(Option) See Page 4-36 to 4-43
6	43020-0039	ENGINE SIDE MAIN COVER OPENING	1	Steel
7	13030-0098	ENGINE SIDE MAIN COVER COMPLETE	1	Glass Fibre, Up To Serial No: 16595
	13020-0112	ENGINE SIDE MAIN COVER COMPLETE	1	Steel, From Serial No: 16596
8	44002-0391	M30 x 170 BOLT	1	
9	44013-0086	M30 FLAT WASHER	1	
10	44007-0041	M30 NUT	1	
11	49004-0486	SWIVEL ANTI-ROTATION BRACKET	1	
12	44002-0332	M10 x 30 HEX HEAD BOLT	2	
13	33003-0011	DIESEL ENGINE MOUNTING FRAME	1	
	33003-0013	BI-FUEL ENGINE FRAME	1	(Option)
14	44002-0068	M10 x 50 HEX HEAD BOLT	1	
15	44029-0202	PADDLE LATCH	1	Steel
16	49041-0068	STAY	1	Steel
17	16510	SUCTION FILTER	1	From Serial No: 16520
	41030-0055	FILTER ELEMENT	1	From Serial No: 16520
	41042-0002	SUCTION FILTER INDICATOR	1	From Serial No: 16520

TURRET ASSEMBLY

AXIAL PISTON HYDRAULIC PUMP - P/No: 41017-0049



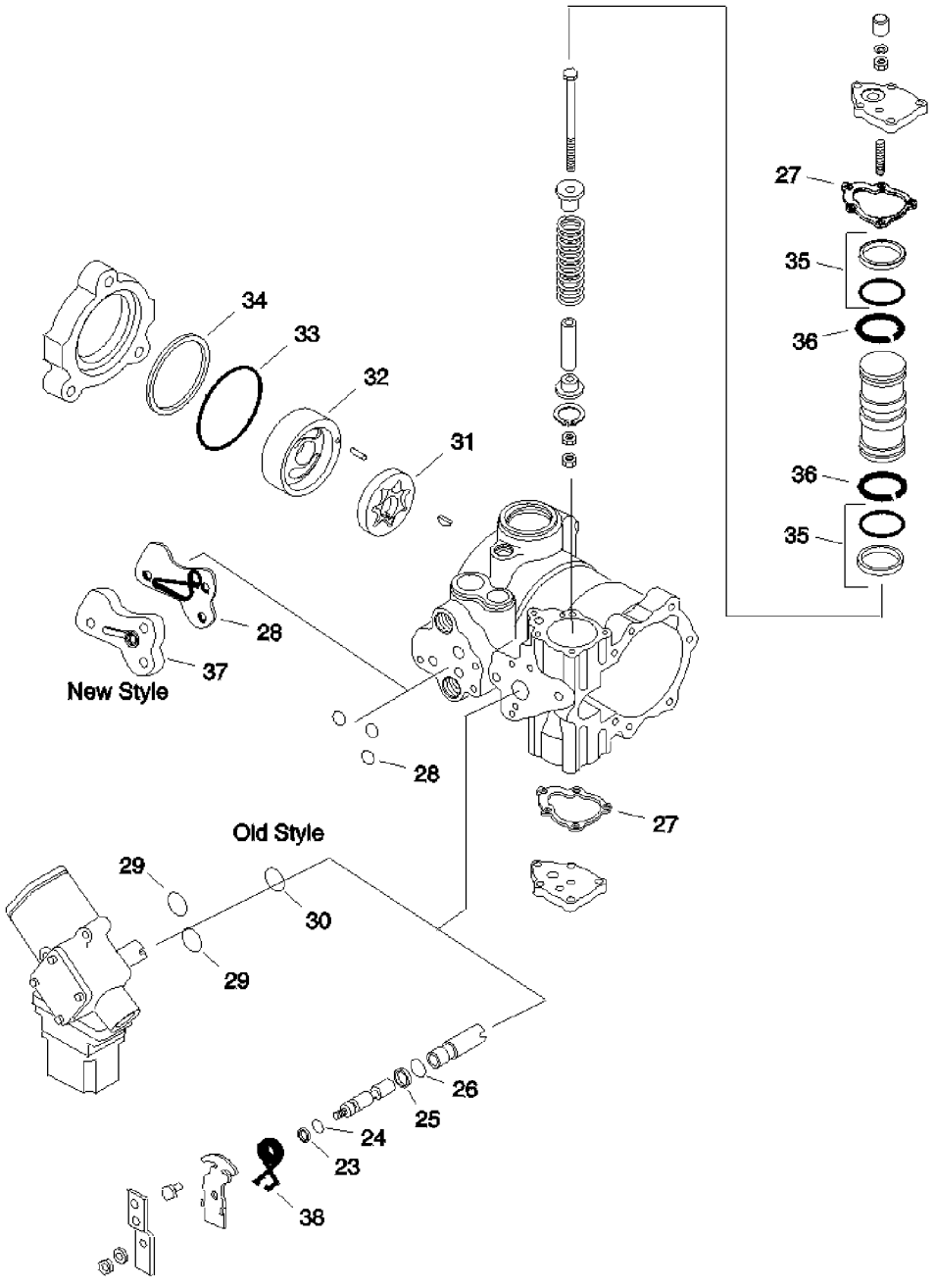
TURRET ASSEMBLY

AXIAL PISTON HYDRAULIC PUMP - P/No: 41017-0049

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	4510017	OVERHAUL GASKET / SEAL KIT		
1	9008000-0121	LIP SEAL		
2	9001315-0011	BALL BEARING		
3	4460325-0001	JOURNAL BEARING		For non-balanced swashplate
	4460320-0001	JOURNAL BEARING		For balanced swashplate
4	4460393	SWASHPLATE		Non-balanced
	4460394	SWASHPLATE		Balanced
5	9004700-1206	SPRING PIN		
6	9004820-4416	STRAIGHT HEADLESS PIN		
7	4460162	SLEEVE BEARING		
8	9004700-2512	PIN		
9	4460102	SHAFT, 15 TOOTH, “A” FLANGE / 9 TOOTH		
10	4460289	CYLINDER BLOCK KIT		
11	4460650	PISTON ASSEMBLY		
12	4460417	VALVE PLATE, CW		
13	9001465-0010	NEEDLE BEARING		
14	4460564	FRONT COVER GASKET		
15	4800155-0006	CONTROL ORIFICE, MDC, .031”		
	4460155-0001	.036”		
	4460155-0004	.041”		
	4460155-0002	.046”		
	4460155-0003	.054”		
	4460155-0007	.156” (CONSIDERED NONE)		
	4460155-0005	.062”		
16	4460333-0003	CONTROL ORIFICE, EDC/HDC, .055”		
	4460333-0001	.037”		
	446033-0005	.031”		
17	9004201-7500	O-RING		
18	3103348	CHECK VALVE POPPET		
19	3103375-0175	SCR VALVE, 250 BAR / 3625 PSI		
20	9004100-0120	O-RING		
21	9006110-0120	BACK UP RING		
22	9004201-6200	O-RING		
23	9006110-0120	BACK UP RING		
24	9004100-0120	O-RING		
25	9006110-0160	BACK UP RING		
26	9004100-0160	O-RING		

TURRET ASSEMBLY

AXIAL PISTON HYDRAULIC PUMP - P/No: 41017-0049



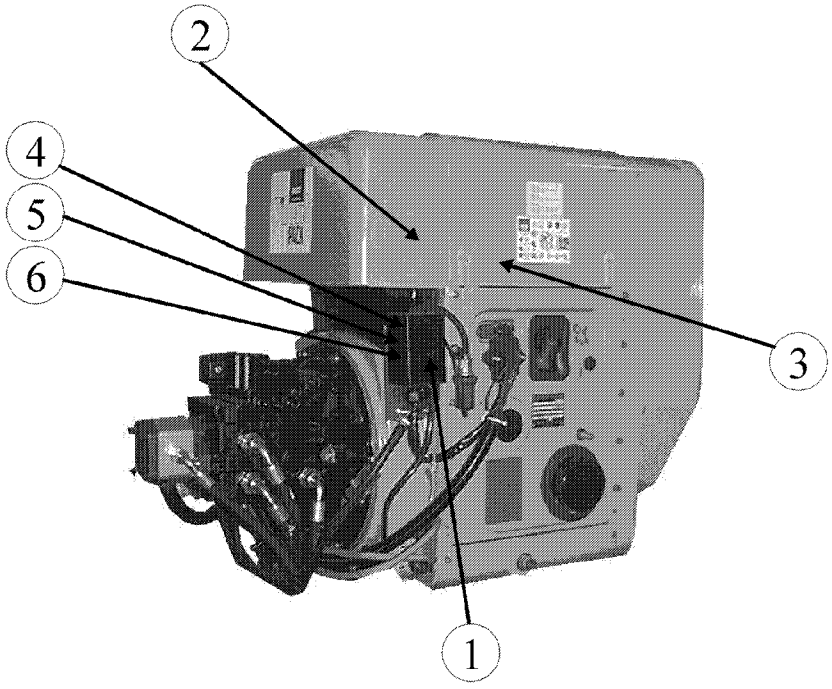
TURRET ASSEMBLY

AXIAL PISTON HYDRAULIC PUMP - P/No: 41017-0049

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
27	4460413	SERVO GASKET		
28	9004101-0170	O-RING (REFER TO SB-9017)		(Old style adaptors)
	4460655	SUCTION FILTER ADAPTOR SEAL		(Units built after 91-30)
29	9004101-0140	O-RING		
30	9004100-0210	O-RING		
31	4800054-0001	GEROTOR ASSEMBLY, .85		
32	4800108-0001	GEROTOR COVER		
33	9004375-0023	SPECIAL O-RING		
34	9700864	TEMPER LOAD RING		
35	4510002	SERVO PISTON RING KIT		
36	4460648	BEARING RING		
37	4460643	SUCTION FILTRATION ADAPTOR		
38	4800078	NEUTRAL RETURN SPRING		

TURRET ASSEMBLY

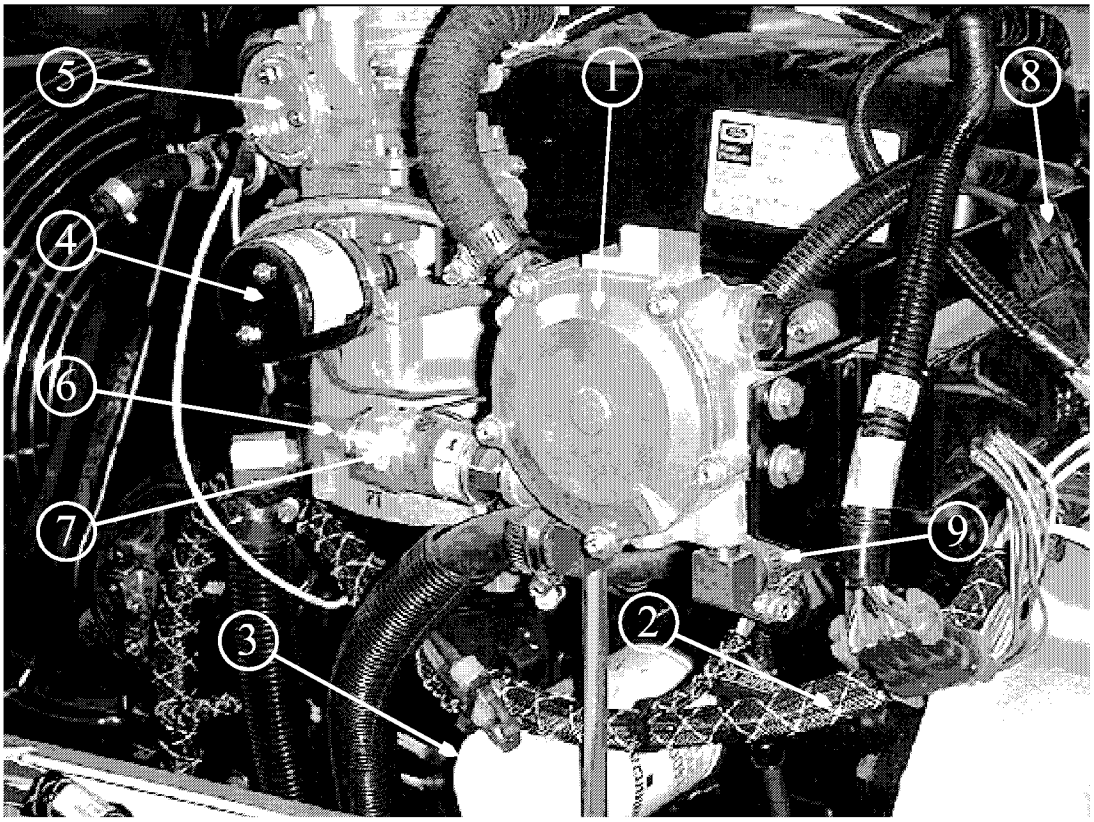
HATZ DIESEL ENGINE - P/No: 44046-0008



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	44047-0103	AIR FILTER	1	
	44047-0104	MAINTENANCE KIT	1	
	44047-0105	CYLINDER HEAD GASKET KIT	1	After 1,000 hours
	44047-0106	EMERGENCY KIT	1	
	44047-0107	EXHAUST SILENCER	1	
	44047-0108	OIL FILTER	1	
	44047-0109	ALTERNATOR 14V 50A	1	
	44047-0110	POLY V BELT	1	
	44047-0111	EL STARTER 12 V	1	
	44047-0112	FUEL FILTER (INTERNAL)	1	Under top cover
	44047-0063	FUEL PRE-FILTER (EXTERNAL)	1	
	44047-0114	SWITCH BOX KEY	1	
	44047-0115	REGULATOR	1	
1	42014-0167	POWER BOX	1	
2	42015-0148	GLOW PLUG RELAY	1	Under cover
3	42011-0065	GLOW PLUG FUSE 50A	1	Under cover
4	42014-0168	PCB	1	In power box
5	42011-0022	FUSE 15 AMP	1	In power box
6	42011-0066	FUSE 40 AMP	2	In power box
7	41017-0049	AXIAL PISTON HYDRAULIC PUMP	1	See Page 4-31
8	41017-0054	GEAR PUMP	1	

TURRET ASSEMBLY

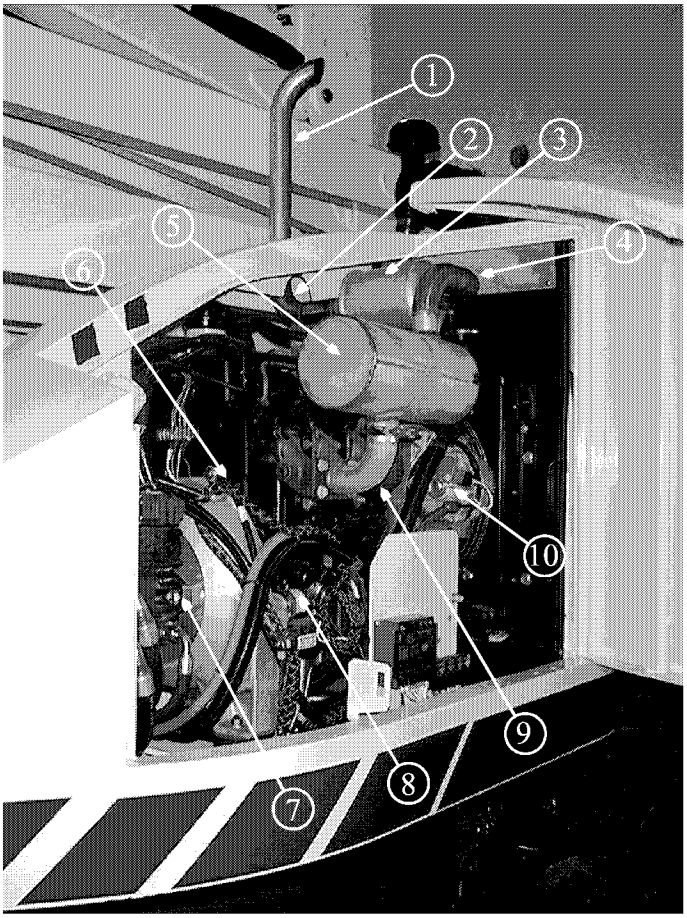
BI-FUEL ENGINE INNER SIDE - P/No: 44046-0010



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	69353	REGULATOR, PROPANE	1	
	69155	KIT REPAIR	1	
	600921	ADAPTOR, CARBURRETOR	1	
	600922	VENTURI LP	1	
2	212538	ENGINE HARNESS	1	
3	6731	OIL FILTER	1	
4	601158	ACTUATOR, ROTARY	1	
5	600769	CARBURETTOR	1	
6	41011-0185	90 ELBOW	1	
7	67779	SOLENOID, VALVE FUEL SHUT OFF	1	
8	601193	SWITCH, OIL PRESSURE	1	
9	600768	SWITCH, TEMPERATURE	1	

TURRET ASSEMBLY

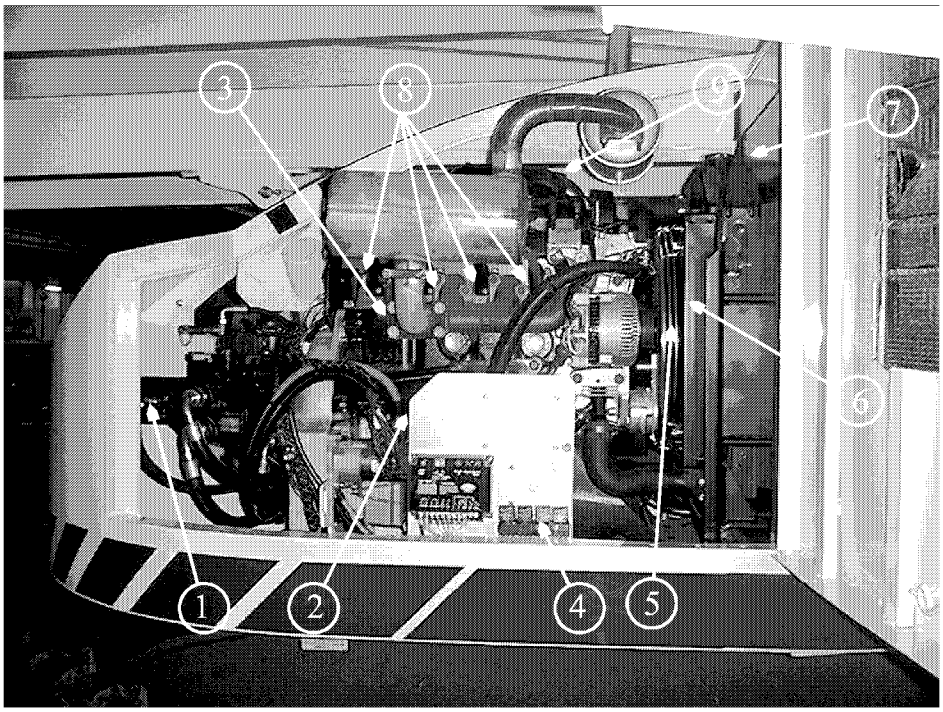
BI-FUEL ENGINE OUTER SIDE - P/No: 44046-0010



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	49448-0004	EXHAUST END PIPE	1	
2	49229-0001	EXHAUST PIPE 2ND STAGE	1	Spark Arrester Option
3	44047-0144	SPARK ARRESTER	1	Spark Arrester Option
4	49229-0002	EXHAUST PIPE 1ST STAGE	1	Spark Arrester Option
	49229-0005	LOWER EXHAUST	1	Standard (Not Shown)
5	601191	SILENCER (MUFFLER)	1	
	43014-0023	SILENCER INSULATION		Not Shown
6	212538	ENGINE HARNESS	1	
7	600648	DRIVE UNIT	1	
8	601202	STARTER	1	
9	160669	EXHAUST STUB	1	
10	601204	ALTERNATOR	1	
	10C359	REGULATOR & BRUSH ASSEMBLY	1	On Alternator

TURRET ASSEMBLY

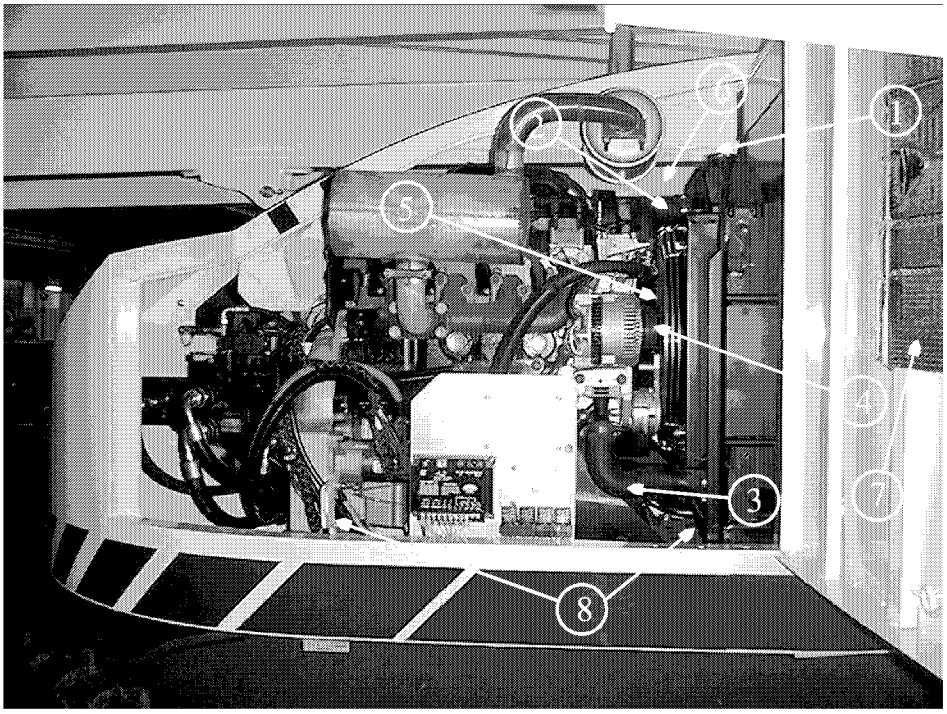
BI-FUEL ENGINE OUTER SIDE - P/No: 44046-0010



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41017-0054	GEAR PUMP	1	No serviceable parts
2	212631	CONTROL PANEL	1	See Page 4-40
3	600755	GASKET EXHAUST FLANGE	1	
4	601216	STARTER RELAY	1	
5	600887	FAN GUARD KIT	1	
6	601214	RADIATOR	1	
7	49003-1624	BAFFLE PLATE ASSEMBLY	1	
8	52C	SPARK PLUG	4	
9	18832	CAPACITOR ASSEMBLY	1	In distributor

TURRET ASSEMBLY

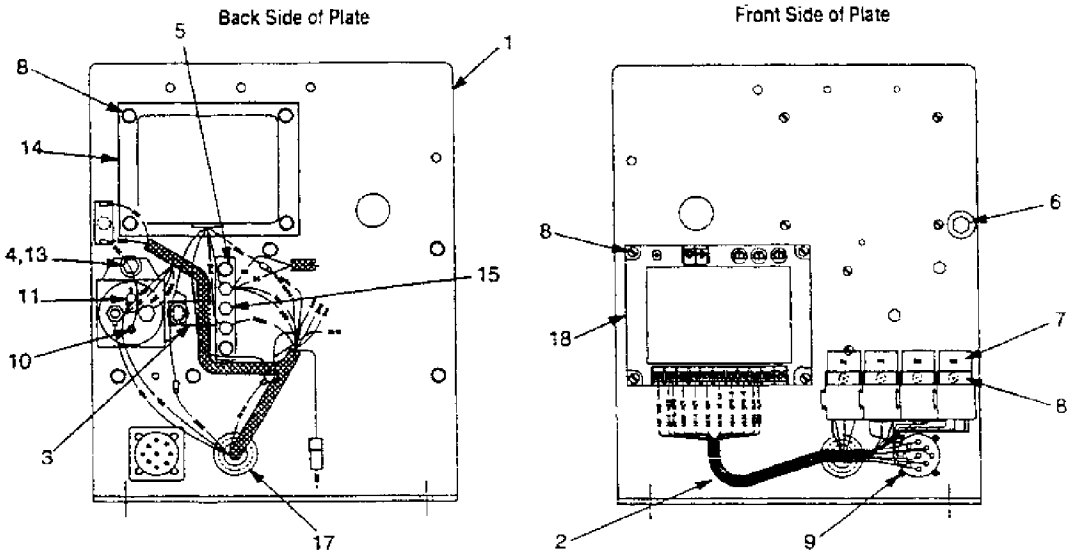
BI-FUEL ENGINE OUTER SIDE - P/No: 44046-0010



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	600756	CAP, RADIATOR	1	
2	8260	HOSE, UPPER	1	
3	8286	HOSE, LOWER	1	
4	8620	BELT, FAN	1	
5	601203	FAN	1	
6	600770	TANK, RECOVERY	1	On far side of engine
7	43014-0021	INSULATING FOAM	.5	
8	17071	ENGINE MOUNT	4	

TURRET ASSEMBLY

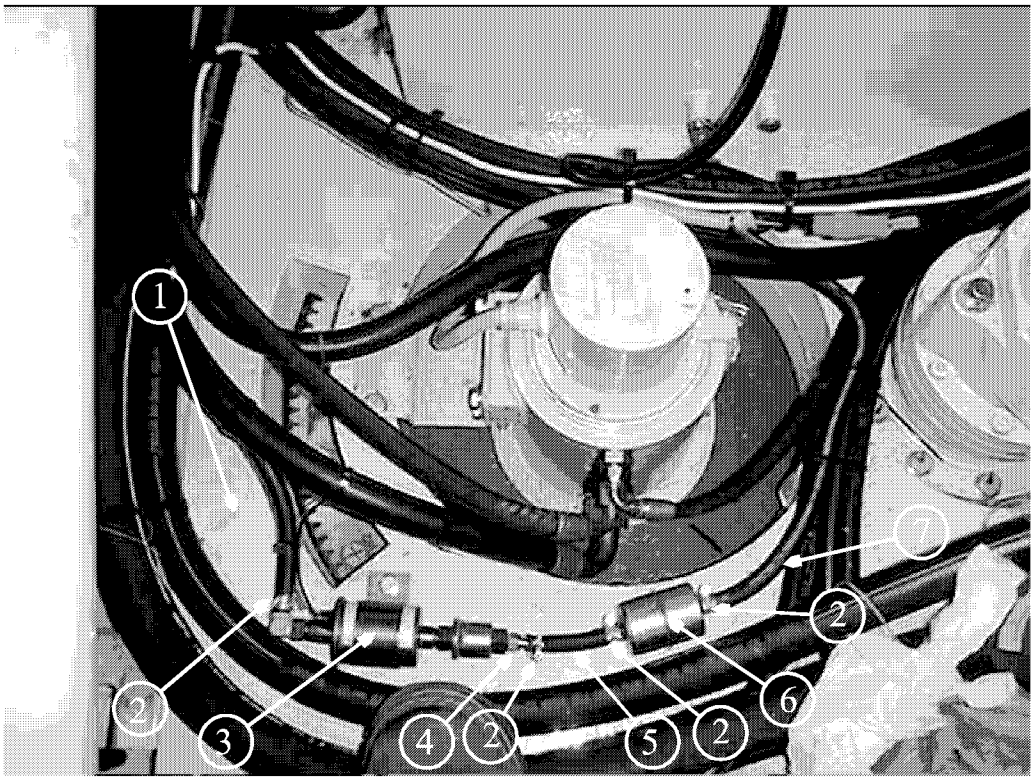
BI-FUEL ENGINE CONTROL PANEL - P/No: 212631



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	212631	ENGINE CONTROL PANEL ASS'Y	1	Incl. Items 1 through 18
1	212028	PLATE	1	
2	212632	HARNESS, CONTROL PANEL	1	
3	200B2007-4	CLAMP, 1/2"	1	
4	1200-1	CAPSCREW, ¼ x .75	1	
	1205-23	¼ NUT	1	
5	117-C	EYETLET NO.10	2	
6	441 4026	CIRCUIT BREAKER (20A)	1	
	442 2399	BOOT	1	
7	441 6828	RELAY	4	
	69488	BASE, RELAY	4	
8	1202-6	MACHINE SCREW NO.10-24 x 3/4	13	
9	1233-22	MACHINE SCREW NO.5-40 x 1/2	4	
	1230-11	KEPS, NO.5-40	4	
10	1205-3	NUT NO.8-32	1	
11	1205-6	NUT NO.10-32	1	
14	70923	STARTER LOCKOUT	1	
15	7099	BLOCK, TERMINAL	1	
17	1221-61	GROMMET	1	
18	70919	GOVERNOR CONTROL	1	
	1209-44	FLATWASHER	1	

TURRET ASSEMBLY

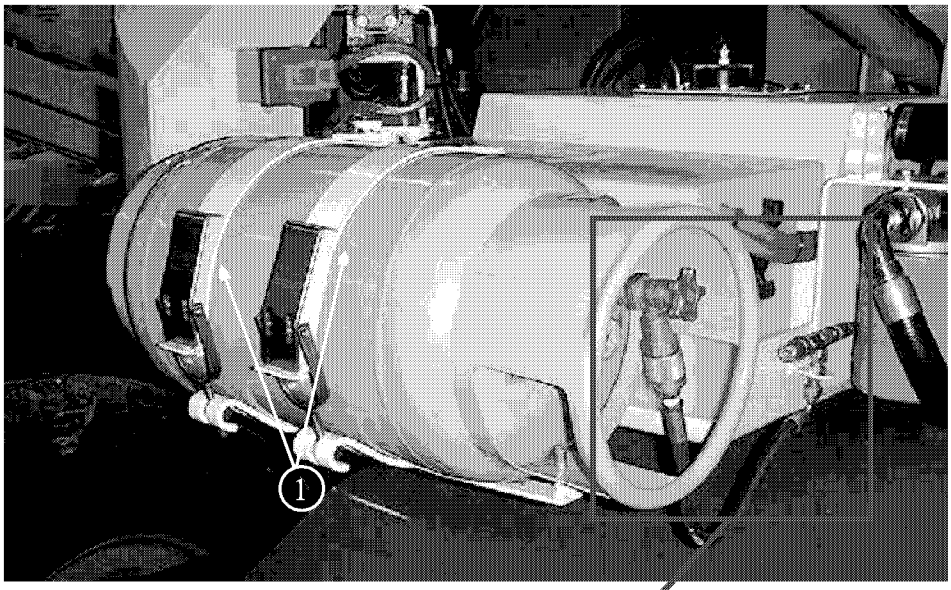
GASOLINE FUEL SYSTEM

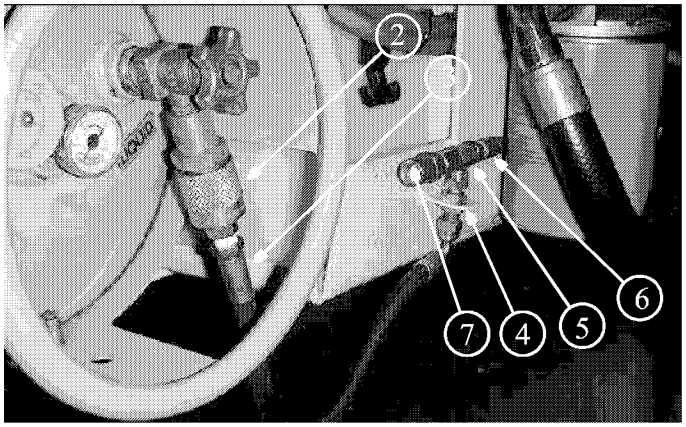


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41213-0001	FUEL HOSE FROM TANK TO FILTER	1	
2	44029-0212	HOSE CLAMP	4	
3	601200	FUEL PUMP	1	
4	41011-0179	STRAIGHT FITTING	1	
5	41213-0002	FUEL HOSE, FILTER TO PUMP	1	
6	601194	FUEL FILTER	1	
7	41213-0003	FUEL HOSE, PUMP TO ENGINE	1	

TURRET ASSEMBLY

PROPANE TANK DETAILS

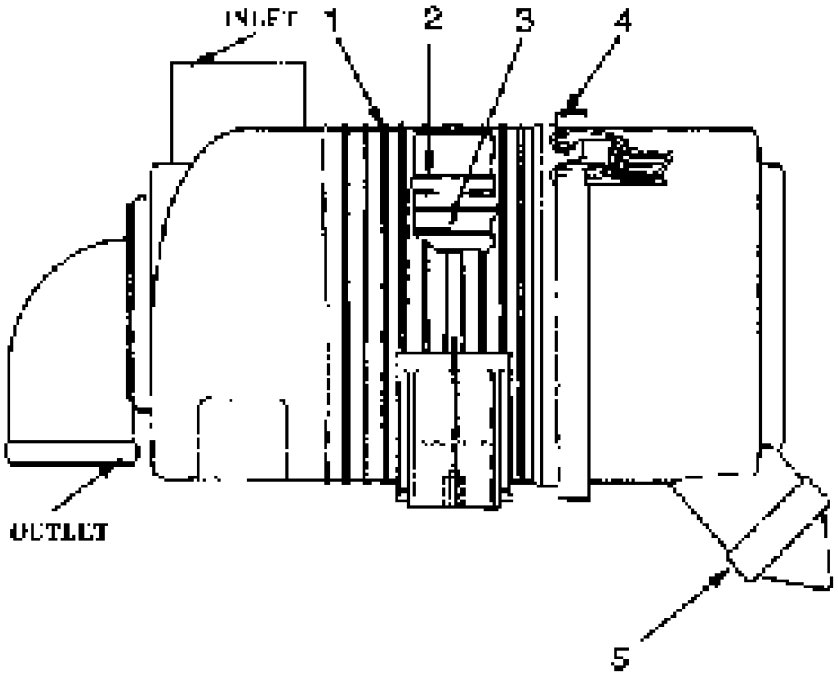




ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	MK486-B	GAS BOTTLE BRACKET	2	
2	41011-0181	COUPLING TO GAS BOTTLE	1	
3	41010-1020	HOSE ASSEMBLY, GAS BOTTLE TO VALVE	1	
4	41011-0183	ADAPTOR	1	
5	41011-0184	TEE PIECE	1	
6	41010-1021	HOSE ASSEMBLY VALVE TO ENGINE	1	
7	41011-0182	RELIEF VALVE	1	

TURRET ASSEMBLY

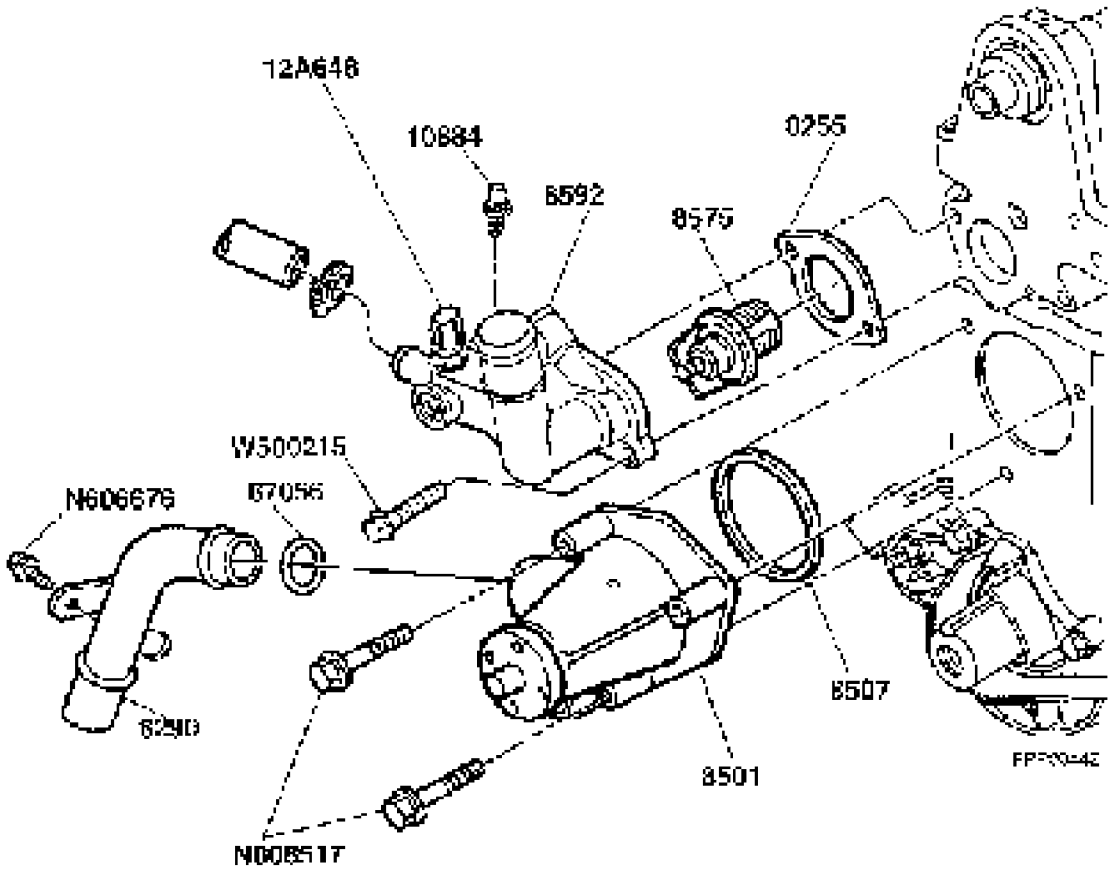
BI-FUEL ENGINE AIR FILTER - P/No: 212657



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	212657	AIR CLEANER ASSEMBLY	1	
2	P822768	PRIMARY ELEMENT	1	
3	P822769	SAFETY ELEMENT	1	
4	P539422	COVER	1	
	P538928	LATCHES		Included with Item No.4
5	P522958	VACUATOR VALVE	1	

TURRET ASSEMBLY

BI-FUEL ENGINE WATER PUMP



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	8255	GASKET WATER OUTLET CONNECTION	1	
	8501	WATER PUMP ASSY	1	
	8507	GASKET - WATER PUMP	1	
	8592	CONNECTION - WATER OUTLET CYL.HEAD	1	
	10884	SENSOR ASSY. WATER TEMP	1	
	12A648	SENSOR WATER TEMP	1	
	N808517	BOLT - WATER PUMP TO CYL BLOCK	3	M8 x 1.25 x 53
	W500215	SCREW - WATER OUTLET CYL HEAD	2	M6 x 25 Hex Flange
	8575	THERMOSTAT ASSEMBLY	1	
	8290	INLET WATER TUBE	1	
	N606676	SCREW & WASHER	1	M6 x 1.0 x 20
	87056	SEAL 3/16 x 14	1	

TURRET ASSEMBLY

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5-19 UPPER CONTROL BOX INSIDE - P/N: 42020-0037

5-20 BOOM JOYSTICK P/N: 32019-0021

5-21 DRIVE JOYSTICK - P/N: 32019-0011

5-22 RG1 HANDLE

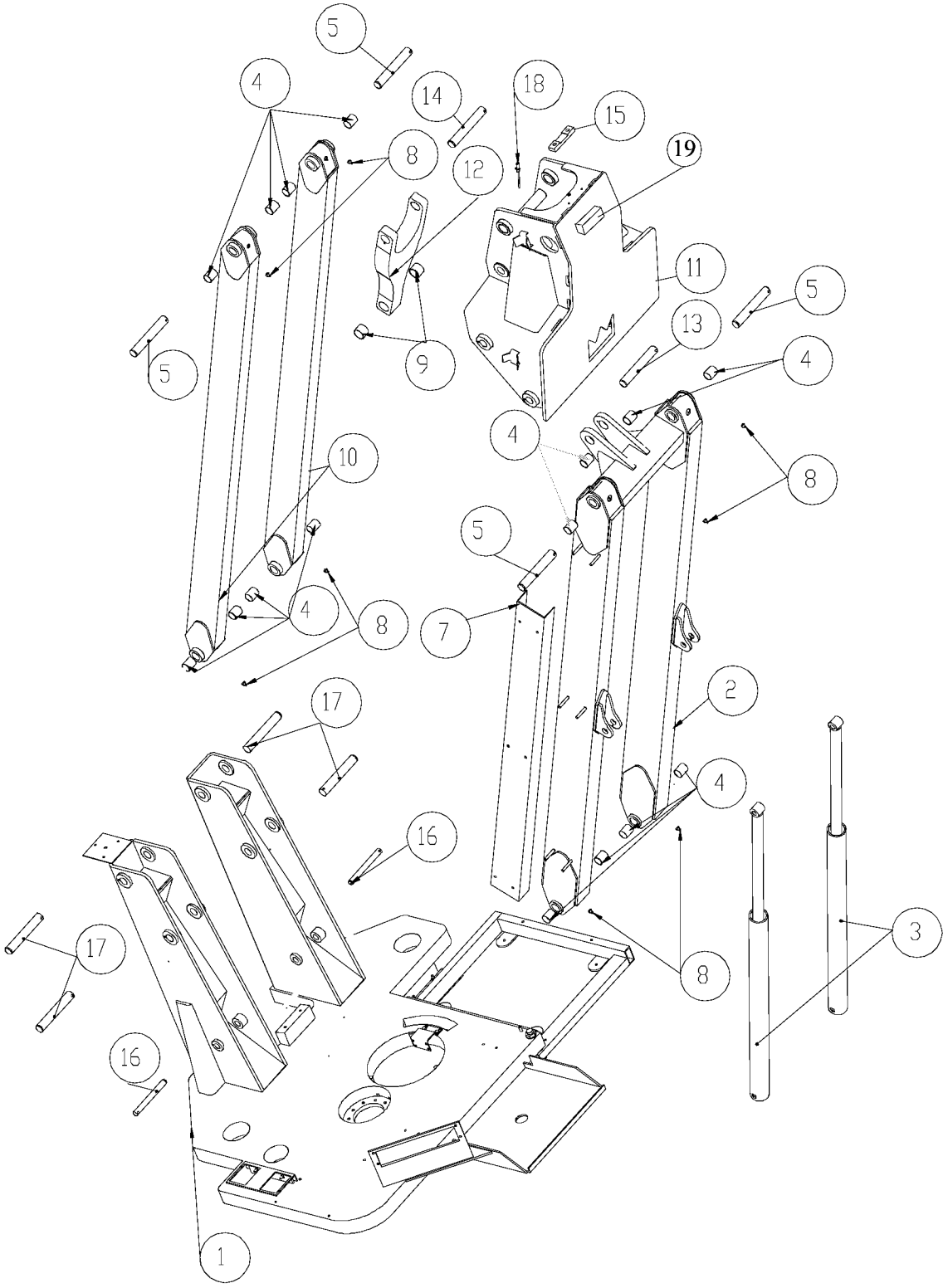
5-23 SLAVE CYLINDER - P/N: 21002-0089

5-24 ROTARY ACTUATOR

5-25 USA PLATFORM WIRING

PLATFORM ASSEMBLY

LOWER BOOM ASSEMBLY



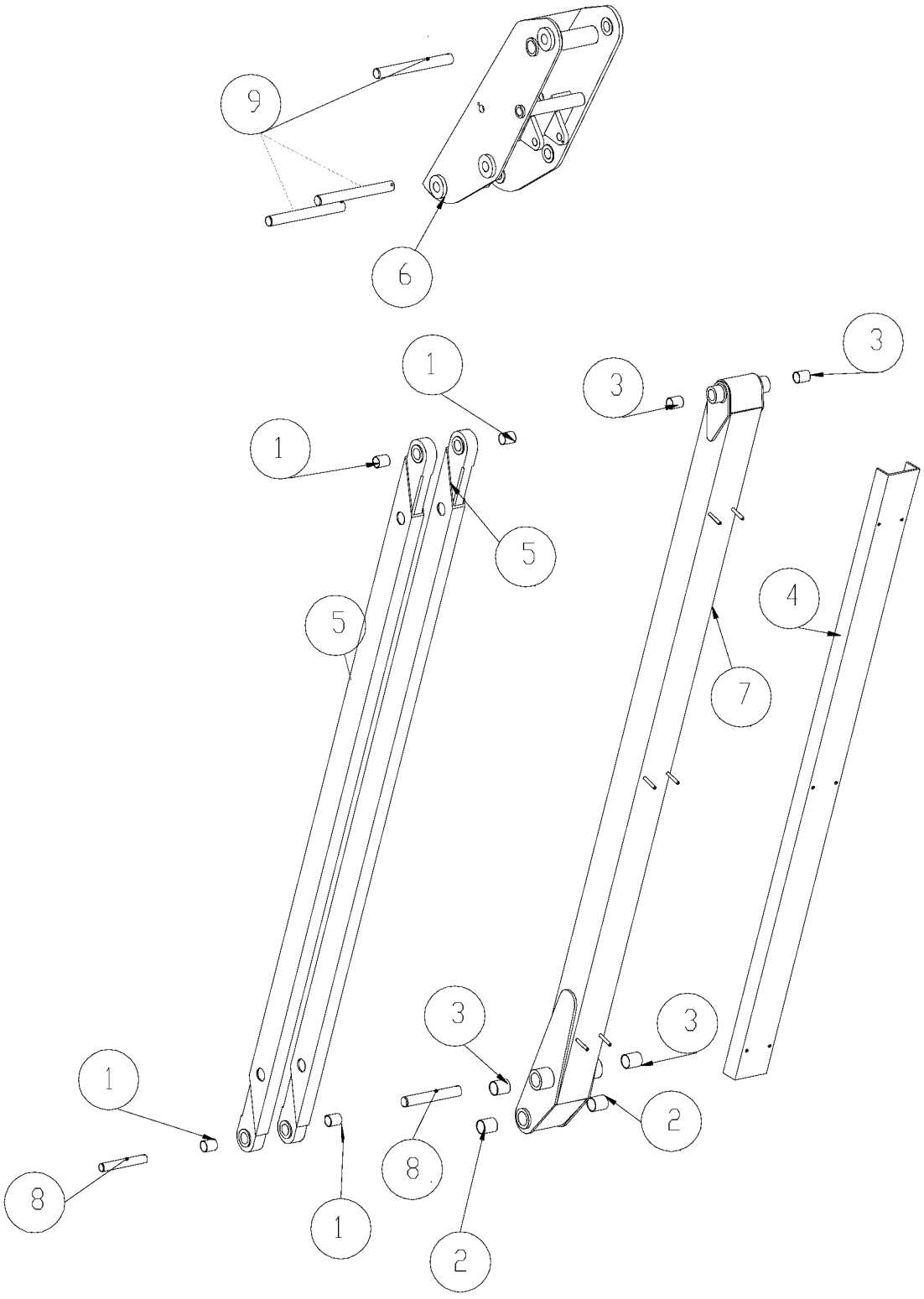
PLATFORM ASSEMBLY

LOWER BOOM ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	13011-0104	PLINTH	1	See Page 4-1
2	23015-0154	LOWER BOOM	1	
3	21002-0139	1st LIFT CYLINDER	2	See Page 5-3
4	44031-0061	40 x 50 DX BEARING BUSH	16	
5	44021-0706	PIN LOWER BOOM / 1st POST	4	
6	44021-0710	PIN 1st LIFT CYLINDER ROD END	2	
7	33020-0107	COVER LOWER BOOM	1	
8	44051-0001	GREASE NIPPLE	8	
9	44021-0064	50 x 40 DU BEARING BUSH	2	
10	23020-0053	LOWER TIE RAILS	2	
11	13006-0008	1st POST	1	
12	43020-0037	TIE LINK	1	
13	44021-0700	TIE LINK LOWER PIN	1	
14	44021-0699	TIE LINK UPPER PIN	1	
	44021-0689	RETENTION BUCK PIN	1	Up to Serial No: 16981
	44021-0711	RETENTION BUCK PIN	1	From Serial No: 16982
15	MS143	BOOM REST PAD	1	
16	44021-0701	PIN 1st LIFT CYLINDER BARREL	2	
17	44021-0702	PIN LOWER BOOM	4	
18	42002-0377	PROXIMITY SWITCH	1	Up to Serial No: 16990
19	42002-0231	BOOM REST SWITCH	1	From Serial No: 17048
	44021-0678	RETENTION PIN	12	
	44002-0036	M8 x 20 HEX HEAD BOLT	12	
	42012-0124	BOOM ELECTRICAL HARNESS	1	Up to Serial No: 16990
	42012-0424	BOOM ELECTRICAL HARNESS	1	From Serial No: 17048

PLATFORM ASSEMBLY

MIDDLE BOOM ASSEMBLY



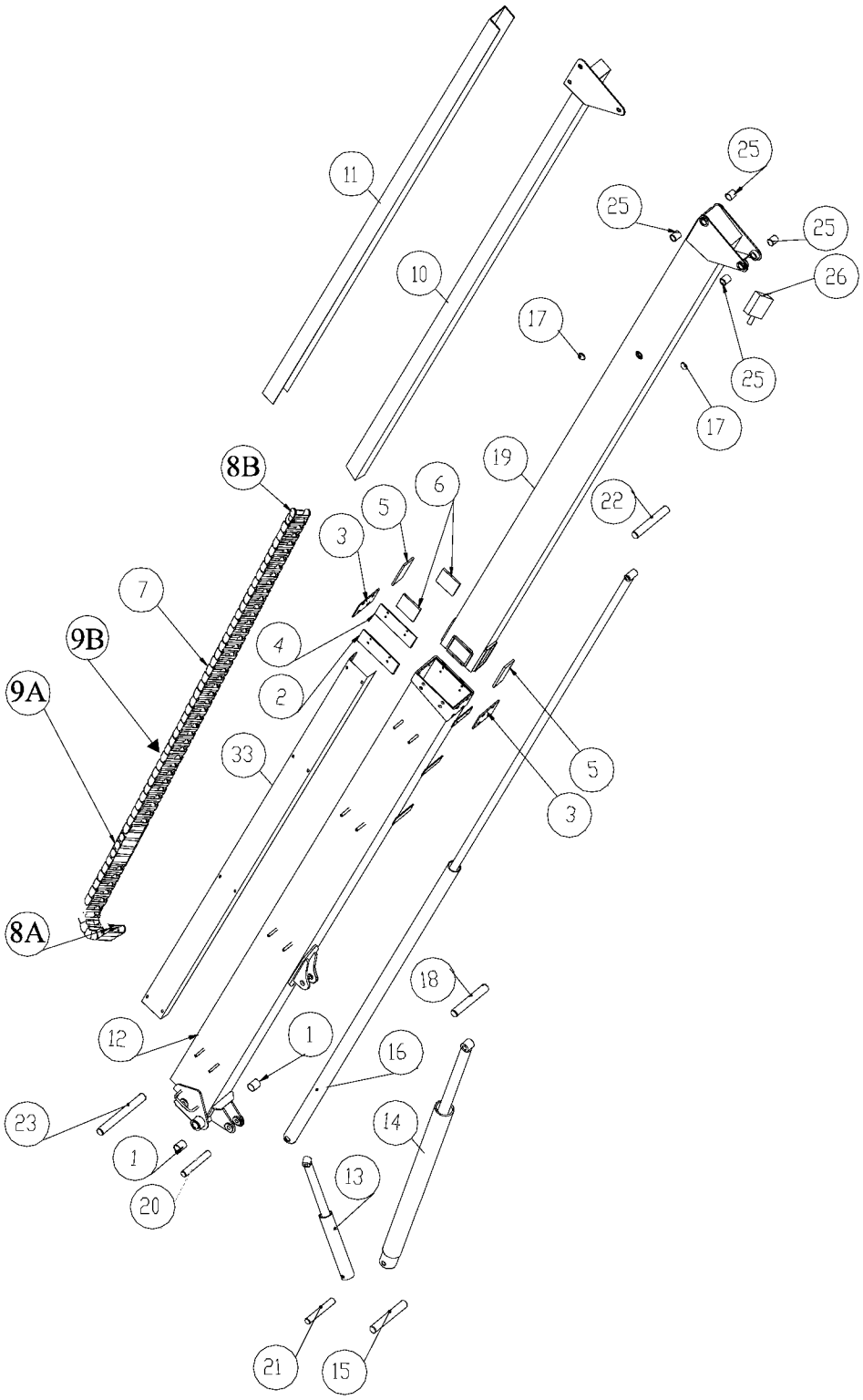
PLATFORM ASSEMBLY

MIDDLE BOOM ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	44031-0056	40 x 30 DU BEARING	8	
2	44031-0063	50 x 60 DX BEARING	2	
3	44031-0061	40 x 50 DX BEARING	4	
4	33020-0107	MIDDLE BOOM COVER	1	
5	23015-0157	MIDDLE TIE RAIL	2	
6	13006-0010	2nd POST	1	
7	23015-0156	MIDDLE BOOM	1	
8	44021-0707	PIN MIDDLE BOOM / 1st POST	1	
9	44021-0678	PIN MIDDLE BOOM PIVOTS / 2nd POST	3	

PLATFORM ASSEMBLY

TELE-BOOM ASSEMBLY



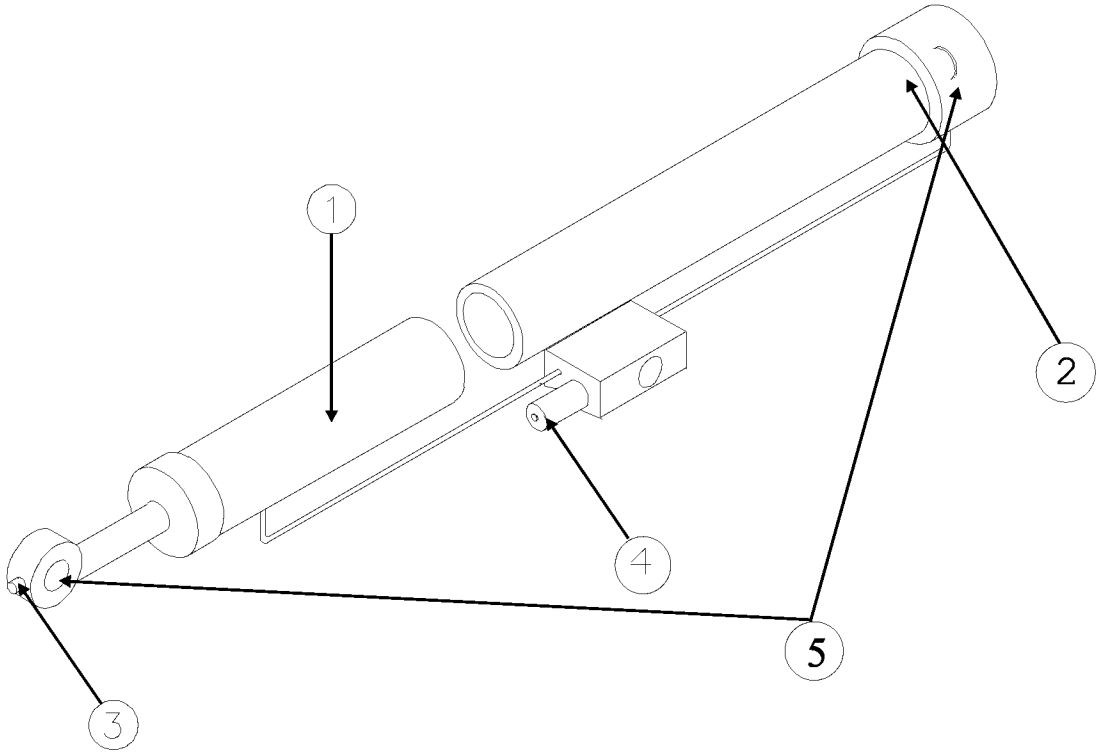
PLATFORM ASSEMBLY

TELE-BOOM ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	44031-0061	40 x 50 DX BEARING	2	
2	44016-0125	WEAR PAD TOP (FRONT END)	1	
3	44016-0126	WEAR PAD SIDE (FRONT END)	2	
4	44016-0127	WEAR PAD BOTTOM (FRONT END)	1	
	44002-0037	M8 x 25 CSK M/C SCREW	16	
5	MS530	TELE BOOM WEAR PAD TOP / BOTTOM	2	
6	MS531	TELE BOOM WEAR PAD SIDE	2	
7	44029-0182	ENERGY CHAIN	1	
8A	44029-0187	2610.1 PZ END (FEMALE)	1	
8B	44029-0214	2610.2 PZ END (MALE)	1	
9A	44029-0186	2710.100 LINKS	41	
9B	44029-0188	275.100 CLIPS	41	
10	33020-0104	CABLE TRAY	1	
11	33020-0105	CABLE TRAY COVER	1	
12	23015-0152	OUTER TELE-BOOM	1	
13	21002-0147	MASTER LEVELING CYLINDER	1	See Page 5-10
14	21002-0140	2nd LIFT CYLINDER	1	Up to Serial No: 16595 See Page 5-8
	21002-0154	2nd LIFT CYLINDER	1	From Serial No: 16596 See Page 5-9
15	44021-0712	PIN 2nd LIFT CYLINDER BARREL END	1	
16	21002-0141	TELESCOPIC CYLINDER	1	See Page 5-11
17	44019-0035	19 I/D EXTERNAL CIRCLIP	2	
18	44021-0710	PIN 2nd LIFT CYLINDER ROD END	1	
19	23015-0153	INNER TELE-BOOM	1	
20	LS130	PIN MASTER CYLINDER ROD END	1	
21	LS126	PIN MASTER CYLINDER BARREL END	1	
22	44021-0705	PIN TELE-CYLINDER ROD END	1	
23	44021-0704	PIN TELE-CYLINDER BARREL END	1	
24	49002-0123	TELE-BOOM COVER	1	
25	44031-0032	30 x 30 DU BEARING	4	
	44051-0001	GREASE NIPPLE	4	
	44021-0678	RETENTION PIN	10	
	44002-0036	M8 x 20 HEX HEAD BOLT	10	
	49003-1618	OUTER TELE-BOOM END COVER	1	
26	42002-0417	TELE CUTOUT SWITCH	1	
1	44016-0145	TELE CUTOUT SWITCH MOUNTING PAD	1	

PLATFORM ASSEMBLY

1st LIFT CYLINDER - P/N: 21002-0139

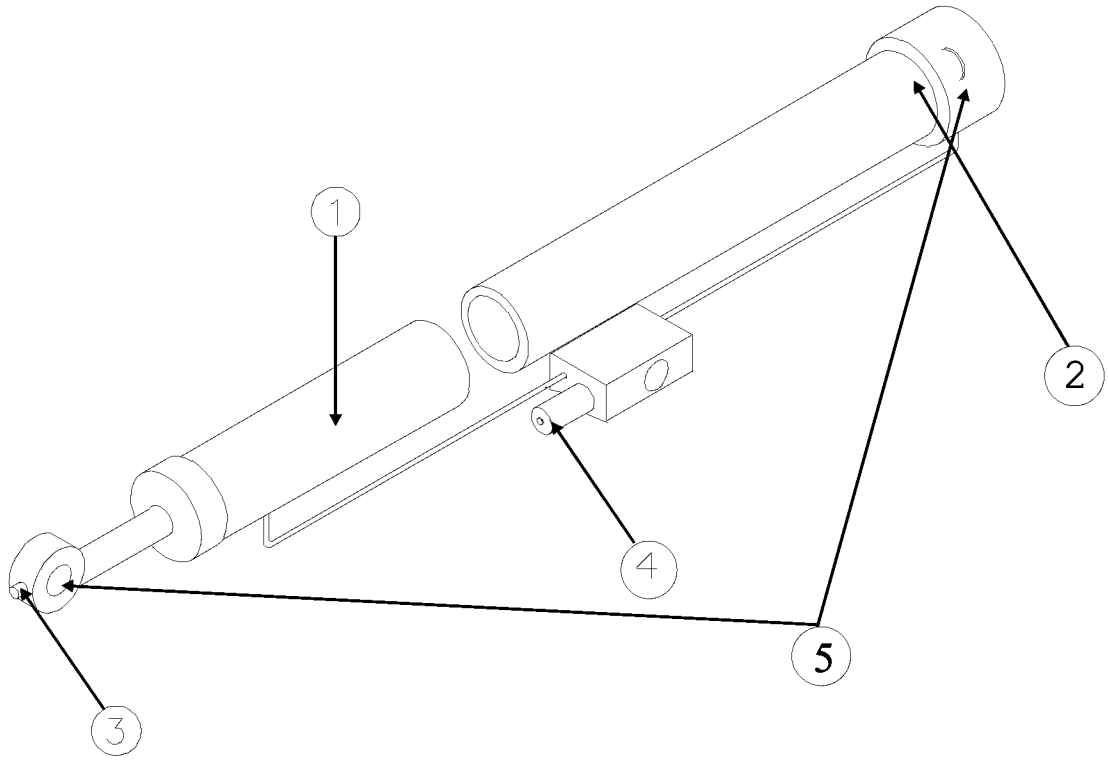


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0139	LIFT CYLINDER	1	
2	41034-0157	SEAL KIT	1	
3	44029-0022	GREASE NIPPLE	2	
4	41031-0018	COUNTER BALANCE CARTRIDGE	1	
5	44031-0070	BUSHINGS 30 x 25	4	

PLATFORM ASSEMBLY

2nd LIFT CYLINDER - P/N: 21002-0140

Up To Serial No: 16595

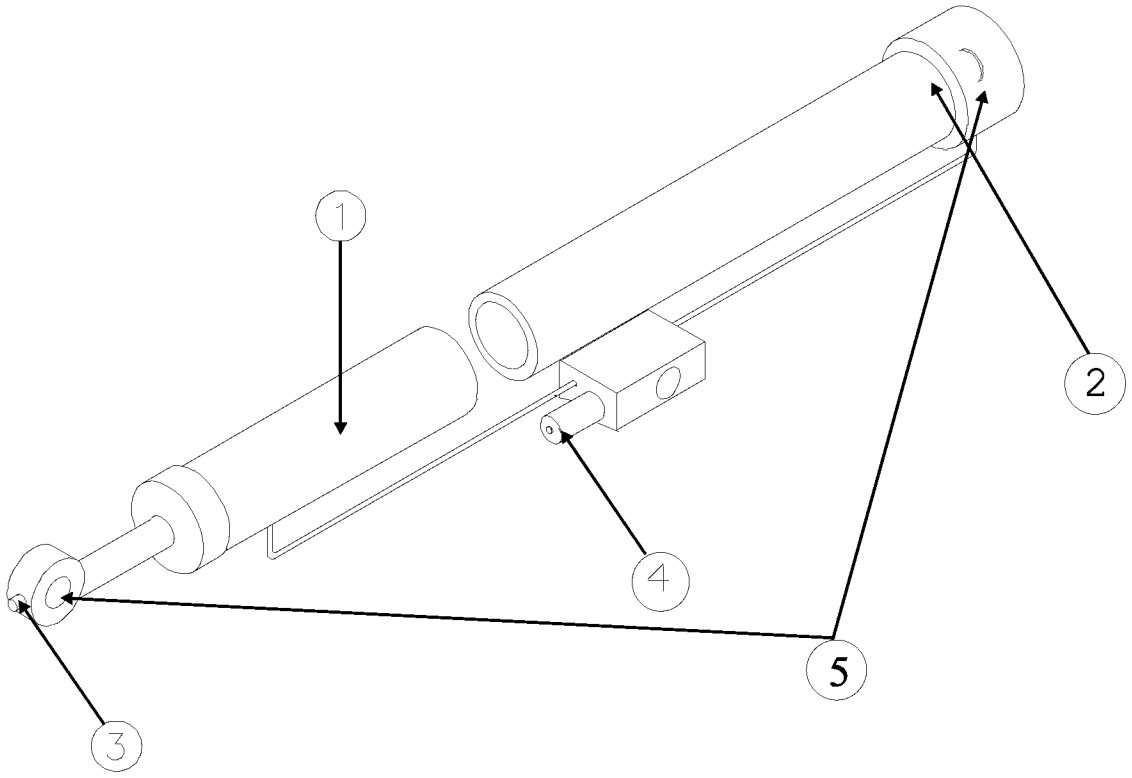


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0140	LIFT CYLINDER	1	Up To Serial No: 16595
2	41034-0157	SEAL KIT	1	
3	44029-0022	GREASE NIPPLES	2	
4	41031-0018	COUNTER BALANCE CARTRIDGE	1	
5	44031-0070	BUSHING 30 x 25	4	

PLATFORM ASSEMBLY

2nd LIFT CYLINDER - P/N: 21002-0154

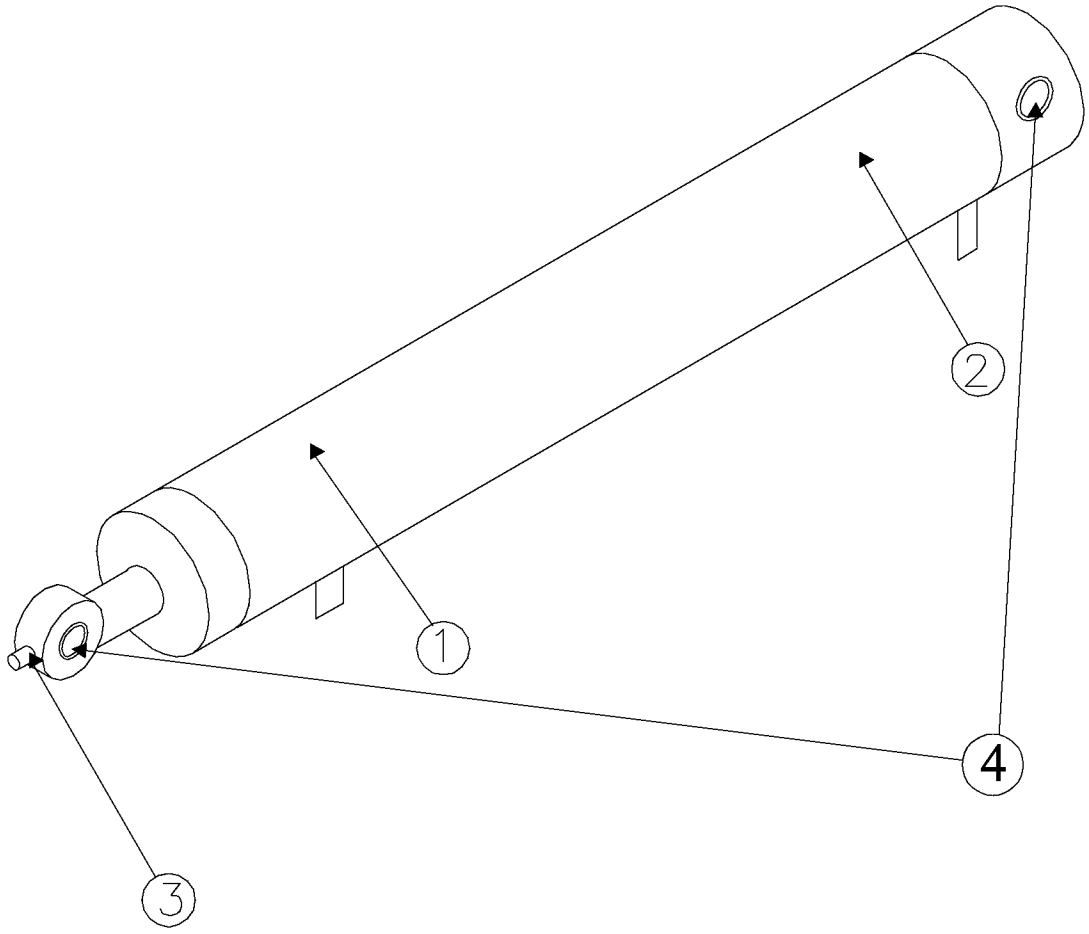
From Serial No: 16596



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0154	LIFT CYLINDER	1	From Serial No: 16596
2	41034-0161	SEAL KIT	1	
3	44029-0022	GREASE NIPPLES	2	
4	41031-0018	COUNTER BALANCE CARTRIDGE	1	
5	44031-0070	BUSHING 30 x 25	4	

PLATFORM ASSEMBLY

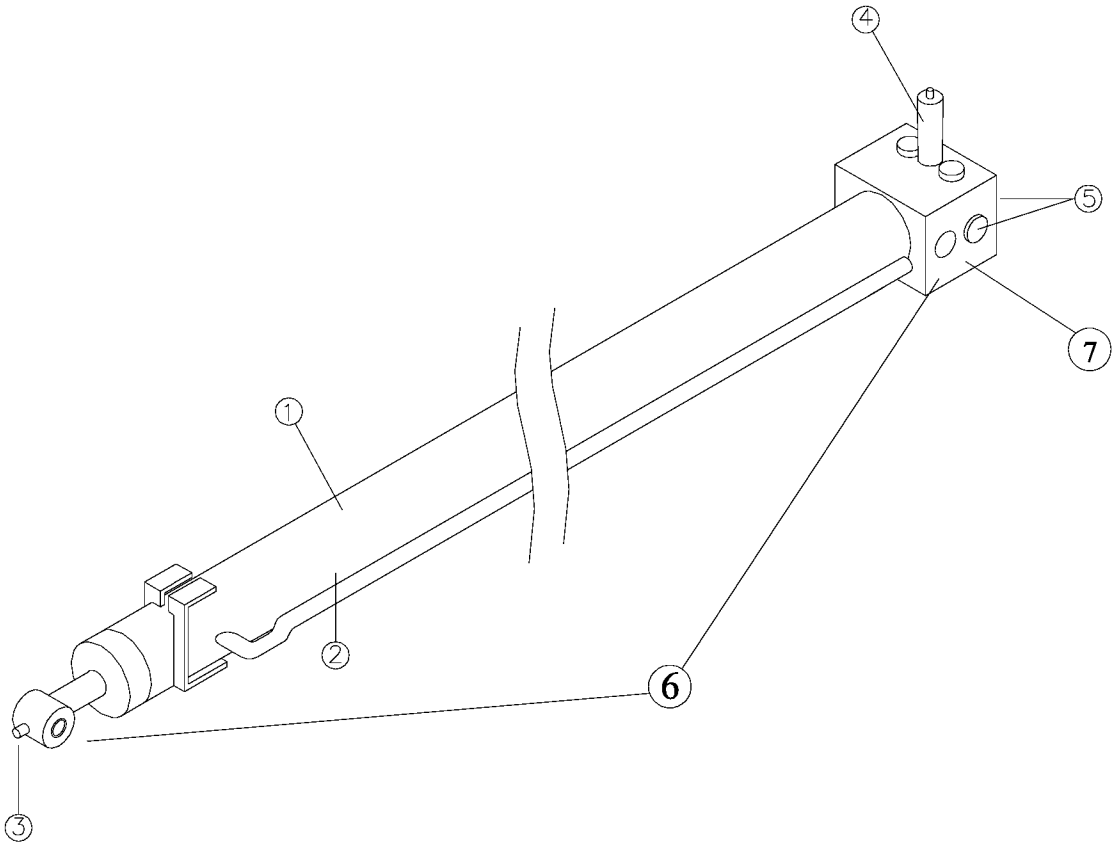
MASTER CYLINDER - P/N: 21002-0147



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0147	MASTER CYLINDER	1	
2	41034-0090	SEAL KIT	1	
3	44029-0022	GREASE NIPPLE	2	
4	44031-0046	BEARING BUSHES 20 x 15	4	

PLATFORM ASSEMBLY

TELESCOPIC CYLINDER - P/N: 21002-0141



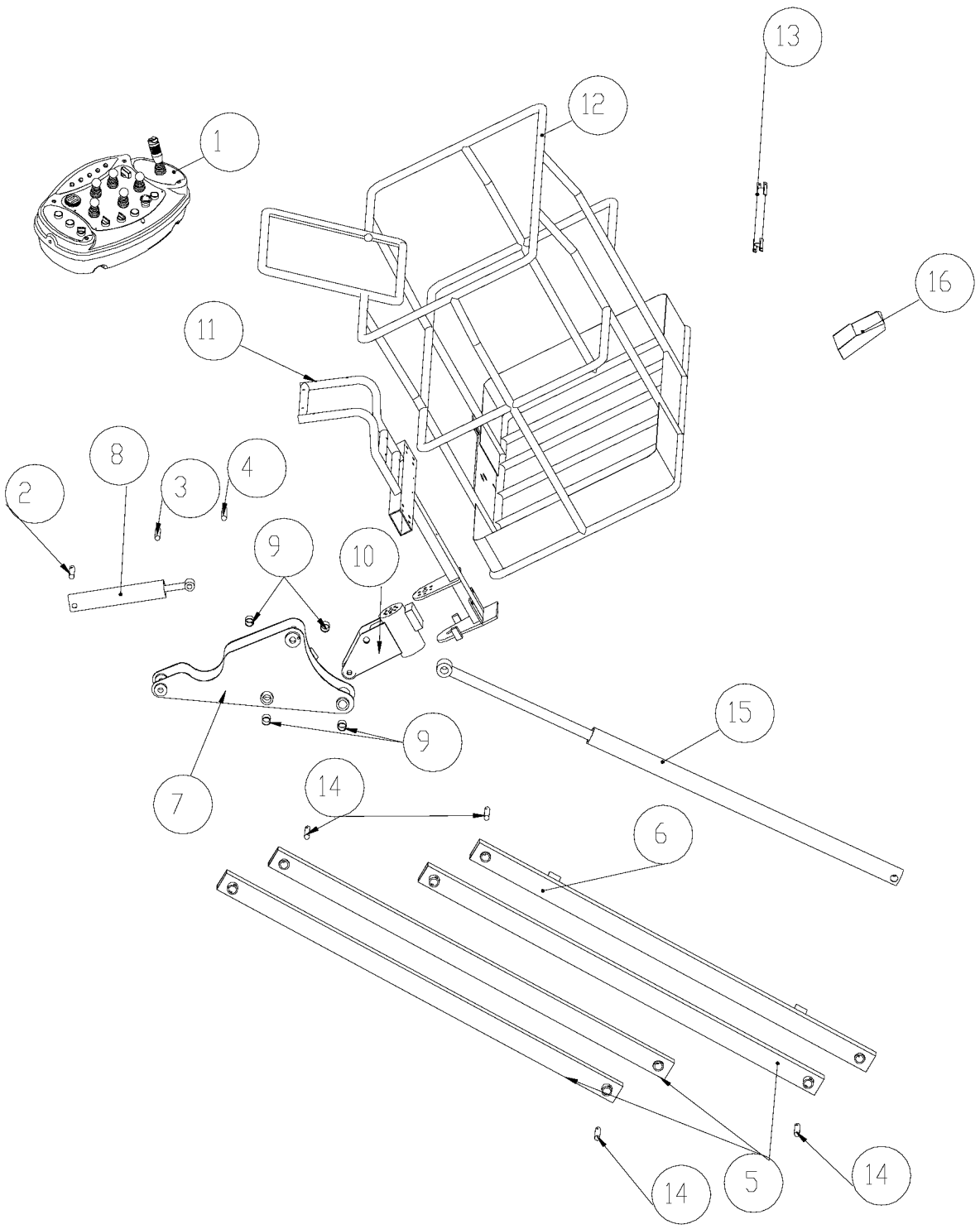
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0141	TELESCOPIC CYLINDER	1	
2	41034-0156	SEAL KIT	1	
3	44029-0022	GREASE NIPPLE	2	
4	41006-0041	RELIEF VALVE	2	
5	41009-0032	PO CHECK VALVE	2	
6		BUSHINGS		
7	41019-0090	SHUTTLE	1	

PLATFORM ASSEMBLY

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PLATFORM ASSEMBLY

CAGE / JIB ASSEMBLY



PLATFORM ASSEMBLY

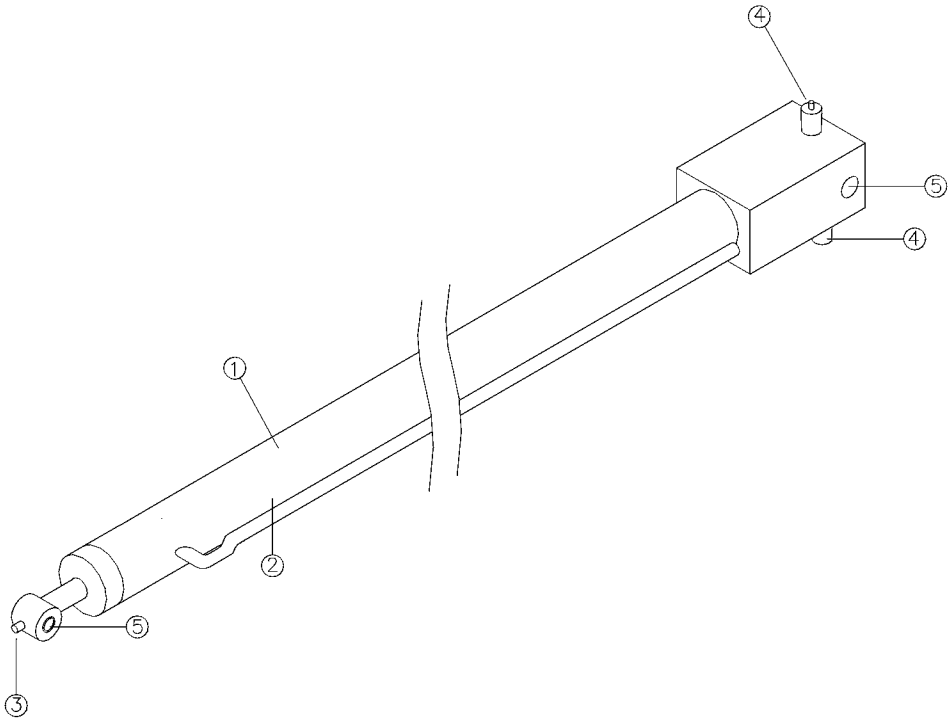
CAGE / JIB ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42020-0037	CONTROL BOX COMPLETE	1	See page 5-17
	45236-0004	UPPER CONTROL BOX ROTATING LID	1	See Page 5-18
	42020-0040	UPPER CONTROL BOX BASE	1	See Page 5-18
	42020-0045	UPPER CONTROL BOX TOP	1	See Page 5-18
2	44021-0675	PIN, SLAVE CYLINDER BARREL	1	
3	44021-0688	PIN, ACTUATOR PIVOT	1	
4	44021-0676	PIN, SLAVE CYLINDER ROD	1	
5	33015-0064	JIB BOOM	3	
6	33015-0065	JIB BOOM WITH CABLE SUPPORTS	1	
7	33020-0099	BOOMERANG ASSEMBLY	1	
8	21002-0089	SLAVE LEVELLING CYLINDER	1	See Page 5-22
9	44031-0032	BEARING	4	
10	21041-0002	ROTARY ACTUATOR 4.2 K	1	Up to Serial No: 16521 - Page 5-23
	21041-0003	ROTARY ACTUATOR 8.2 K	1	From Serial No: 16522 - Page 5-23
11	13017-0082	CRADLE	1	Up To Serial No: 16521
	13017-0087	CRADLE	1	From Serial No: 16522
12	13016-0087	CAGE STANDARD	1	
13	33014-0075	DROP BAR COMPLETE	1	
14	44021-0692	PIN, JIB PIVOT	4	
15	21002-0142	JIB CYLINDER	1	Up To Serial No: 16595 - Page 5-15
	21002-0155	JIB CYLINDER	1	From Serial No: 16596 - Page 5-16
16	42002-0322	FOOT SWITCH	1	
	42002-0335	FOOT SWITCH CONTACT	1	

PLATFORM ASSEMBLY

JIB CYLINDER - P/N: 21002-0142

Up To Serial No: 16595

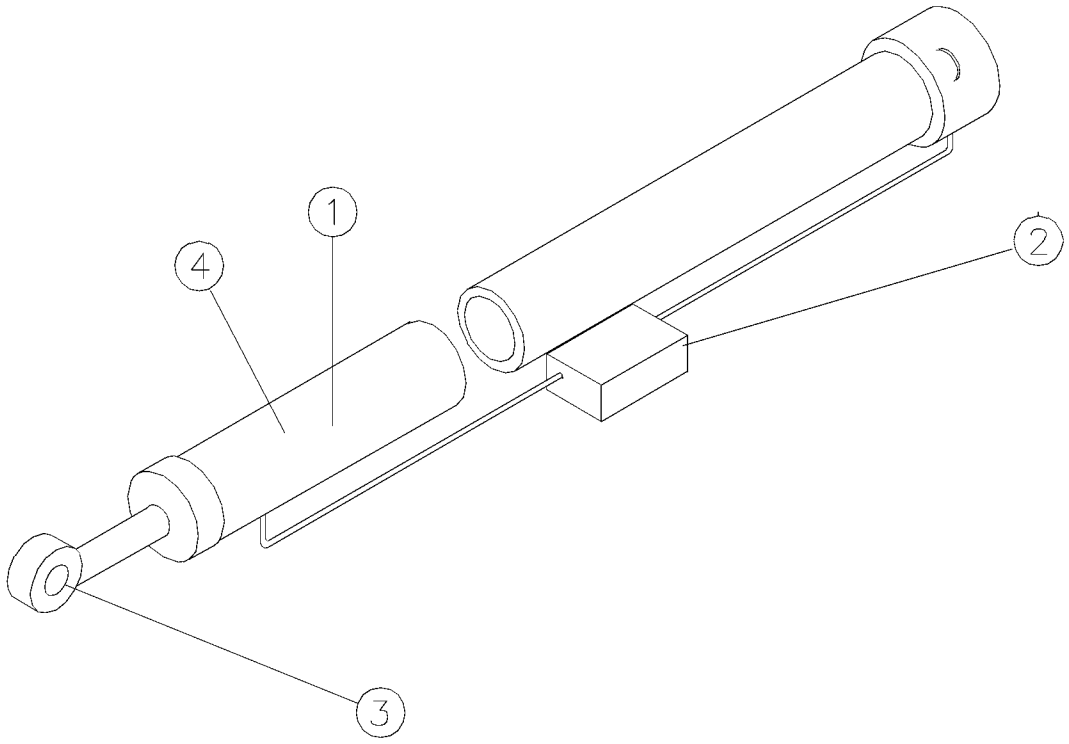


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0142	JIB CYLINDER	1	Up To Serial No: 16595
2	41034-0155	SEAL KIT	1	
3	44029-0022	GREASE NIPPLES	2	
4	41031-0009	COUNTER BALANCE VALVE	2	
5	41031-0032	30 x 30 BUSHINGS	4	

PLATFORM ASSEMBLY

JIB CYLINDER - P/N: 21002-0155

From Serial No: 16596

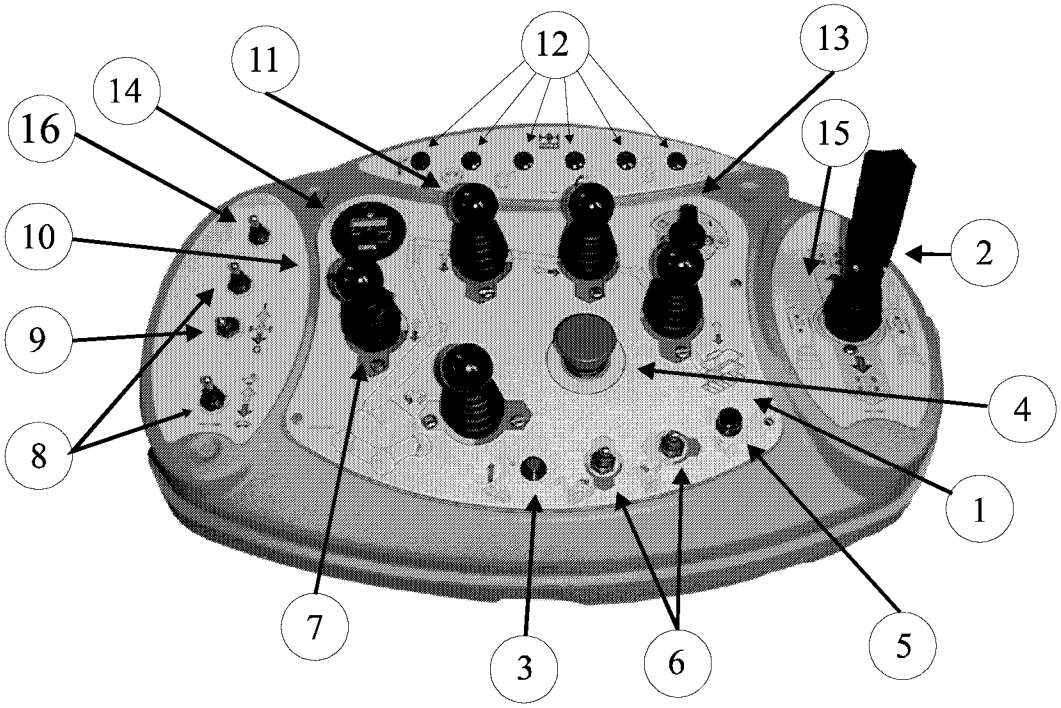


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0155	JIB CYLINDER	1	From Serial No: 16596
2	41031-0015	COUNTER BALANCE VALVE	1	
3	44031-0032	BUSHING 30 x 30	4	
4	41034-0162	SEAL KIT	1	

PLATFORM ASSEMBLY

UPPER CONTROL BOX - P/N: 42020-0037

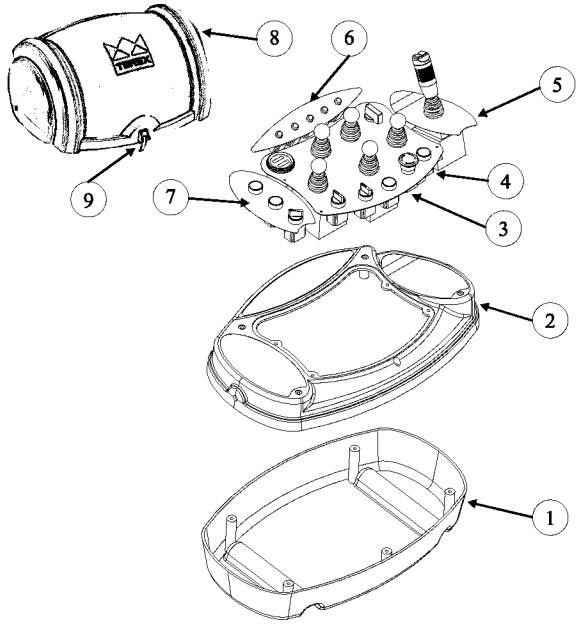
For Components Inside Box, See Page 5-19



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	47011-0583	MAIN DECAL TOP BOX	1	
2	32019-0011	DRIVE JOYSTICK	1	See Page 5-21
3	42002-0386	FAST UP BUTTON	1	
4	42002-0342	EMERGENCY STOP	1	
	42002-0343	CONTACT E-STOP	1	
5	42002-0347	HORN BUTTON	1	
6	42002-0346	TOGGLE SWITCH 2-WAY MOMENTARY	2	
7	32019-0021	BOOM JOYSTICK	5	See Page 5-20
8	42002-0345	TOGGLE 2 POSITION LATCHED	1	
		TOGGLE 2 POSITION LATCHED	2	Bi-Fuel (Option)
9	42002-0347	TOGGLE 1-WAY MOMENTARY	1	
10	47011-0589	LEFT SIDE DECAL	1	
11	47011-0590	TOP DECAL	1	
12	42010-0571	RED WARNING LIGHTS	6	
13	42002-0344	ENGINE ON / OFF / EMERGENCY PUMP	1	
14	42025-0004	FUEL / HOUR METER	1	
15	47011-0591	RIGHT SIDE DECAL		
	F005372	EMPTY UPPER CONTROL BOX WITH LID	1	See Page 5-18 for breakdown
16	42002-0361	TOGGLE 3 POSITION LATCHED	1	4-Wheel Steer (Option)

PLATFORM ASSEMBLY

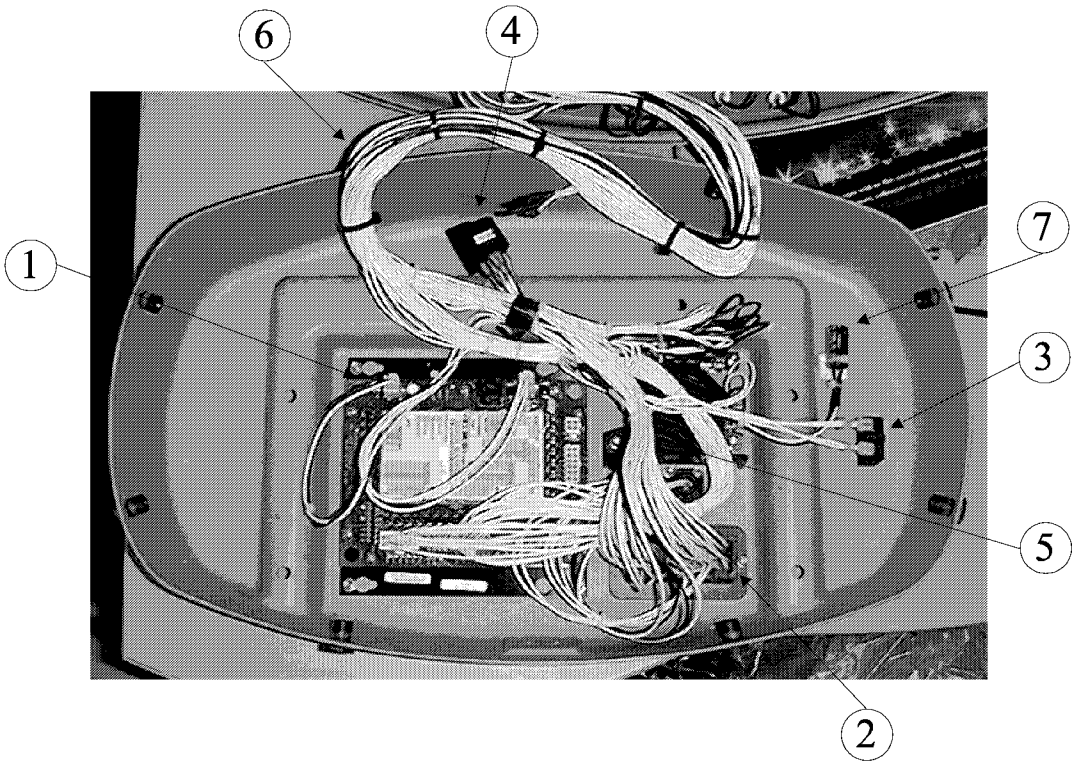
UPPER CONTROL BOX ENCLOSURE - P/N: F005372



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42020-0040	CONTROL BOX BASE	1	
	44032-0380	RUBBER SEAL BASE TO LID	1	
2	42020-0045	CONTROL BOX TOP	1	
	44053-0001	GASKET PANEL SEAL	1	
	44004-0150	M6 x 25 SS DOME SOCKET SCREW	18	
	44019-0107	M6 WELL-NUT	21	
3	49002-0126	SWITCH PLATE	1	
4	47011-0583	FRONT DECAL	1	
5	47011-0591	RIGHT DECAL	1	
6	47011-0590	TOP DECAL	1	
7	47011-0589	LEFT DECAL	1	
8	45236-0004	SWIVEL LID	1	
	44004-0151	M8 SHOULDER BOLT	2	
	44013-0007	M8 FLAT WASHER	2	
	44019-0106	M12 BRASS INSERT	2	
	44008-0002	M12 NYLOK NUT	2	
	44013-0009	M12 FLAT WASHER	2	
	44016-0151	PLASTIC SPACER	2	
9	44019-0105	DRAW LATCH	1	
	49002-0137	LATCH KEEPER	1	
	44018-0002	M4 RIVETS	4	
	44002-0018	M6 x 40 HEX HEAD	3	To secure box to cradle
	44013-0006	M6 FLAT WASHER	3	To secure box to cradle
	44013-0025	M6 SPRING WASHER	3	To secure box to cradle

PLATFORM ASSEMBLY

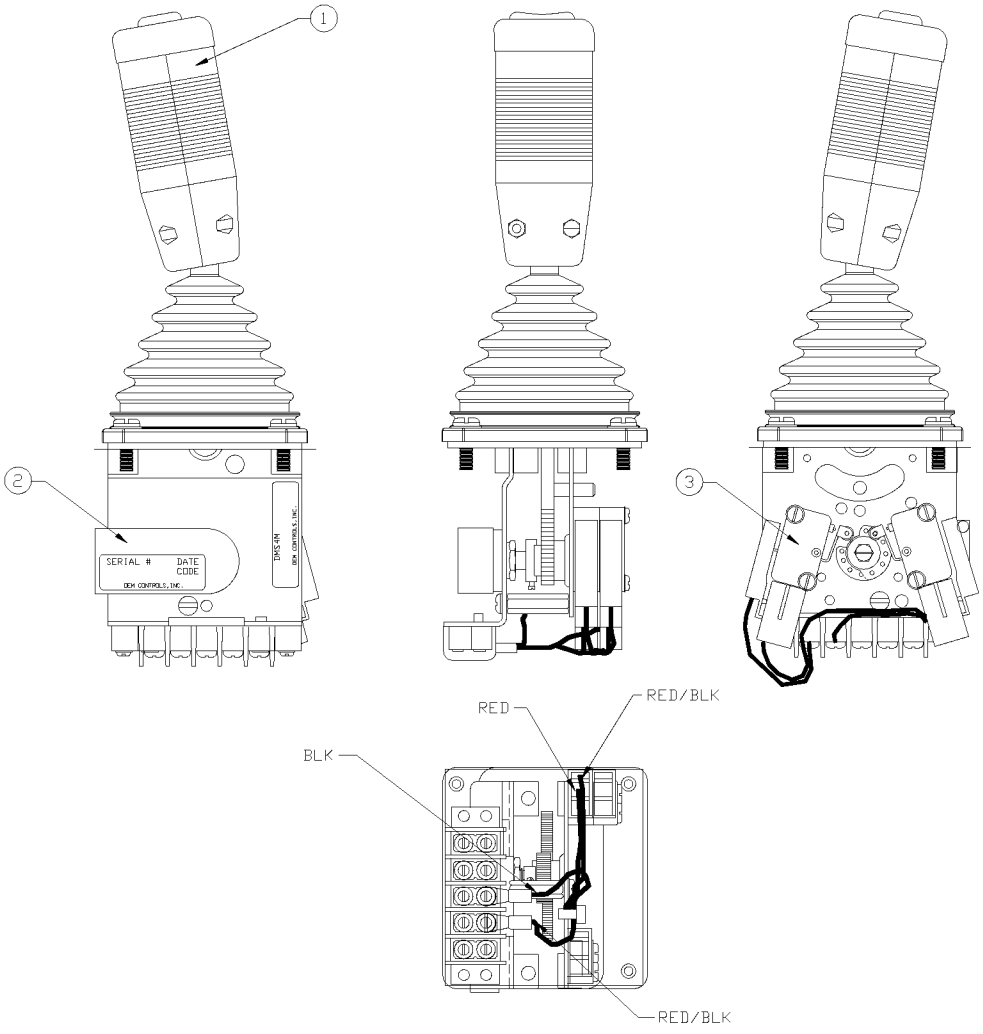
UPPER CONTROL BOX INSIDE - P/N: 42020-0037



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42014-0171	TRANSMITTER CARD DMT30	1	Up To Serial No: 17167
	42014-0460	TRANSMITTER CARD SB10	1	From Serial No: 17168
2	42004-0005	CONNECTOR	1	
3	42015-0131	CIRCUIT BREAKER	1	
4	42015-0133	RELAY	1	
5	42015-0149	BUZZER	1	
6	42013-0432	UPPER CONTROL HARNESS	1	
7	42013-0386	CAPACITOR	1	

PLATFORM ASSEMBLY

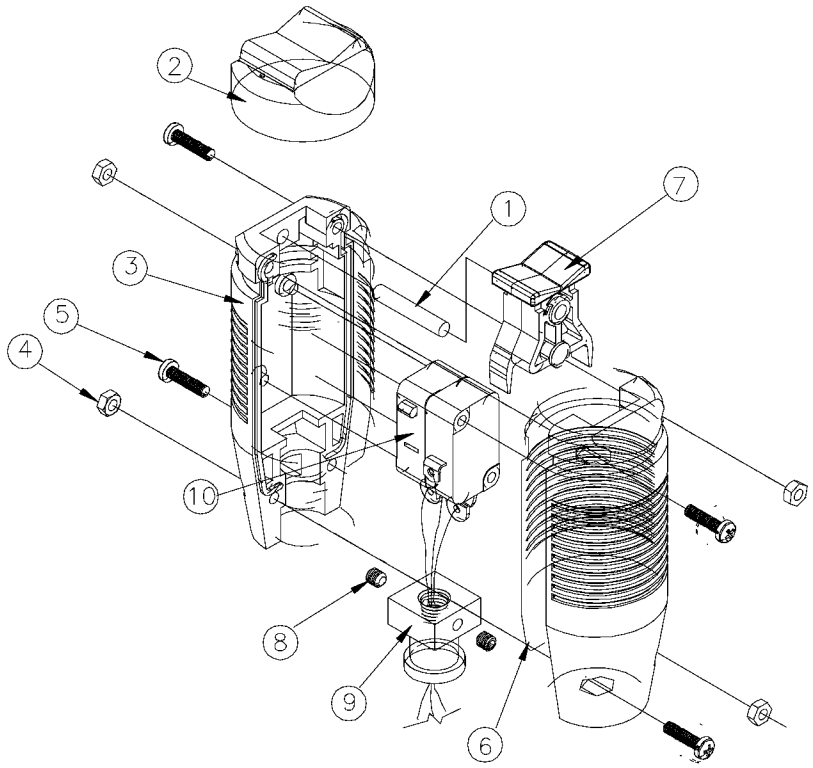
DRIVE JOYSTICK - P/N: 32019-0011

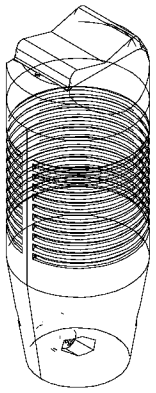


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42002-0358	RG1 HANDLE	1	See Page 5-22
2	42002-0354	DIGI-SENSOR	1	
3	42002-0353	MICROSWITCH	3	

PLATFORM ASSEMBLY

RG1 HANDLE - P/N: 42002-0358

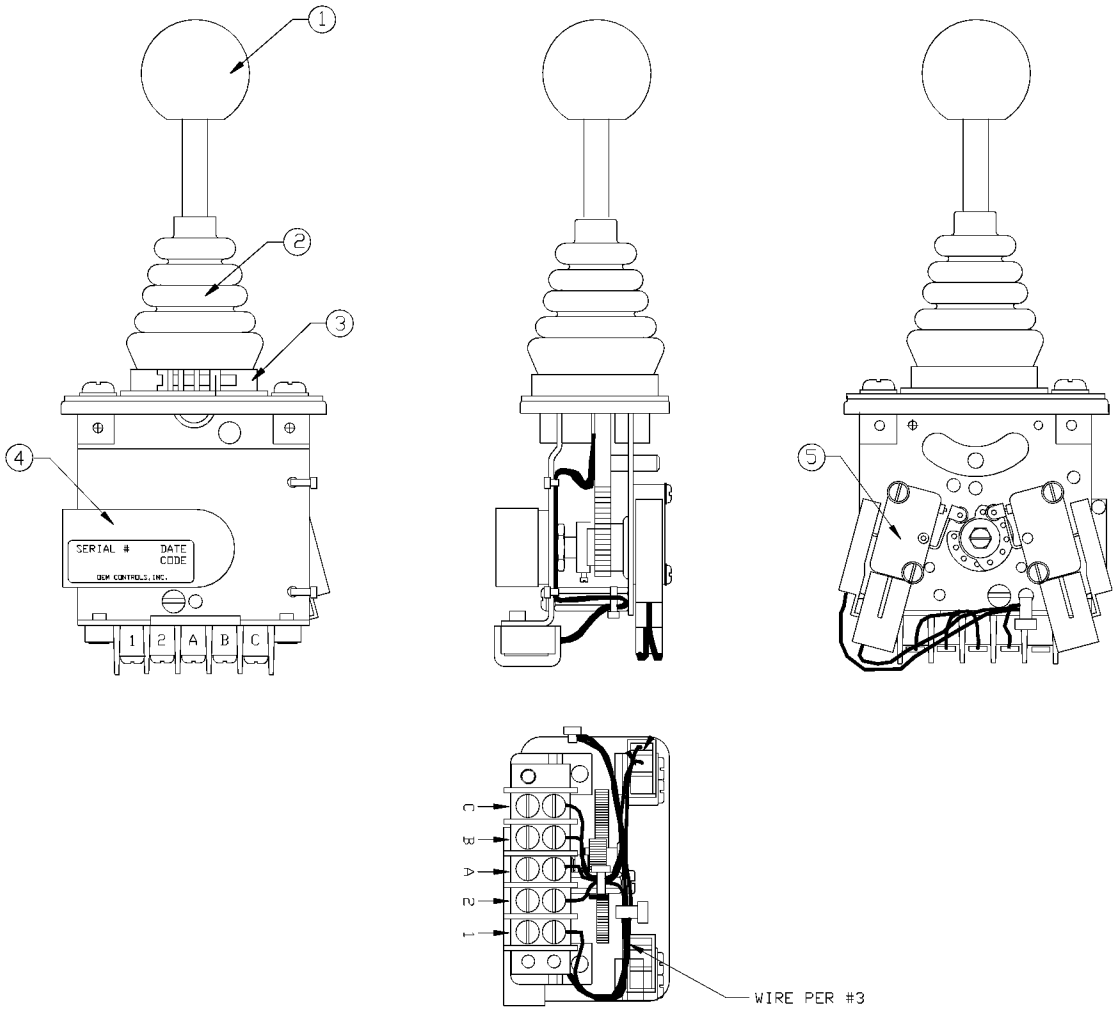




ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42002-0379	ROCKER AXLE	1	
2	42002-0380	BOOT	1	
3	42002-0381	HANDLE W/O GASKET	2	
4	44002-0382	NUT	4	
5	42002-0383	SCREW	4	
6	42002-0384	GASKET 3" LONG	2	
7	42002-0385	ROCKER	1	
8	42002-0420	SET SCREW	2	
9	42002-0421	COUPLING	1	
10	42013-0457	SWITCH / WIRE SUB ASSEMBLY	1	

PLATFORM ASSEMBLY

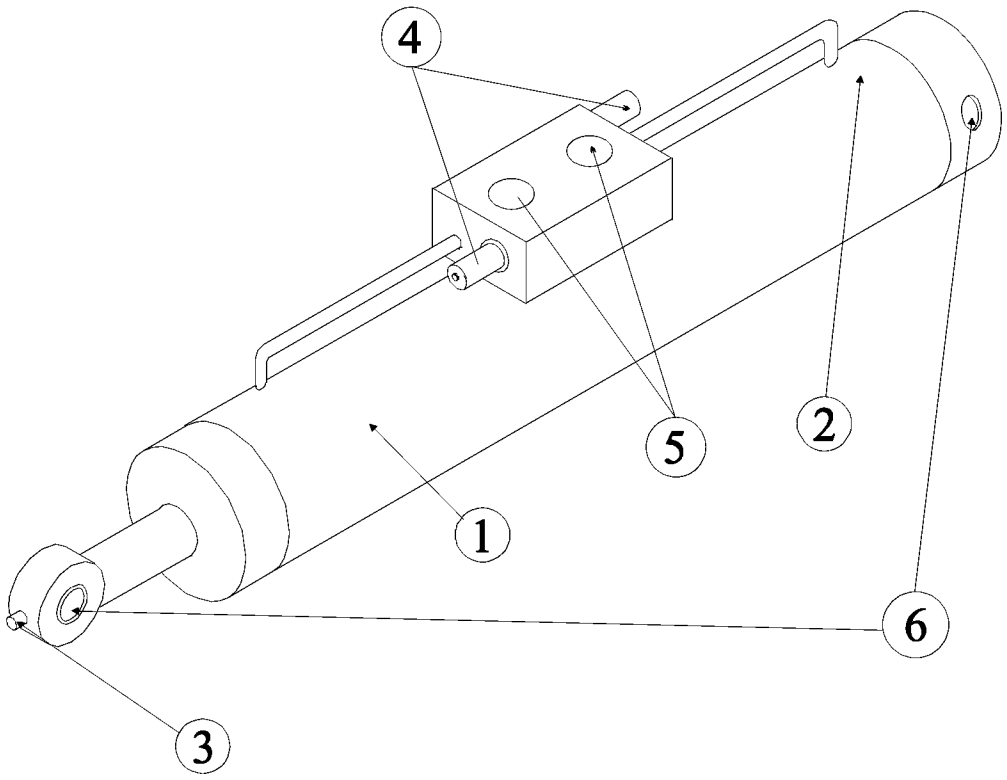
BOOM JOYSTICK P/N: 32019-0021



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42002-0356	ROUND BALL HANDLE	1	
2	42002-0355	BOOT	1	
3	42002-0357	BOOT CLAMP	1	
4	42002-0354	DIGI-SENSOR HOOK-UP	2	
5	42002-0353	MICROSWITCH		

PLATFORM ASSEMBLY

SLAVE CYLINDER - P/N: 21002-0089

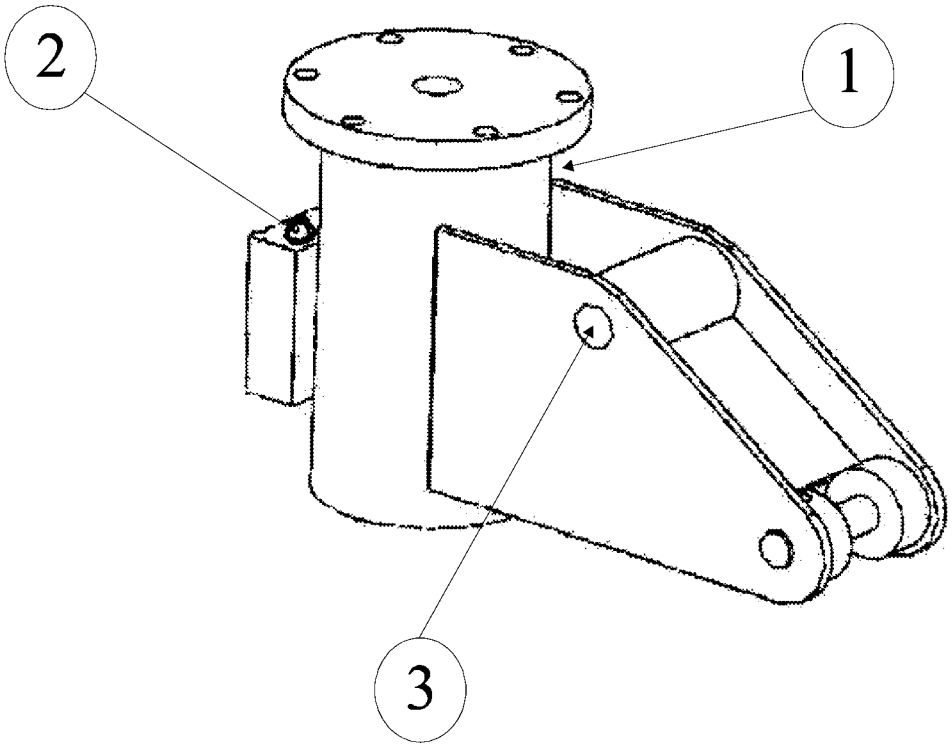


ITEM	PART NO.	DESCRIPTION	QTY	REMARKS
1	21002-0089	SLAVE CYLINDER	1	
2	41034-0090	SEAL KIT	1	Inside Cylinder
3	44029-0022	GREASE NIPPLE	2	
4	41031-0009	COUNTER BALANCE CARTRIDGE	2	
5	41006-0036	RELIEF VALVES	2	
6	44031-0046	BEARING BUSHES 20 x 15 LONG	4	

PLATFORM ASSEMBLY

ROTARY ACTUATOR

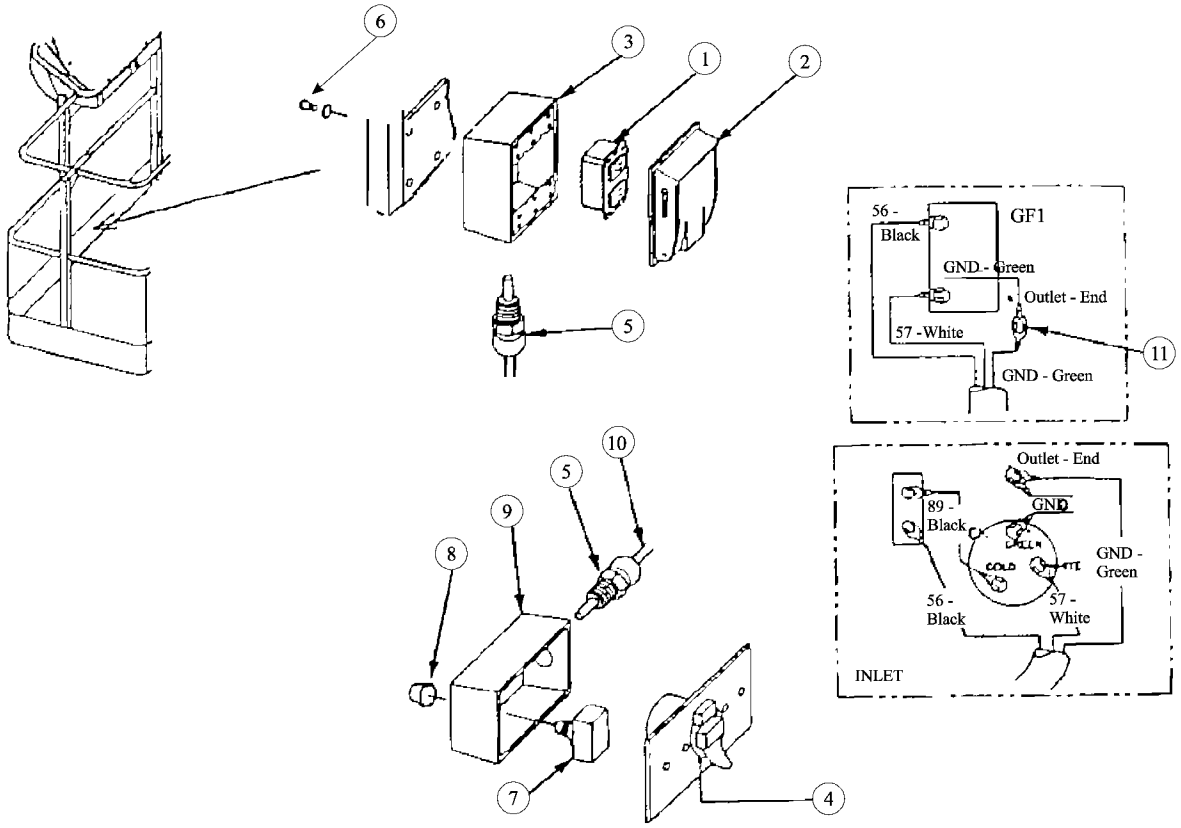
P/No. 21041-0002 - Up To Serial No: 16521
P/No. 21041-0003 - From Serial No: 16522



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21041-0002	ROTARY ACTUATOR	1	Up To Serial No: 16521
	21041-0003	ROTARY ACTUATOR	1	From Serial No: 16522
2	41031-0017	COUNTER BALANCE CARTRIDGE	2	
3	44031-0041	BUSHING 25 x 30	2	

PLATFORM ASSEMBLY

USA PLATFORM WIRING - P/N: 212162-1



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	MK70391	RECEPTACLE GF1	1	
2	MK70392	COVER RECEPTACLE	1	
3	MK70262	BOX	1	
4	MK70119	INLET WITH GASKET	1	
5	MK2806	STRAIN RELIEF	2	
6	MK61720	SCREW NO.10-24 X 5/8 SEFT TAPPING	8	
7	MK441-4026	CIRCUIT BEAKER 20A	1	
8	MK442-2399	BOOT	1	
9	MK212133	OUTLET BOX	1	
10	42012-0064	CABLE	1	25 METRE
11	MK117-C	TERMINAL	11	