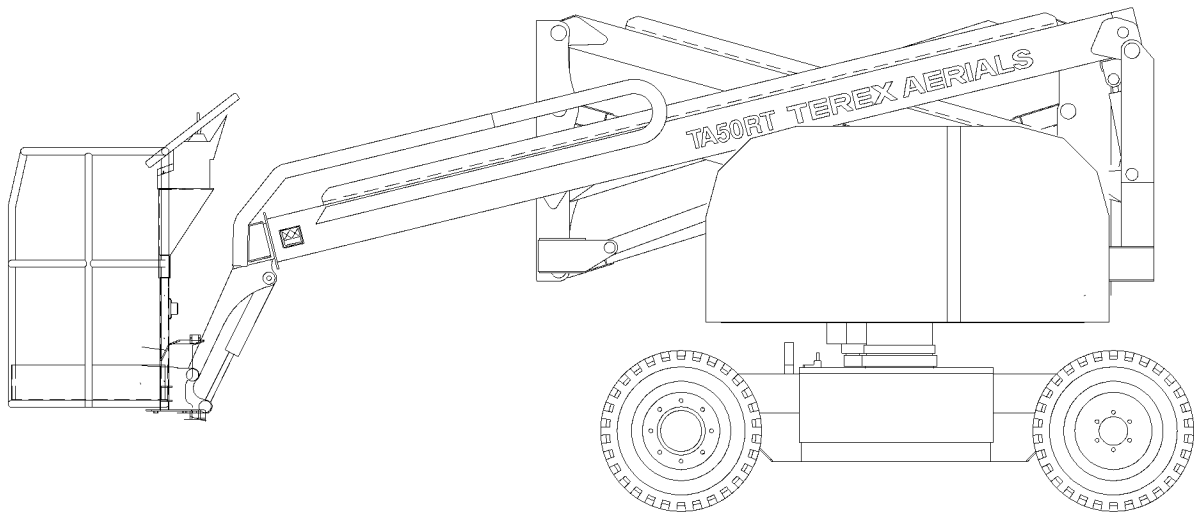


ARTICULATED BOOM LIFT MODEL TA50RT-TH



SPARE PARTS MANUAL

P/No: 65002-0008 Rev.2 09/00

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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HOW TO USE THE PARTS MANUAL

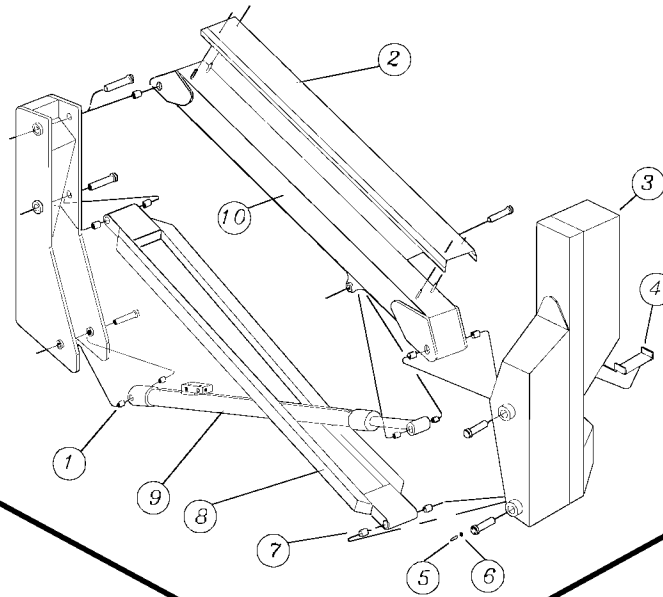
TEREX AERIALS

BOOM ASSEMBLY

Model TA50RT TH
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FIRST LIFT STAGE



ITEM	PART NO	DESCRIPTION	QTY	REMARKS
1	44031-0028	GLACIER FM 25 X 25 DX BUSH	4	Part Of Lift Cylinder
2	SS102	CABLE COVER	1	
	MS128	CABLE COVER STUD	4	
3	CS541	OFFSET POST	1	
	CS527	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	Z1002-0118	LIFT CYLINDER	1	See Page 5-2
10	Z3015-0135	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.

HOW TO ORDER PARTS

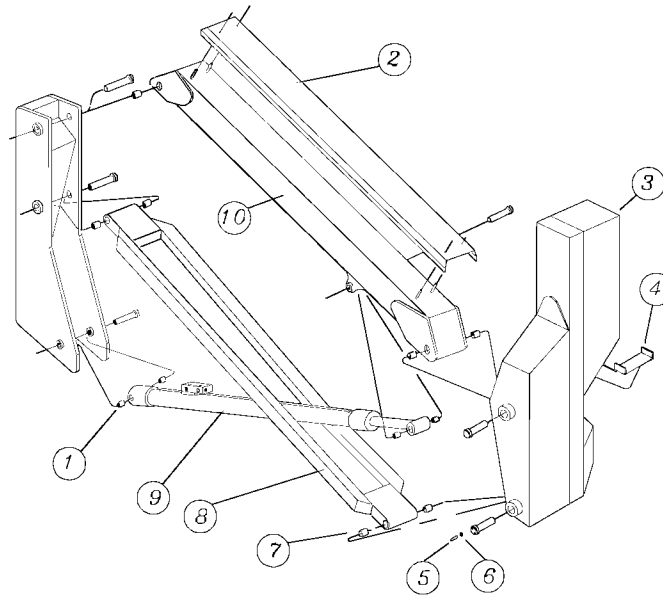
 **TEREX AERIALS**

BOOM ASSEMBLY

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FIRST LIFT STAGE



ITEM	PART NO	DESCRIPTION	QTY	REMARKS
1	44031-0028	GLACIER FM 25 X 25 DX BUSH	4	Part Of Lift Cylinder
2	SS102	CABLE COVER	1	
	MS128	CABLE COVER STUD	4	
3	CS541	OFFSET POST	1	
	CS527	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	Z1002-0118	LIFT CYLINDER	1	See Page 5-2
10	Z3015-0135	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.

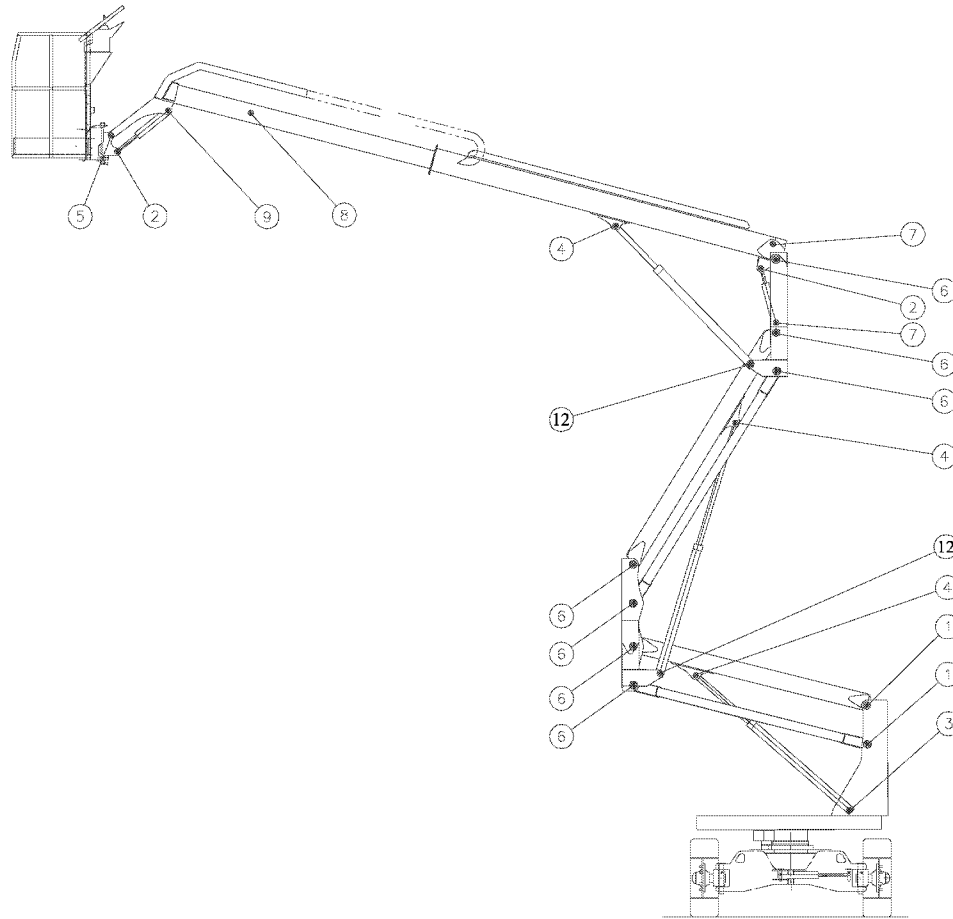
- | | | |
|----|--------|--|
| A. | EMAIL | spares@terex.ie |
| B. | FAX: | +353-21-4353368 |
| C. | PHONE: | + 353-21-4978000 |
| D. | MAIL: | Terex Aerials, Courtstown Industrial Park, Little Island, Co. Cork
Ireland. |

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.

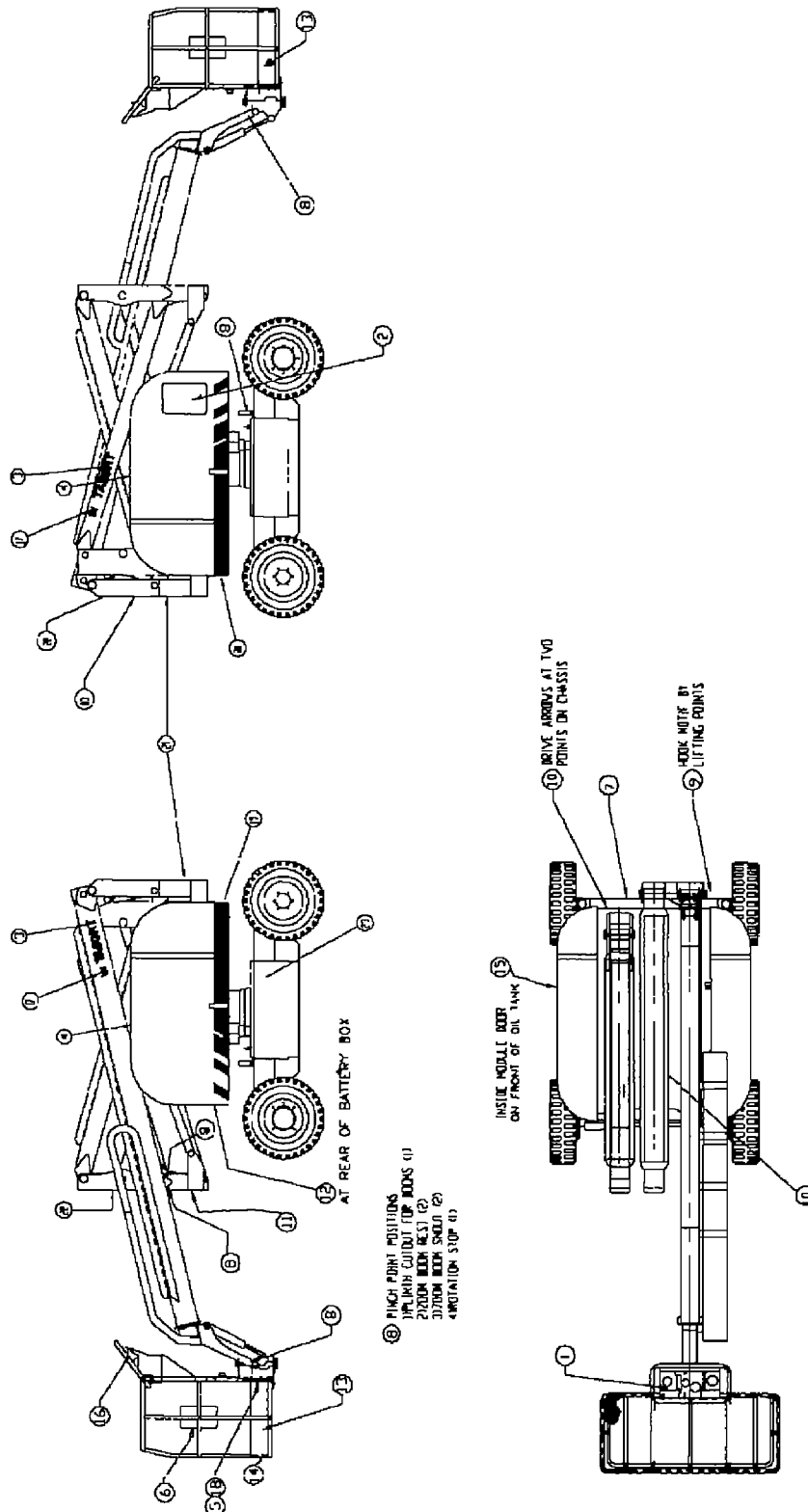
BOOM PIVOT PINS



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	GS315	PIN Ø 40 x 270	2	
2	GS505	PIN Ø 25 x 106	4	
3	GS473	PIN Ø 25 x 225	1	
4	44021-0646	PIN Ø 25 x 90	3	
5	GS475	PIN Ø 25 x 144	1	
6	GS472	PIN Ø 40 x 285	7	
7	GS476	PIN Ø 20 x 191	2	
8	LS118	PIN Ø 20 x 98	1	
9	GS500	PIN Ø 20 x 153	1	
12	44021-0645	PIN Ø 25 x 158	2	
FOR PIVOT POINTS ON CHASSIS SEE				
PAGES 3-1 AND 3-2				

MAIN ASSEMBLY

LABEL POSITIONS



MAIN ASSEMBLY

LABEL POSITIONS

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
BILL OF MATERIALS				
1	47011-0555	UPPER CONTROL LEGEND PLATE	1	Diesel
	47011-0554	UPPER CONTROL LEGEND PLATE	1	Bi-Fuel
2	47011-0553	LOWER CONTROL PANEL LEGEND	1	
13	44041-0006	WARNING STRIP DECAL	4	
21	10287500	STRIPE RED 5" DECAL	1	
	F004982	GENERAL DECAL KIT TA50RT		
3	10285027	TA50RT DECAL	2	Not for USA machines
7	37003-0033	SERIAL NUMBER PLATE DECAL	7	
8	47011-0154	KEEP HANDS FREE DECAL	6	
9	A582	HOOK MOTIF	4	
10	47011-0153	DIRECTIONAL ARROWS DECAL	2	
11	47011-0426	"CE" MARK	1	
12	47011-0456	PROTECTIVE EARTH DECAL	1	
17	10288205	CROWN RED 3.12 DECAL	2	
19	10287400	CHEVRON RED RH	1	
20	10287300	CHEVRON RED LH	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	47003-0105	EMERGENCY LOWERING / TOWING	1	
23	2033	DIESEL FUEL ONLY (RT & RT-TH MACHINES)	1	
23	2020	GASOLINE OR PETROL (RT BF MACHINE ONLY)		
	F004998	DECAL KIT FOR IRELAND/UK		
14	47003-0040	"SWL" DECAL	1	
15	47003-0105	EMERGENCY LOWERING / TOWING	1	
16	47003-0102	10 POINT DECAL	1	
		DECAL KIT FOR SWEDEN		
14	47008-0090	"SWL" DECAL	1	
15	47003-0107	EMERGENCY LOWERING / TOWING	1	
16	47003-0081	10 POINT DECAL	1	

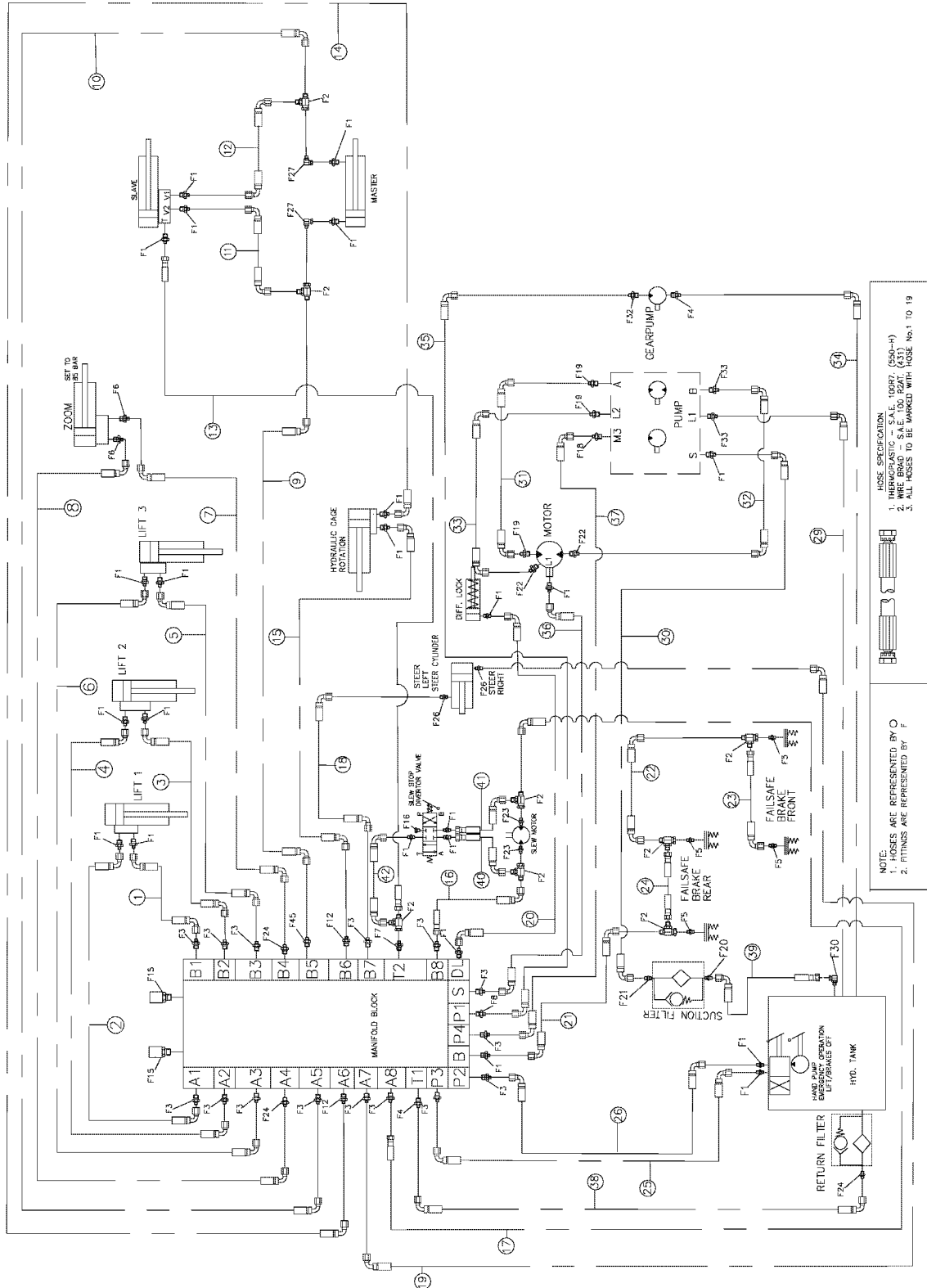
MAIN ASSEMBLY

LABEL POSITIONS

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
DECAL KIT FOR SPAIN				
14	47099-0027	"SWL" DECAL	1	
15	47099-0029	EMERGENCY LOWERING / TOWING DECAL	1	
16	47099-0006	10 POINT DECAL	1	
F005000 DECAL KIT FOR GERMANY/AUSTRIA				
14	47012-0059	"SWL" DECAL	1	
15	47012-0524	EMERGENCY LOWERING / TOWING DECAL	1	
16	47012-0070	10 POINT DECAL	1	
F004999 DECAL KIT FOR FRANCE				
14	47005-0029	"SWL" DECAL	1	
15	47005-0095	EMERGENCY LOWERING / TOWING DECAL	1	
16	47005-0086	10 POINT DECAL	1	
DECAL KIT FOR HOLLAND				
14	A1552	"SWL" DECAL	1	
15	47006-0030	EMERGENCY LOWERING / TOWING DECAL	1	
16	47006-0026	10 POINT DECAL	1	
F005001 DECAL KIT FOR ITALY				
14	47009-0125	"SWL" DECAL	1	
15	47009-0138	EMERGENCY LOWERING / TOWING DECAL	1	
16	47009-0120	10 POINT DECAL	1	
DECAL KIT FOR DENMARK				
14	47011-0504	"SWL" DECAL	1	
15	47011-0558	EMERGENCY LOWERING / TOWING DECAL	1	
16	47011-0458	10 POINT DECAL	1	
DECAL KIT FOR FINLAND				
14	47011-0511	"SWL" DECAL	1	
15	47011-0557	EMERGENCY LOWERING / TOWING DECAL	1	
16	47011-0459	10 POINT DECAL	1	

HYDRAULIC CIRCUIT - P/No: 11010-0034

Up to Serial No: 16033



MAIN ASSEMBLY**HYDRAULIC CIRCUIT FITTINGS - P/No: 11010-0034****Up to Serial No: 16033**

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41010-0741	HOSE		
2	41010-0742	HOSE		
3	41010-0844	HOSE		
4	41010-0845	HOSE		
5	41010-0846	HOSE		
6	41010-0847	HOSE		
7	41010-0747	HOSE		
8	41010-0748	HOSE		
9	41010-0749	HOSE		
10	41010-0750	HOSE		
11	41010-0751	HOSE		
12	41010-0752	HOSE		
13	41010-0753	HOSE		
14	41010-0754	HOSE		
15	41010-0755	HOSE		
16	41010-0756	HOSE		
17	41010-0757	HOSE		
18	41010-0759	HOSE		
19	41010-0759	HOSE		
20	41010-0850	HOSE		
21	41010-0851	HOSE		
22	41010-0852	HOSE		
23	41010-0766	HOSE		
24	41010-0767	HOSE		
25	41010-0853	HOSE		
26	41010-0769	HOSE		
29	41010-0854	HOSE		
30	41010-0855	HOSE		
31	41010-0773	HOSE		
32	41010-0856	HOSE		
33	41010-0776	HOSE		
34	41010-0777	HOSE		
35	41010-0778	HOSE		

HYDRAULIC CIRCUIT FITTINGS - P/No: 11010-0034

Up to Serial No: 16033

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
36	41010-0779	HOSE		
37	41010-0780	HOSE		
38	41010-0781	HOSE		
39	41010-0857	HOSE		
40	41010-0858	HOSE		
41	41010-0859	HOSE		
42	41010-0860	HOSE		
43	41010-0861	HOSE		
44	41010-0862	HOSE		
45	41010-0863	HOSE		
46	41010-0864	HOSE		
47	41010-0865	HOSE		
48	41010-0865	HOSE		
49	41010-0866	HOSE		
50	41010-0867	HOSE		
F45	31013-0387	SIZE 4 O-LOK x 3/8 BSP M 0.5 ORIFACE	1	
F1	31013-0190	SIZE 4 O-LOK M x 1/4 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	16	
F4	31013-0342	SIZE 8 O-LOK x 1/2 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 1/4 BSP M	2	
F7	31013-0201	SIZE 4 O-LOK x 1/2 BSP MALE	1	
F8	31013-0202	SIZE 6 O-LOK M x 1/2 BSP M	1	
F12	31013-0388	SIZE 4 O-LOK M x 3/8" BSP M 1MM ORIFACE	2	
F15	31013-0218	1/4" BSP TEST POINT	2	
	31013-0382	US TEST POINT	2	US Machines Only
F16	31013-0223	3/8 BLANK PLUG ED SEAL	1	
F18	31013-0367	SIZE 4 O-LOK 3/4 UNF	1	
F19	31013-0366	SIZE 8 O-LOK X 1/16 UNF	3	
F20	31013-0228	SIZE 16 O'LOK M X 1 1/4 BSP M	1	
F21	31013-0229	SIZE 16 O-LOK M X 1" BSP M	1	
F22	31013-0365	SIZE 8 O-LOK M X 1 5/16 UNF	2	



MAIN ASSEMBLY

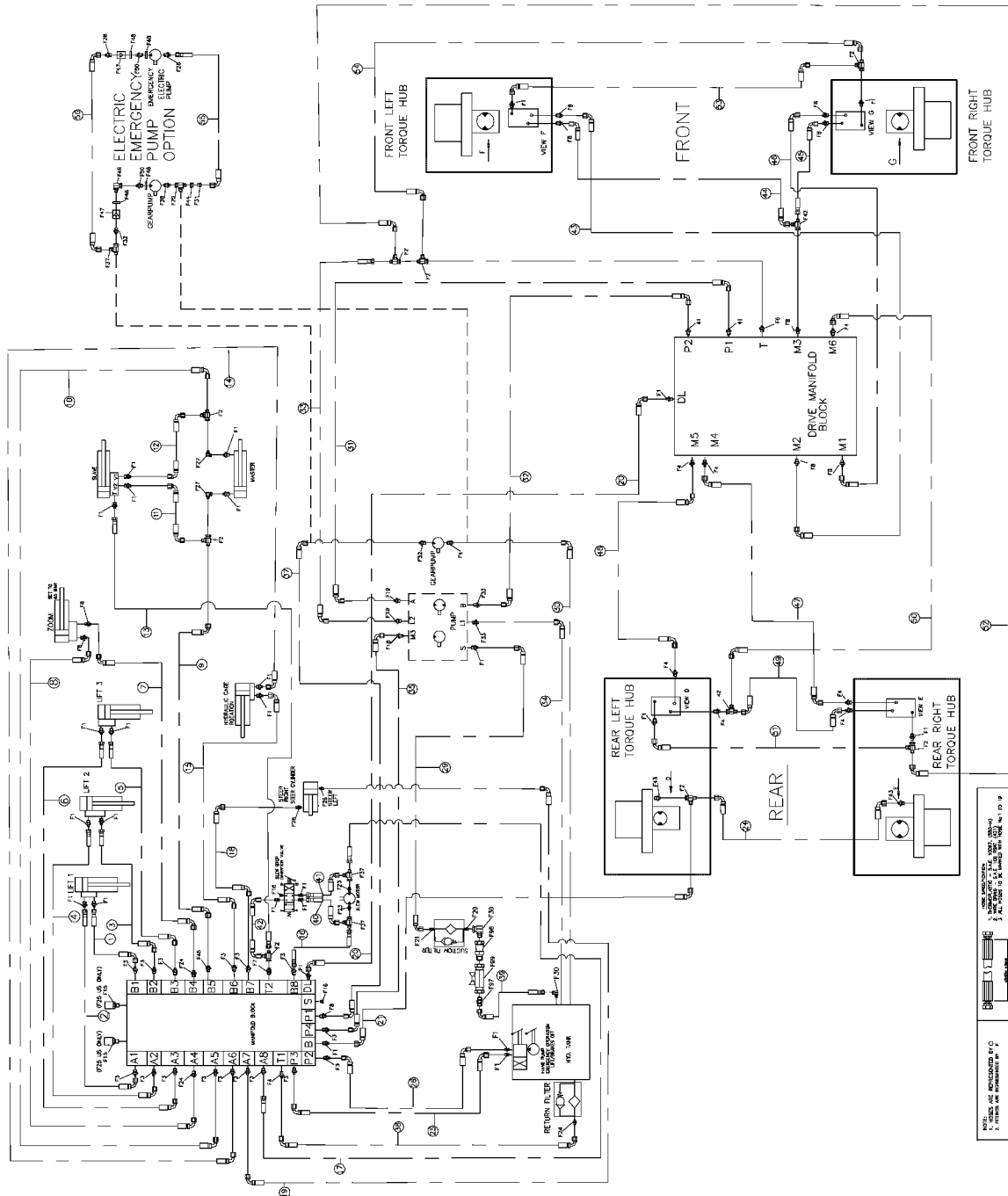
HYDRAULIC CIRCUIT FITTINGS - P/No: 11010-0034

Up to Serial No: 16033

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F23	31013-0235	SIZE 16 O-LOK M X 3/8 BSP M (1.2 MM ORIFACE)	2	
F24	31013-0341	SIZE 8 O-LOK X 1" BSP MALE	3	
F26	31013-0225	SIZE 4 O-LOK X M18 MALE/MALE	2	
F27	31013-0215	SIZE 4 O-LOK M X 1/4" BSP M 90° ELB	2	
F30	41011-0154	SIZE 16 O-LOK M/F	1	
F32	31013-0207	SIZE 6 O-LOK M X 3/8" BSP M	1	
F33	31013-0369	SIZE 12 O-LOK M X 1 1/16 UNF	2	
F41	31013-0230	SIZE 12 O-LOK M X 1/2" BSP M	2	
F42	31013-0206	SIZE 8 O-LOK TEE MFM SWIVEL RUN	2	
F43	31013-0380	SIZE 4 O-LOK M X 1/4" BSP M 72.1 MM LONG	2	

HYDRAULIC CIRCUIT - P/No: 11010-0037

From Serial No: 16034



MAIN ASSEMBLY**HYDRAULIC CIRCUIT FITTINGS - P/No: 11010-0037****From Serial No: 16034**

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	41010-0741	HOSE		
2	41010-0742	HOSE		
3	41010-0743	HOSE		
4	41010-0744	HOSE		
5	41010-0745	HOSE		
6	41010-0746	HOSE		
7	41010-0747	HOSE		
8	41010-0748	HOSE		
9	41010-0749	HOSE		
10	41010-0750	HOSE		
11	41010-0751	HOSE		
12	41010-0752	HOSE		
13	41010-0753	HOSE		
14	41010-0754	HOSE		Up To Serial No: 16033
15	41010-0755	HOSE		Up To Serial No 16033
14	41010-0874	HOSE		From Serial No: 16034
15	41010-0875	HOSE		From Serial No: 16034
16	41010-0756	HOSE		
17	41010-0757	HOSE		
18	41010-0758	HOSE		
19	41010-0759	HOSE		
20	41010-0876	HOSE		
21	41010-0852	HOSE		
24	41010-0851	HOSE		
25	41010-0766	HOSE		
26	41010-0767	HOSE		
29	41010-0853	HOSE		
30	41010-0769	HOSE		
31	41010-0854	HOSE		
32	41010-0855	HOSE		
33	41010-0850	HOSE		
34	41010-0773	HOSE		
35	41010-0774	HOSE		

HYDRAULIC CIRCUIT FITTINGS - P/No: 11010-0037

From Serial No: 16034

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
37	41010-0776	HOSE		
38	41010-0777	HOSE		
39	41010-0778	HOSE		
40	41010-0779	HOSE		
41	41010-0780	HOSE		
42	41010-0781	HOSE		
43	41010-0861	HOSE		
44	41010-0862	HOSE		
45	41010-0863	HOSE		
46	41010-0864	HOSE		
47	41010-0865	HOSE		
48	41010-0879	HOSE		
49	41010-0866	HOSE		
50	41010-0867	HOSE		
51	41010-0858	HOSE		
52	41010-0857	HOSE		
53	41010-0860	HOSE		
54	41010-0859	HOSE		
55	41010-0877	HOSE		
56	41010-0878	HOSE		
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 ¼ UNF	1	
F19	31013-0366	SIZE 8 O-LOK x 1/16 UNF	3	
F20	31013-0228	SIZE 16 O-LOK M x 1 ¼ BSP M	1	

MAIN ASSEMBLY**HYDRAULIC CIRCUIT FITTINGS - P/No: 11010-0037****From Serial No: 16034**

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
F21	31013-0229	SIZE 16 O-LOK M x 1" BSP M	1	US Machines Only
F22	31013-0365	SIZE 8 O-LOK M x 1 5/16 UNF	2	
F23	31013-0235	SIZE 16 O-LOK M x 3/8 BSP M (1.3 MM ORIFACE)	2	
F25	31013-0382	US TEST POINT	3	
F24	31013-0341	SIZE 8 O-LOK x 1" BSP MALE	3	
F26	31013-0225	SIZE 4 O-LOK x M18 (1.5 MM ORIFACE)	2	From Serial No: 16513
F27	31013-0215	SIZE 4 O-LOK M x 1/4" BSP M 90° ELB	1	
F28	31013-0226	SIZE 8 O-LOK M x 3/8" BSP M	3	
F29	31013-0395	SIZE 12 O-LOK MFM TEE	1	
F30	41011-0154	SIZE 16 O-LOK M/F ELBOW	1	
F31	31013-0396	SIZE 12 TO SIZE 8 O-LOK REDUCER	1	
F32	31013-0207	SIZE 6 O-LOK M x 3/8" BSP M	1	
F33	31013-0369	SIZE 12 O-LOK M x 1 1/16 UNF	2	
F41	31013-0230	SIZE 12 O-LOK M x 1/2" BSP M	2	
F42	31013-0206	SIZE 8 O-LOK TEE MFM SWIVEL RUN	2	
F43	31013-0380	SIZE 4 O-LOK M x 1/4" BSP M 72.1 MM LONG	2	
F44	31013-0397	SIZE 12 NUT	1	
F47	31009-0003	CHECK VALVE	2	
F48	31013-0398	DOUTY SEAL	4	
F49	31013-0399	3/8 BSP MF 90 DEG ELBOW	1	
F50	31013-0400	3/8 BSP MM ADAPTER	2	
F97	31013-0232	SIZE 16 O-LOK MX 1" 13 SPM	1	From Serial No: 16513
F98	31013-0435	SIZE 16 O-LOK SWIVEL F x 1" BSP M	1	From Serial No: 16513
F99	31013-0436	1" BALL VALVE BSP PORTING	1	From Serial No: 16513

BASE ASSEMBLY

Model TA50RT TH

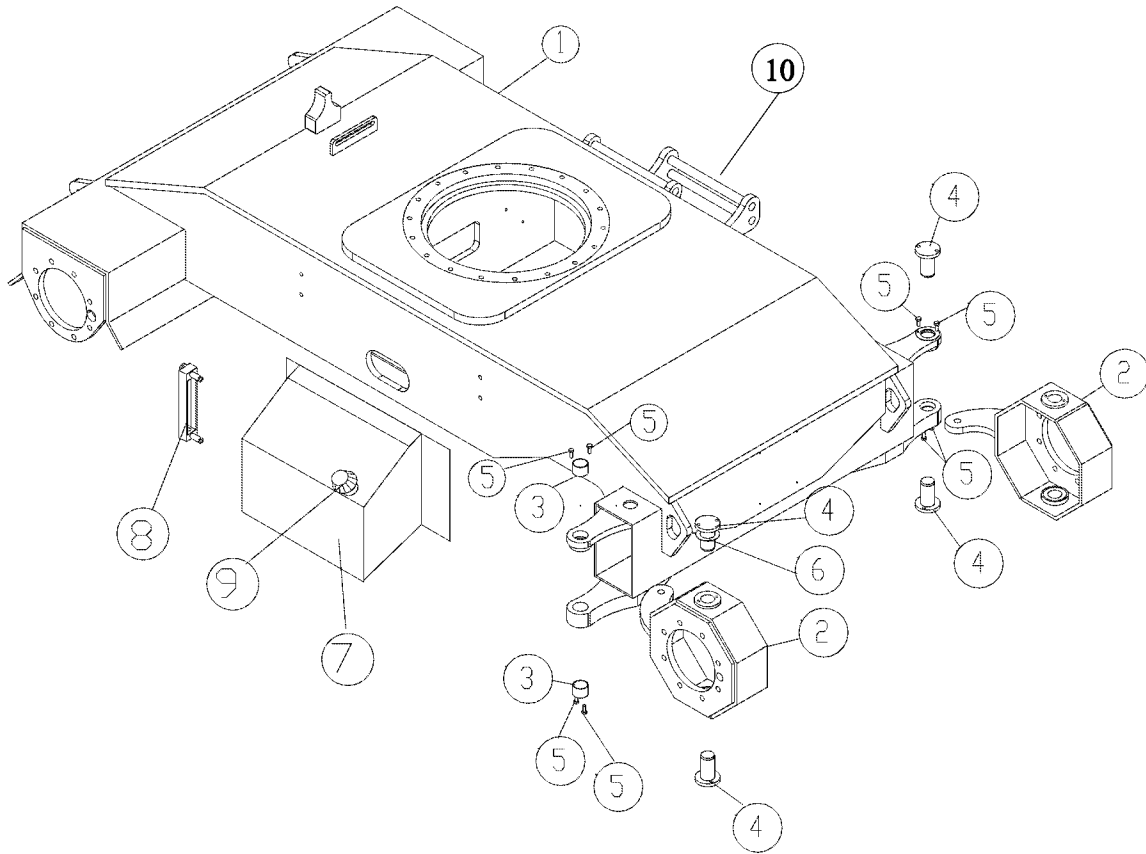
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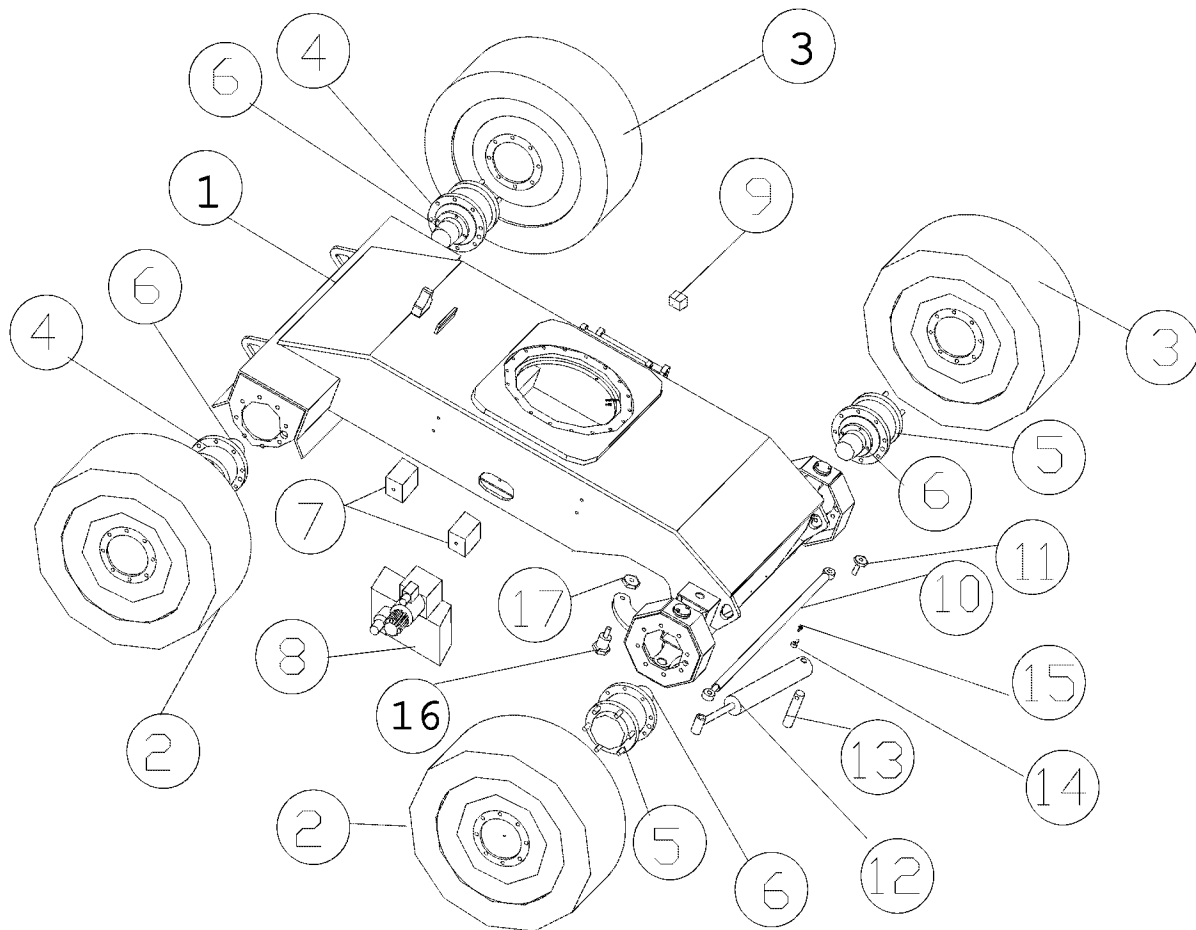
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Page

UPPER CHASSIS ASSEMBLY



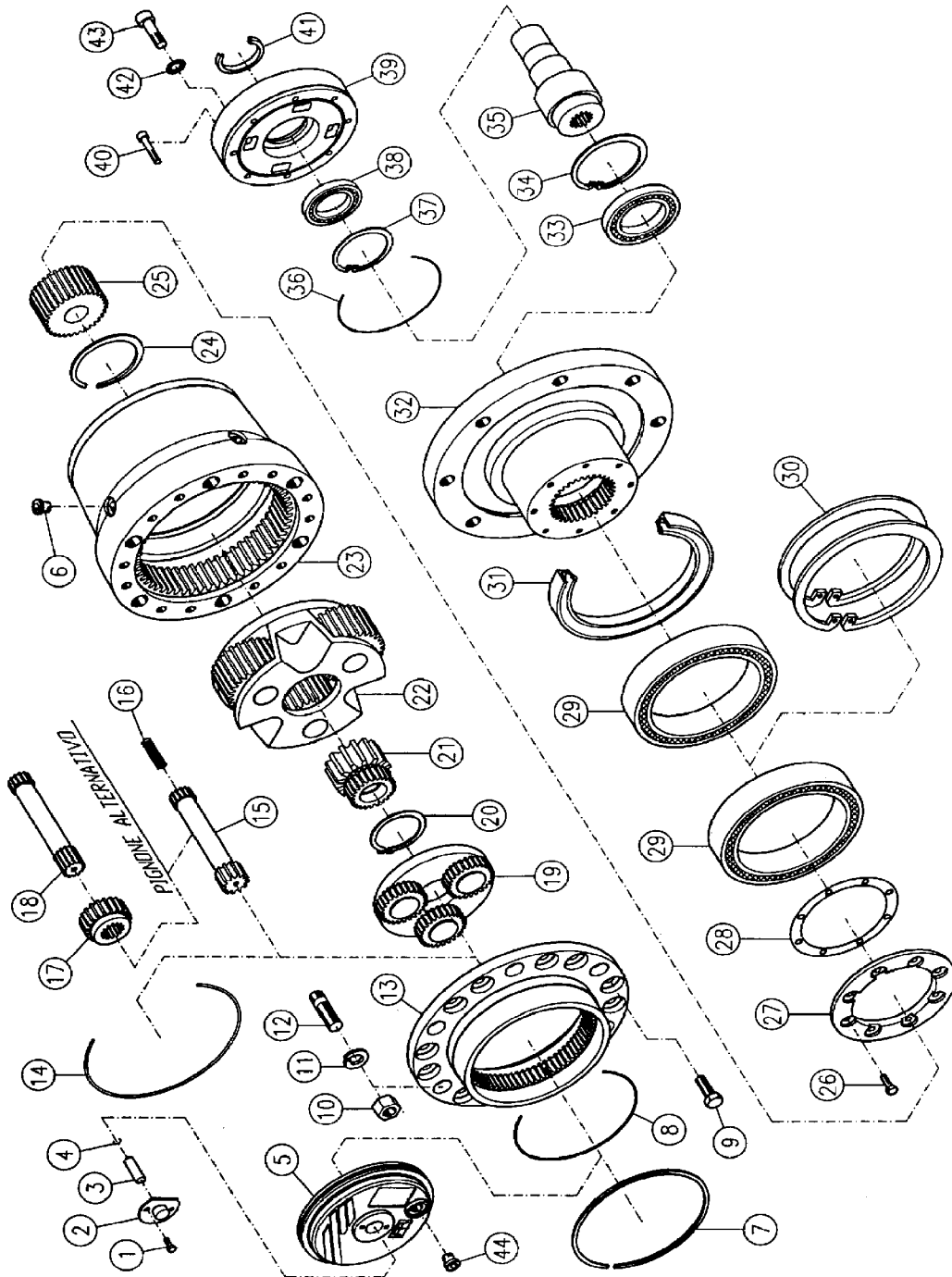
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	13001-0086	CHASSIS ASSEMBLY COMPLETE	1	Bi Fuel Machine Option
	13001-0087	CHASSIS ASSEMBLY COMPLETE	1	Diesel Engine Option
2	33010-0023	STEER ARM ASSEMBLY	2	
3	44031-0056	40 x 30 BUSHING	4	
4	44021-0681	PIN STEERING PIVOT	4	
5	44002-0035	M8 X 16 HEX HEAD SCREW	8	
6	11683	THRUST WASHER	4	
7	13019-0001	FUEL TANK	1	
8	10125	LEVEL GAUGE	1	Bi Fuel Machine Option
	10124	LEVEL GAUGE	1	Diesel Machine Option
9	10449	FILLER BREATHER CAP	1	
	16229	FUEL STRAINER	1	Not Illustrated
10	44019-0101	GAS TANK RETAINING STRAP	1	Bi Fuel Machine Only - Up to 1/1/00
	MK486-8	GAS TANK MOUNTING BRACKET	1	Bi-Fuel Machine - From 1/1/00
	41037-0010	PROPANE HOSE COUPLING	1	Bi Fuel Only
	41064-0007	HOSE, BOTTEL TO COUPLING	1	Bi-Fuel Only
	41064-0008	HOSE, COUPLING TO ENGINE	1	Bi-Fuel Only

BASE ASSEMBLY**LOWER CHASSIS**

BASE ASSEMBLY

LOWER CHASSIS

ITEM NO	PART NO.	DESCRIPTION	QTY.	REMARKS
1	13002-0086	CHASSIS COMPLETE	1	
2	44022-0413	WHEEL ASSEMBLY RHS	2	
3	44022-0414	WHEEL ASSEMBLY LHS	2	
*	44029-0076	WHEEL NUT M 18	32	
4	44023-0369	WHEEL GEARBOX REAR	2	
5	44023-0370	WHEEL GEARBOX FRONT	2	
*	44003-0006	M16 X 45 HEX HEAD BOLT 10.9	32	
6	41018-0023	HYDRAULIC DRIVE MOTOR	4	No Serviceable Parts
*	41022-0061	DIFF LOCK VALVE	2	To Serial No: 15872
*	41022-0063	TRANSMISSION VALVE	1	To Serial No: 15872
*	41022-0062	CARTRIDGE VALVE	1	To Serial No: 15872
8	41029-0035	TRANSMISSION VALVE SINGLE	1	From Serial No: 15873 See Page 3-10
10	49049-0001	TRACK ROD 2 x RH ENDS	1	Up To 1/10/99
*	49049-0005	TRACK ROD 1 x LH x 1 x RH END	1	From 1/10/99
*	13170	TRACK ROD END	2	Up To 1/10/99
*	13170	TRACK ROD END	1	From 1/10/99
*	44031-0066	TRACK ROD END LH THREAD	1	From 1/10/99
*	11404	M20 x 1.5 PITCH HALF NUT RH	2	Up to 1/10/99
*	11404	M20 x 1.5 PITCH HALF NUT RH	1	From 1/10/99
*	44021-0015	M20 x 1.5 PITCH HALF NUT LH	1	From 1/10/99
11	44003-0036	M20 X 45 HEX HEAD SCREW	1	
12	21002-0126	STEER CYLINDER	1	
	41034-0163	STEER CYLINDER SEAL KIT	1	Not Illustrated
	42031-0041	25 I/D x 30 BUSH	4	Not Illustrated
13	LS129	PIN ANCHER STEER CYLINDER	1	
14	44021-0673	PIN RETAINING	1	
15	44002-0035	M8 X 16 HEX HEAD SCREW	1	
16	49550-0007	SHOULDER BOLT STEER CYLINDER	1	
17	44007-0032	M20 LOCK NUT	1	

BASE ASSEMBLY**WHEEL GEARBOX FRONT - P/N: 44023-0370**

BASE ASSEMBLY

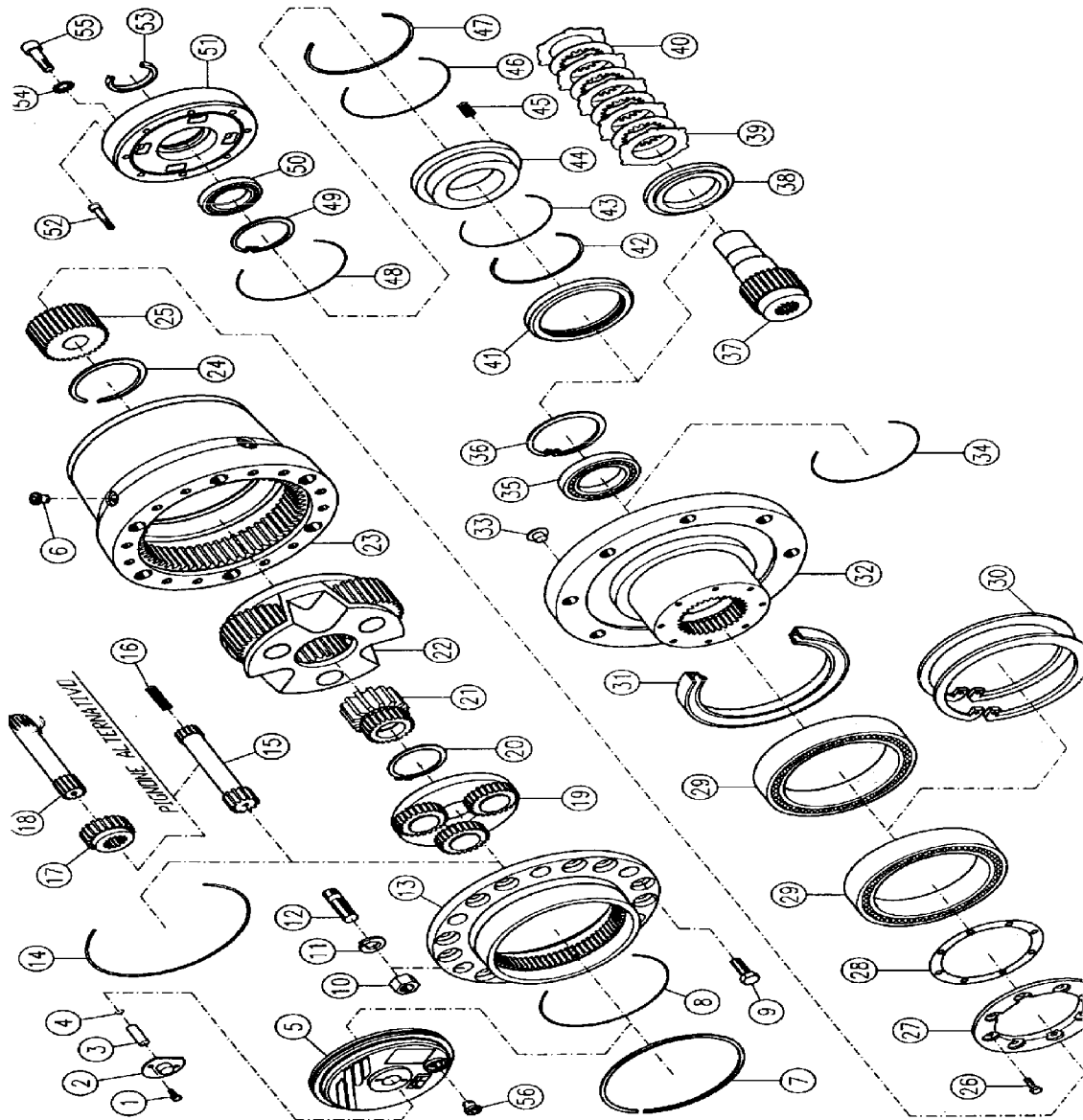
WHEEL GEARBOX FRONT - P/N: 44023-0370

ITEM NO	PART NO.	DESCRIPTION	QTY.	REMARKS
1	C032007	SCREW	2	
2	F093822000	COVER	1	
3	C090064	PIN	1	
4	C140024	O-RING	1	
5	F269400300	COVER	1	
6	C170001	STEEL PLUG	2	
7	C088033	RING	1	
8	C140063	O-RING	1	
9	C032070	SCREW	12	
10	C055150	NUT	6	
11	C058018	WASHER	6	
12	C040141	EXTENSION	6	
13	F060853000	PLANETARY RING	1	
14	C140077	O-RING	1	
15	F173913500	PINION R=6.75:1	1	
16	F140206600	SPRING	1	
17	F173893500	PINION R=3.55:1	1	
18	F173903500	COUPLING	1	
19	P2379	COMPLETE REDUCTION R=3.55:1	1	
20	C085050	CIRCLIP	1	
21	F173863200	PINION R=4.5:1	1	
22	P2367	COMPLETE REDUCTION R=4.5:1	1	
23	F400245500	HUB SUPPORT	1	
24	C087011	RING	1	
25	F243495200	COUPLING	1	
26	C032215	SCREW	8	
27	F093962000	SPACER	1	
28	F093972000	SPACER	2	
29	C016023	BEARING	2	
30	FV1182000	CIRCLIP	2	
31	C127017	OIL SEAL	1	
32	F400121400	STUB AXLE	1	
33	C010022	BEARING	1	

**BASE ASSEMBLY****WHEEL GEARBOX FRONT - P/N: 44023-0370**

ITEM NO	PART NO.	DESCRIPTION	QTY.	REMARKS
34	C088035	RING	1	
35	F023663500	SHAFT	1	
36	C140022	O-RING	1	
37	C080062	CIRCLIP	1	
38	C010035	BEARING	1	
39	F268060200	COVER	1	
40	C030017	SCREW	8	
41	C122001	OIL SEAL	1	
42	C060060	ELASTIC WASHER	4	
43	C030062	SCREW	4	
44	C172001	OIL LEVEL PLUG	1	

WHEEL GEARBOX REAR - P/N: 44023-0369



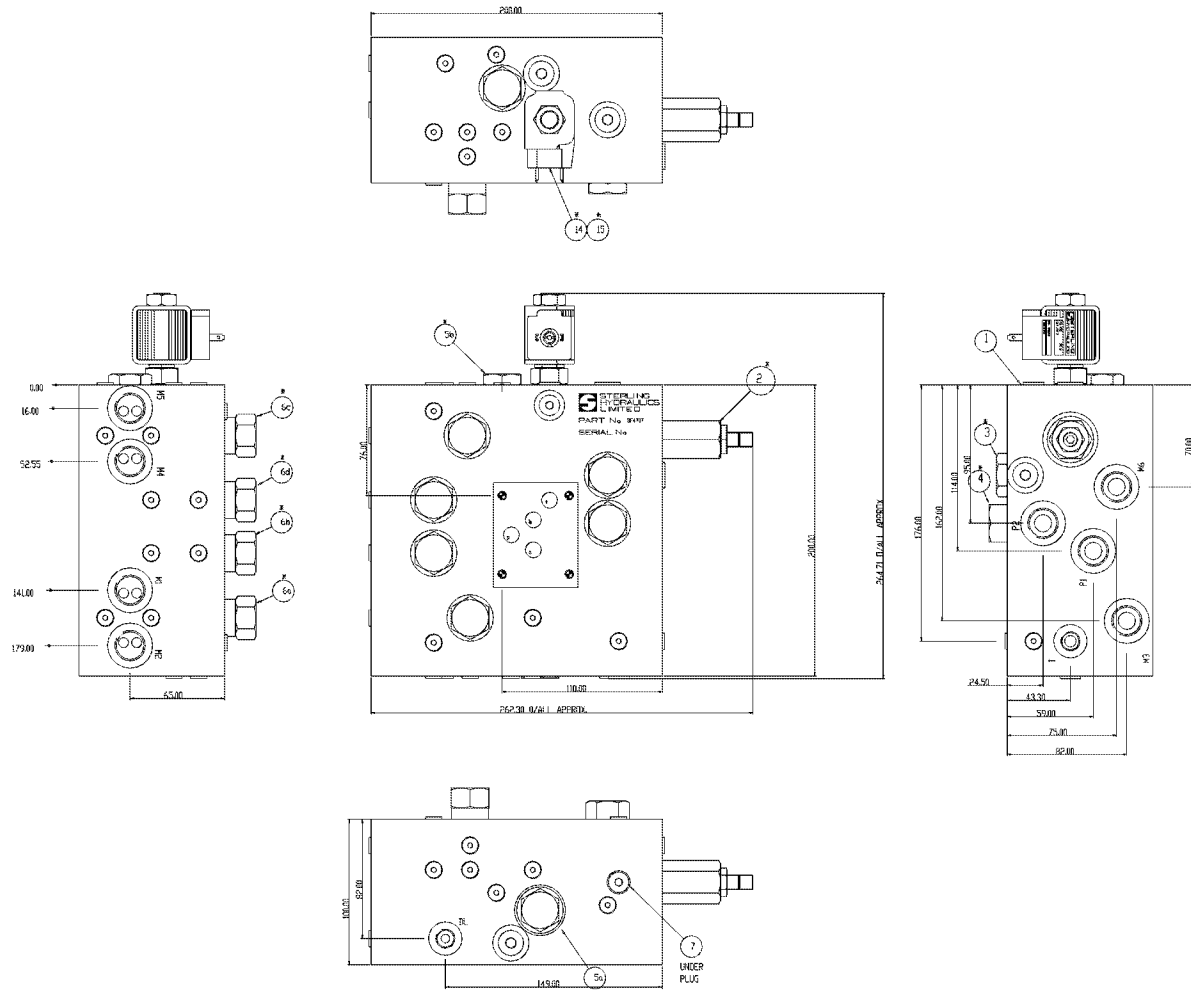
BASE ASSEMBLY**WHEEL GEARBOX REAR - P/N: 44023-0369**

ITEM NO	PART NO.	DESCRIPTION	QTY.	REMARKS
1	C032007	SCREW	2	
2	F093822000	COVER	1	
3	C090064	PIN	1	
4	C140024	OR	1	
5	F269400300	COVER	1	
6	C170001	STEEL PLUG	2	
7	C088033	RING	1	
8	C140063	OR	1	
9	C032070	SCREW	12	
10	C055150	NUT	6	
11	C058018	WASHER	6	
12	C040141	EXTENSION	6	
13	F060853000	PLANETARY RING	1	
14	C140077	OR	1	
15	F173913500	PINION R=6.75:1	1	
16	F140206600	SPRING	1	
17	F173893500	PINION R=3.55:1		
	F173883500	PINION R=4.28:1	1	
	F173973500	PINION R=5.6:1		
18	F173903500	COUPLING	1	R=3.55:1 / R=4.28:1
	F173963500	COUPLING R=5.6:1		
19	P2377	COMPLETE REDUCTION R=5.6:1	1	
	P2378	COMPLETE REDUCTION R=4.28:1		
	P2379	COMPLETE REDUCTION R=3.55:1		
	P2384	COMPLETE REDUCTION R=6.75:1		
20	C085050	CIRCLIP	1	
21	F173863200	PINION R=4.5:1	1	
22	P2367	COMPLETE REDUCTION R=4.5:1	1	
23	F400245500	HUB SUPPORT	1	
24	C087011	RING	1	
25	F243495200	COUPLING	1	
26	C032215	SCREW	8	
27	F093962000	SPACER	1	
28	F093972000	SPACER	2	
29	C016023	BEARING	2	
30	FV1182000	CIRCLIP	2	
31	C127017	OIL SEAL	1	
32	F400101400	STUB AXLE	1	
33	C169001	PLASTIC PLUG	1	

BASE ASSEMBLY

WHEEL GEARBOX REAR - P/N: 44023-0369

ITEM NO	PART NO.	DESCRIPTION	QTY.	REMARKS
34	C142156	O-RING	1	
35	C010022	BEARING	1	
36	C088035	RING	1	
37	F023673500	SHAFT	1	
38	F201312000	SHIMMING	1	
39	C200857	SINTERED DISC	6	
40	C200414	STEEL DISC	7	
41	F094411400	SPACER	1	
42	C165024	PARBAK	1	
43	C142238	O-RING	1	
44	F180383000	PISTON	1	
45	F140226600	SPRING FOR R F 2/7	2	
		SPRING FOR R F 2/14	4	
		SPRING FOR R F 2/21	6	
		SPRING FOR R F 2/32	9	
		SPRING FOR R F 2/43	12	
46	C142156	O-RING	1	
47	C165020	PARBAK	1	
48	C140022	O-RING	1	
49	C080062	CIRCLIP	1	
50	C010035	BEARING	1	
51	F268060200	COVER	1	
52	C030033	SCREW	8	
53	C122001	OIL SEAL	1	
54	C060060	ELASTIC WASHER	4	
55	C030062	SCREW	4	
56	C1720011	OIL LEVEL PLUG	1	

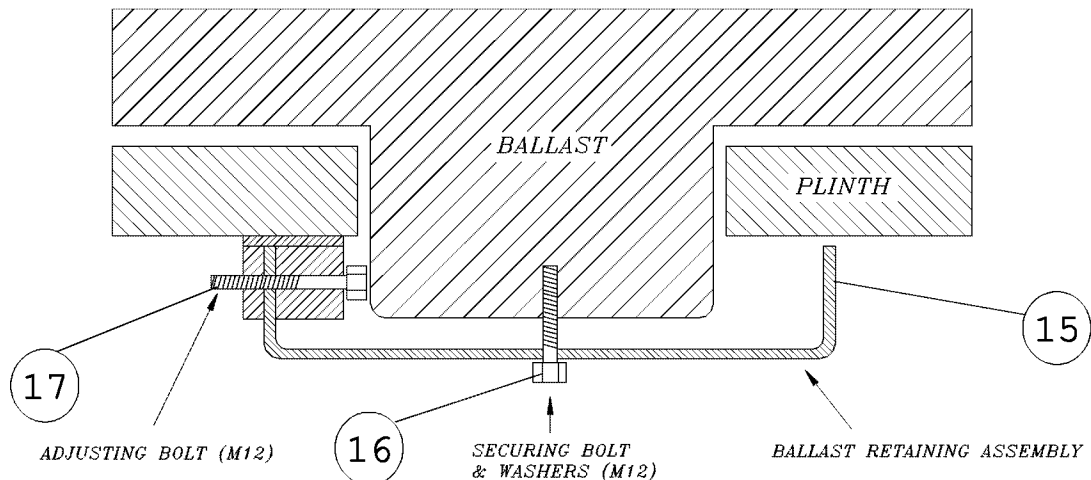
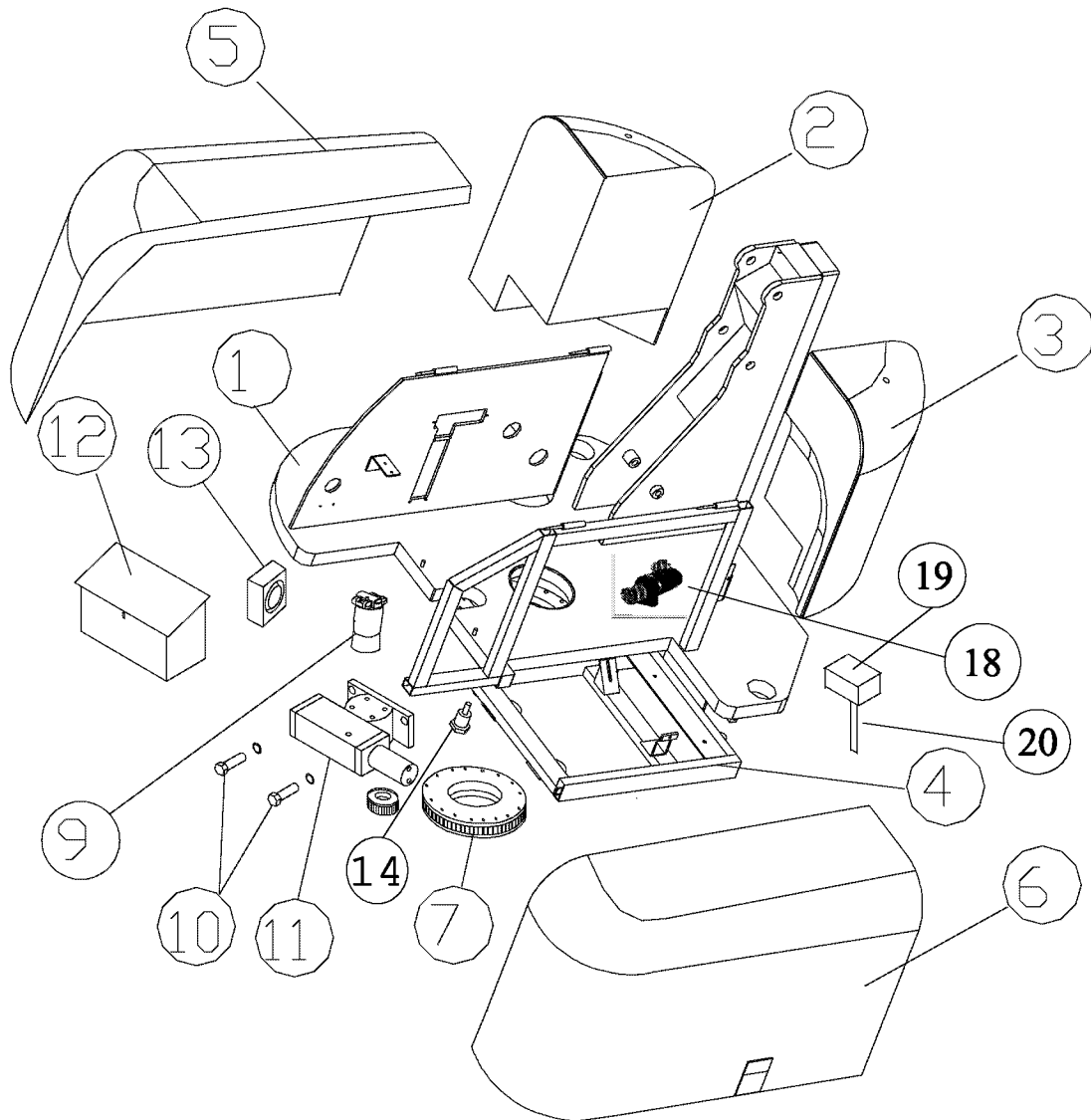
BASE ASSEMBLY**SINGLE TRANSMISSION BLOCK**

BASE ASSEMBLY

SINGLE TRANSMISSION BLOCK

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	8H42584	BLOCK M/C	1	
2	A04B2HZ1-125N	RELIEF VALVE 50Nm	1	
3	D04B2-0.2N	CHECK VALVE 50Nm	1	
4	K04C3-5.0N	SHUTTLE VALVE 50Nm	1	
5	L04A3-30-30N	FLOW DIVIDER 50Nm	2	
6	R04A4-5.0N	DIVERTER VALVE 50Nm	4	
7	AH38529/2	ORIFICE PLUG	1	
14	GS021400N	SOLENOID VALVE 30Nm	1	
15	CCP012D	SOLENOID COIL 4.1Nm	1	

PLINTH ASSEMBLY

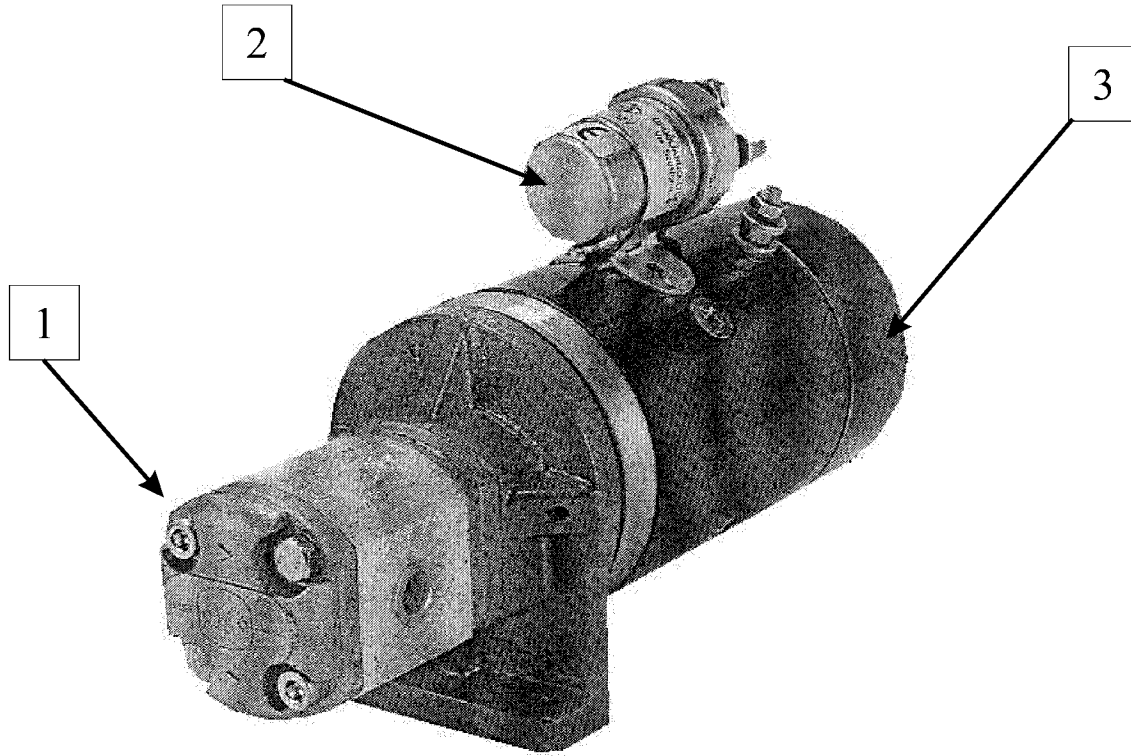


**TURRET ASSEMBLY**

ITEM	PART NO.	DESCRIPTION	QTY	REMARKS
1	13011-0102	PLINTH ASSEMBLY	1	Up To Serial No: 16317
	13011-0105	PLINTH ASSEMBLY STEEL COVERS		From Serial No: 16317
2	14029-0009	BALLAST LH	1	
3	14029-0008	BALLAST RH	1	
4	33003-0009	BI FUEL ENGINE FRAME	1	Bi Fuel Engine Option
	33003-0010	DIESEL ENGINE FRAME	1	Diesel Engine Option
5	13030-0091	COVER HYDRAULIC COMPARTMENT	1	Up To Serial No: 16317
	13030-0103	COVER HYDRAULIC COMPARTMENT	1	From Serial No: 16317 - See Page 4-3
6	13030-0090	COVER ENGINE COMPARTMENT	1	Up To Serial No: 16317
	13030-0104	COVER ENGINE COMPARTMENT	1	From Serial No: 16317 - See Page 4-3
	44033-0039	COVER STAY TELESCOPIC	2	Up to Serial No: 15544
	44029-0190	GAS STRUT	2	From S/No: 15545 - Up To S/No: 16317
	49039-0019	COVER SIDE HINGE (FEMALE)	4	Up To Serial No: 16317
	44033-0038	DRAW LATCH (WITH KEEPER)	2	Up To Serial No: 16317
7	13121	SLEW RING	1	
	13030-0067	SLEW RING COVER	1	
9	16510	FILTER	1	
	41030-0055	FILTER ELEMENT	1	
10	44006-0003	M12 x 70 LG HEX HEAD 12.9	4	Up to Serial No: 17224
	44013-0057	HARDENED WASHER	4	Up to Serial No: 17224 - Not Illustrated
	MS614	SPACER (30mm)	4	Up to Serial No: 17224 - Not Illustrated
11	14315	SLEW GEARBOX	1	Up to Serial No: 17500
	41034-0106	SLEW GEARBOX SEAL KIT	1	Up to Serial No: 17500 - For P/No: 14315
FROM SERIAL NO: 17225 (SLEW GEARBOX 14315 WILL NEED 12MM MOUNTING HOLES OPENED OUT TO 14MM)				
10	44006-0009	M14 x 70 HEX HEAD 12.9	4	From Serial No: 17225
	44013-0090	M14 HARDENED WASHER	4	From Serial No: 17225
	49048-0001	SPACER 14mm	4	From Serial No: 17225
FROM SERIAL NO: 17500 (SLEW GEARBOX 44023-0379 FITTED, CAN BE RETROFITTED FROM 17225 ONWARDS)				
11	44024-0379	SLEW GEARBOX	1	From Serial No: 17500 - See Page 4-24
	10854	ROTATION MOTOR	1	
12	42006-0031	STARTER BATTERY BOX	1	
	42006-0032	PLASTIC BATTERY PACKING	1	Not Illustrated
	14556	12 V STARTER BATTERY	1	Not Illustrated
13	16144	SIREN 3 TONE	1	
	43005-0021	BEACON MOUNT ASSEMBLY	1	Not Illustrated
14	44003-0044	SPECIAL M30 BOLT	1	
	44008-0007	M30 NUT	1	
	44013-0080	M30 WASHER	1	
	10854	ROTATION MOTOR	1	
15	GS419	BALLAST RETAINING ASSEMBLY	2	
16	44003-0020	M20 x 50 HEX HEAD SCREW	2	
	11410	M12 LOCK NUT	6	
	44013-0070	M20 SPRING WASHER	2	
17	10932	M12 x 60 HEX HEAD SCREW	6	
18	41001-0003	EMERGENCY PUMP	1	Option Only - See Page 4-2a
19	16474	DIVERTER VALVE	1	
20	14380	DIVERTER VALVE LEVER	1	

TURRET ASSEMBLY

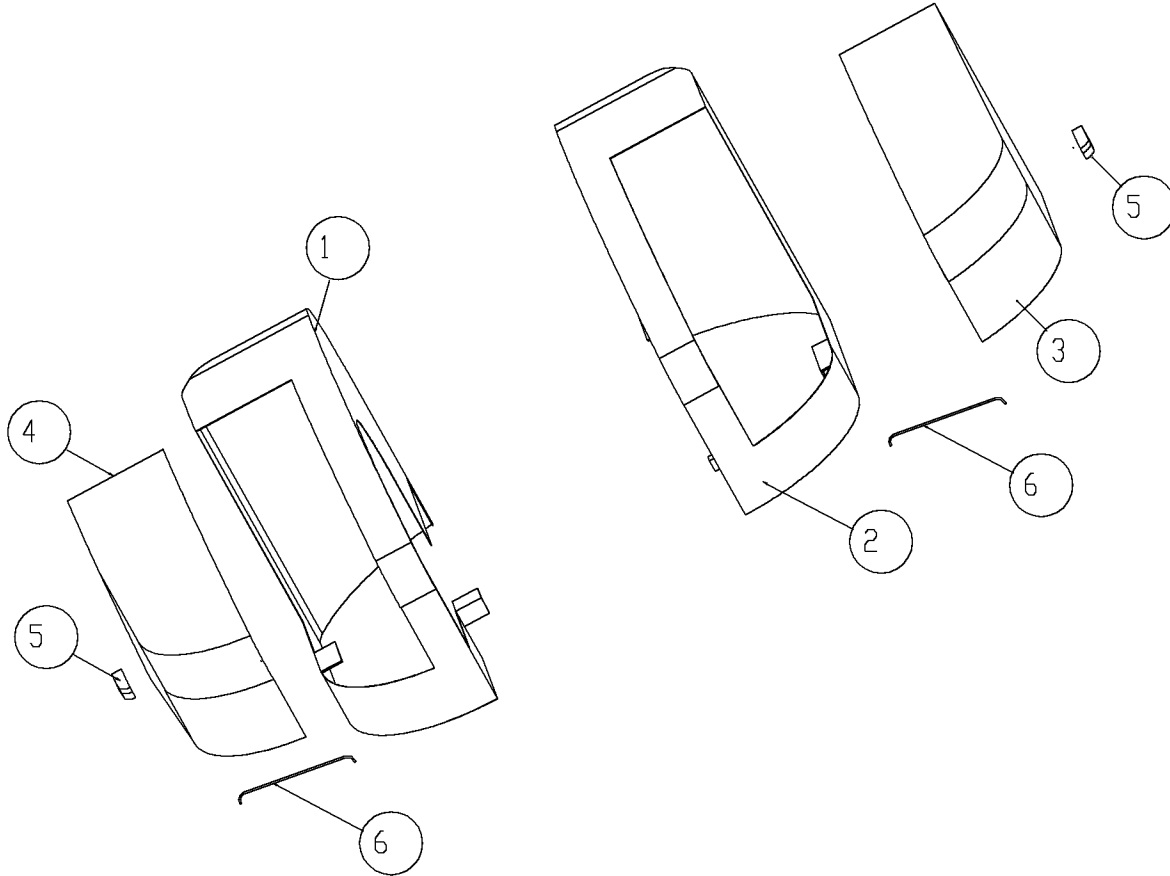
EMERGENCY PUMP OPTION - P/N: 41001-0003



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	

STEEL COVERS

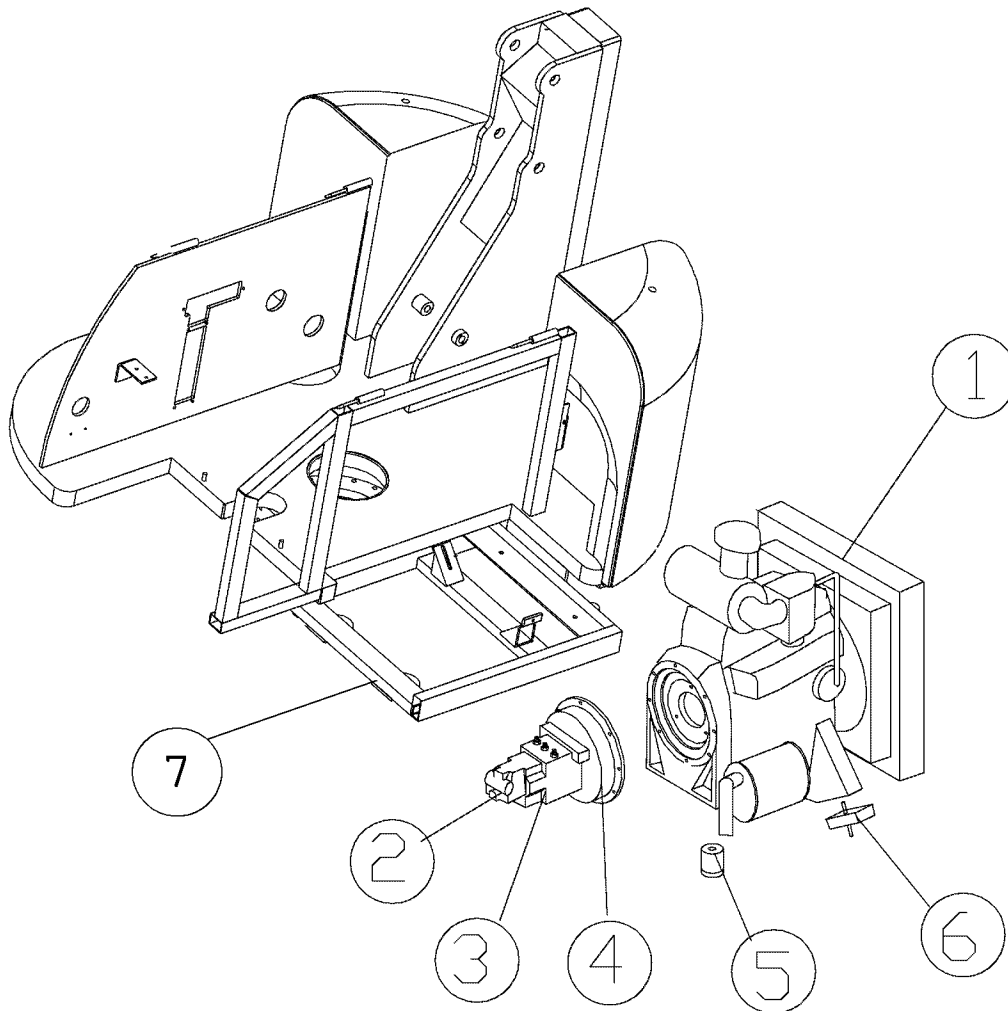
From Serial No: 16317



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	13030-0103	HYDRAULIC COMPARTMENT COVER COMPLETE	1	
2	13030-0104	ENGINE COMPARTMENT COVER COMPLETE	1	
3	43020-0045	ENGINE COMPARTMENT COVER	1	
4	43020-0046	HYDRAULIC COMPARTMENT COVER	1	
5	44029-0202	PADDLE LATCH	1	
6	49041-0068	STAY	1	

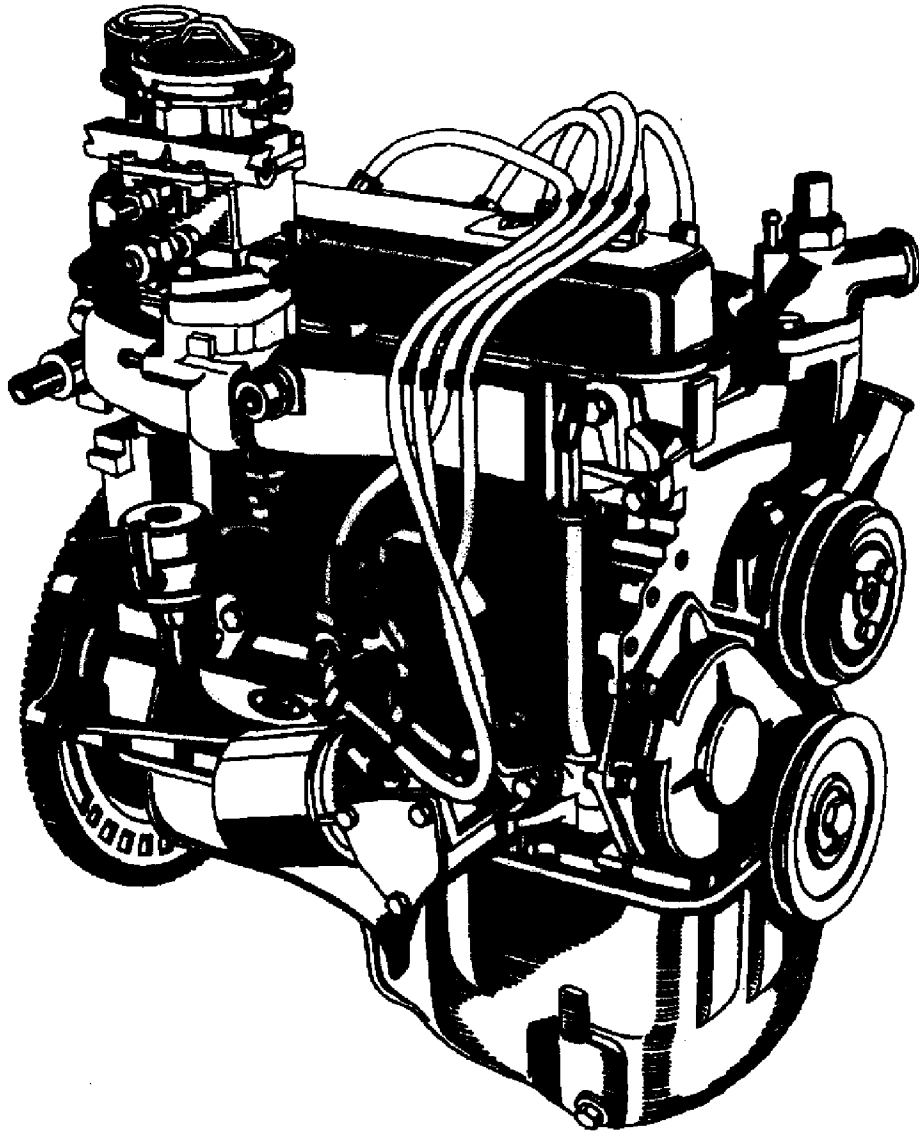
TURRET ASSEMBLY

FORD 1.3 BI-FUEL ENGINE ASSEMBLY - OPTION



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	44046-0007	BI-FUEL ENGINE	1	
2	41017-0046	GEAR PUMP SEAL KIT	1	
3	41017-0045	DRIVE PUMP SEAL	1	
4	17066	PUMP COUPLING	1	
5	44023-0267	REAR ENGINE MOUNT	2	
6	44023-0368	FRONT ENGINE MOUNT	2	
	41034-0141	HYDRAULIC PUMP SEAL KIT	1	Not Illustrated
	41034-0142	GEAR PUMP SEAL KIT	1	Not Illustrated
	41012-0044	PETROL HOSE	1	(USA, Gas Hose)
	41010-0711	PROPANE HOSE / FITTING KIT	1	
7	33003-0009	BI-FUEL ENGINE FRAME	1	

FORD BI-FUEL ENGINE OPTION - P/N: 44046-0007

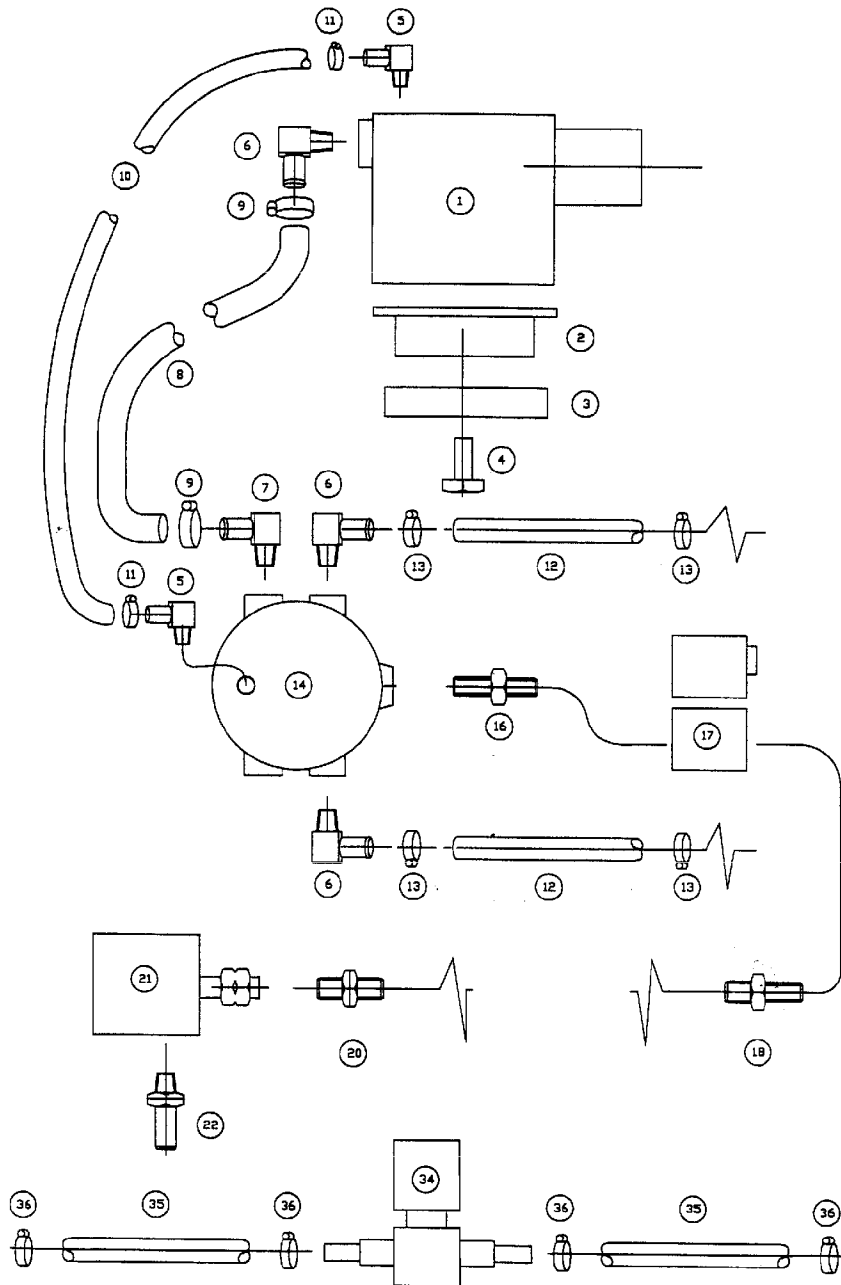


TURRET ASSEMBLY

FORD BI-FUEL ENGINE OPTION - P/N: 44046-0007

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	P89BF-6005-BE	FORD BI-FUEL ENGINE	1	
	TA-003-072	CARBURETTOR	1	
	44047-0100	AUTO CHOCK CARBURETTOR	1	
	TA-003-102	LPG MIXER, ADAPTOR, CONVERTOR	1	
	TA-005-005	ELECTRIC FUEL PUM AND FILTER	1	
	3J-537-B	WATER PUMP PULLEY, SINGLE SHEAVE	1	
	3K-410-B	EXHAUST MANIFOLD, AUTO DOWN	1	
	3Q-644-B	ALTERNATOR & PULLEY	1	
	TA-020-042	ELECTRONIC GOVERNOR	1	
	TA-101-013	IGNITION MODULE & WIRING LOOM	1	
	TA-025-014	KIT, CONNECTOR AND TERMINALS	1	
	3Q-242-3	ALTERNATOR WIRING CONNECTIONS	1	
	3Q-479-B	STARTER MOTOR ASSY, 0.8 KW	1	
	TA-009-023	FAN, PLASTIC, 4 BLADE, PULLER	1	
	3L-824-B	AIR CLEANER REMOTE	1	
	3L-826-B	AIR CLEANER BRACKET	1	
	3L-825-B	AIR CLEANER RAIN CAP	1	
	3G-70-B	CRANKCASE VENT	1	
	E91L-8548-CA	HOSE WATER BYPASS	1	
	E6TZ-9171-C	HOSE CLAMP 1.12 ROUND	1	
	E8JL-8286-AA	HOSE COOLANT W/P INLET	1	
	E9JL-8286-AA	HOSE RADIATOR LOWER	1	
	B7AZ-8287-C	HOSE CLAMP 13/16 - 3/4 ID	1	
	E5JL-8260-AA	HOSE RADIATOR UPPER	1	
	E8JL-8A521-BA	TUBE - RADIATOR TO W/P	1	
	E2NN-B100A-AA	CAP - RADIATOR 7LB	1	
	E9JL-8005-AA	RADIATOR	1	
	44033-0040	EXHAUST SILENCER	1	
	E3F2-9155-F	FUEL FILTER	1	
	EFL-5002	OIL FILTER (1070-523)	1	
	EZA301	AIR CLEANER	1	UO9K22 COOPER

FORD BI-FUEL KIT

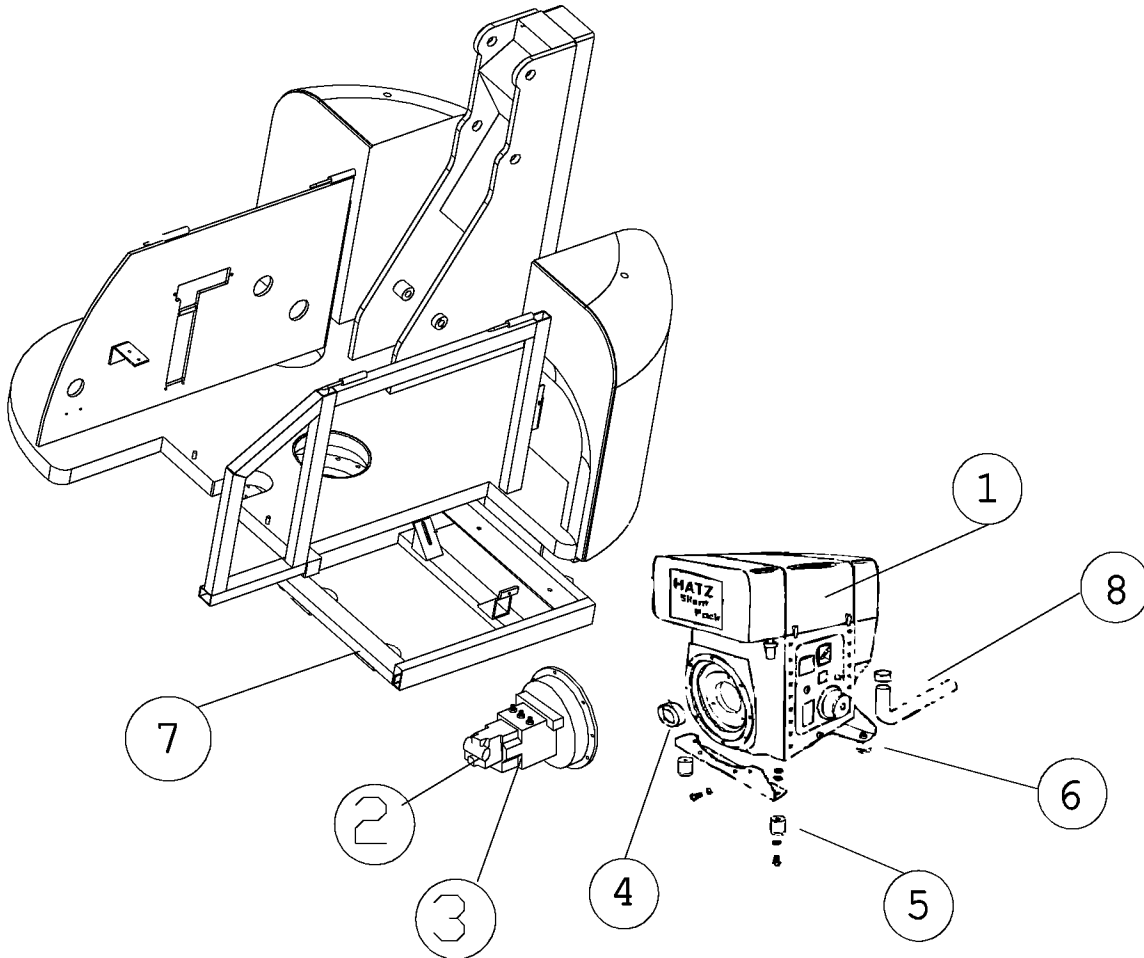


TURRET ASSEMBLY

FORD BI-FUEL KIT

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	CA55M5-4	MIXER	1	
2	A3-85	ADAPTOR, MIXER BASE	1	
3		ADAPTOR, CARBURETTOR TO MIXER BASE	1	
4		SCREW	2	
5	F4-12	ELBOW, 1/8NPT - 3/8 HOSE	2	
6	F4-17	ELBOW 3/8NPT-5/8 HOSE	2	
6A	F4-18	FITTING, 3/8NPT-5/8 HOSE	1	
7	F4-19	ELBOW, 1/2NPT-5/8 HOSE	1	
8	62-2223-1000	GAS HOSE 5/8"		
9	65-0001-4610	HOSE CLIP 16-25 MM	2	
10	62-2223-0600	BALANCE LINE 3/8"		
11		HOSE CLIP	2	
12	62-4010-0020	COOLANT HOSE 5/8"	1	
13	65-0001-4610	HOSE CLIP	4	
14	KB	REGULATOR / VAPORISER	1	
14A	S2-38	SPRING, SECONDARY 13 MM WC, ORANGE	1	
16	63-0483-1040	M/M CONNECTOR 1/4" NPT-M 10 X 1	1	
17	42-3540-1200	FILTER / LOCK-OFF 12V-2 POLE CONNECTOR	1	
18	63-0483-1045	FITTING M10 X 1-5/16" FLARE	1	
20	63-0480-6040	CONNECTOR 3/8" FLARE - 1/4" NPT	1	
21	63-0000-0444	BULBHEAD FITTING	1	
22	54-3865-0000	RELIEF VALVE 400 PSI	1	
34	46-3540-1200	SOLENOID PETROL 12V WITH 6 & 8MM CONNECTIONS	1	
35	62-1060-0000	GASOLINE HOSE		
36	65-0001-0813	HOSE CLIPS 9 - 12 MM	4	

HATZ DIESEL ENGINE ASSEMBLY - OPTION

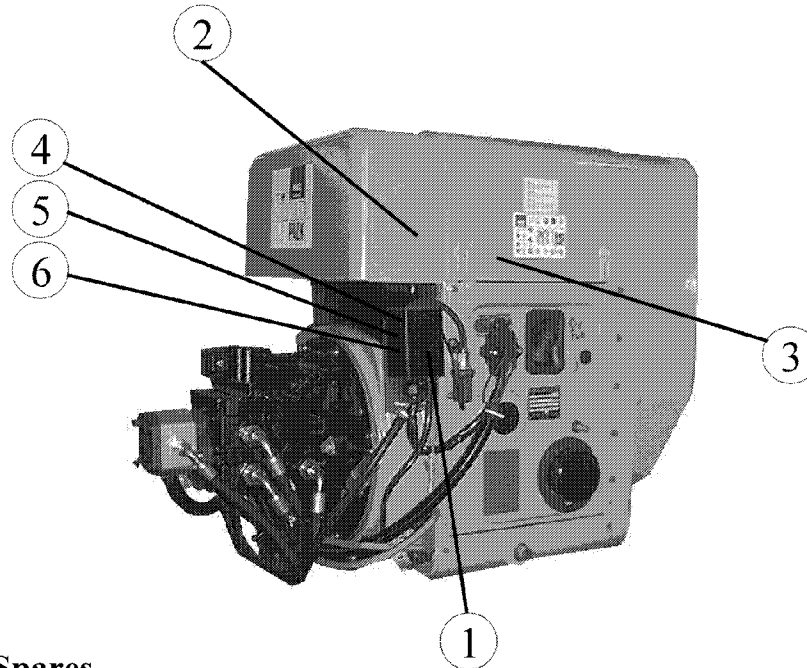


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	14113	HATZ "SILENT PACK" DIESEL ENGINE	1	
2	41017-0046	GEAR PUMP SEAL KIT	1	
3	41017-0045	DRIVE PUMP SEAL	1	
4	17066	PUMP COUPLING	1	
5	44023-0267	REAR ENGINE MOUNT	2	
6	44023-0368	FRONT ENGINE MOUNT	2	
	41034-0141	HYDRAULIC PUMP SEAL KIT	1	Not Illustrated
	41034-0142	GEAR PUMP SEAL KIT	1	Not Illustrated
	41012-0046	DIESEL FUEL HOSE	1	Not Illustrated
7	33003-0010	DIESEL ENGINE FRAME	1	
8	49448-0001	EXHAUST TAIL PIPE	1	Up to serial no: 15544
		EXHAUST TAIL PIPE	1	From serial no: 15545
	16152	EXHAUST CLAMP		

TURRET ASSEMBLY

HATZ DIESEL ENGINE OPTION - P/N: 14113

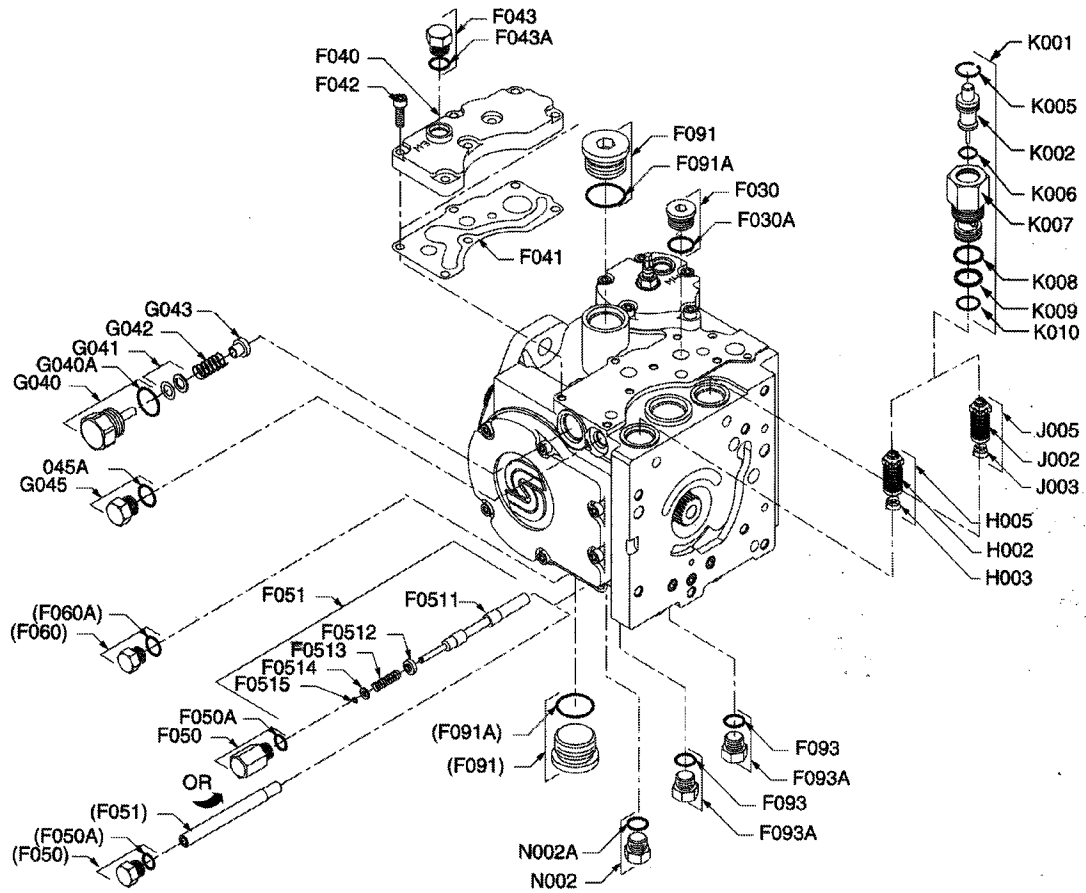
From Serial No: 15849



Common Spares

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
	49053802	REGULATOR	1	
	40121002	ALTERNATOR COMPLETE	1	
	00992202	CYLINDER GASKET SET	2	
	01230902	CRANKCASE GASKET SET	1	
	00987104	1000 HRS MAINTENANCE KIT	1	
	01544100	EMERGENCY KIT	1	
	50203100	DRIVE BELT	1	
	00922900	AIR FILTER	1	
	03647600	AIR FILTER GASKET	1	
	44047-0112	FUEL FILTER (INTERNAL)	1	Under top cover
	44047-0063	FUEL PRE-FILTER (EXTERNAL)	1	
	01109101	SILENCER	1	
	50183500	STARTER MOTOR 12V	1	
	01247011	OIL FILTER	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

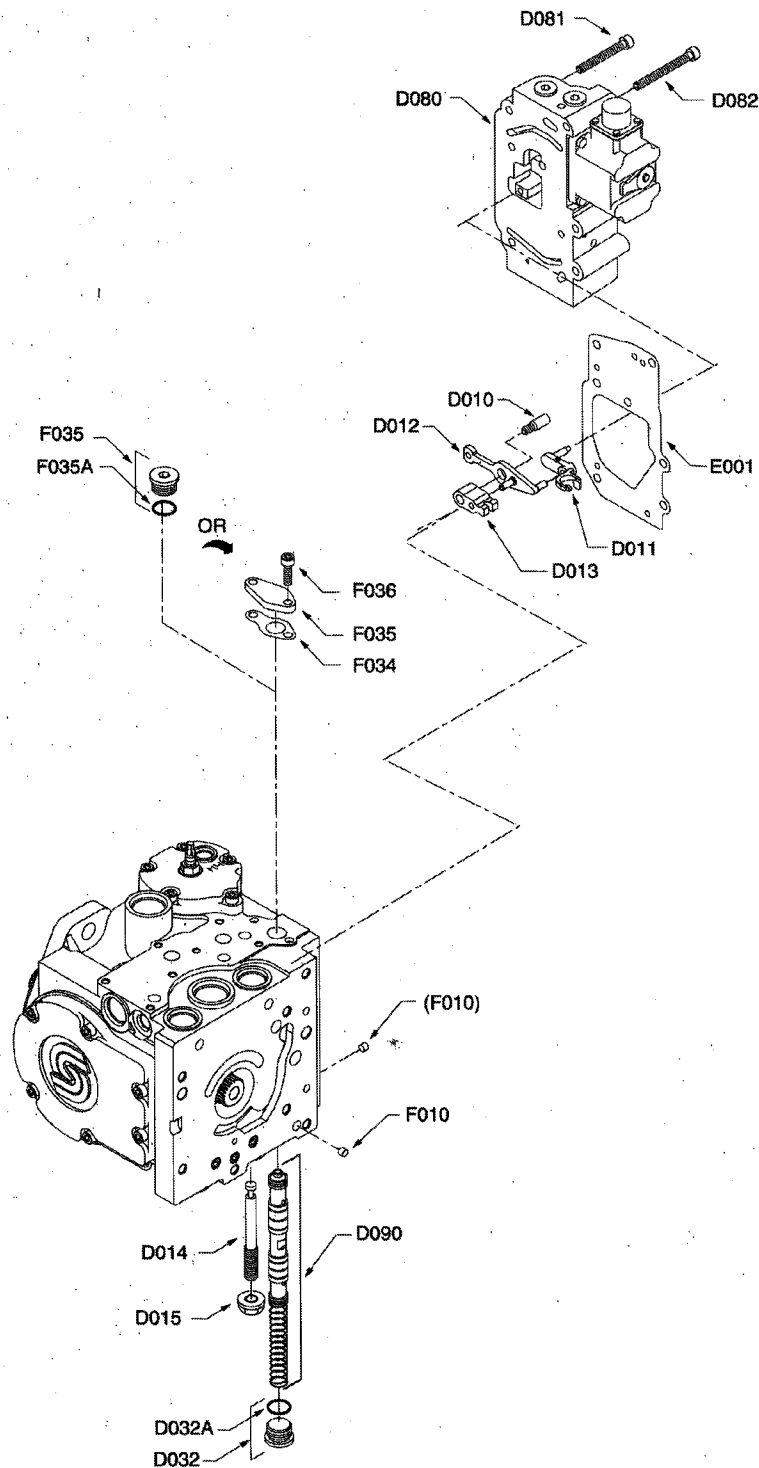
PISTON PUMP - P/N 41017-0045



SEAL KIT P/N 41034-0141

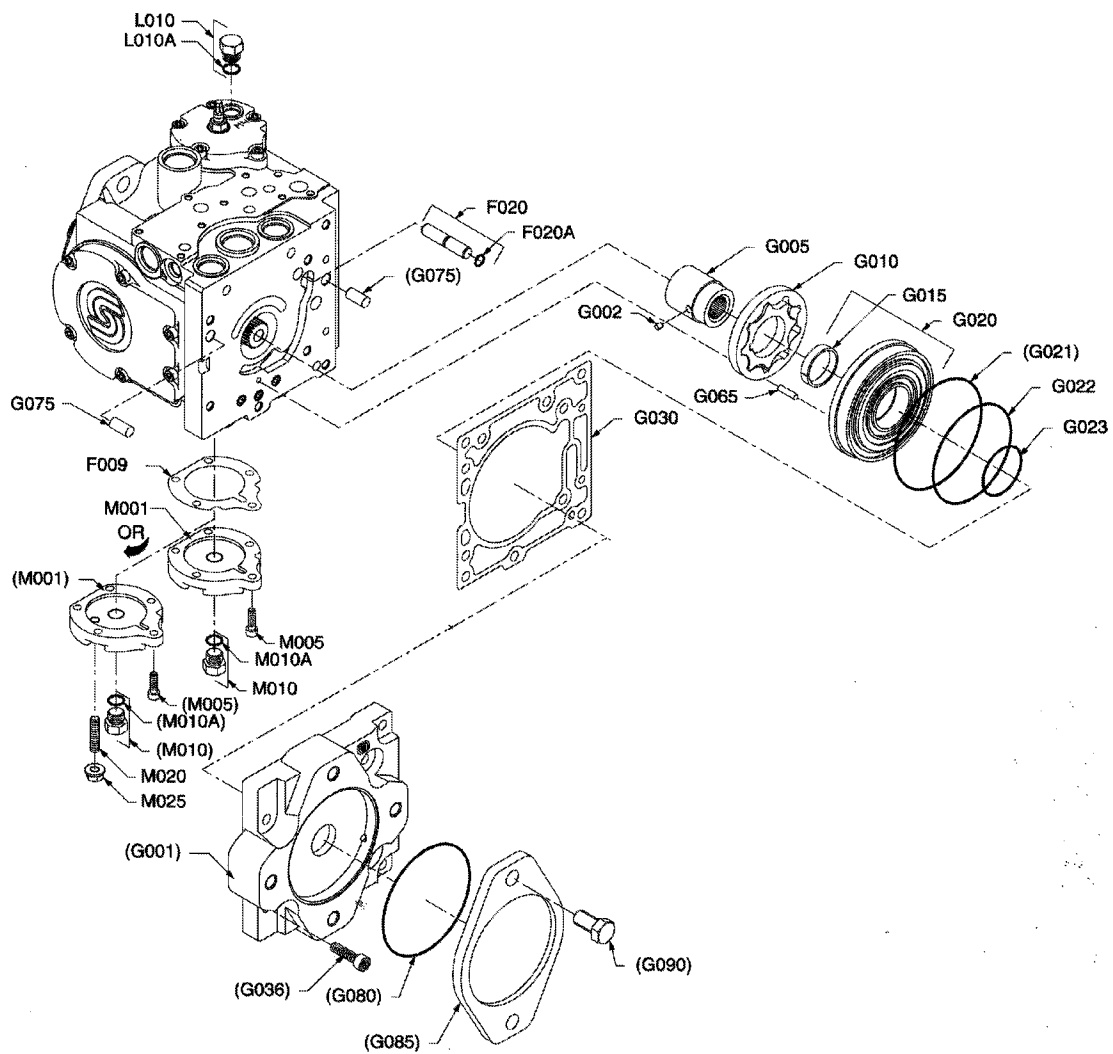
TURRET ASSEMBLY

PISTON PUMP - P/N 41017-0045



SEAL KIT P/N 41034-0141

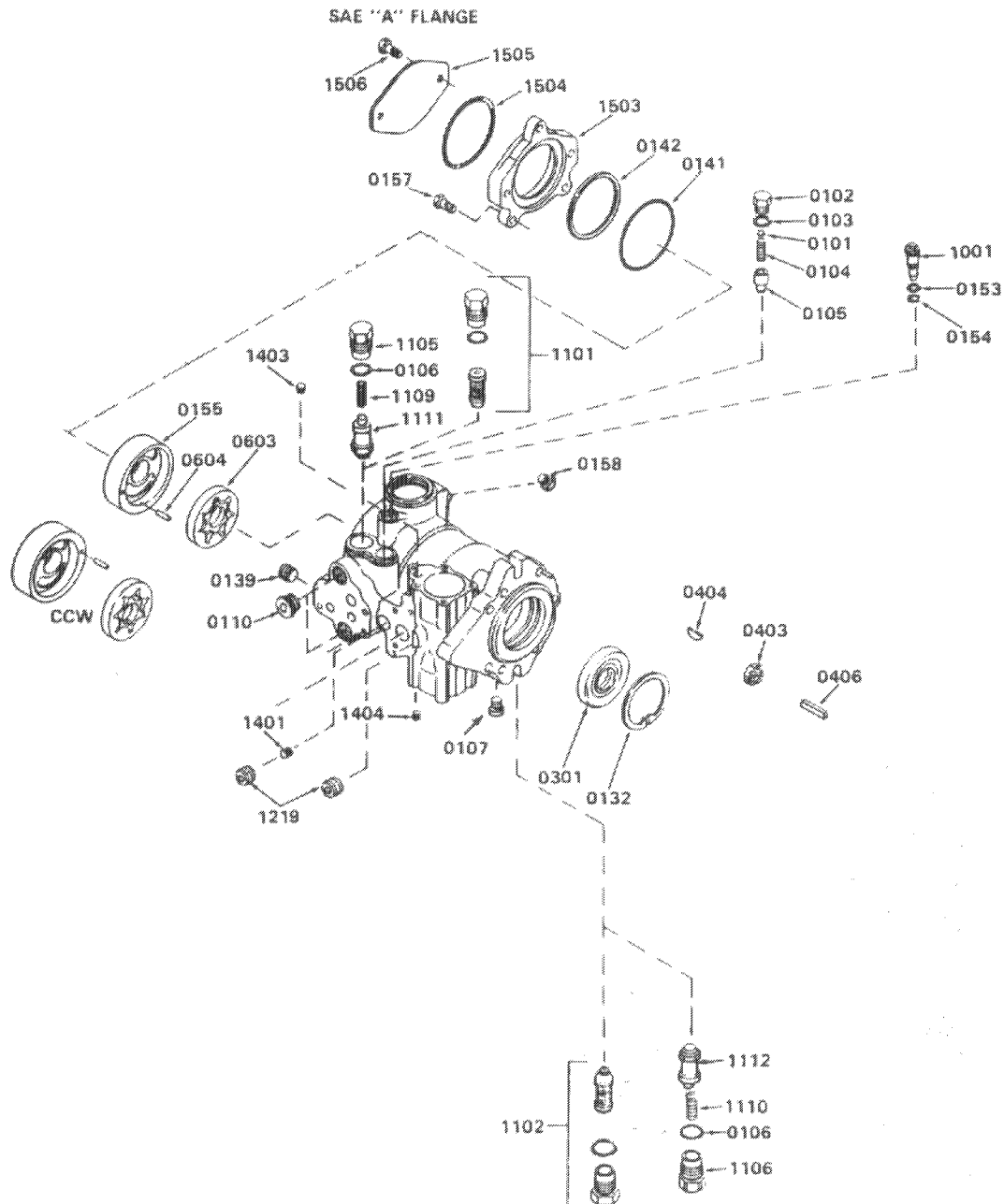
PISTON PUMP - P/N 41017-0045



SEAL KIT P/N 41034-0141

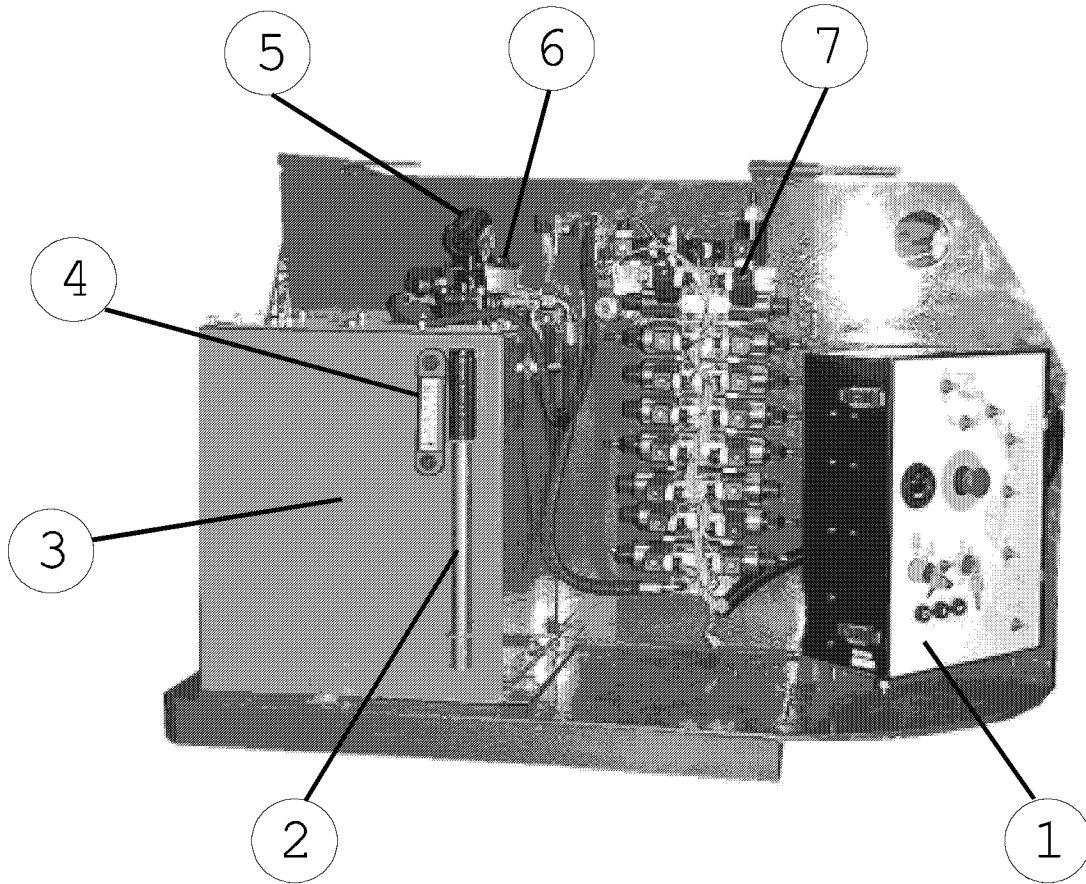
TURRET ASSEMBLY

PISTON PUMP - P/N 41017-0045



SEAL KIT P/N 41034-0141

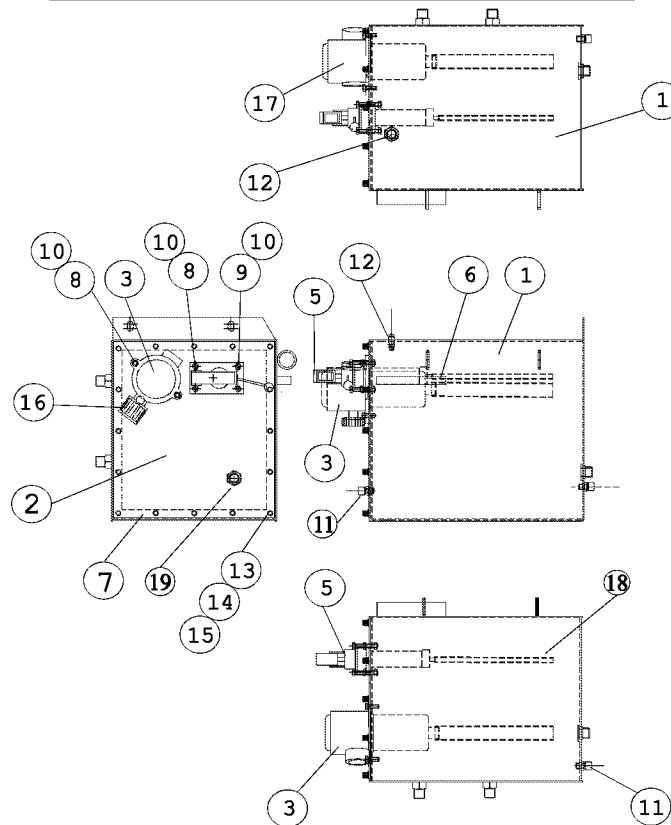
HYDRAULIC MODULE



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42020-0024	LOWER CONTROL BOX - BI-FUEL	1	Ford Bi-Fuel Option Section
	42020-0027	LOWER CONTROL BOX - DIESEL	1	Hatz Diesel Option Section
	42020-0054	LOWER CONTROL BOX - DIESEL	1	Hatz Diesel Option From S/No: 17500
2	41017-0048	HAND PUMP HANDLE	1	
3	23032-0009	HYDRAULIC TANK	1	
4	12398	LEVEL GAUGE	1	
5	41017-0042	HAND PUMP	1	
6	41030-0039	RETURN FILTER	1	
7	41028-0031	VALVE BLOCK	1	

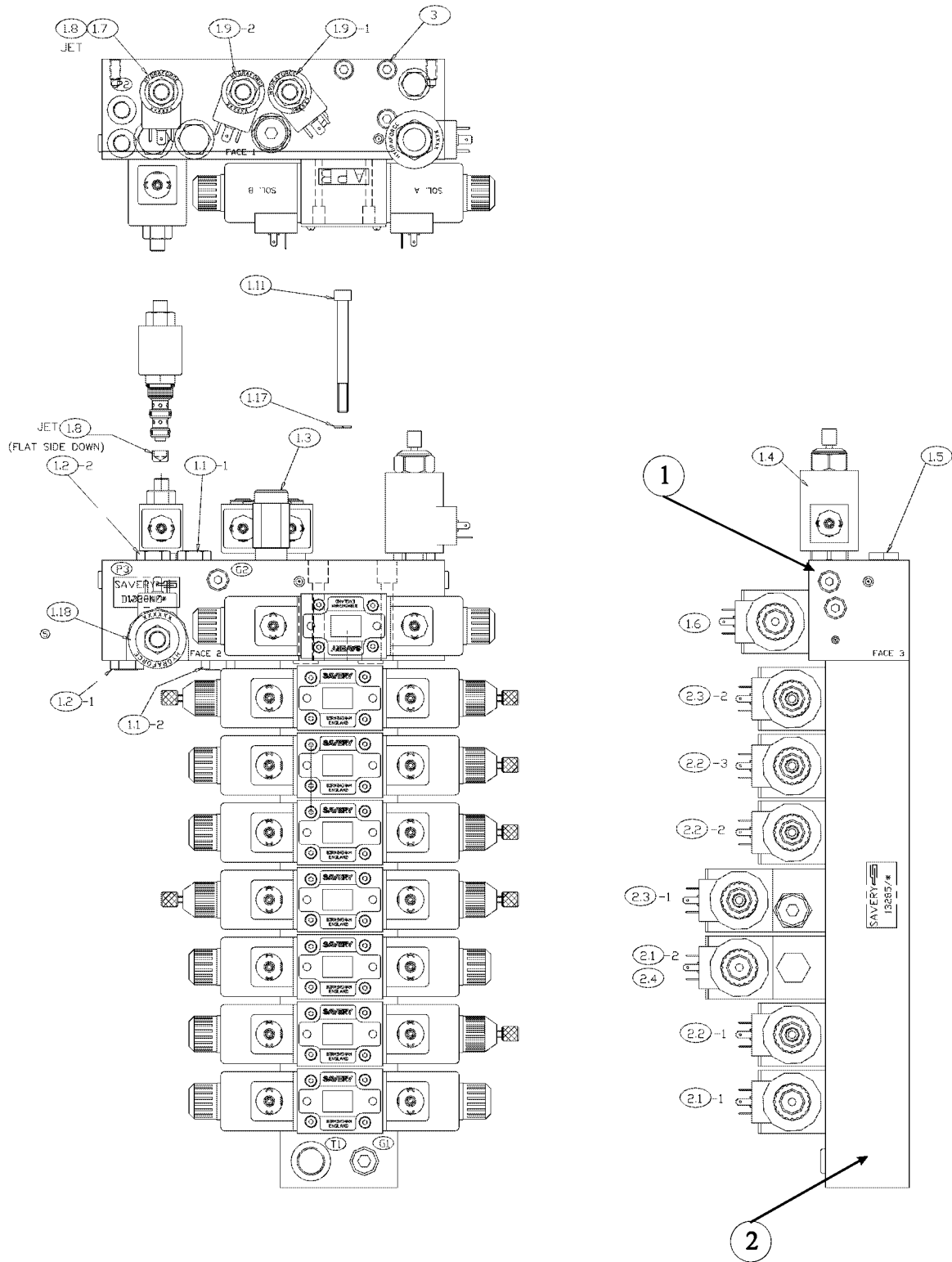
TURRET ASSEMBLY

HYDRAULIC TANK



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21027-0038	TANK FABRICATION	1	
2	49000-1643	INSPECTION COVER	1	
3	41030-0039	RETURN FILTER COMPLETE	1	
5	41017-0042	HAND PUMP	1	
	41034-0147	HAND PUMP SEAL KIT	1	Not Illustrated
6	12398	LEVEL GUAGE	1	
7	GASK388*356	GASKET		
8	44004-0082	M8 X 20 CAP SCREW	4	
9	44004-0087	M8 X 50 CAP SCREW	2	
10	44013-0022	M8 SPRING WASHER	6	
11	31013-0139	½" BSP F BLANK	1	Up to 30/11/00
	41032-0021	1" BSP QUICK RELEASED COUPLING	1	From 1/2/01
12	41032-0011	3/8" MBSP QUICK RELEASE COUPLING	1	Up to 30/11/00
13	44013-0006	M6 STEEL WASHER	16	
14	44013-0025	M6 SPRING WASHER	16	
15	44002-0354	M6X20 CAP SCREW	16	
16	41053-0002	AIR FILTER ELEMENT	1	
17	41030-0045	RETURN FILTER ELEMENT	1	
18	41012-0052	SUCTION PIPE HANDPUMP	1	
19	31013-0458	¾" BSP CAP	1	From 1/2/01

MANIFOLD BLOCK - P/N: 41028-0031





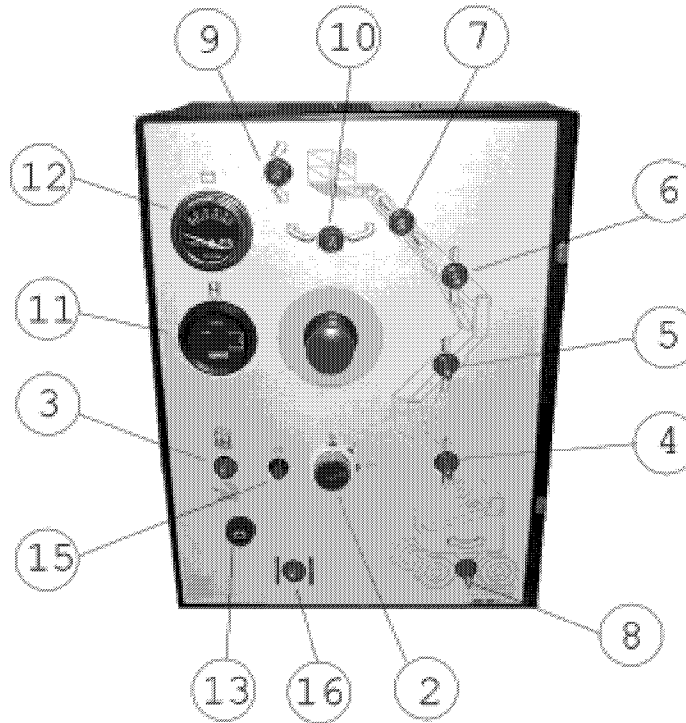
TURRET ASSEMBLY

MANIFOLD BLOCK - P/N: 41028-0031

ITEM	PART NO	DESCRIPTION	QTY	REMARKS
1	41029-0032	TOP MANIFOLD BLOCK COMPLETE	1	
1.1	41009-0037	CHECK VALVE	2	
1.2	41009-0038	CHECK VALVE	2	
1.3	41006-0047	PRESSURE RELIEF VALVE	1	
1.4	41003-0091	PROPORTIONAL VALVE	1	
1.5	41020-0350	CAVITY PLUG	1	
1.6	41003-0092	TORQUE / DIFF LOCK VALVE	1	
1.7	41003-0094	BRAKE VALVE	1	
1.8	41020-0351	FLOW CONTROL INSERT	1	
1.9	41003-0095	SOLENOID VALVE	2	
1.10	41015-0087	O-RING	2	
1.11	41020-0352	CAP SCREW	4	
	41015-0088	AV SEAL	7	Not Illustrated
	41015-0089	AV SEAL	5	Not Illustrated
	41020-0353	FLUSH PLUG	3	Not Illustrated
	41020-0354	BLANK PLUG	4	Not Illustrated
	41020-0355	BLANK PLUG	1	Not Illustrated
1.17	41014-0003	SPRING WASHER	4	
1.18	41003-0096	DUMP VALVE	1	
2	41029-0033	LOWER MANIFOLD BLOCK COMPLETE	1	
2.1	41003-0097	SOLENOID VALVE	2	
2.2	41003-0098	MANUAL OVERRIDE SOLENOID VALVE	3	
2.3	41003-0099	MANUAL OVERRIDE SOLENOID VALVE	2	
	41023-0133	SANDWICH BOOT	1	Not Illustrated
	41009-0039	CHECK VALVE	2	Not Illustrated
	41023-0134	PILOT PISTON	1	Not Illustrated
	41015-0090	AV SEAL	14	Not Illustrated
	41020-0356	BLANK PLUGS	3	Not Illustrated
	41020-0357	PROTECTION PLUG	20	Not Illustrated
	42015-0152	SOLENOID COIL	17	

LOWER CONTROL BOX - DIESEL OPTION P/N: 42020-0027

From Serial No: 16970 Box Renumbered to 42020-0054 to include new Engine Harness and Plug

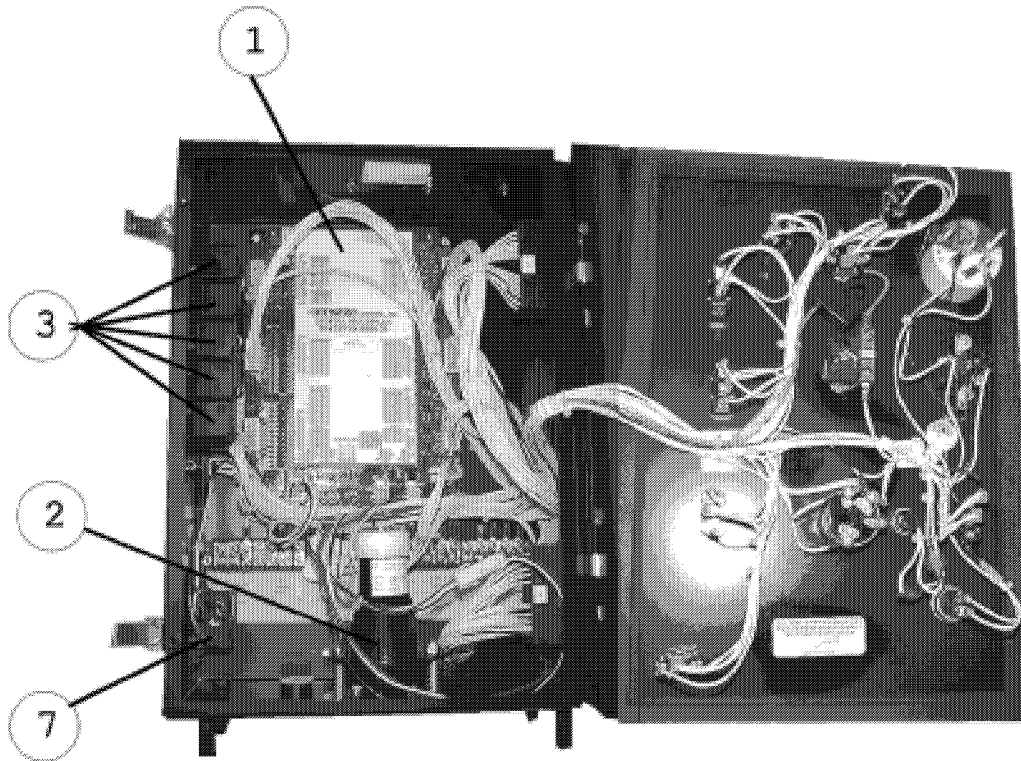


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42002-0342	EMERGENCY STOP BUTTON	1	For emergency stop button
	42002-0343	CONTACT (NORMALLY CLOSED)	1	
2	42002-0349	ENGINE KEYSWITCH	1	
3	42002-0348	CAGE/GROUND SELECT SWITCH	1	
4	42002-0346	LIFT 1 BOOM SWITCH	1	
5	42002-0346	LIFT 2 BOOM SWITCH	1	
6	42002-0346	LIFT 3 BOOM SWITCH	1	
7	42002-0346	TELEBOOM SWITCH	1	
8	42002-0346	STEER ROTATE SWITCH	1	
9	42002-0346	CAGE LEVEL SWITCH	1	
10	42002-0346	CAGE ROTATE SWITCH	1	
11	42019-0049	HOURLMETER	1	
12	42019-0051	BATTERY VOLT INDICATOR	1	
13	42010-0296	ENGINE CONDITION INDICATOR	1	
	42010-0037	INDICATOR LAMP BULB	1	Not Illustrated
	42011-0053	10 AMP FUSE	1	Not Illustrated
15	42002-0348	ENGINE PRE-HEAT	1	
16	42002-0348	EMERGENCY PUMP SWITCH	1	Optional

TURRET ASSEMBLY

LOWER CONTROL BOX - DIESEL OPTION P/N: 42020-0027

US Machines - Up to Serial No: 15848

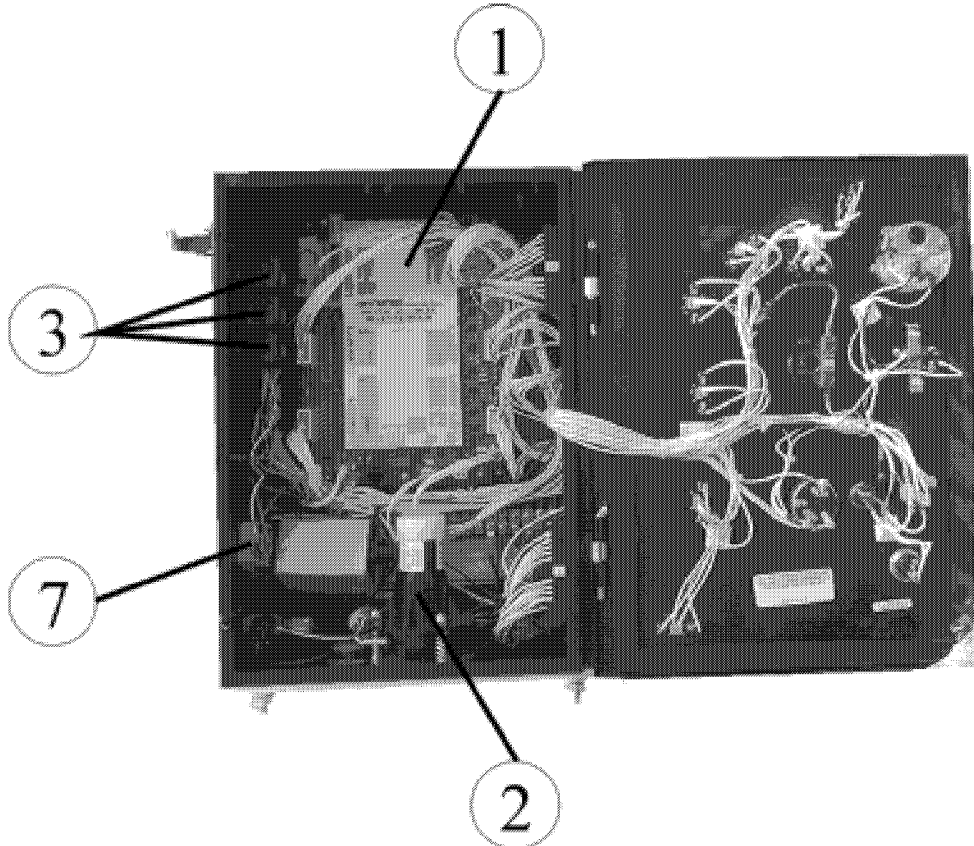


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42014-0166	PCB - DMR - 30 - 513	1	US Machines Up to Serial 15873
	42014-0165	PCB - DMR - 30 - 519	1	US Machines From Serial 15874
2	42013-0345	TILT SENSOR (5 DEGREE)	1	
3	42015-0133	RELAY	4	
4	42013-0391	HARNESS FROM BOX TO VALVE BLOCK	1	Not Illustrated
6	42014-0150	STARTER LOCK-OUT DIESEL	1	Not Illustrated
7	42015-0146	TIMER RELAY (TEREX)	1	Up to August 1999
	42015-0147	OEM RELAY (TEREX OEM)	1	After August 1999
MAINTENANCE TOOLS FOR WIRING HARNESS				
	42009-0052	CRIMP TOOL		Not Illustrated
	42009-0054	REMOVAL TOOL		Not Illustrated
	42009-0055	FEMALE SOCKET		Not Illustrated
	42009-0056	MALE SOCKET		Not Illustrated

LOWER CONTROL BOX - DIESEL OPTION P/N: 42020-0027

US Machines - From Serial No: 15849

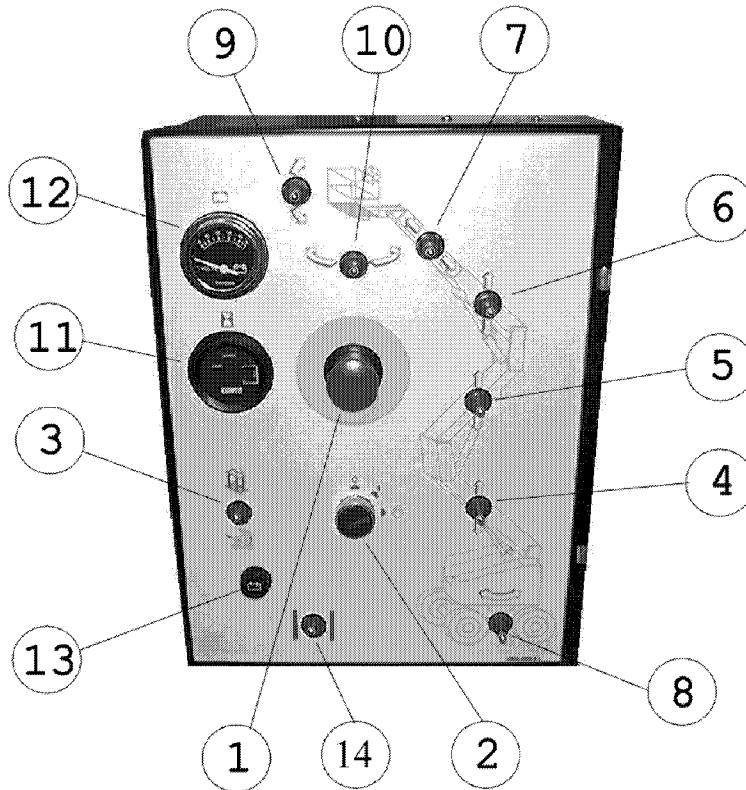
From Serial No: 16970 Box Renumbered to 42020-0054 to include new Engine Harness and Plug



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42014-0166	PCB - DMR - 30 - 513	1	US Machines Up to Serial 15873
	42014-0165	PCB - DMR - 30 - 519	1	US Machines From Serial 15874
2	42013-0345	TILT SENSOR (5 DEGREE)	1	
3	42015-0133	RELAY	4	
4	42013-0391	HARNESS FROM BOX TO VALVE BLOCK	1	Not Illustrated
6	42014-0150	STARTER LOCK-OUT DIESEL	1	Not Illustrated
7	42015-0146	TIMER RELAY (TEREX)	1	Up to August 1999
	42015-0147	OEM RELAY (TEREX OEM)	1	After August 1999
MAINTENANCE TOOLS FOR WIRING HARNESS				
	42009-0052	CRIMP TOOL		Not Illustrated
	42009-0054	REMOVAL TOOL		Not Illustrated
	42009-0055	FEMALE SOCKET		Not Illustrated
	42009-0056	MALE SOCKET		Not Illustrated

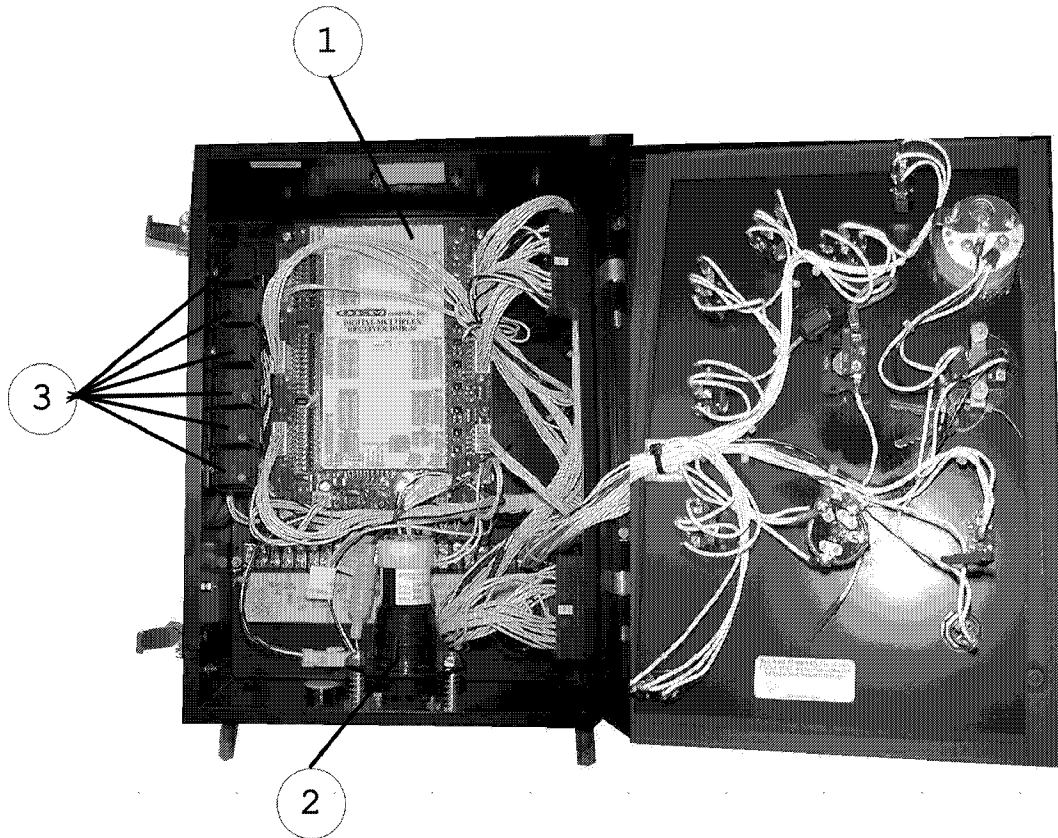
TURRET ASSEMBLY

LOWER CONTROL BOX - BI-FUEL P/N: 42020-0024



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42002-0342	EMERGENCY STOP BUTTON	1	For emergency stop button
	42002-0343	CONTACT (NORMALLY CLOSED)	1	
2	42002-0349	ENGINE KEYSWITCH	1	
3	42002-0348	CAGE/GROUND SELECT SWITCH	1	
4	42002-0346	LIFT 1 BOOM SWITCH	1	
5	42002-0346	LIFT 2 BOOM SWITCH	1	
6	42002-0346	LIFT 3 BOOM SWITCH	1	
7	42002-0346	TELEBOOM SWITCH	1	
8	42002-0346	STEER ROTATE SWITCH	1	
9	42002-0346	CAGE LEVEL SWITCH	1	
10	42002-0346	CAGE ROTATE SWITCH	1	
11	42019-0049	HOURLMETER	1	
12	42019-0051	BATTERY VOLT INDICATOR	1	
13	42010-0296	ENGINE CONDITION INDICATOR	1	
	42010-0037	INDICATOR LAMP BULB	1	Not Illustrated
	42011-0053	10 AMP FUSE	1	Not Illustrated
14	42002-0348	EMERGENCY PUMP SWITCH	1	Optional

LOWER CONTROL BOX - BI-FUEL P/N: 42020-0024

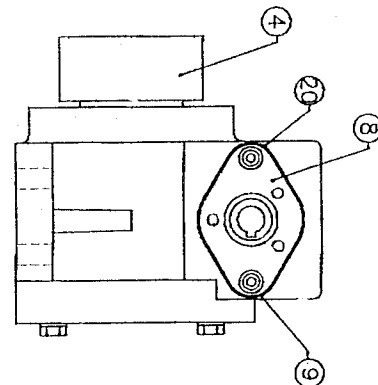
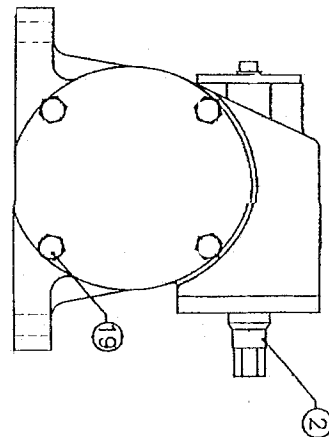
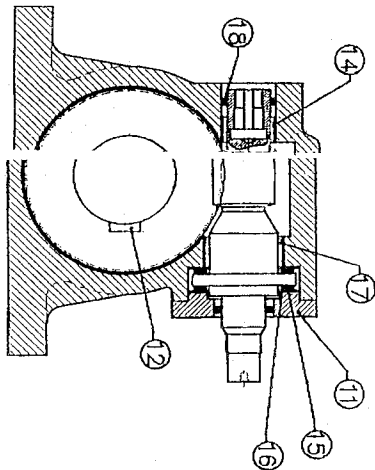
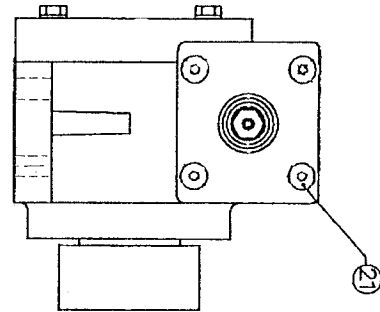
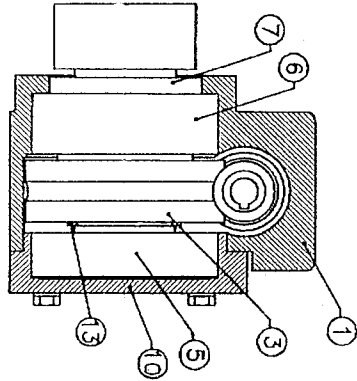


ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42014-0140	PCB - DMR-30	1	Not Illustrated
2	42013-0345	TILT SENSOR (5 DEGREE)	1	
3	42015-0133	RELAY	6	
	42013-0391	HARNESS FROM BOX TO VALVE BLOCK	1	
4	42014-0151	STARTER LOCK-OUT BI-FUEL	1	

TURRET ASSEMBLY

SLEW GEARBOX - P/No: 44024-0379

From Serial No: 17225





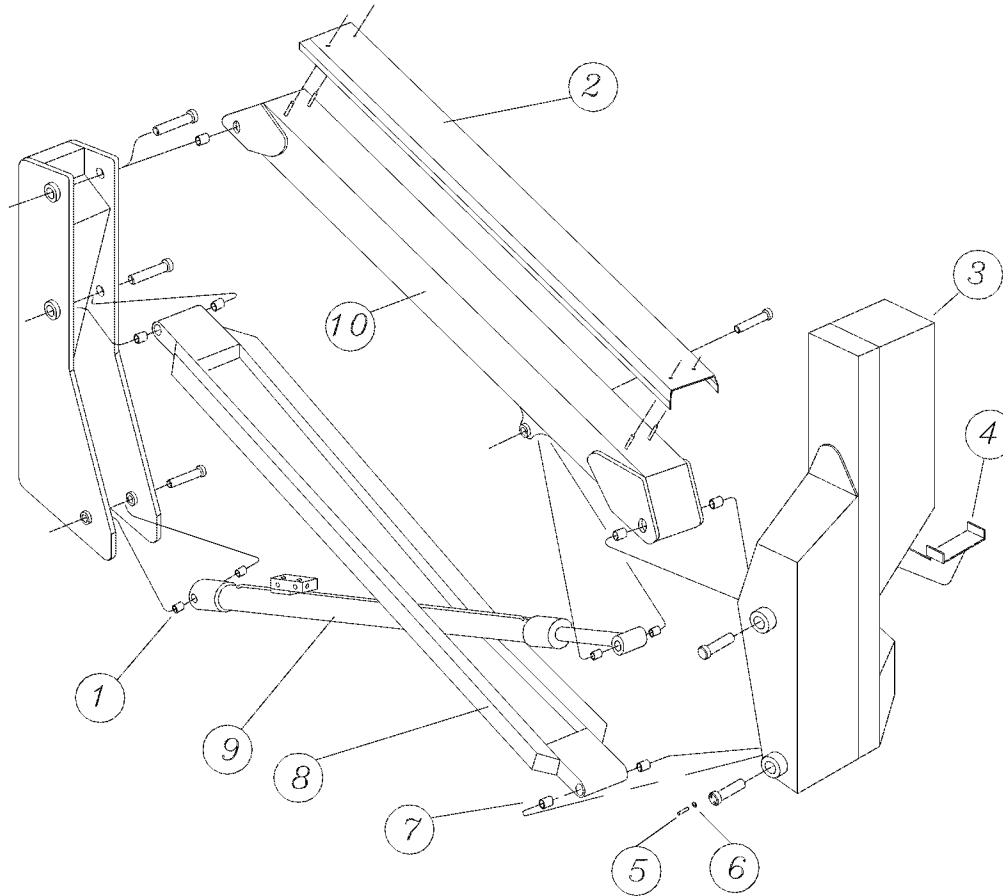
TURRET ASSEMBLY

SLEW GEARBOX - P/No: 44024-0379

From Serial No: 17225

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1		GEARBOX	1	
2		WORM WHEEL	1	
3		WORM	1	
4		PINION	1	
5		PINION BEARING	1	
6		PINION BEARING	1	
7		PINION SEALING RING 80 x 90 x 8	1	
8		MOUNT PLATE	1	
9		CENTERING SLEEVE	2	
10		CLOSED COVER	1	
11		SIDE CLOSED COVER	1	
12		KEY 18 x 11 x 50	1	
13		CIRCLIP	1	
14		NEEDLE BEARING	1	
15		RADIAL NEEDLE BEARING	2	
16		BEARING FOOTSTEP	2	
17		NEEDLE BEARING	1	
18		PINION SEALING RING 25 x 35 x 7	2	
19		SCREW 8 x 45	4	
20		SCREW 6 x 20	2	
21		SCREW 8 x 30	4	

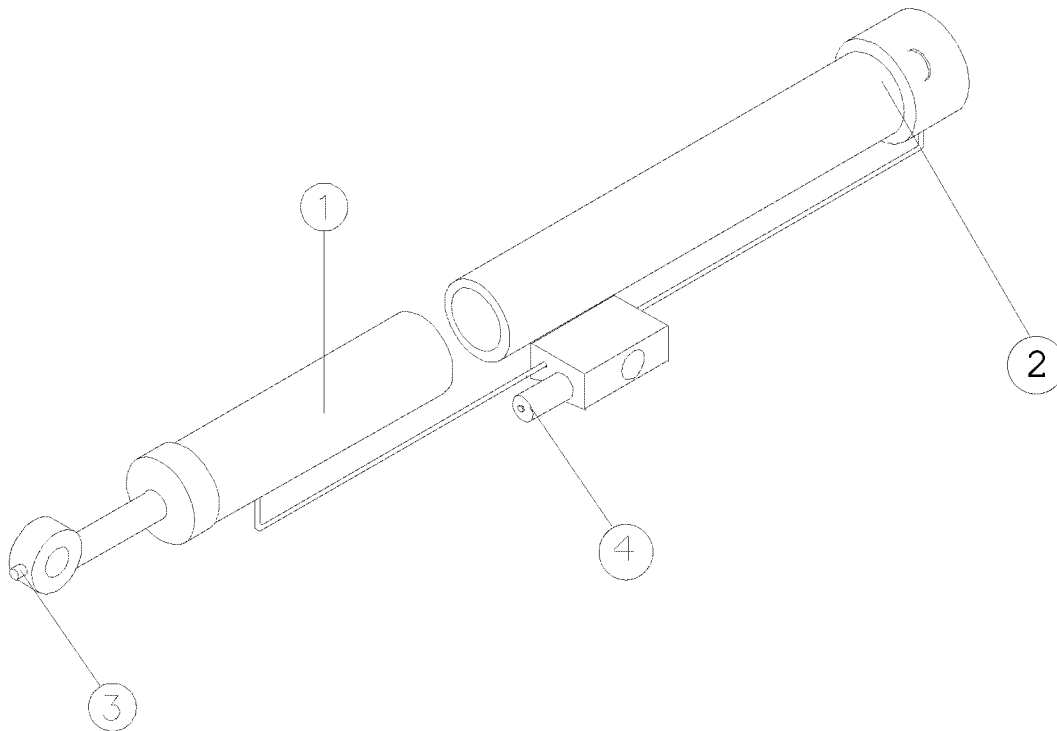
FIRST LIFT STAGE



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	

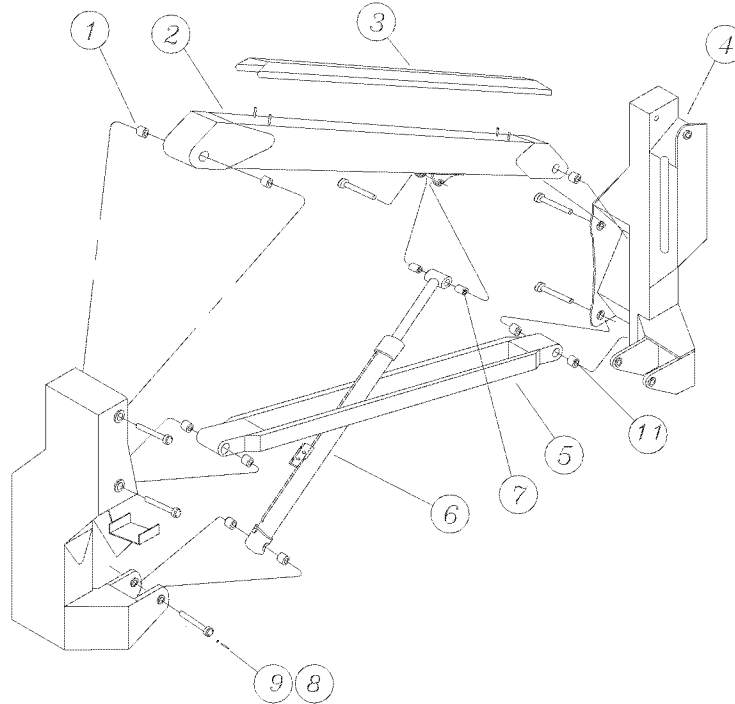
BOOM ASSEMBLY

LIFT CYLINDER - P/N: 21002-0118



ITEM	PART NO.	DESCRIPTION	QTY	REMARKS
1	21002-0118	LIFT CYLINDER	1	
2	41034-0126	SEAL KIT	1	
3	44029-0022	GREASE NIPPLE	2	
4	41031-0016	OVERCENTRE CARTRIDGE	1	

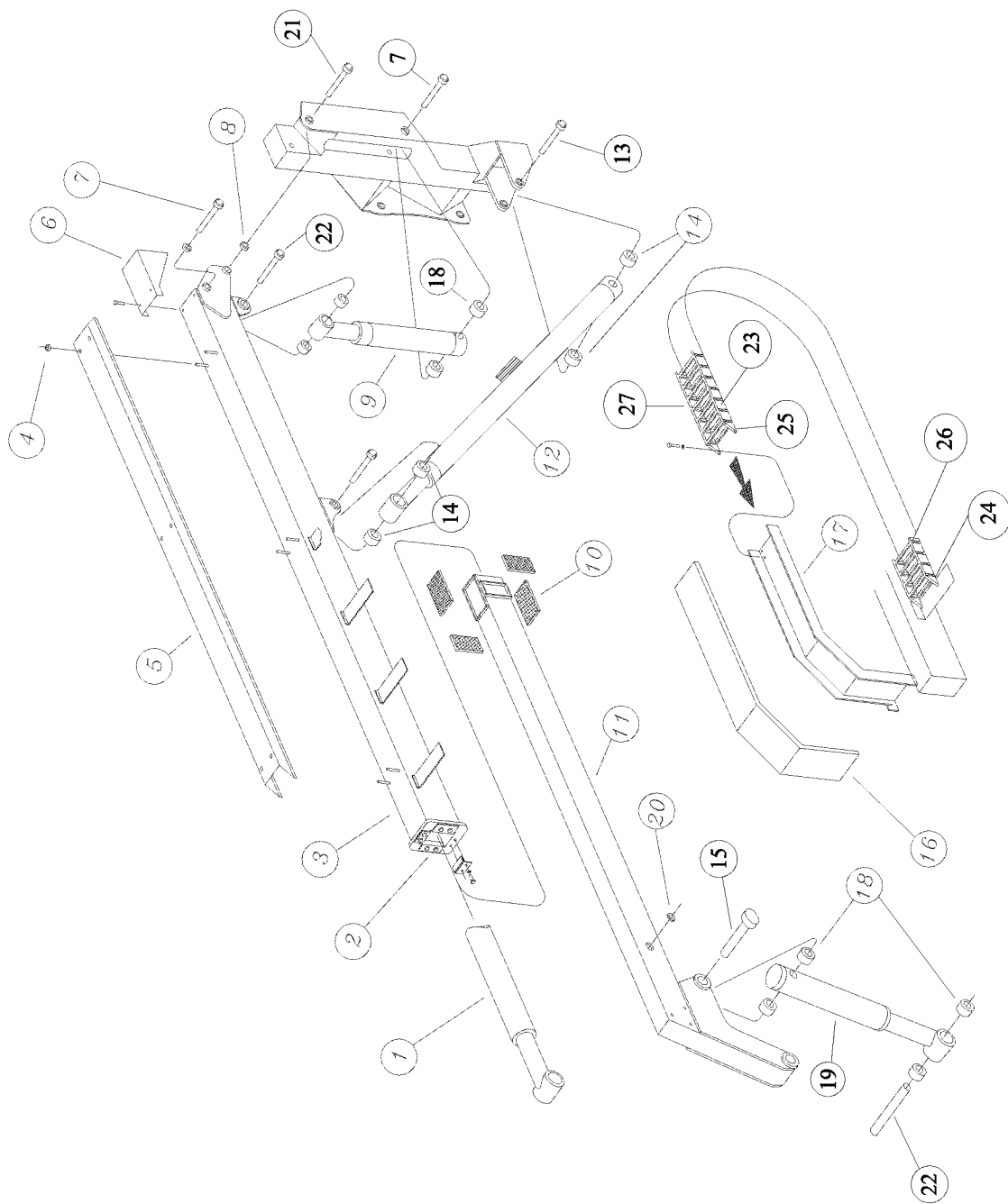
SECOND LIFT STAGE



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	10288	PERMAGILDE PAP 40x40 BUSHING	8	See Page 5-6 Part of Lift Cylinder
2	23015-0136	SECOND BOOM	1	
3	SS102	CABLE COVER	1	
	MS128	CABLE COVER STUD	4	
4	GS602	SECOND OFFSET POST	1	
5	GS308	SECOND TIE RAIL	1	
6	21002-0117	LIFT CYLINDER	1	
7	44031-0028	GLACIER PM 25 x 25 DX BUSH	4	
8	44002-0037	M8 x 25 GRADE 8.8 HEX HEAD SCREW	12	
9	14541	M8 LOCK WASHER	24	

BOOM ASSEMBLY

ZOOM BOOM ASSEMBLY



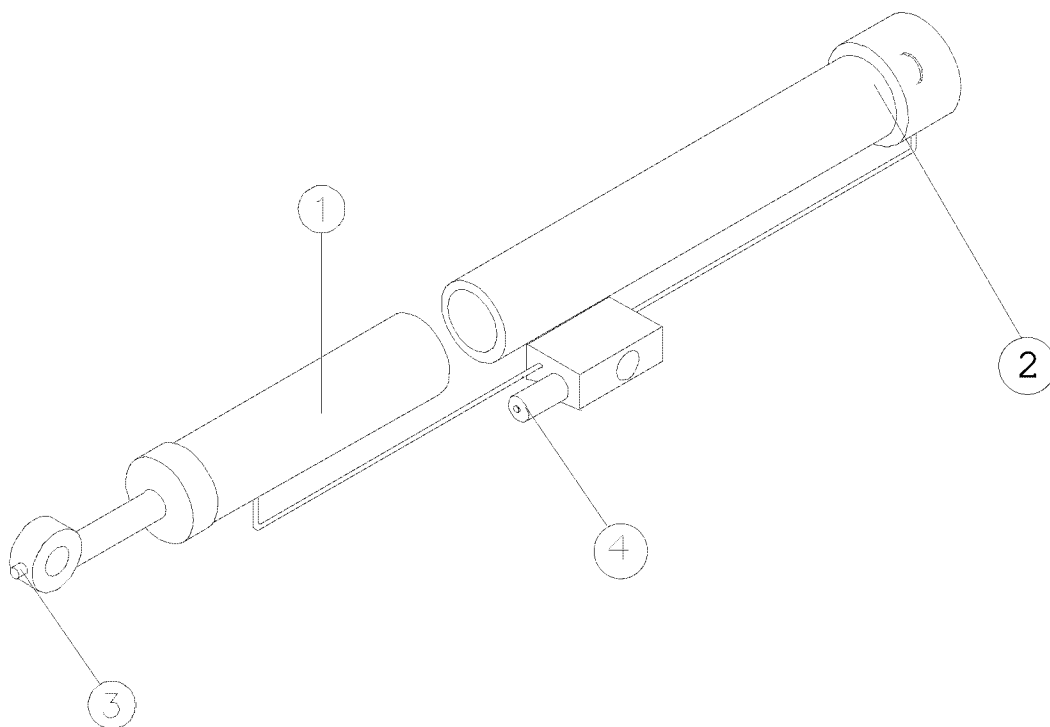
BOOM ASSEMBLY

ZOOM BOOM ASSEMBLY

ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0097	TELESCOPIC ZOOM CYLINDER	1	See Page 5-8
2	MS531	WEAR PAD (SIDE)	4	
3	23015-0140	ZOOM BOOM (OUTER)	1	
4	MS128	CABLE COVER STUD	6	
5	SS329	CABLE COVER	2	
6	SS271	END COVER	1	
7	GS476	PIN	2	See Page 2-1
8	10288	PERMAGLIDE PAP 40x 40 BUSHING	2	
9	21002-0086	LEVEL CYLINDER (MASTER)	1	See Page 5-7
10	MS530	WEAR PAD (TOP/BOTTOM)	4	
11	23015-0141	ZOOM BOOM (INNER)	1	
12	21002-0118	LIFT CYLINDER	1	See Page 5-2
13	44021-0045	PIN	1	See Page 2-1
14	44031-0028	GLACIER PM 25 x 25 DX BEARING	4	Part of Lift Cylinder
15	GS500	PIN	1	See Page 2-1
16	33020-0090	CABLE TRAY COVER	1	
17	33020-0089	CABLE TRAY	1	
18	44031-0020	GLACIER PM 20 x 20 DX BUSH	8	Part of Slave Master Level Cylinder
19	21002-0089	LEVEL CYLINDER (SLAVE)	1	See Page 5-9
20	11758	CIRCLIP	2	
21	GS472	PIN	2	See Page 2-1
22	GS505	PIN	2	See Page 2-1
23	44029-0182	CAT TRACK	1	
24	44029-0187	26010.1 PZ END (FEMALE)	1	
25	44029-0214	2610.2 PZ (MALE)	1	
26	44029-0186	27.10.100 LINKS	41	
27	44029-0188	275.10 CLIPS	41	

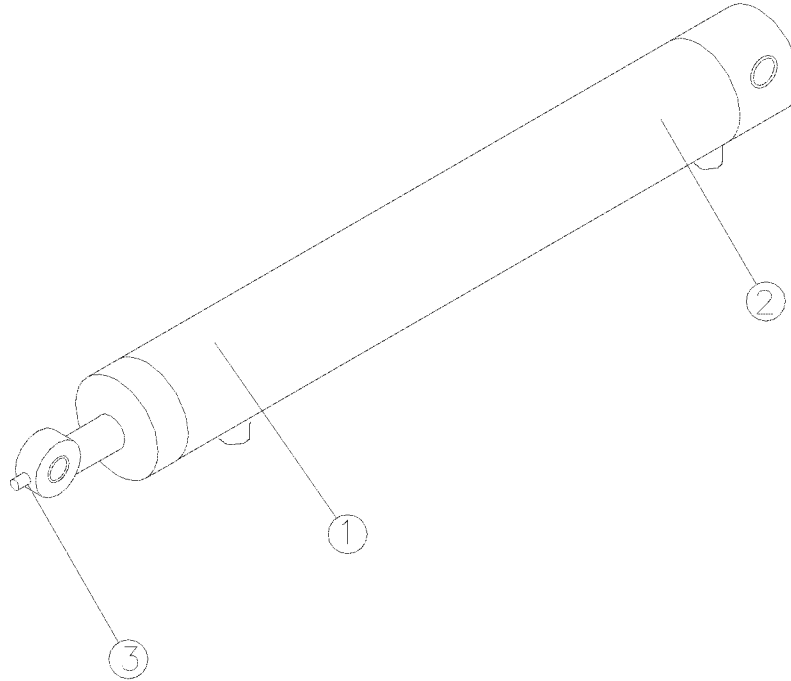
BOOM ASSEMBLY

LIFT CYLINDER - P/N: 21002-0117



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0117	LIFT CYLINDER	1	
2	41034-0125	SEAL KIT	1	
3	44029-0022	GREASE NIPPLE	2	
4	41031-0016	OVERCENTRE CARTRIDGE	1	

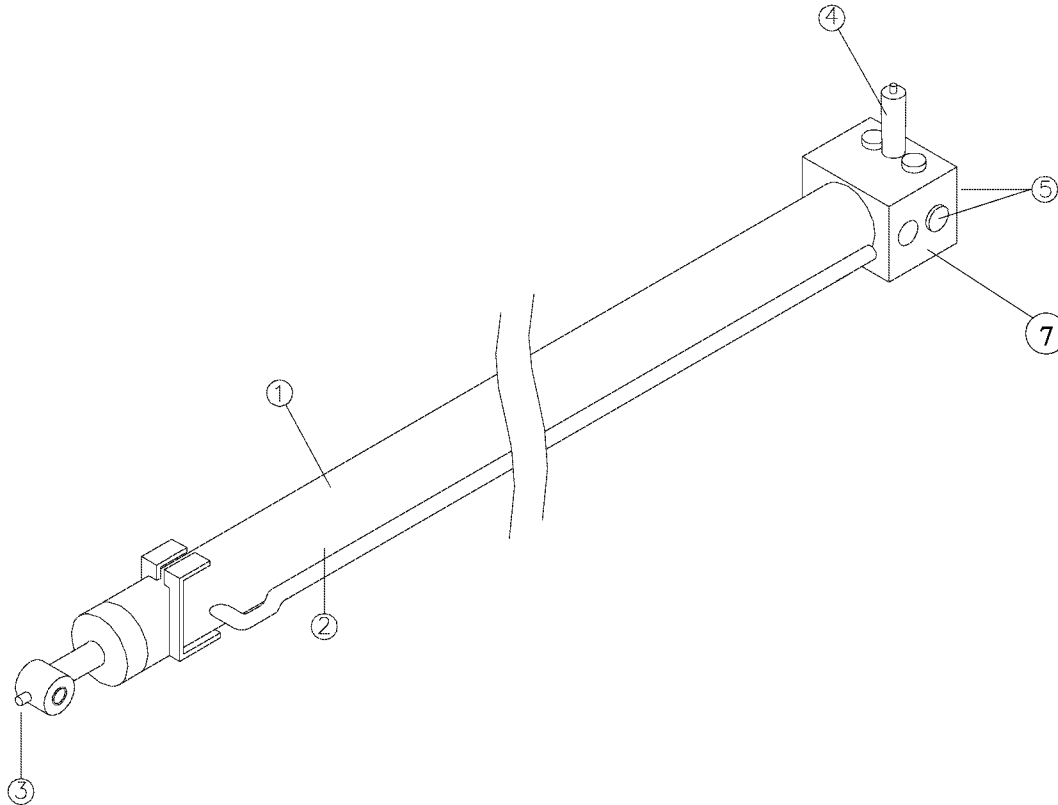
MASTER CYLINDER - P/N: 21002-0086



ITEM	PART NO.	DESCRIPTION	QTY	REMARKS
1	21002-0086	MASTER CYLINDER	1	
2	41034-0090	SEAL KIT	1	
3	44029-0022	GREASE NIPPLE	2	

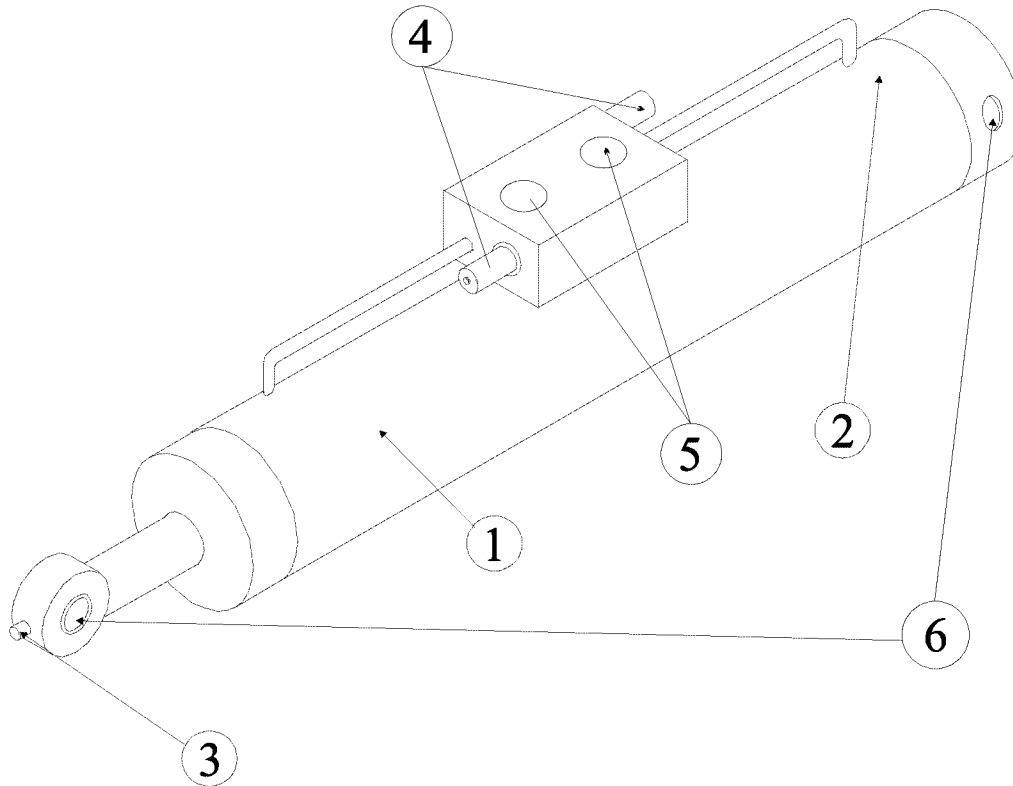
BOOM ASSEMBLY

TELESCOPIC CYLINDER - P/N: 21002-0097



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0097	TELESCOPIC CYLINDER	1	
2	41034-0124	SEAL KIT	1	
3	44029-0022	GREASE NIPPLE	2	
4	41006-0041	RELIEF VALVE	1	
5	41009-0032	PO CHECK VALVE	2	
7	41019-0090	SHUTTLE	1	

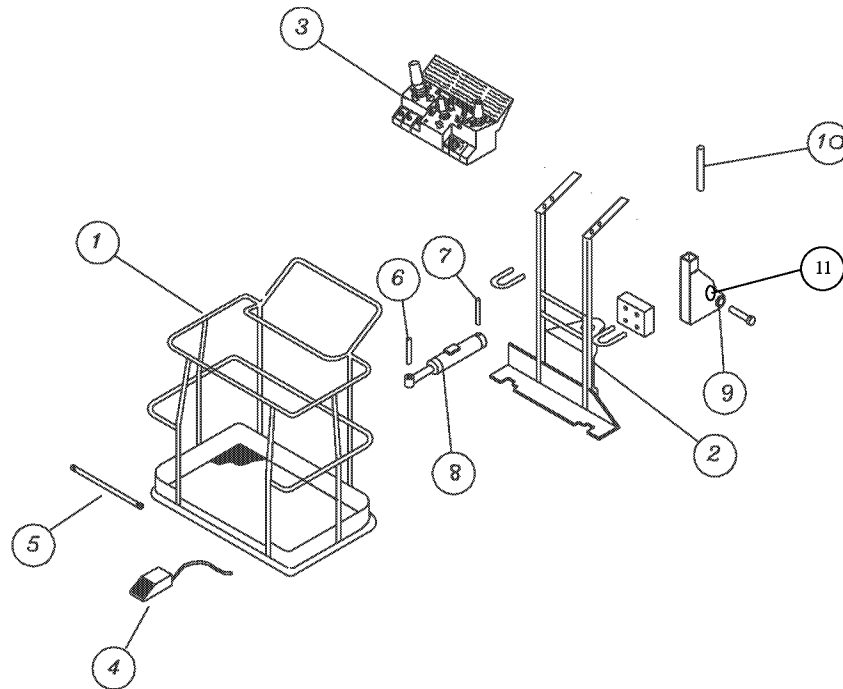
SLAVE CYLINDER - P/N: 21002-0089



ITEM	PART NO.	DESCRIPTION	QTY	REMARKS
1	21002-0089	SLAVE CYLINDER	1	Inside Cylinder
2	41034-0090	SEAL KIT	1	
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	

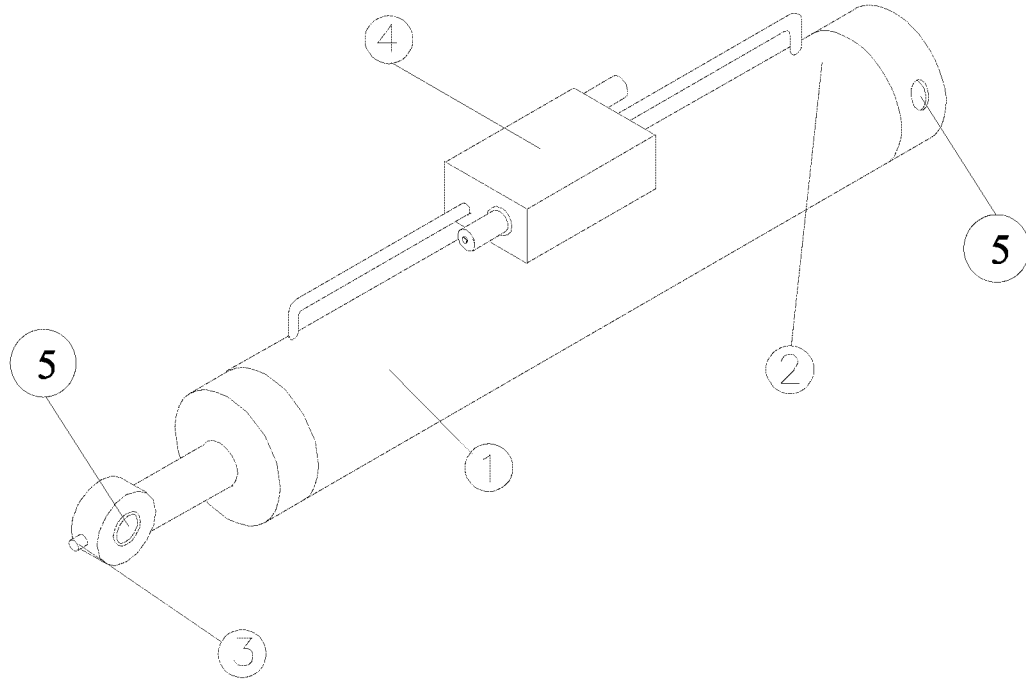
TURRET ASSEMBLY

CAGE/CRADLE ASSEMBLY



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	13016-0082	CAGE 5 FT	1	
2	13017-0070	CRADLE	1	Up to Serial No: 16887
	13017-0079	CRADLE ADJUSTABLE		From Serial No: 16888
				Interchangeable with 13017-0070
3	42020-0025	UPPER CONTROL BOX	1	Ford Bi-Fuel Option
	42020-0028	UPPER CONTROL BOX	1	Hatz Diesel Option
4	42002-0322	FOOTSWITCH	1	
	42002-0335	FOOTSWITCH CONTACT	1	Not Illustrated
5	33014-0075	DROP BAR	1	
6	44004-0134	CYL. PIVOT BOLT (M10 x 75MM GRADE 12.9)	1	
7	44004-0129	CYL. PIVOT BOLT (M10 x 100MM GRADE 12.9)	1	
8	21002-0116	CAGE ROTATION CYLINDER	1	Up to November 1998
	21002-0085	CAGE ROTATION CYLINDER	1	From November 1998 See 5-11
	44031-0065	10 I/D x 30 BUSH	4	
9	GS628	STUB POST	1	
	42031-0041	25 I/D x 30 BUSH	2	
10	44021-0666	MAIN PIVOT PIN	1	
	44019-0093	M6 ROLL PIN	1	Not Illustrated
	42012-0064	110v POWER CABLE		US Machines
11	44031-0028	BUSHINGS	2	
	42013-0371	TRANSDUCER FRENCH OPTION	1	Not Illustrated
	42013-0346	OVERLOAD FRENCH OPTION	1	Not Illustrated

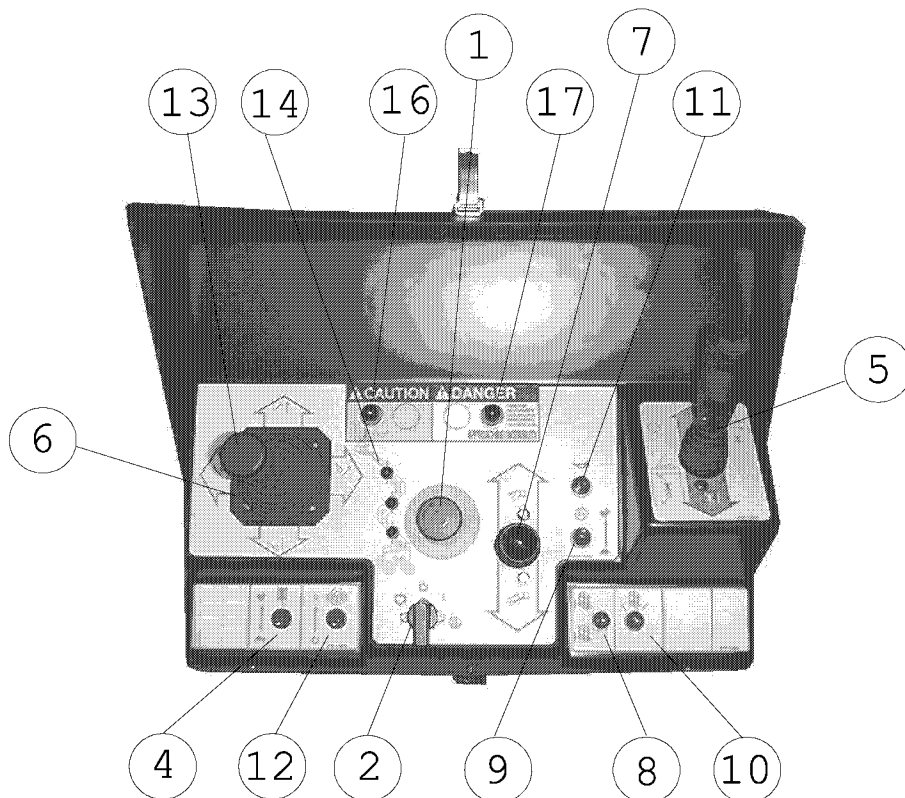
CAGE ROTATION CYLINDER - P/N: 21002-0085



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	21002-0085	CAGE ROTATION CYLINDER	1	
2	41034-0099	SEAL KIT	1	
3	44029-0022	GREASE NIPPLE	2	
4	41031-0009	DOUBLE OVERCENTRE VALVES	2	
5	44031-0065	BUSHINGS 10 x 15	4	

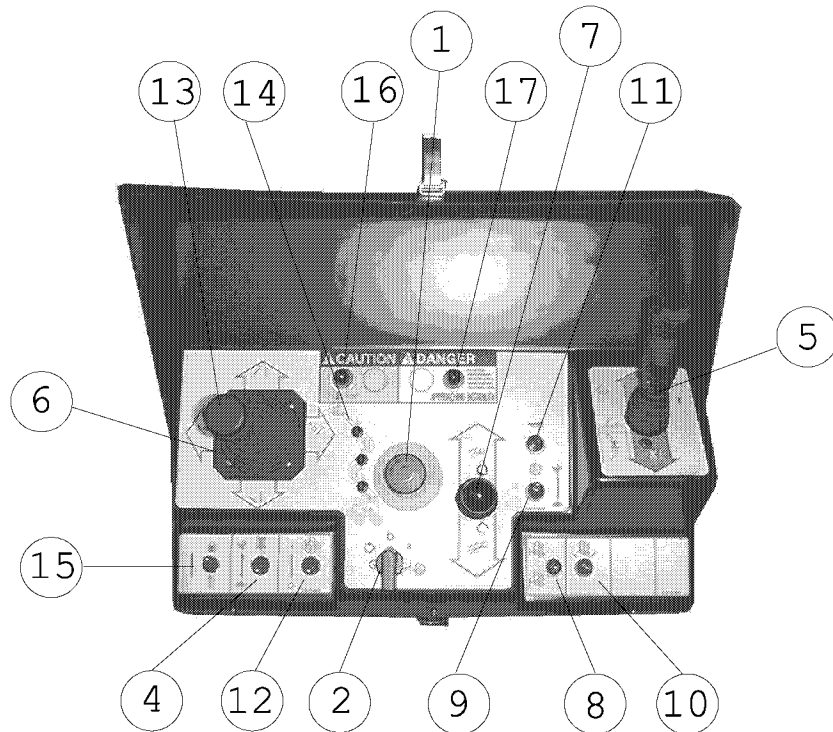
TURRET ASSEMBLY

CAGE CONTROLS - DIESEL OPTION P/N: 42020-0028



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42002-0342	EMERGENCY STOP BUTTON	1	
	42002-0343	CONTACT (NORMALLY CLOSED)	1	Not Illustrated
2	42002-0344	ENGINE ON/OFF / EMERGENCY PUMP SWITCH	1	
3	42002-0322	FOOTSWITCH	1	Not Illustrated
4	42002-0345	DRIVE SPEED SELECT SWITCH	2	
5	32019-0011	DRIVE/STEER JOYSTICK	1	See Page 5-15
6	32019-0012	BOOM/ROTATE JOYSTICK	1	See Page 5-16
7	32019-0013	TELEBOOM JOYSTICK	1	See Page 5-17
8	42002-0346	CAGE LEVELLING SWITCH	1	
9	42002-0345	ENGINE SPEED SWITCH	1	
10	42002-0346	CAGE ROTATION SWITCH	1	
11	42002-0347	HORN BUTTON	1	
12	42002-0348	DIFFERENTIAL LOCK SWITCH	1	
13		BOOM SELECTOR BUTTON	1	Part of Boom/Rotate Joystick
14	42010-0292	BOOM SELECTION INDICATOR LED	3	
16/17	42010-0566	ENGINE WARNING LIGHT BULBS	2	
	42010-0567	RED LENS	1	
	42010-0568	LAMP BASE	1	
18	42002-0322	ROLL TOP COVER	1	

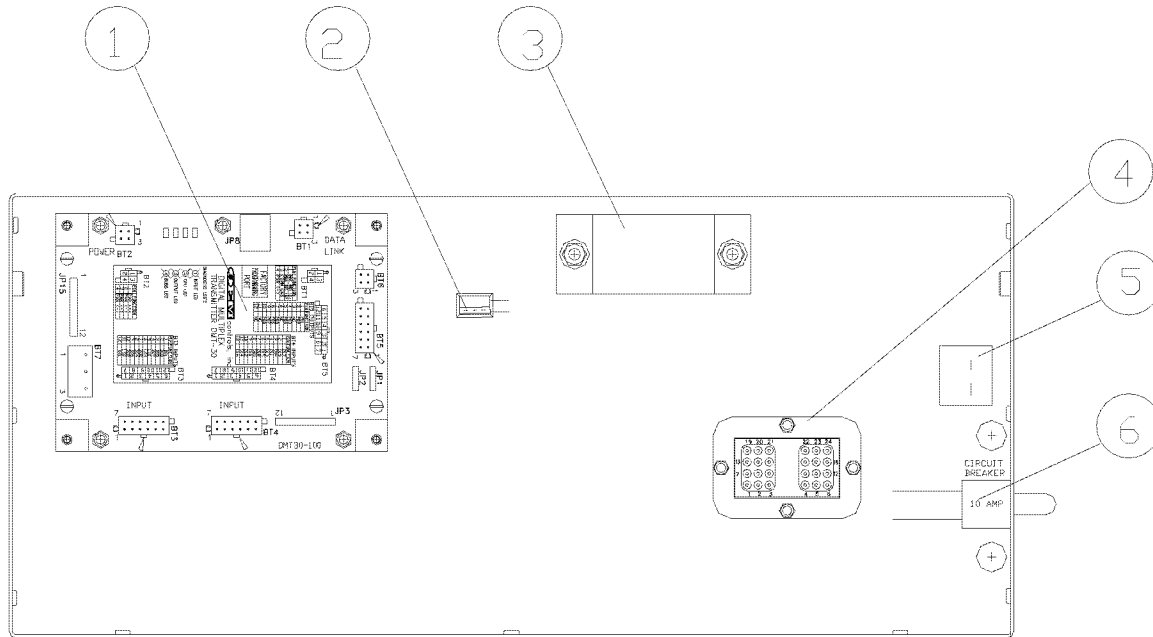
CAGE CONTROLS - BI-FUEL OPTION P/N: 42020-0025



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42002-0342	EMERGENCY STOP BUTTON	1	
	42002-0343	CONTACT (NORMALLY CLOSED)	1	Not Illustrated
2	42002-0344	ENGINE ON/OFF / EMERGENCY PUMP SWITCH	1	
3	42002-0322	FOOTSWITCH	1	Not Illustrated
4	42002-0345	DRIVE SPEED SELECT SWITCH	2	
5	32019-0011	DRIVE/STEER JOYSTICK	1	See Page 5-15
6	32019-0012	BOOM/ROTATE JOYSTICK	1	See Page 5-16
7	32019-0013	TELEBOOM JOYSTICK	1	See Page 5-17
8	42002-0346	CAGE LEVELLING SWITCH	1	
9	42002-0345	ENGINE SPEED SWITCH	1	
10	42002-0346	CAGE ROTATION SWITCH	1	
11	42002-0347	HORN BUTTON	1	
12	42002-0348	DIFFERENTIAL LOCK SWITCH	1	
13		BOOM SELECTOR BUTTON	1	Part of Boom/Rotate Joystick
14	42010-0292	BOOM SELECTION INDICATOR LED	3	
15	42002-0361	FUEL SELECT SWITCH (3 POSITIONS)		
16/17	42010-0566	ENGINE WARNING LIGHT BULBS	2	
	42010-0567	RED LENS	1	
	42010-0568	LAMP BASE	1	
18	42002-0322	ROLL TOP COVER	1	

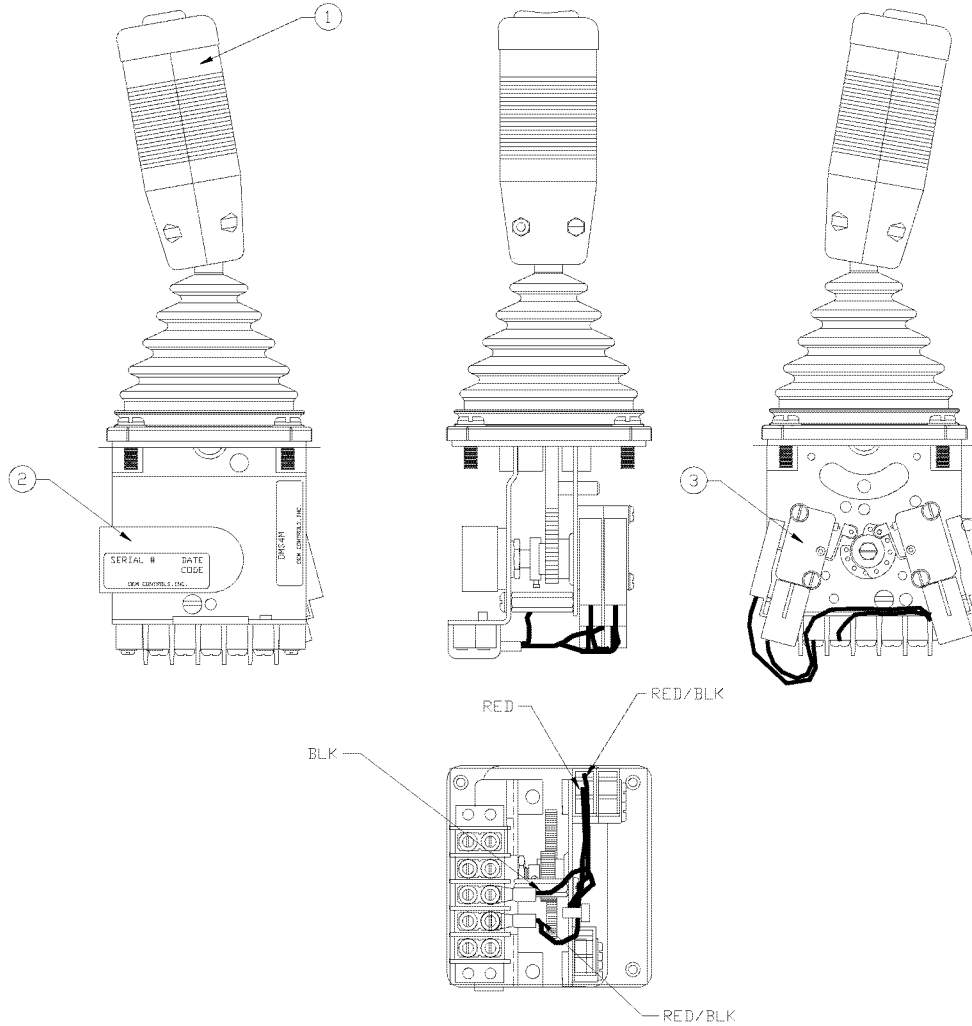
TURRET ASSEMBLY

UPPER CAGE CONTROLS



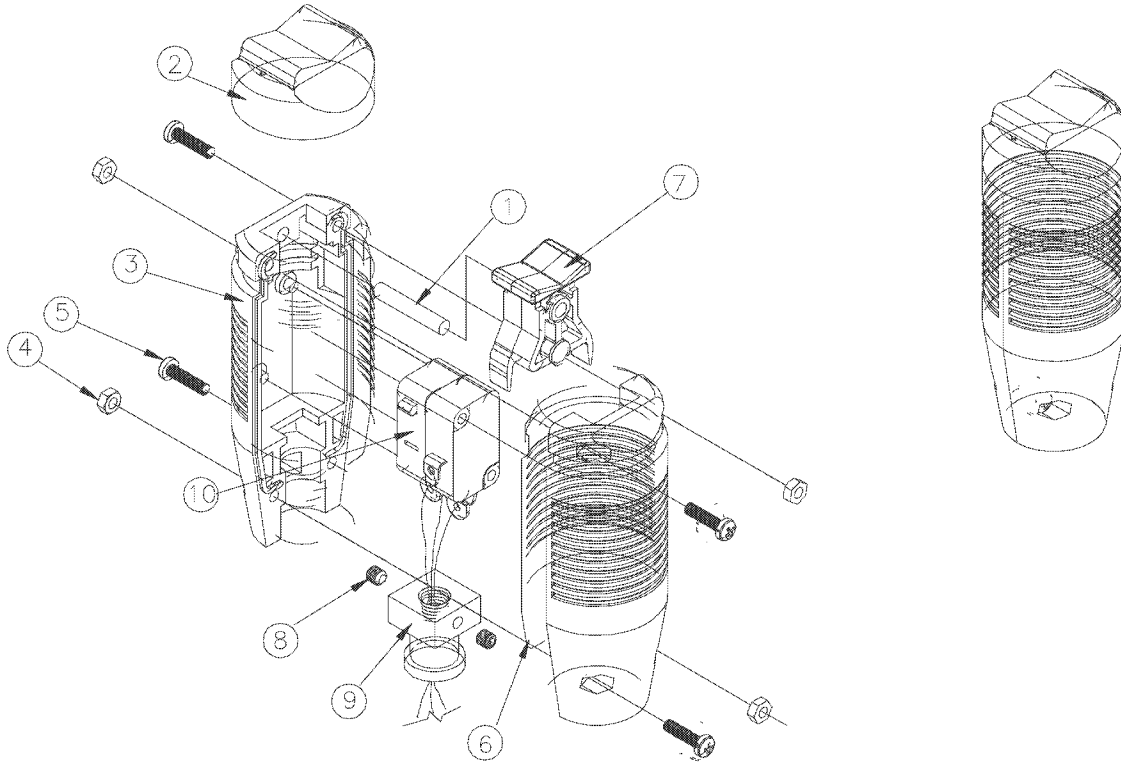
ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42014-0139	PCB - DMT-30	1	Not Illustrated
2	42013-0386	CAPACITOR	1	
3	42013-0387	ALARM BUZZER	1	
4	42004-0005	CONNECTION BLOCK	1	
5	42015-0130	RELAY	1	
6	42015-0131	CIRCUIT BREAKER	1	
	42013-0390	WIRING HARNESS TO LOWER CONTROLS	1	

DRIVE JOYSTICK - P/N: 32019-0011



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42002-0358	RG1 HANDLE	1	See Page 5-15a
2	42002-0354	DIGI-SENSOR	1	
3	42002-0353	MICROSWITCH	3	

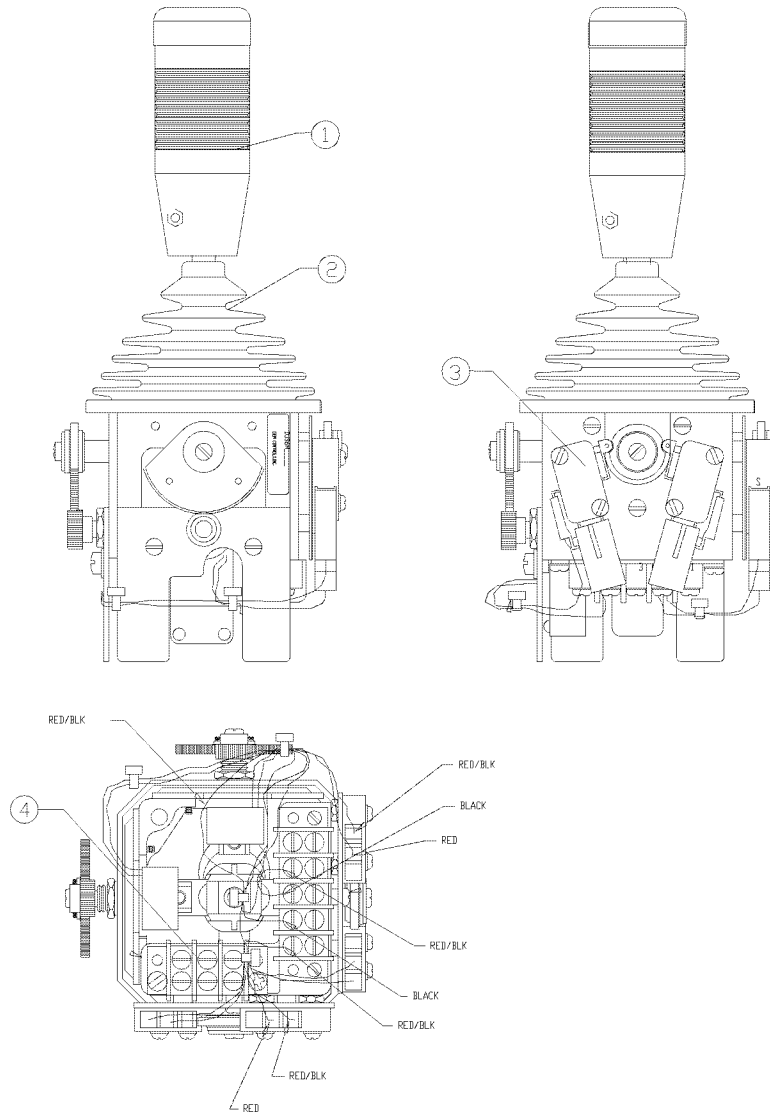
RG1 HANDLE - P/N: 42002-0358



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	

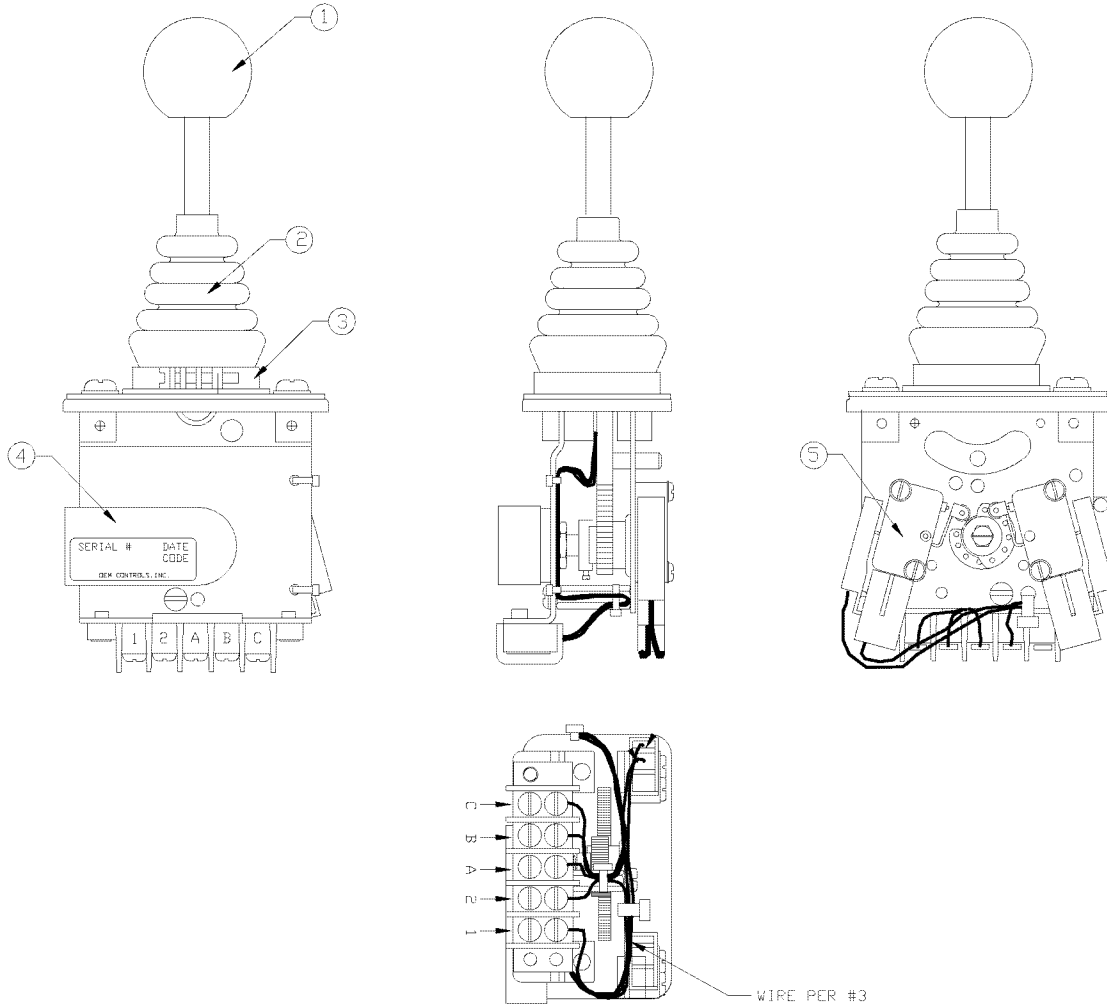
TURRET ASSEMBLY

BOOM JOYSTICK - P/N: 32019-0012



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	42002-0360	RG2 HANDLE	1	
3	42002-0353	V3LI39-D8 MICROSWITCH	4	
2	42002-0359	BOOT	1	
4	42002-0354	DIGI-SENSOR HOOK-UP	2	
5	42013-0482	JOYSTICK CAP	1	

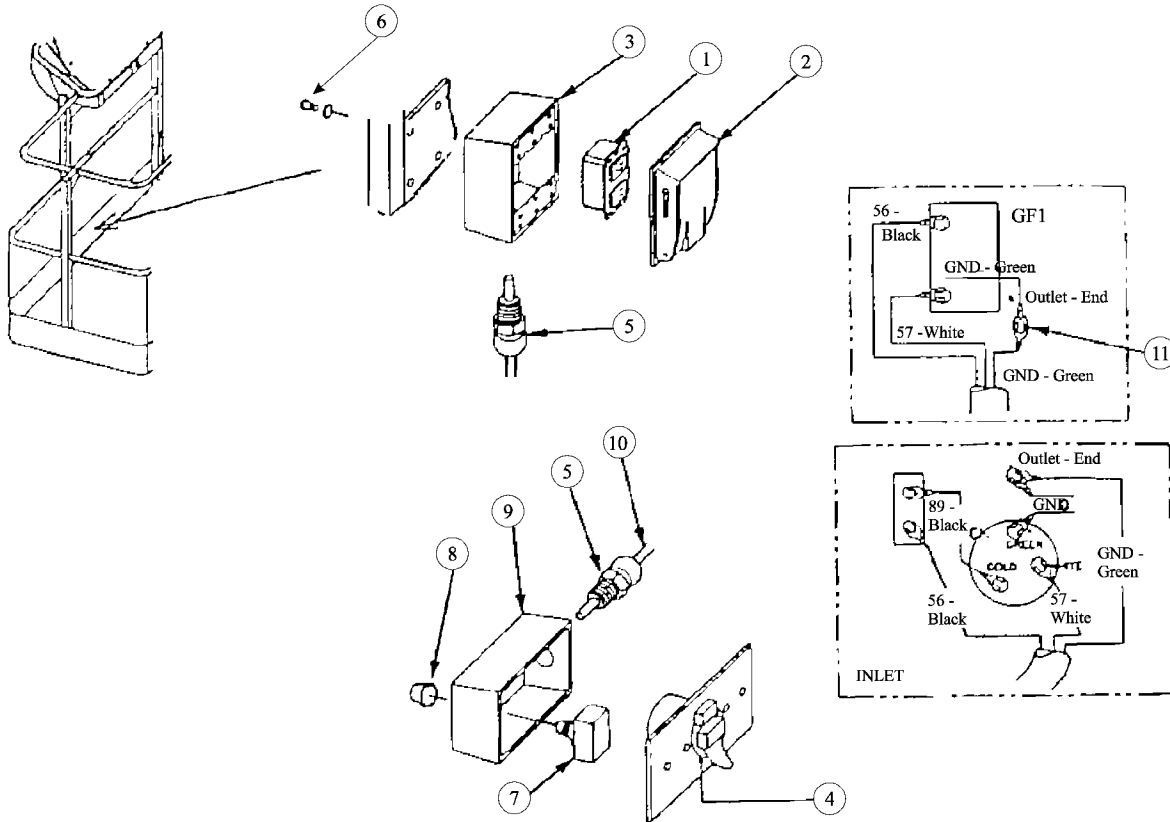
TELE JOYSTICK P/N: 32019-0013



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		

TURRET ASSEMBLY

USA PLATFORM WIRING - P/N: 212162-1



ITEM	PART NO.	DESCRIPTION	QTY.	REMARKS
1	MK70391	RECEPTACLE GF1	1	25 METRE
2	MK70392	COVER RECEPTACLE	1	
3	MK70262	BOX	1	
4	MK70119	INLET WITH GASKET	1	
5	MK2806	SRAIN 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	
11	MK117-C	TERMINAL	11	