

TRACK BUGGIES

AT15F & AT15S



PARTS MANUAL

Manual Part #: 080648P | Revision: A
Language: English | Original Instructions



TRACK DUMPER

Parts Manual

This manual covers the Track Buggy model listed below:

<u>Part No.</u>	<u>Description</u>
079369	Buggy, AT15F
079370	Buggy, AT15S

NOTICE

This manual, or a copy of it, must be kept with the machine at all times.

Illustrations in this manual may include optional accessories and may not directly represent the machine. Images are for reference only.

For information regarding the following, please see the “AT15 - Safety & Operations Manual”

- Warranty Information
- Dealer Information
- How to identify the Model / Serial Numbers on the machine
- Engine Detail

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Allen Products are covered under one or more of the following patent numbers:

10,100,537; 9,068,301; 9,068,300; 8,360,680; 7,690,864; 7,114,876B1; 6,857,815B2; 6,582,153

With other Patents Pending.

Printed in U.S.A.

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SECTION 1: PARTS

SECTION 1 PARTS

SECTION 1 PARTS

Your Dealer has Allen Engineering Corporation trained mechanics and original Allen replacement parts. Always contact the Allen Dealer who sold you this machine for Allen Certified repairs and replacement parts.

Place Allen Dealer information below for future reference.

Dealer Name: _____		
Phone #: (____) - ____ - _____		
Address: _____		
City: _____	State: _____	Zip: _____
Salesman: _____	Mobile Phone: _____	
Additional Comments: _____		

ALL INFORMATION, SPECIFICATIONS, AND ILLUSTRATIONS IN THIS MANUAL
ARE SUBJECT TO CHANGE WITHOUT NOTICE AND ARE BASED ON THE LATEST
INFORMATION AT THE TIME OF PUBLICATION.

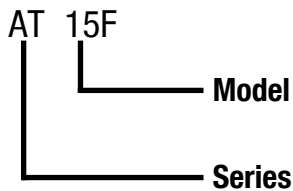
The “PARTS & DECALS MANUAL” contain illustrated parts lists for help in ordering replacement parts for your machine. Follow the instructions below when ordering parts to insure prompt and accurate delivery:

1. All orders for service parts - include the serial number for the machine. Shipment will be delayed if this information is not available.
2. Include correct description and part number from the “PARTS & DECALS MANUAL”
3. Specify exact shipping instructions, including the preferred routing and complete destination address.
4. **DO NOT** return parts to AEC without receiving written authorization from AEC. All authorized returns must be shipped pre-paid.
5. When placing an order, please contact the AEC dealer nearest you.

Manufacturer's Codes:

When ordering parts or requesting service information, you will always be asked to specify the model and serial numbers of the machine. The legends below specifically defines each significant character or group of characters of the Model Number and Serial Number codes.

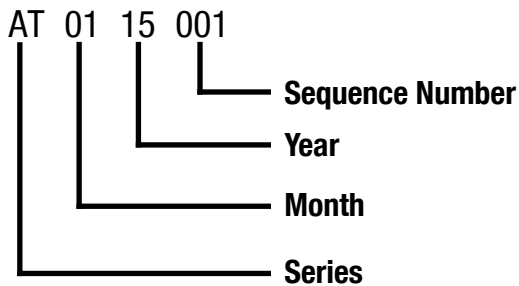
Model Number



Serial Number

The serial number found on the identification plate is a ten digit format. The model number identifies your machine and will ensure that you receive the correct replacement parts.

Serial Number Example



Unit Identification Plate Location:

An identification plate listing the model number and the serial number is attached to each unit and is located on the rear lower left side of mainframe or under the seat. Refer below for serial number and model number location. This plate should not be removed at any time.

Please record the information found on this plate below so it will be available should the identification plate become lost or damaged. When ordering parts or requesting service information, you will always be asked to specify the model and serial numbers of the machine.

FILL IN FOR FUTURE REFERENCE

Model Number: _____

Serial Number: _____

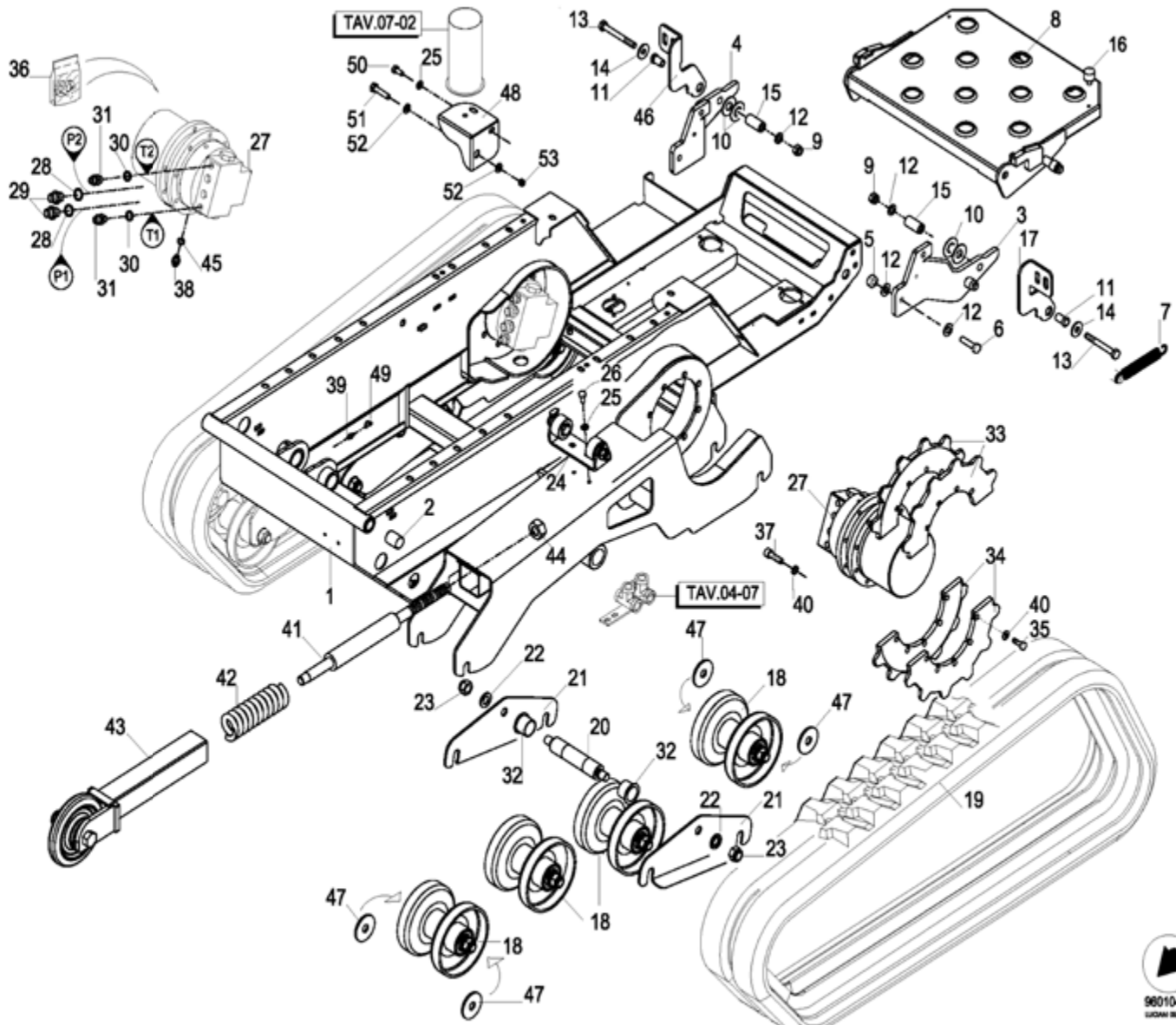
Date Purchased: _____

Purchased From: _____



SECTION 1 PARTS

Assembly, 01-01 Undercarriage



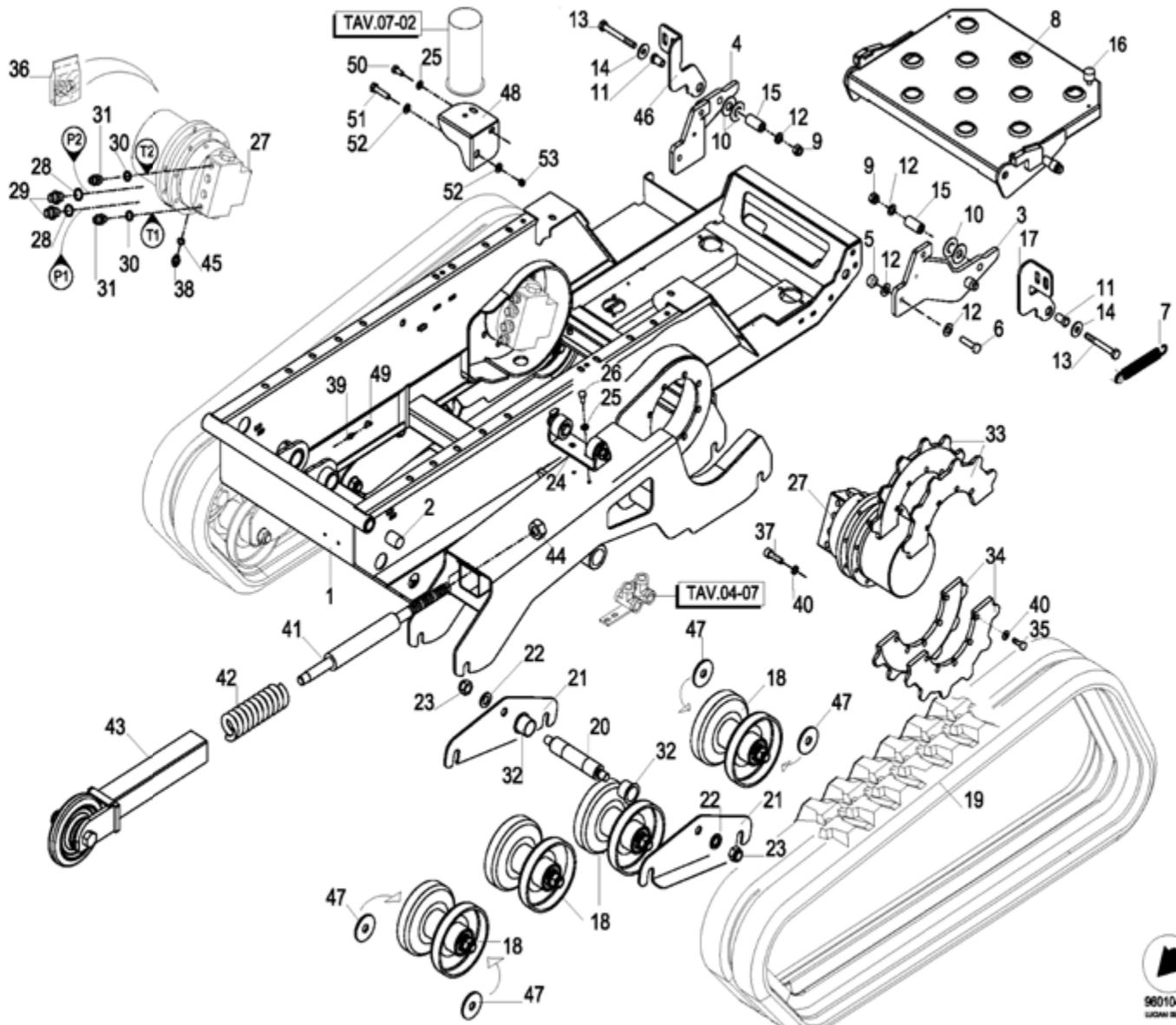
Undercarriage Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96010488	ASSEMBLY, UNDERCARRIAGE	-
1	55141569	FRAME	1
2	33591805	BUSHING	2
3	30060578	PLATE	1
4	30060575	RIGHT MOUNTING	1
5	03366300	NUT, M10 SELF LOCKING	4
6	03240701	SCREW, M10 X 40MM	4
7	03730003	SPRING	1
8	30060568	OPERATOR'S PLATFORM	1
9	03366300	NUT, M10 SELF LOCKING	2
10	03731430	DISC SPRING WASHER	4
11	45020435	SPACER	2
12	03386201	WASHER, M10	6
13	03241600	SCREW, M10 X 90MM	2
14	03386011	WASHER, M10 LARGE OD	2
15	45020437	SPACER	2
16	03529609	VIBRATION DAMPENER	2
17	30014898	CLAMP	1
18	065250	LOWER ROLLER ASSEMBLY (45010180)	8
19	03902541	TRACK	2
20	45070954	PIN	2
21	55140802	SUPPORT	4
22	03389300	WASHER	4
23	03369120	NUT, M16 X 1.5 SELF LOCKING	4
24	065257	UPPER ROLLER ASSEMBLY (45010181)	2
25	03385050	WASHER, SPRING M8	5
26	03230701	SCREW, M8 X 30MM	4
27	065252	DRIVING MOTOR (03821078)	2
28	03160902	WASHER, SEAL 3/8"G	4
29	13152800	FITTING, 3/8"G	4
30	03160901	WASHER, SEAL 1/4"G	4
31	13152700	FITTING, 1/4"G	4
32	33593670	BUSHING	4
33	065253	HALF SPROCKET L (45051036)	4

SECTION 1 PARTS

Assembly, 01-01 Under-Truck



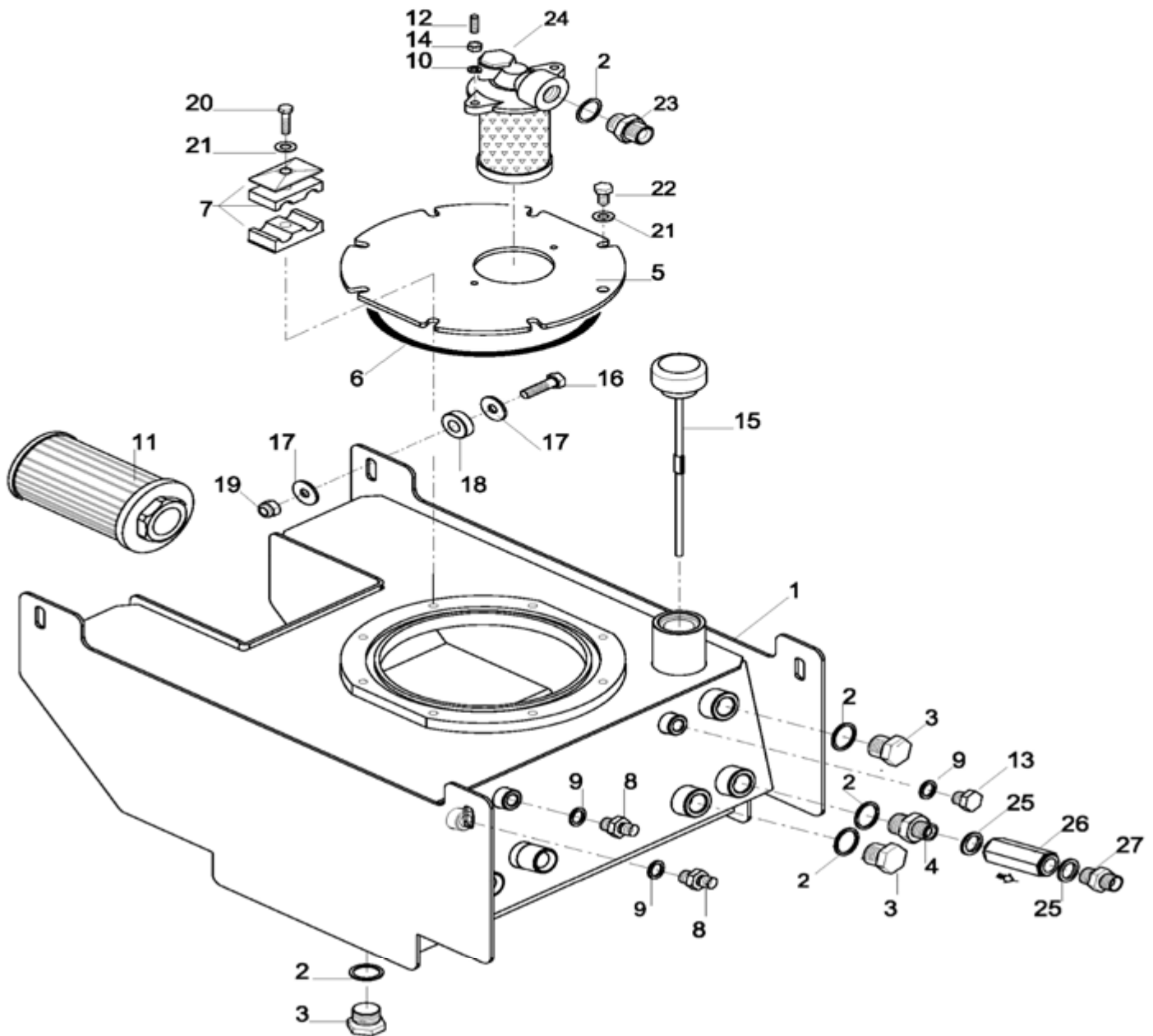
Under-Truck Parts List Continued

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	8QTY
-	96010488	ASSEMBLY, UNDERCARRIAGE	-
34	065254	HALF SPROCKET R (45051037)	4
35	03245010	SCREW, M10 X 35MM	18
36	62499877	KIT, SEAL	2
37	03244810	SCREW, M10 X 25MM	16
38	13150402	FITTING	2
39	03510400	GREASE NIPPLE M6 X 1	1
40	03386000	WASHER, LOCK M10	32
41	45070957	PIN	2
42	03730930	SPRING	2
43	45040156	IDLER WHEEL	2
44	03371120	NUT, M20	2
45	03168110	WASHER, GASKET 1/8"G	2
46	30014897	CLAMP	1
47	92100086	WASHER	8
48	99250423	JAR	1
49	13480850	PLASTIC PROTECTION FOR GREASE NIPPLES	1
50	03230301	SPACER	1
51	03240601	SCREW, M10 X 35MM	1
52	03386201	WASHER, M10	2
53	03366300	NUT, M10 SELF LOCKING	1

SECTION 1 PARTS

Assembly, 02-01 Hydraulic Oil Tank



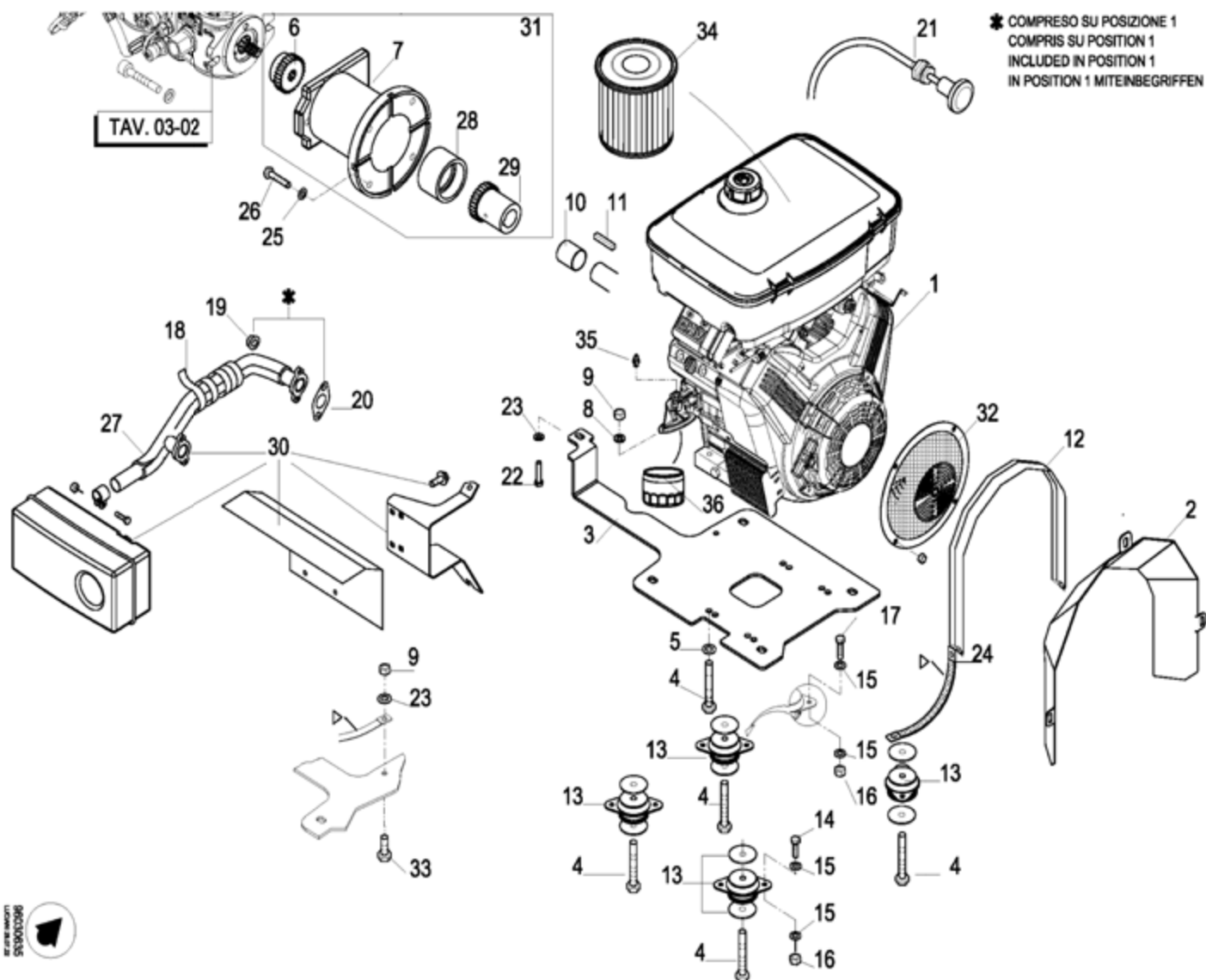
02-01 Hydraulic Oil Tank Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96020602	HYDRAULIC OIL TANK	-
1	15101373	OIL TANK	1
2	075754	WASHER, SEAL 1/2"G (03160006)	4
3	13166000	FITTING, HEX PLUG 1/2"G	3
4	13153900	FITTING, STRAIGHT 1/2"G TO 3/8"G	1
5	15101265	COVERING	1
6	03491002	O-RING SEAL 365	1
7	13572402	CLAMP	2
8	13150036	FITTING, STRAIGHT 1/4"G TO 1/8"G	2
9	03160901	WASHER, SEAL 1/4"G	3
10	03383000	WASHER, LOCK M6	2
11	065259	FILTER, ELEMENT SUCTION OIL (03840402)	1
12	03229700	STUD BOLT	2
13	13166010	FITTING, HEX PLUG 1/4"G	1
14	03364001	NUT, M6	2
15	25110025	OIL LEVEL GAUGE/FILL CAP	1
16	03230601	SCREW, M8 X 25MM	2
17	03385401	WASHER, M8 LARGE OD	4
18	03386300	WASHER, M10	2
19	03365100	NUT, M8 SELF LOCKING	2
20	03231050	SCREW	2
21	03385600	WASHER	8
22	03220401	SCREW, M6 X 16MM	6
23	13152900	FITTING, STRAIGHT 1/2"G	1
24	065258	OIL FILTER HOUSING (03840100)	1
25	03160902	WASHER, SEAL 3/8"G	2
26	13843001	CHECK VALVE, 1/2"G	1
27	13152800	FITTING, STRAIGHT 3/8"G	1
28	62009962	FILTER, RETURN CARTRIDGE ELEMENT	1

SECTION 1 PARTS

Assembly, 03-01 Engine



03-01 Engine Parts List

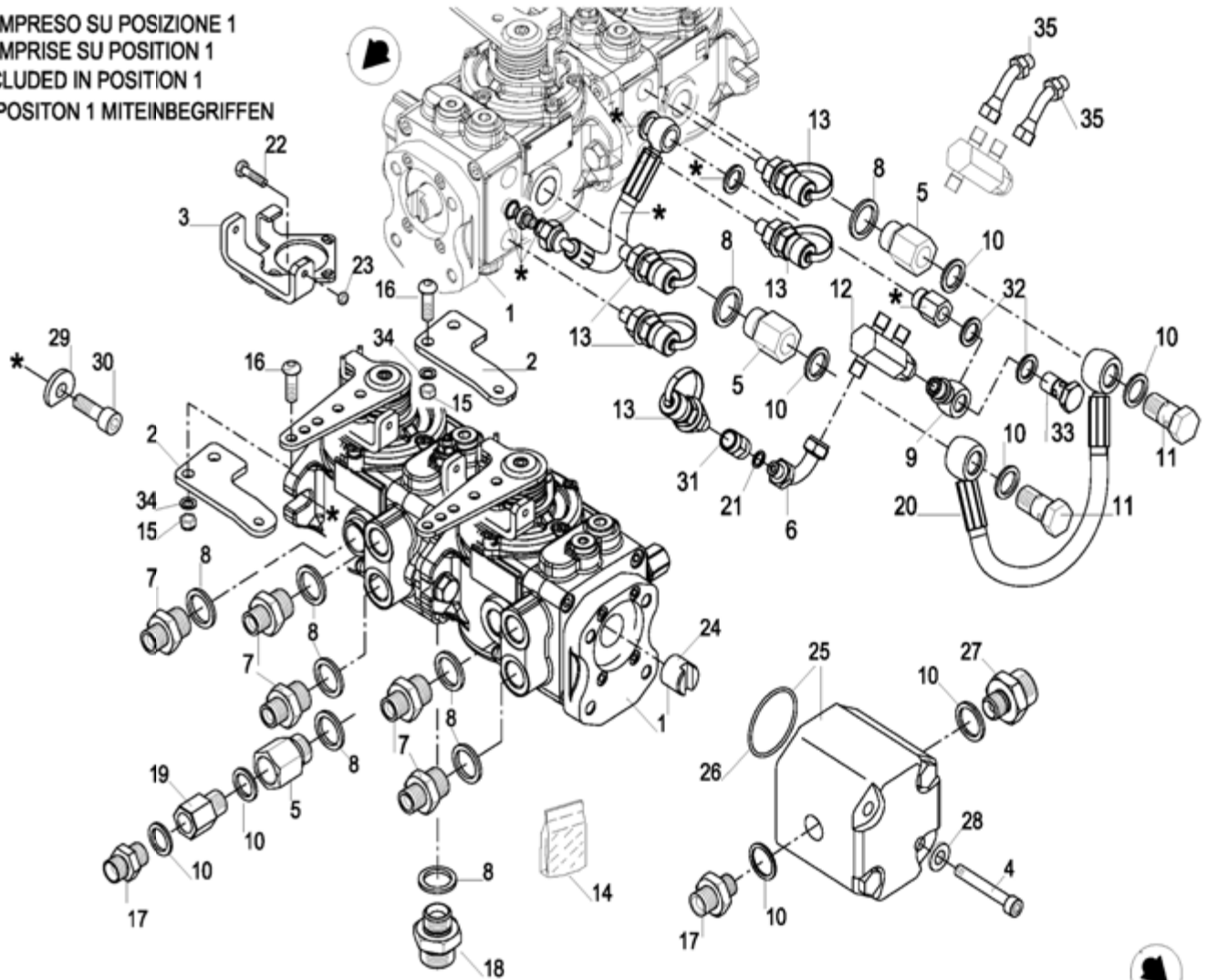
SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96030635	ASSEMBLY, ENGINE	-
1	13001006	ENGINE	1
2	30015750	HOOD	1
3	20052230	ENGINE BASE	1
4	03231111	SCREW	8
5	03385201	WASHER, M8	4
6	63529618	HUB, PUMP SIDE	1
7	63529617	MOUNT, HOUSING PUMP TO ENG	1
8	03385401	WASHER, M8 LARGE OD	4
9	03365101	NUT, M8 SELF LOCKING	5
10	45020371	SPACER	1
11	03415001	KEY	1
12	30320363	GASKET	1
13	03520001	VIBRATION DAMPENER	4
14	03220601	SCREW, M6 X 20MM	7
15	03383201	WASHER, M6	16
16	03364004	NUT	8
17	03220701	SCREW, M6 X 25MM	1
18	20051354	ALUMINUM TAPE	1
19	63009644	NUT	4
20	63009122	EXHAUST GASKET	4
21	03560027	CABLE, CHOKE	1
22	03230501	SCREW, M8 X 20MM	1
23	03385050	WASHER, SPRING M8	2
24	13467900	CABLE, GROUND L 250MM	1
25	03385050	WASHER, SPRING M8	4
26	03237550	SCREW	4
27	069489	PROTECTION (20051864) F/ MUFFLER	1
28	076793	SLEEVE (63529620)	1
29	63529619	HUB, ENGINE SIDE	1
30	03009726	MUFFLER	1
31	065260	PUMP COUPLER (13520065)	1
32	20052281	FLANGE	1
33	03230601	SCREW, M8 X 25MM	1
34	63009704	FILTER, AIR	1
35	63009706	ENG OIL PRESSURE BULB	1
36	63009705	FILTER, ENG OIL	1

SECTION 1 PARTS

Assembly, 03-02 Engine: Pump Fittings

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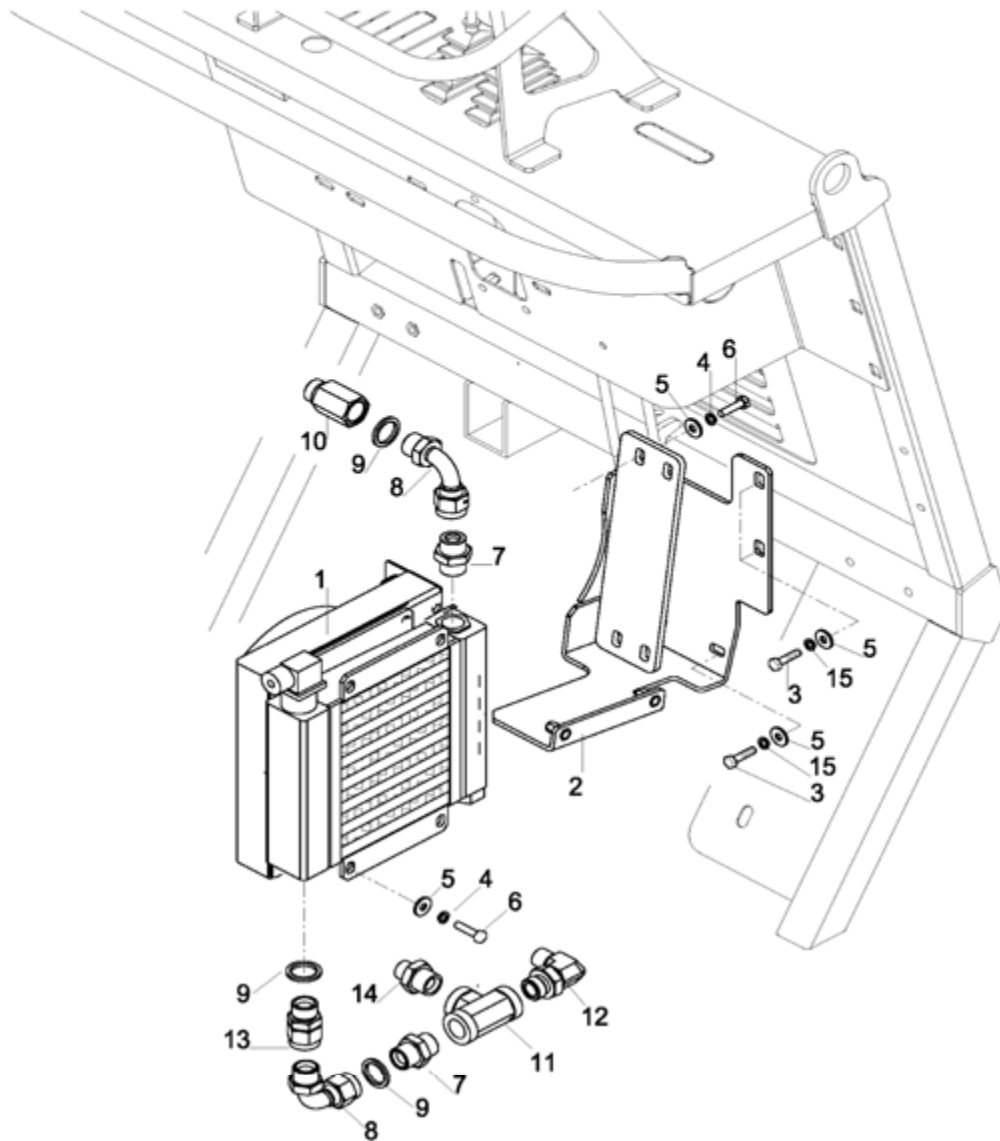
03-02 Engine: Pump Fittings Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96030640	ENGINE: PUMP FITTINGS	-
1	065262	PUMP, TANDEM HYD (03790120)	1
2	23150293	LEVER F/ TANDEM PUMP, M8	2
3	25150285	ADJUSTER	2
4	03235280	SCREW	2
5	13154200	CONNECTOR	3
6	03600009	ELBOW	1
7	13153900	FITTING, STRAIGHT 1/2"G TO 3/8"G	5
8	076754	WASHER, SEAL 1/2"G (03160006)	9
9	03150303	FITTING, EYE CONNECTOR 1/4"G	1
10	076759	WASHER, SEAL 3/8"G (03160902)	8
11	076760	BANJO BOLT 3/8"G L 32MM (03150600)	2
12	03635007	SERVO CONTROL DELIVERY CONNECTION	1
13	13845200	FITTING, TEST PORT 1/8"G	5
14	62499858	KIT - SEALS	1
15	03365150	NUT	4
16	03237702	SCREW	4
17	13152800	FITTING, STRAIGHT 3/8"G	2
18	13154000	FITTING, STRAIGHT 3/4"G TO 1/2"G	1
19	03621100	CONNECTOR	1
20	03123401	HOSE, L 230MM	1
21	076778	WASHER, SEAL 1/8"G (03160900)	1
22	03220601	SCREW, M6 X 20 MM	4
23	03364003	NUT	4
24	62799612	JOINT	1
25	03795007	PUMP	1
26	67490039	O-RING SEAL 134	1
27	13154010	REDUCTION	1
28	03385000	WASHER, LOCK M8	2
29	45071165	WASHER, MODIFIED M10	2
30	03244902	SCREW, M10 X 30 MM	2
31	03620202	FITTING, STRAIGHT 1/8"G	1
32	03160910	WASHER	2
33	03150006	BANJO BOLT 1/4"G L 25MM (03150600)	1
34	03385201	WASHER, M8	2
35	03600010	ELBOW	2

SECTION 1 PARTS

Assembly, 03-03 Engine: Hydraulic Oil Radiator



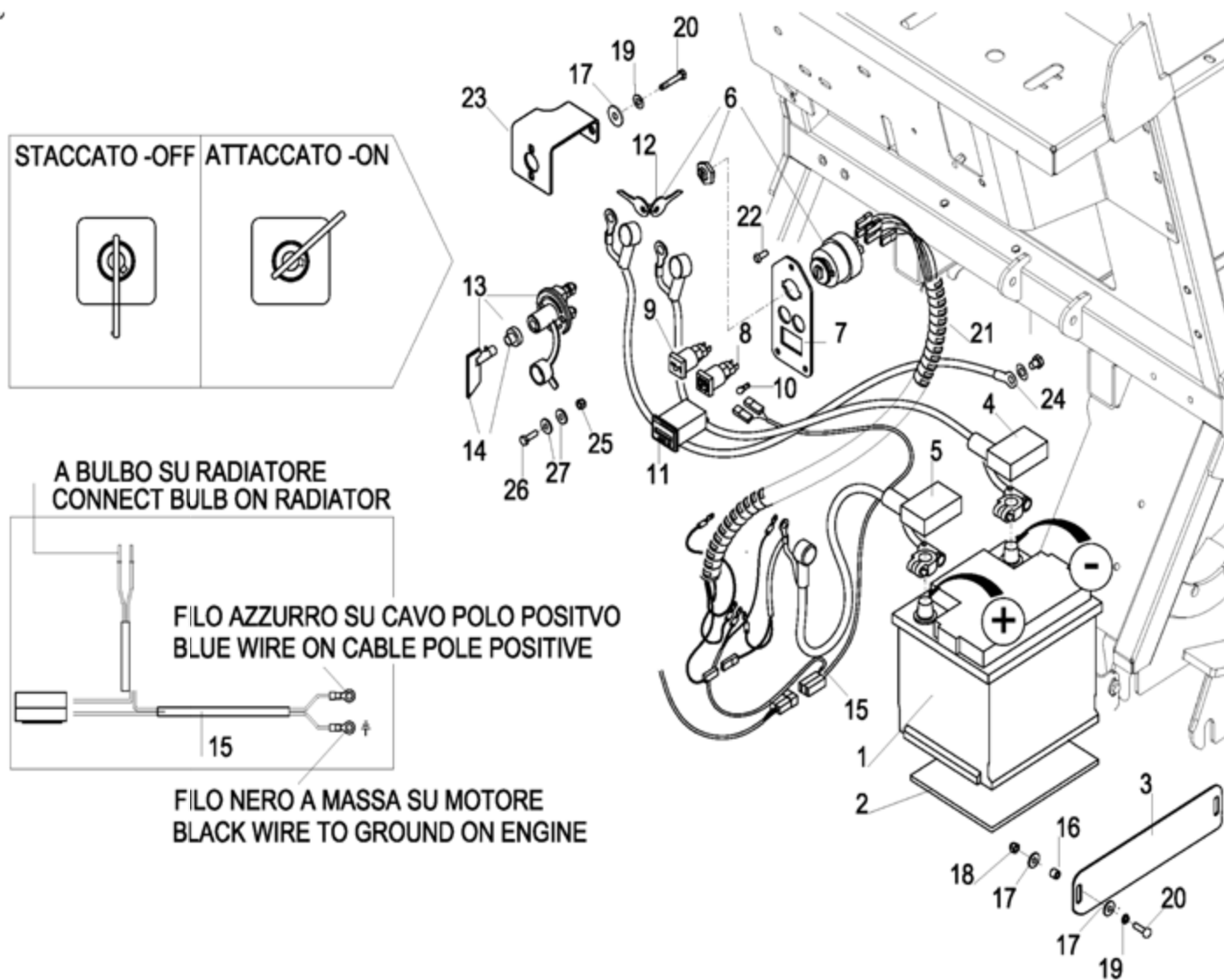
03-03 Engine: Hydraulic Oil Radiator Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96030636	ENGINE: HYDRAULIC OIL RADIATOR	-
1	073500	COOLER, HYDRAULIC OIL (33840908)	1
2	45155465	SUPPORT	1
3	03220701	SCREW, M6 X 25MM	4
4	03383000	WASHER, LOCK M6	4
5	03383311	WASHER, M6	10
6	03220601	SCREW, M6 X 20MM	6
7	13152900	FITTING, STRAIGHT 1/2"G	2
8	03606000	ELBOW	2
9	076754	WASHER, SEAL 1/2"G (03160006)	3
10	03628100	CONNECTOR	1
11	03639800	JUNCTION	1
12	13161211	FITTING, 90° ELBOW 3/8"G TO 1/2"G	1
13	13152600	JUNCTION	1
14	13153900	FITTING, STRAIGHT 1/2"G TO 3/8"G	2
15	03383000	WASHER, LOCK M6	4

SECTION 1 PARTS

Assembly, 03-04 Engine: Electrical System



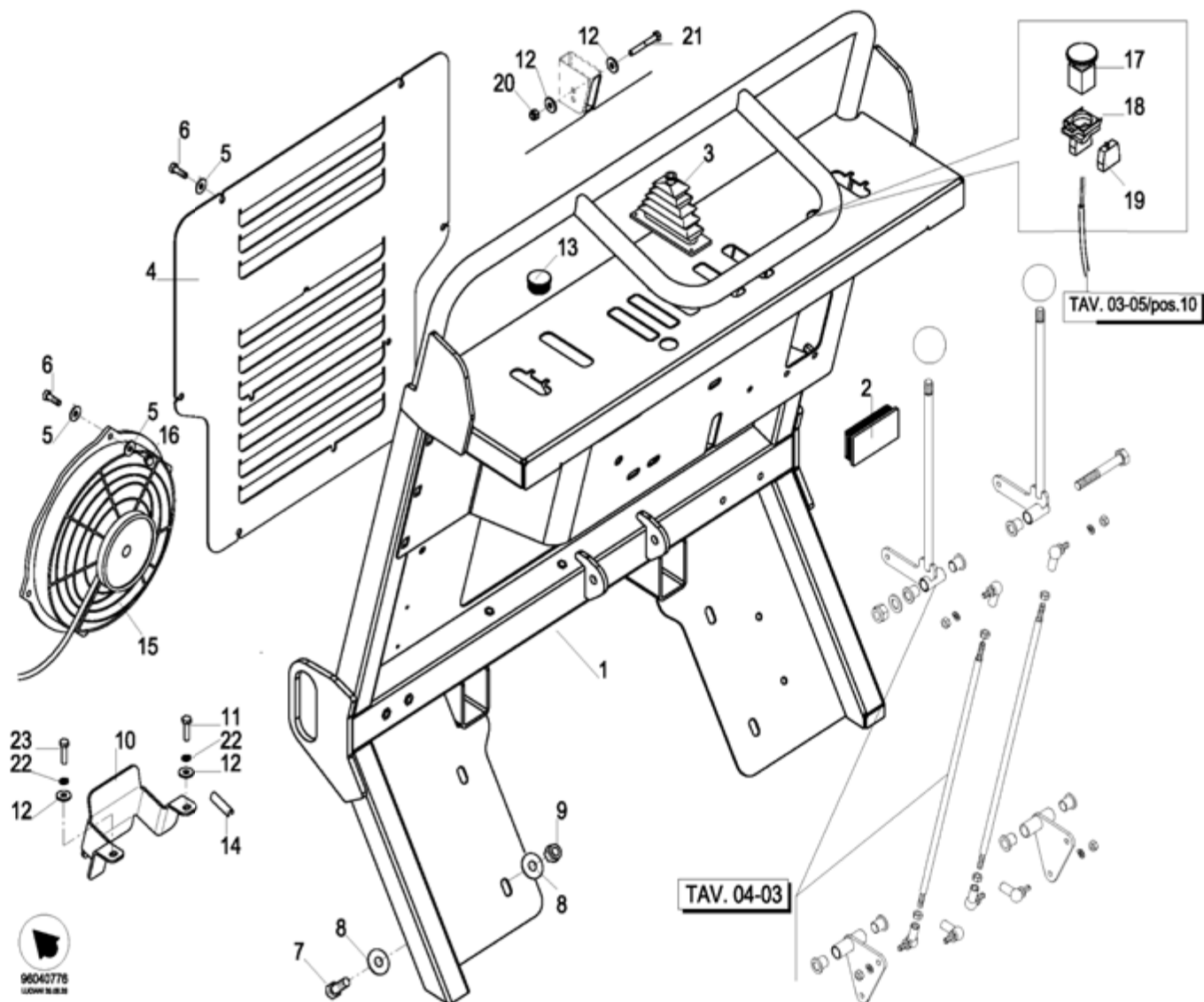
03-04 Engine: Electrical System Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96030637	ENGINE: ELECTRICAL SYSTEM	-
1	03010017	BATTERY 12V	1
2	30013521	LOWER BATTERY PROTECTION	1
3	45500258	BATTERY MOUNTING AND PROTECTION BRACKET	1
4	076763	NEGATIVE CABLE (60031668)	1
5	60031990	POSITIVE CABLE	1
6	63472712	STARTING SWITCH	1
7	60020196	PLATE	1
8	076765	WARNING LIGHT (33482061)	1
9	33480200	OIL PRESSURE WARNING LIGHT	1
10	03480601	LAMP	2
11	065625	HOUR COUNTER (03484203)	1
12	079252	KEY, (63472715)	2
13	065264	BATTERY DISCONNECTING DEVICE (13470004)	1
14	63471800	PROTECTION	1
15	60031991	ELECTRIC HARNESS	1
16	45020491	SPACER	2
17	03383311	WASHER, M6	6
18	03364010	NUT, M6 SELF LOCKING	4
19	03383000	WASHER, LOCK M6	4
20	03220601	SCREW, M6 X 20MM	4
21	60032008	DASHBOARD CABLE	1
22	03227700	SCREW	3
23	45152731	SUPPORT	1
24	60031667	GROUND CABLE	1
25	03364010	NUT, M6 SELF LOCKING	2
26	03220701	SCREW, M6 X 25MM	2
27	03383201	WASHER, M6	4

SECTION 1 PARTS

Assembly, 04-01 Driving Place



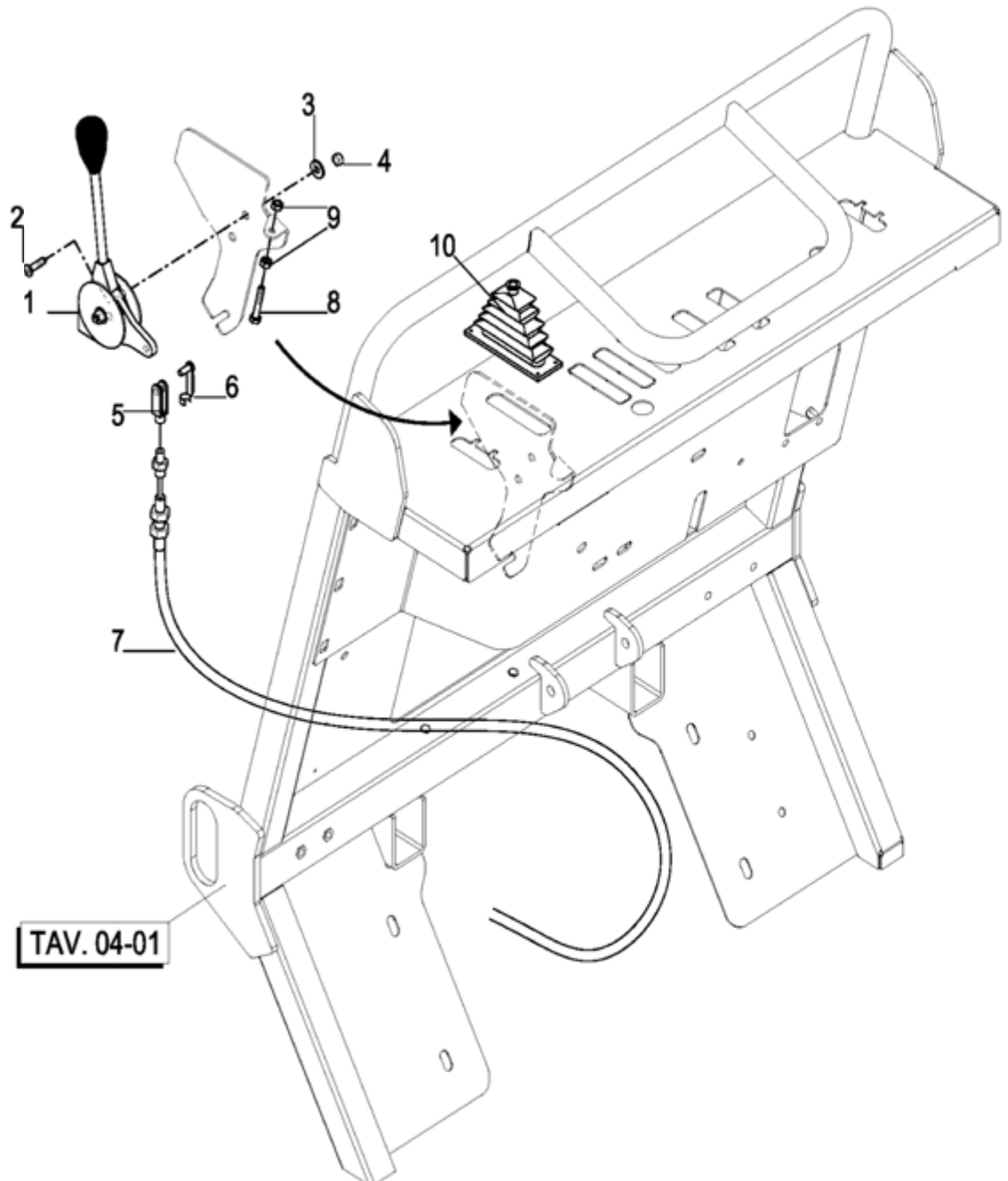
04-01 Driving Place Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96040776	DRIVING PLACE	-
1	55031004	DRIVING PLACE	1
2	076782	PLUG (13480010)	1
3	065266	RUBBER BELLOW (03581001)	3
4	30014950	PROTECTION	1
5	03383311	WASHER, M6	14
6	03227702	SCREW	10
7	03240501	SCREW, M10 X 30MM	6
8	03386011	WASHER, M10 LARGE OD	12
9	03366300	NUT, M10 SELF LOCKING	6
10	30014864	CLAMP	1
11	03220701	SCREW, M6 X 25MM	1
12	03383311	WASHER, M6	4
13	13480200	BLACK POLYETHYLENE MALE CAP	2
14	30320518	PROTECTION	1
15	070708	FAN, ELECTRIC (64844800)	1
16	03364010	NUT, M6 SELF LOCKING	4
17	065274	EMERGENCY STOP BUTTON (83211103)	1
18	067566	CONTACT, STOP BUTTON (83211101)	1
19	067565	CONTACT SUPPORT (83211100)	1
20	03364010	NUT, M6 SELF LOCKING	1
21	03221000	SCREW, M6 X 45MM	1
22	03383000	WASHER, LOCK M6	2
23	03220601	SCREW, M6 X 20MM	1

SECTION 1 PARTS

Assembly, 04-02 Accelerator Control



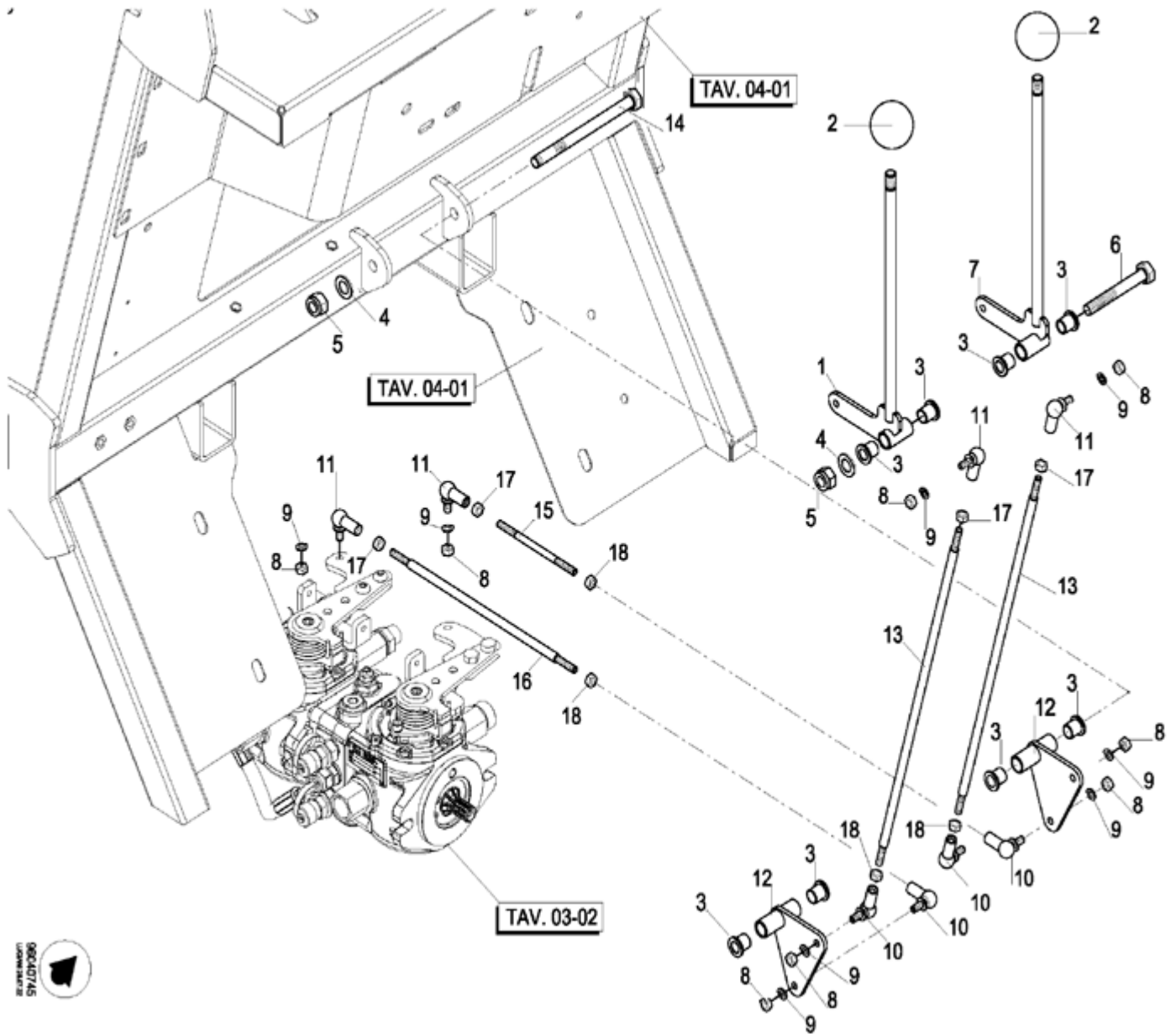
04-02 Accelerator Control Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96040777	ACCELERATOR CONTROL	-
1	071909	KIT, HAND LEVER (03563106)	1
2	03227520	SCREW, M6 X 25MM	2
3	03383311	WASHER, M6	2
4	03364010	NUT, M6 SELF LOCKING	2
5	13430001	LONG FORK THREADED HOLE M6 FOR PIN	1
6	13439570	CLIP PIN * 6 FOR LONG FORK	1
7	065268	CABLE, THROTTLE (03561305)	1
8	03220901	SCREW, M6 X 35MM	1
9	03364001	NUT, M6	2
10	065266	RUBBER BELLOW (03581001)	1

SECTION 1 PARTS

Assembly, 04-03 Translation Control



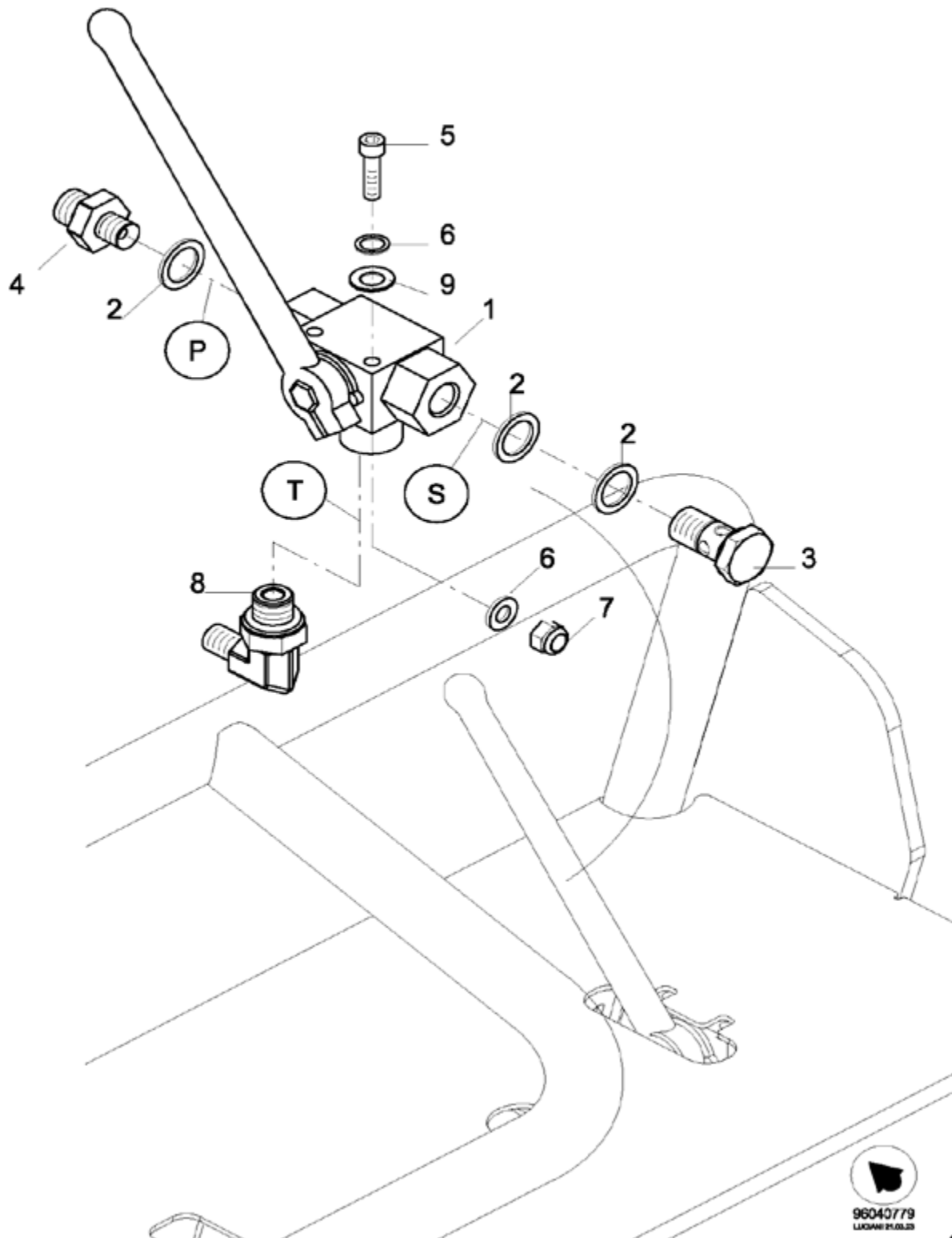
04-03 Translation Control Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96040778	TRANSLATION CONTROL	-
1	23150293	LEVER F/ TANDEM PUMP, M8	1
2	03581202	HAND GRIP	2
3	33592601	BUSH	8
4	03386201	WASHER, M10	2
5	03366300	NUT, M10 SELF LOCKING	2
6	03241700	SCREW	1
7	23150292	COMPLETE LEVER	1
8	03364010	NUT, M6 SELF LOCKING	8
9	03383000	WASHER, LOCK M6	8
10	03554001	LEFT ARTICULATION	4
11	03554000	JOINT	4
12	50101182	CONNECTING ROD	2
13	50101184	CONTROL LEVER	2
14	03242000	SCREW	1
15	50101241	TIE ROD	1
16	50101240	TIE ROD	1
17	03364001	NUT, M6	4
18	03364002	LEFT NUT	4

SECTION 1 PARTS

Assembly, 04-04 Parking Brake Lever



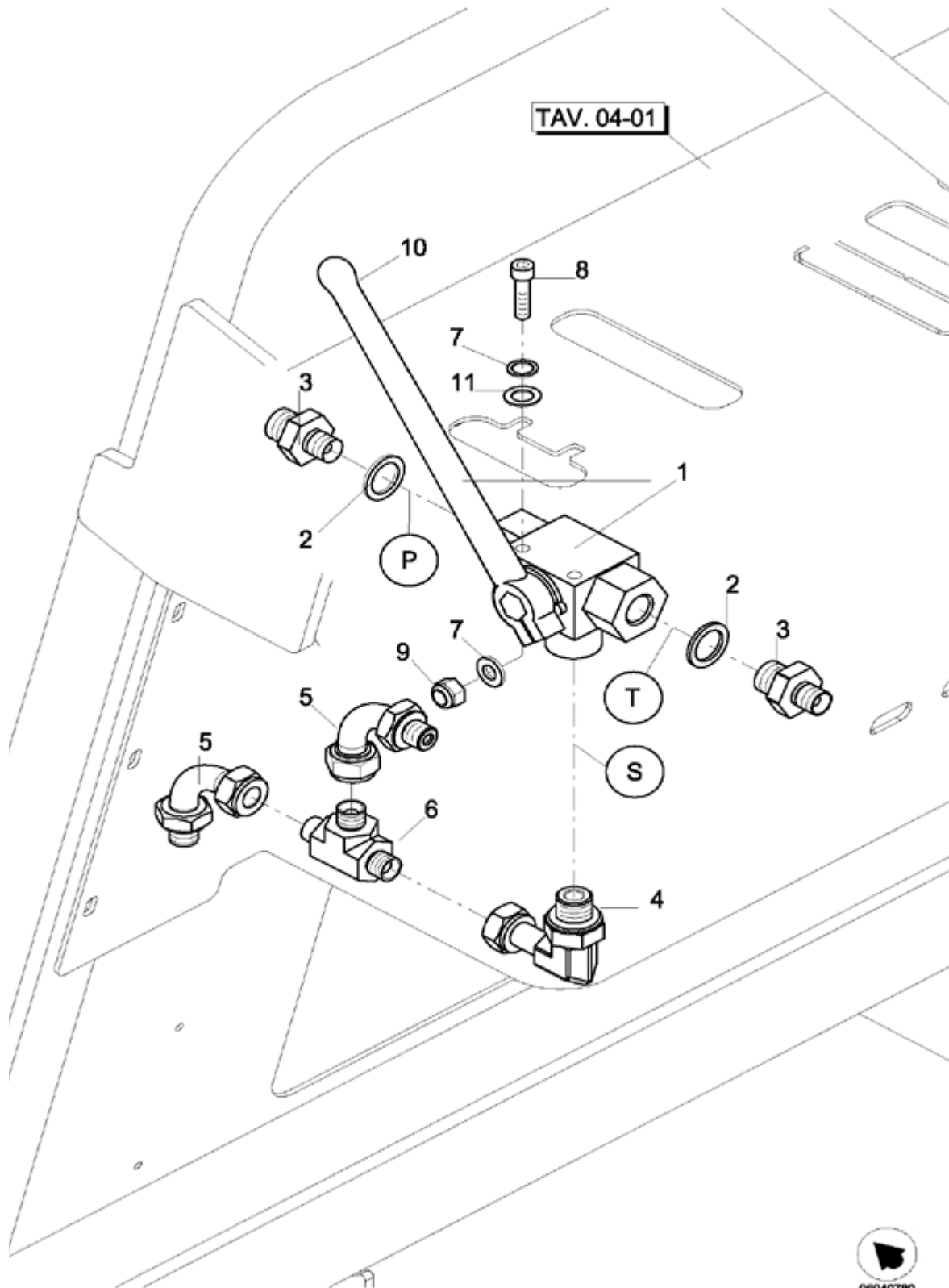
04-04 Parking Brake Lever Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96040779	PARKING BRAKE LEVER	-
1	13840026	3 WAY BALL VALVE	1
2	03160901	WASHER, SEAL 1/4"G	3
3	03150006	BANJO BOLT, 1/4"G	1
4	076756	REDUCTION (13150036)	1
5	03214600	SCREW, M5 X 45MM	2
6	03381000	WASHER, M5	4
7	03363100	NUT	2
8	13161229	FITTING, 90° ELBOW 1/8"G TO 1/4"G	1
9	03383201	WASHER, M6	2

SECTION 1 PARTS

Assembly, 04-05 Speed Mode Lever



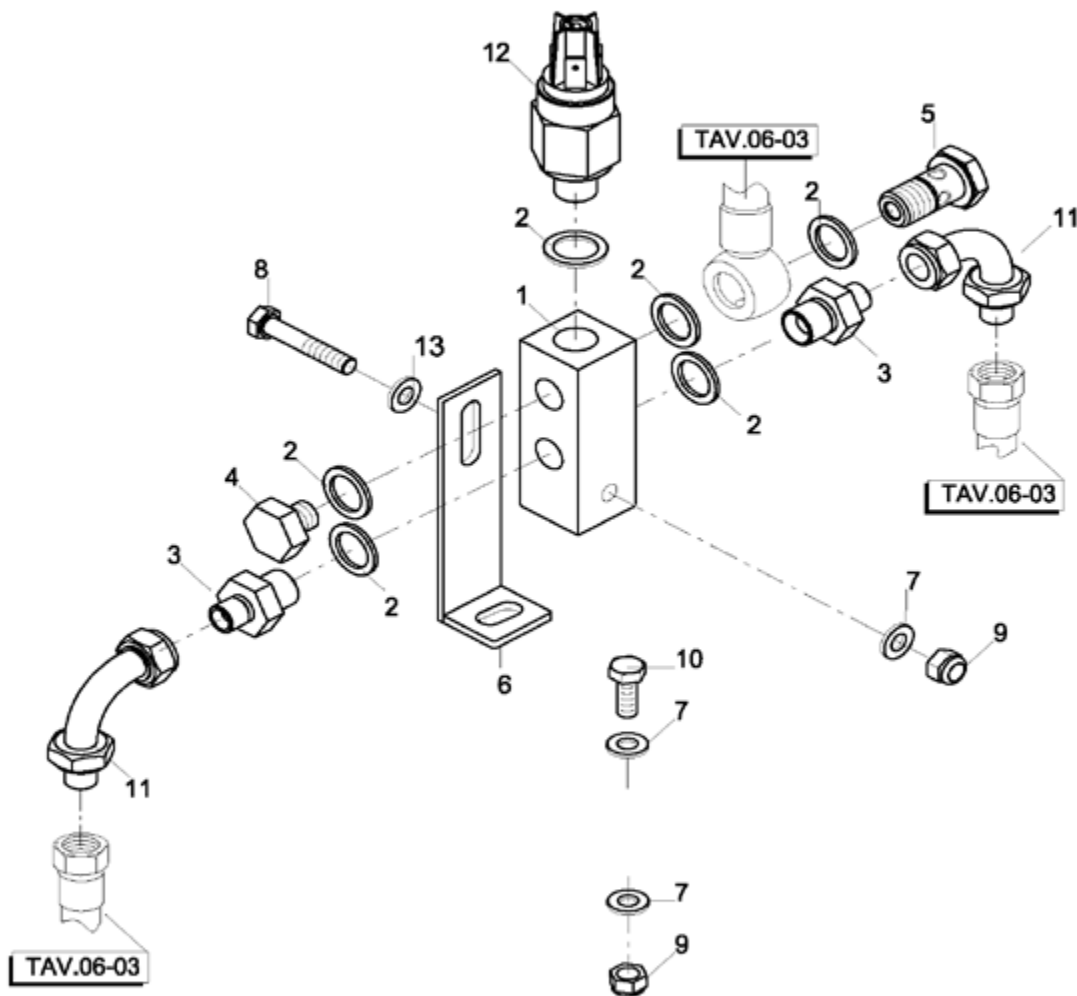
04-05 Speed Mode Lever Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96040780	SPEED MODE LEVER	-
1	13840026	3 WAY BALL VALVE	1
2	03160901	WASHER, SEAL 1/4"G	2
3	076756	FITTING, REDUCTION 1/4"G TO 1/8"G (13150036)	2
4	13161234	CONNECTOR	1
5	03600009	ELBOW	2
6	03630302	JUNCTION	1
7	03381000	WASHER, M5	4
8	03214600	SCREW, M5 X 45MM	2
9	03363100	NUT	2
10	076794	LEVER (63840000)	1
11	03383201	WASHER, M6	2

SECTION 1 PARTS

Assembly, 04-06 Valve for Drainage and Servo Controls



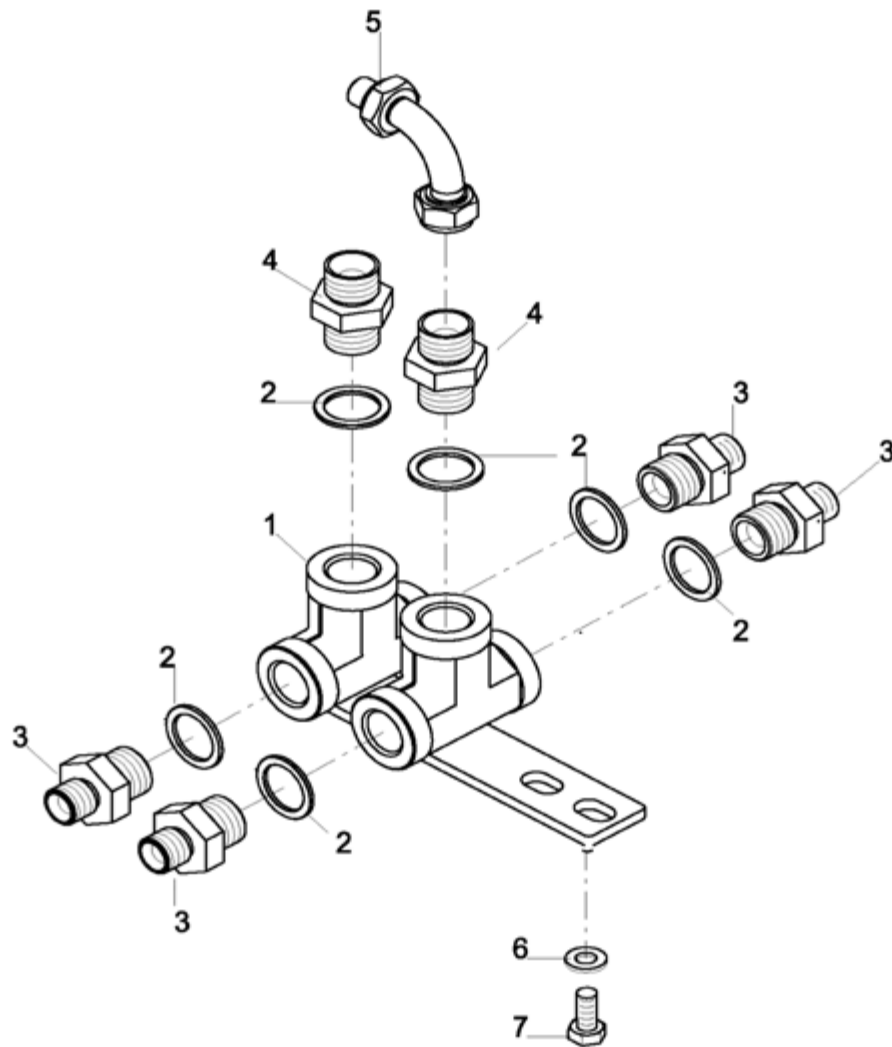
04-06 Valve for Drainage and Servo Controls Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96040602	VALVE F/ DRAINAGE & SERVO CONTROLS	-
1	25200650	MANIFOLD, DRAINAGE COLLECTION BLOCK	1
2	03160901	WASHER, SEAL 1/4"G	6
3	076756	FITTING, REDUCTION 1/4"G TO 1/8"G (13150036)	2
4	13166010	FITTING, HEX HEAD CAP 1/4"G	1
5	03150006	BANJO BOLT, 1/4"G	1
6	45500134	BRACKET, SUPPORT POST	1
7	03383202	WASHER, M6	3
8	03220901	SCREW, M6 X 35MM	1
9	03364010	NUT, M6 SELF LOCKING	2
10	03220401	SCREW, M6 X 16MM	1
11	03600009	ELBOW	2
12	065582	PRESSURE SWITCH (03841606)	1
13	03383311	WASHER, M6	1

SECTION 1 PARTS

Assembly, 04-07 Fittings for Drainage



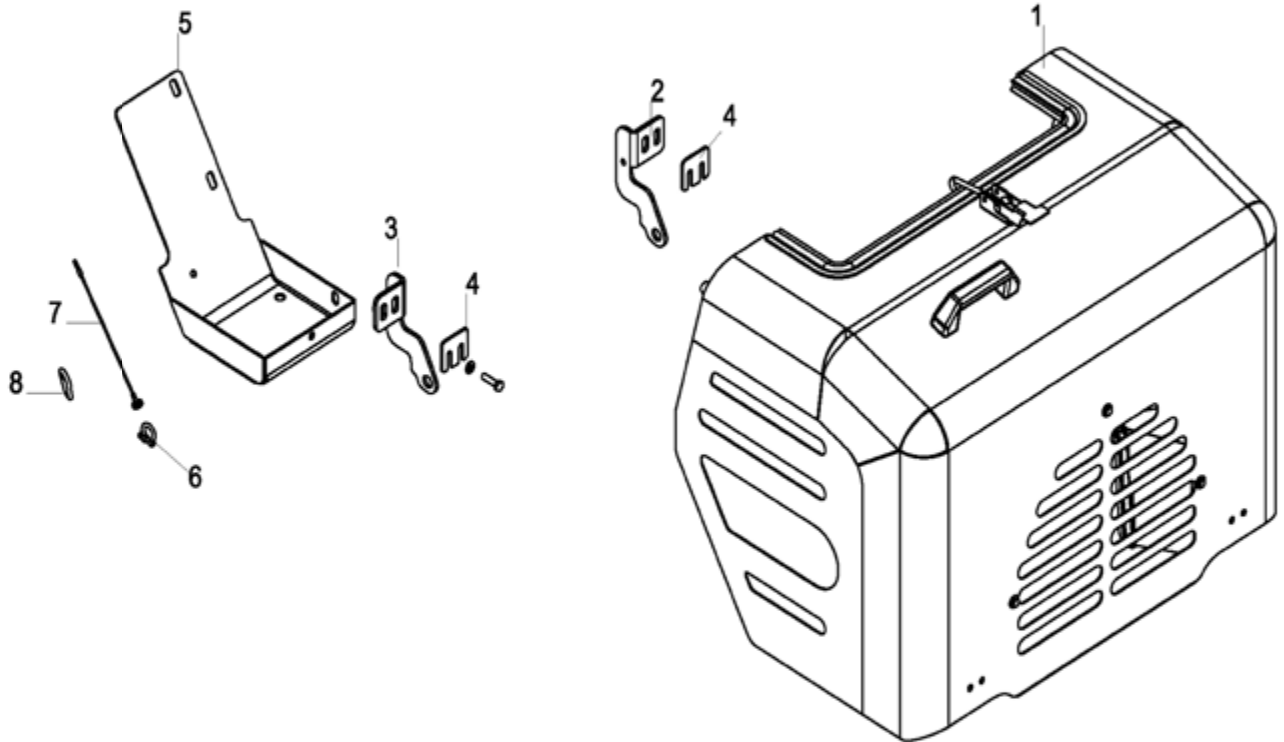
04-07 Fittings for Drainage Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96040383	FITTINGS FOR DRAINAGE	-
1	076786	CONNECTOR (25200637)	1
2	076759	WASHER (03160902)	6
3	13153950	FITTING, REDUCTION 3/8"G TO 1/4"G	4
4	13152800	FITTING, STRAIGHT 3/8"G	2
5	03600007	ELBOW	1
6	03386050	WASHER, SPRING M10	2
7	03230601	SCREW, M8 X 25MM	2

SECTION 1 PARTS

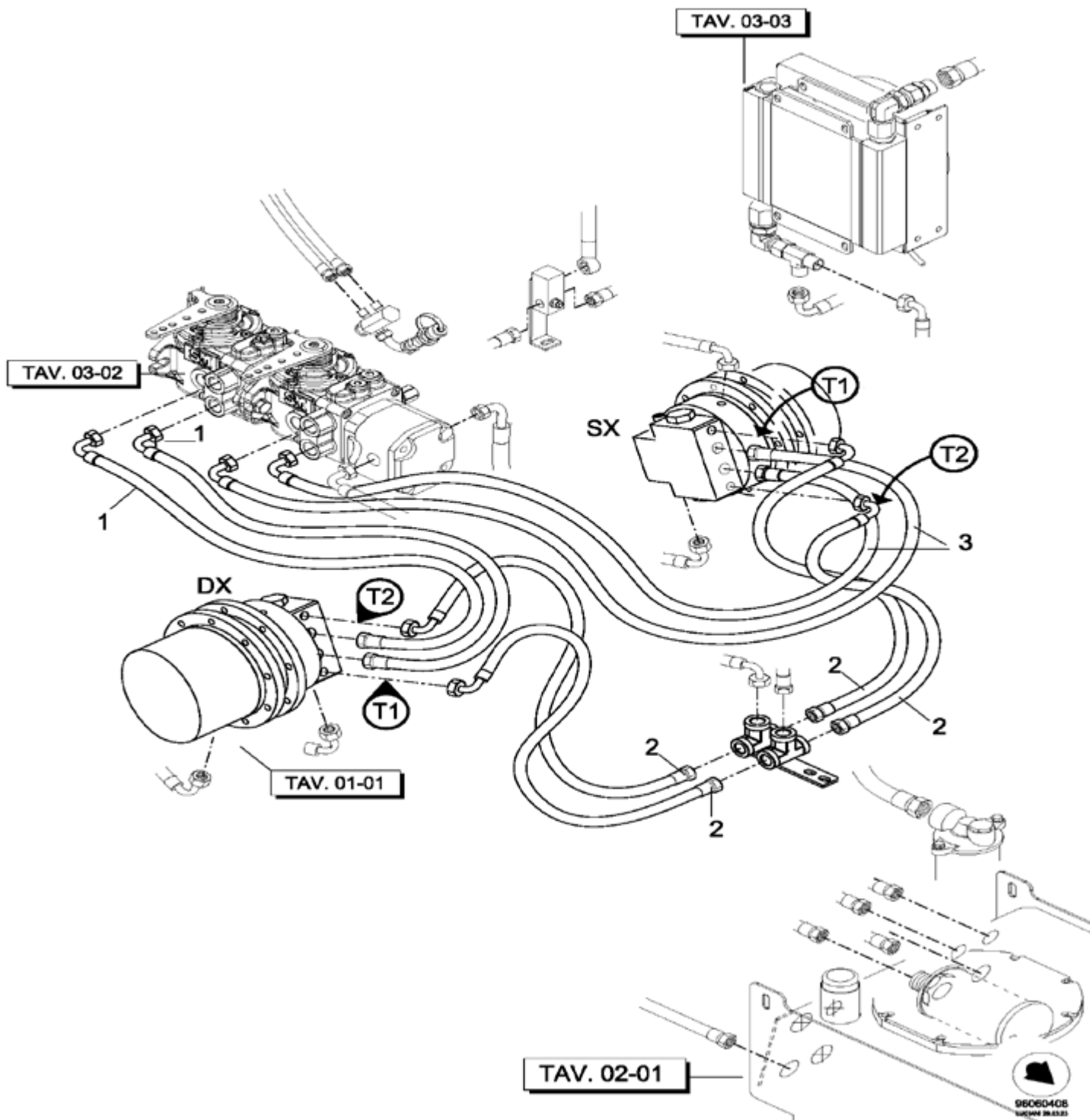
Assembly, 05-01 Engine Hood



ITEM	PART #	DESCRIPTION	QTY
-	96050576	ENGINE HOOD	-
1	30015815	COMPLETE HOOD	1
2	080729	CLAMP RH BRACKET (30014897)	1
3	080744	CLAMP LH BRACKET (30014898)	1
4	080745	SPACER PLATE (30014755)	2
5	30015776	CRANKCASE	1
6	03350005	HEART SHACKLE WITH CIRCULAR EYE PIN	6
7	03565002	CABLE	1
8	03350008	SNAP HOOK SIZE 60	1

SECTION 1 PARTS

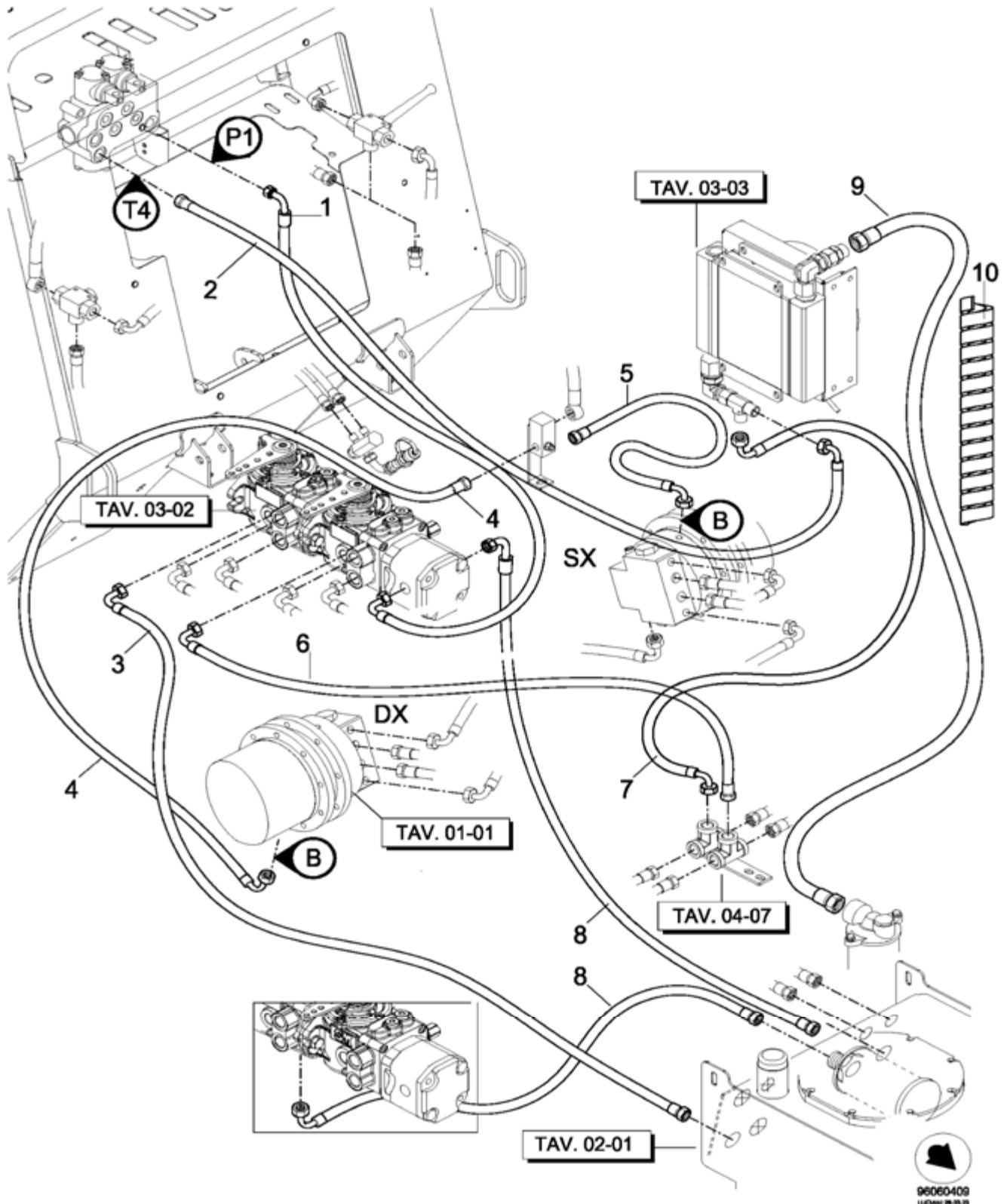
Assembly, 06-01B Hyd. Drive System



ITEM	PART #	DESCRIPTION	QTY
-	96060408	HYDRAULIC DRIVE SYSTEM	-
1	03111933	HOSE	2
2	03121913	HOSE	4
3	03111846	HOSE, L 580MM	2

SECTION 1 PARTS

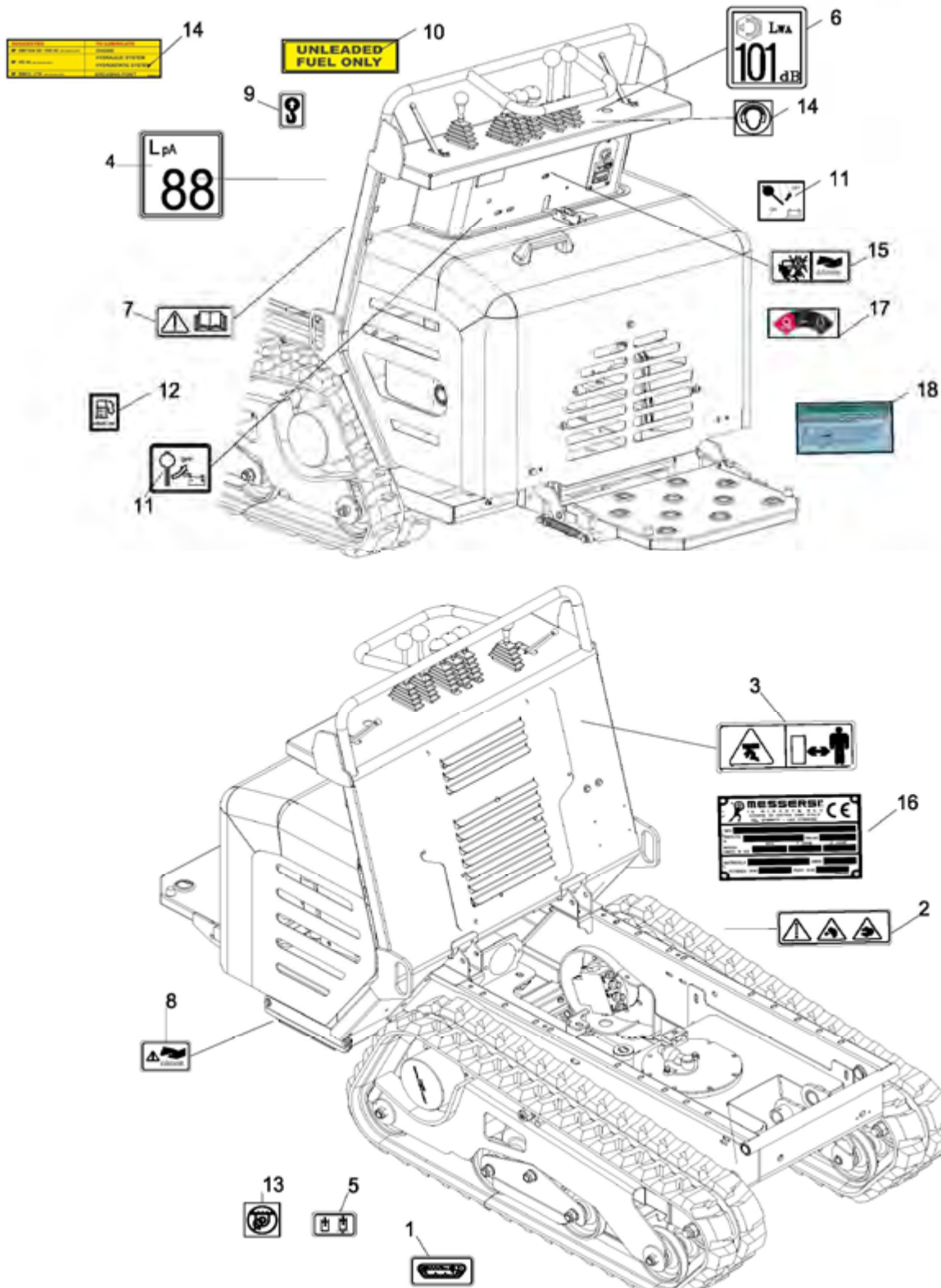
Assembly, 06-01C Hyd. Pump/Radiator System



ITEM	PART #	DESCRIPTION	QTY
-	96030501	HYDRAULIC PUMP TO RADIATOR CONNECTIONS	-
1	03123200	HOSE	1
2	03111959	HOSE	1
3	03111933	HOSE	1
4	076744	HOSE, 03121890 51.1" 3/16DIA (03121890)	1
5	076773	HOSE (03121868)	1
6	03111845	HOSE, L 350MM	1
7	076772	HOSE (03111963)	1
8	076777	HOSE (03130021)	2
9	03121843	HOSE	1
10	27200314	PROTECTION F/ HOSE	1

SECTION 1 PARTS

Assembly, 07-01 Decals, Driving Place - Undercarriage



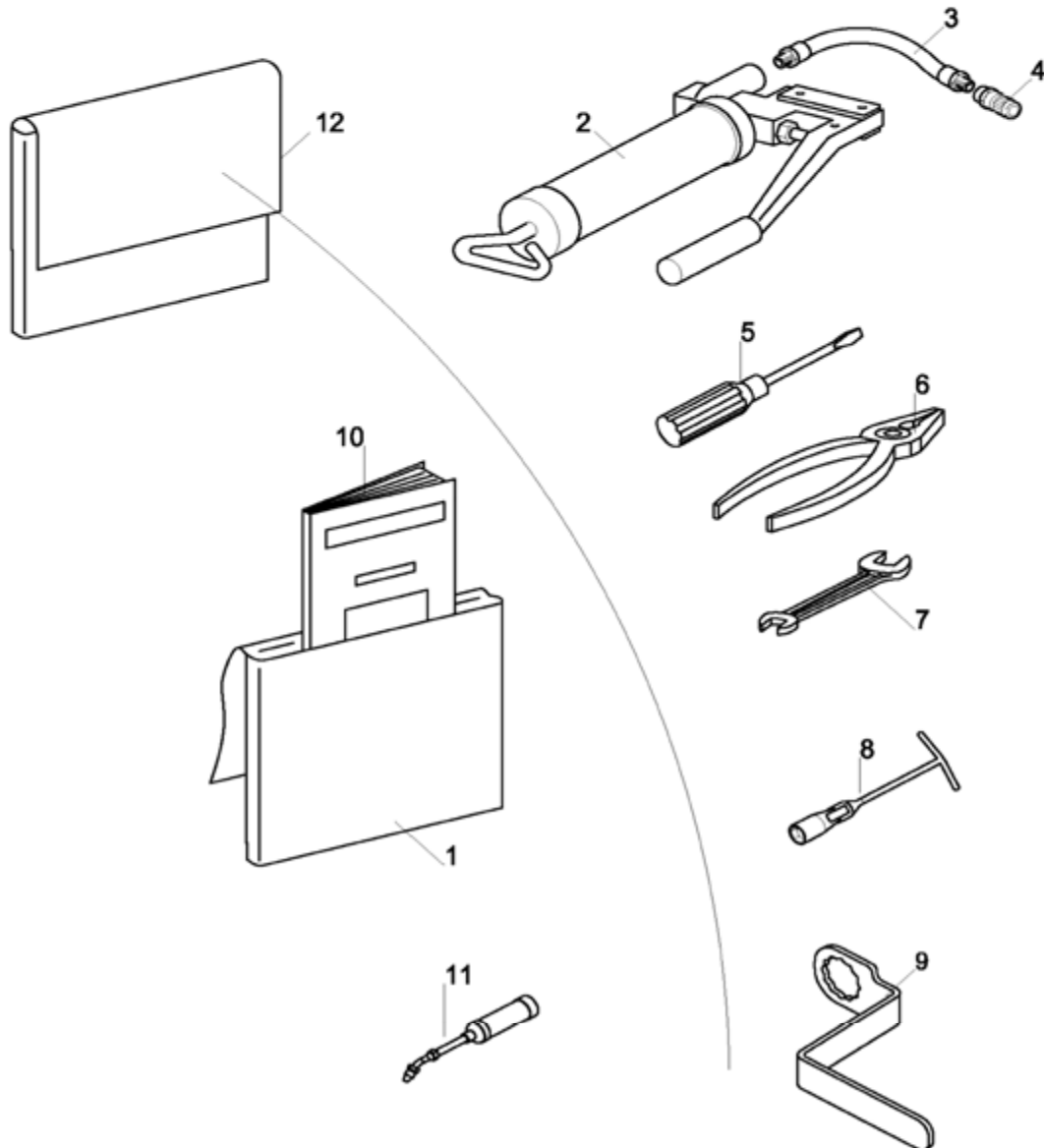
07-01 Decals, Driving Place - Undercarriage Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96070395	DECALS, DRIVING PLACE - UNDERCARRIAGE	-
1	03666063	DECAL	2
2	03660099	DECAL	1
3	03660098	DECAL	1
4	03665029	DECAL	1
5	03666066	DECAL	1
6	03665022	DECAL	1
7	03660170	DECAL	1
8	03660192	DECAL	1
9	03666024	DECAL	2
10	03660177	DECAL	1
11	03660252	DECAL	1
12	03660230	DECAL	1
13	03666311	DECAL	2
14	03665803	DECAL	1
15	03666312	DECAL	1
16	03664801	DECAL, SERIAL PLATE	1
17	03666366	DECAL	1
18	03660338	DECAL	1

SECTION 1 PARTS

Assembly, 07-02 Service Tools

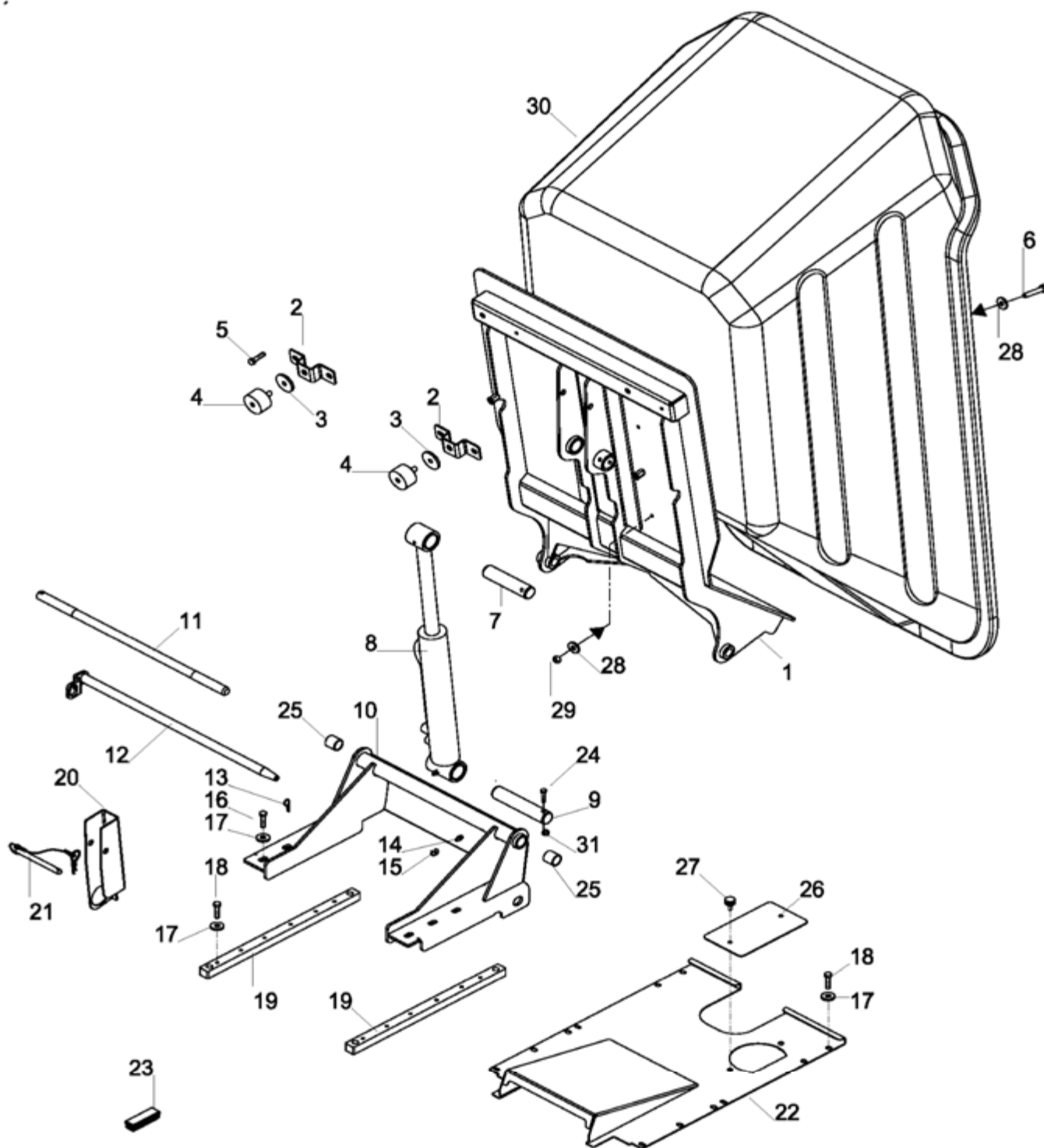


96070384
LUGBOW (IN) (IN)

ITEM	PART #	DESCRIPTION	QTY
-	96070396	SERVICE TOOLS	-
1	03679700	HOLDER	1
2	03519600	GREASING PUMP	1
3	03519800	HOSE	1
4	03519900	HEAD	1
5	03572000	SCREWDRIVER	1
6	03572300	NIPPER	1
7	03570000	KEY 10-13 MM	1
8	83130492	KEY	1
9	99100033	KEY 29.5 MM	1
10	03679005	PARTS CATALOG	1
11	99150000	GREASING PUMP	1
12	03679000	HOLDER	1

SECTION 1 PARTS

Assembly, 19-01 Bucket Plastic



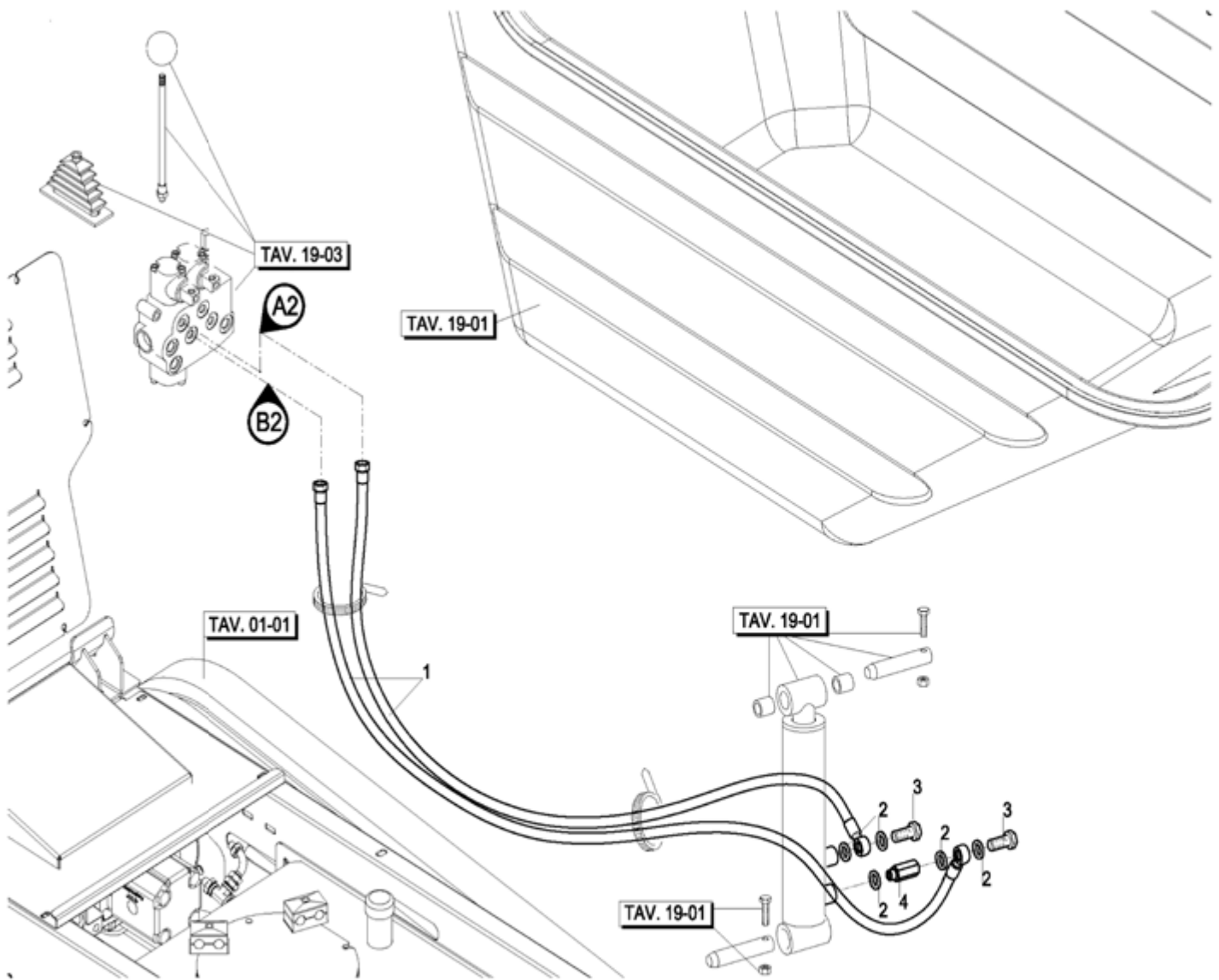
19-01 Bucket Plastic Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96190014	BUCKET, PLASTIC	-
1	10013355	FRAME	1
2	10012803	SUPPORT	2
3	91470151	WASHER	2
4	065628	VIBRATION-DAMPING, 50X30 SH.60 (03520300)	2
5	03230601	SCREW, M8 X 25MM	4
6	03240601	SCREW, M10 X 35MM	4
7	45070924	PIN	1
8	03180081	CYLINDER	1
9	45071351	PIN	1
10	55081686	MOVABLE FRAME	1
11	45070917	PIN	1
12	45070937	PIN	1
13	03739800	SPRING COTTER PIN	1
14	03511100	GREASE NIPPLE M8 X 1 TEMPERED	1
15	13480850	PLASTIC PROTECTION FOR GREASE NIPPLES	1
16	03230801	SCREW, M8 X 35MM	8
17	03386300	WASHER, HEAVY DUTY M10	16
18	03230701	SCREW, M8 X 30MM	10
19	55081584	PLATE	2
20	99150053	SAFETY RAFTER	1
21	99150044	LATCH	1
22	30015099	COVER	1
23	13480012	PLUG	1
24	03221000	SCREW, M6 X 45MM	2
25	33591805	BEARING 20X 25X 30 MM	2
26	10013371	DOOR	1
27	03580351	SCREW	2
28	03386011	WASHER, M10	8
29	03366300	NUT, M10 SELF LOCKING	4
30	10013736	BUCKET, PLASTIC	1
31	03364010	NUT, M6 SELF LOCKING	2

SECTION 1 PARTS

Assembly, 19-02 Hydraulic System F/ Bucket



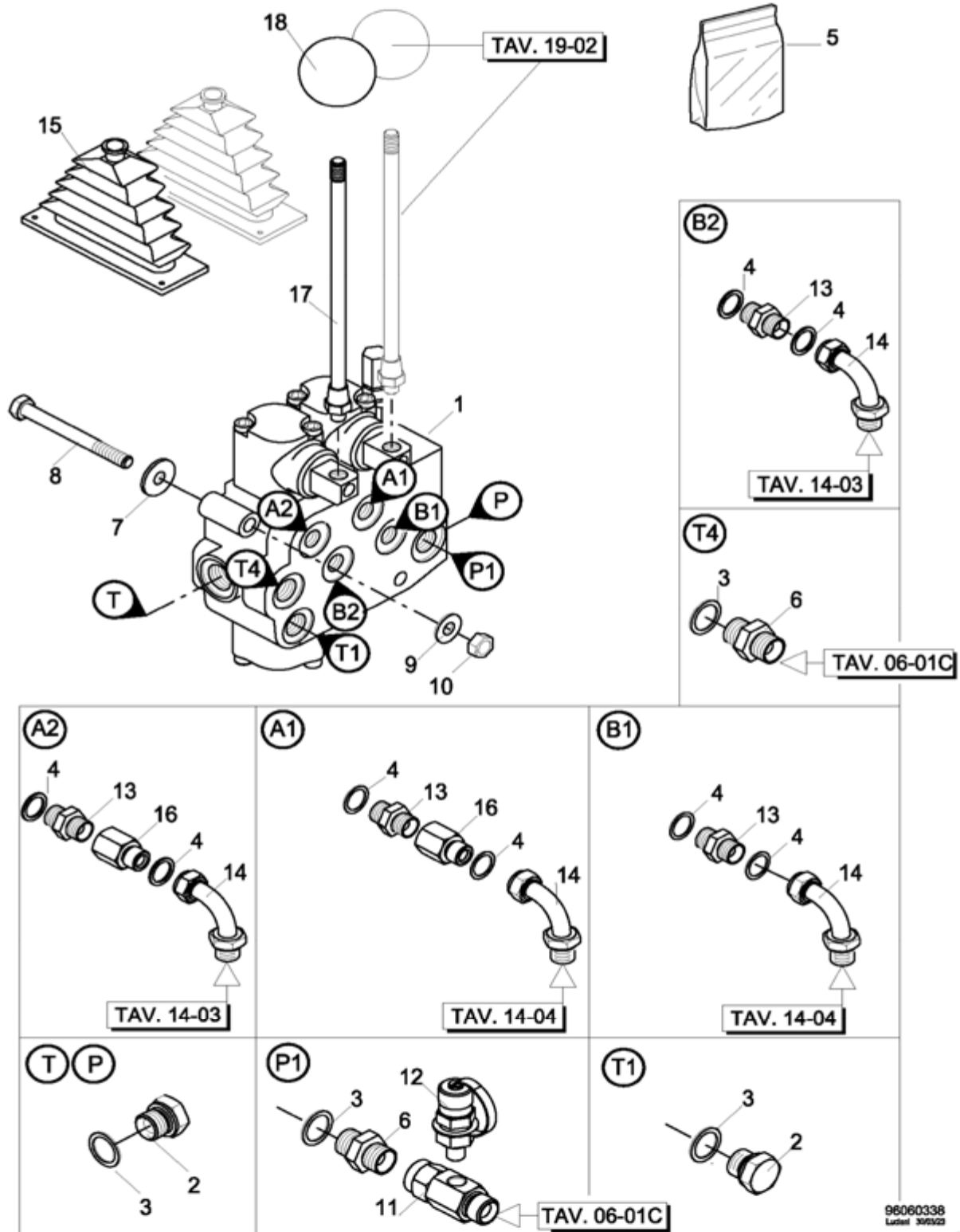
19-02 Hydraulic System F/ Bucket Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96190012	HYDRAULIC SYSTEM F/ BUCKET	-
1	03112033	HOSE	2
2	03160901	WASHER, SEAL 1/4"G	5
3	03150006	BANJO BOLT, 1/4"G	2
4	03620602	CONNECTOR	1

SECTION 1 PARTS

Assembly, 19-03 Hydraulic System F/ Bucket Continued



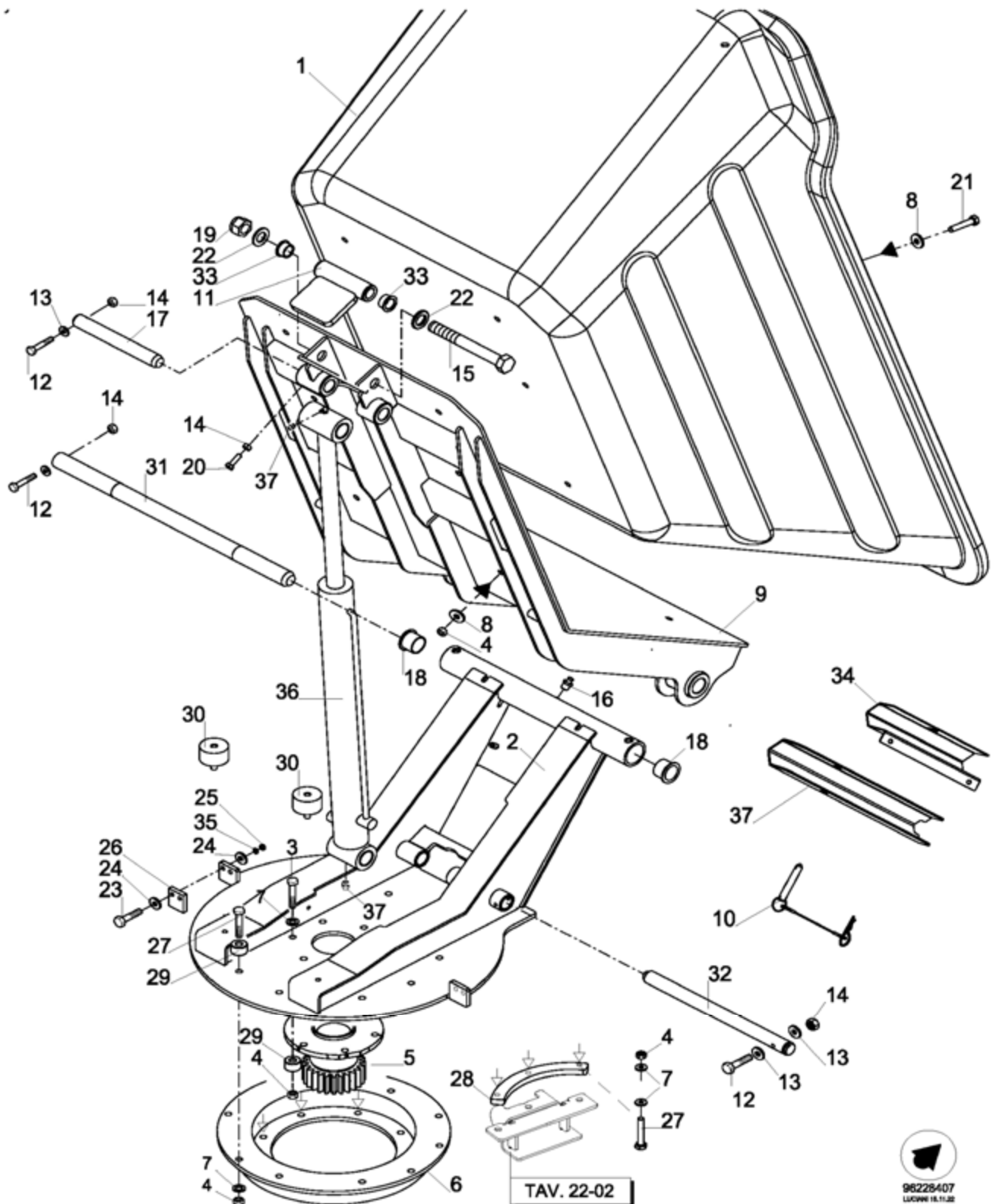
19-03 Hydraulic System F/ Bucket Continued Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96190013	ASSEMBLY, SWIVEL BUCKET	-
1	065624	DISTRIBUTOR (13180503)	1
2	03581203	PLUG	3
3	076759	WASHER, SEAL 3/8"G (03160902)	5
4	03160901	WASHER, SEAL 1/4"G	8
5	62497826	KIT, GASKET FOR VALVE	1
6	13152800	FITTING, STRAIGHT 3/8"G	2
7	03385401	WASHER, M8 LARGE OD	2
8	03231301	SCREW, M8 X 60MM	2
9	03385201	WASHER, M8	2
10	03365100	NUT, M8 SELF LOCKING	2
11	25200603	FITTING, 3 WAY 3/8"G, 1/8"G	1
12	13845200	FITTING, TEST PORT 1/8"G	1
13	13152700	FITTING, STRAIGHT 1/4"G	4
14	03605800	ELBOW	4
15	065266	RUBBER BELLOW (03581001)	1
16	03620603	CONNECTOR	2
17	23150232	LEVER FOR VALVE	1
18	03581203	HAND GRIP	1

SECTION 1 PARTS

Assembly, 22-01 Bucket Swivel



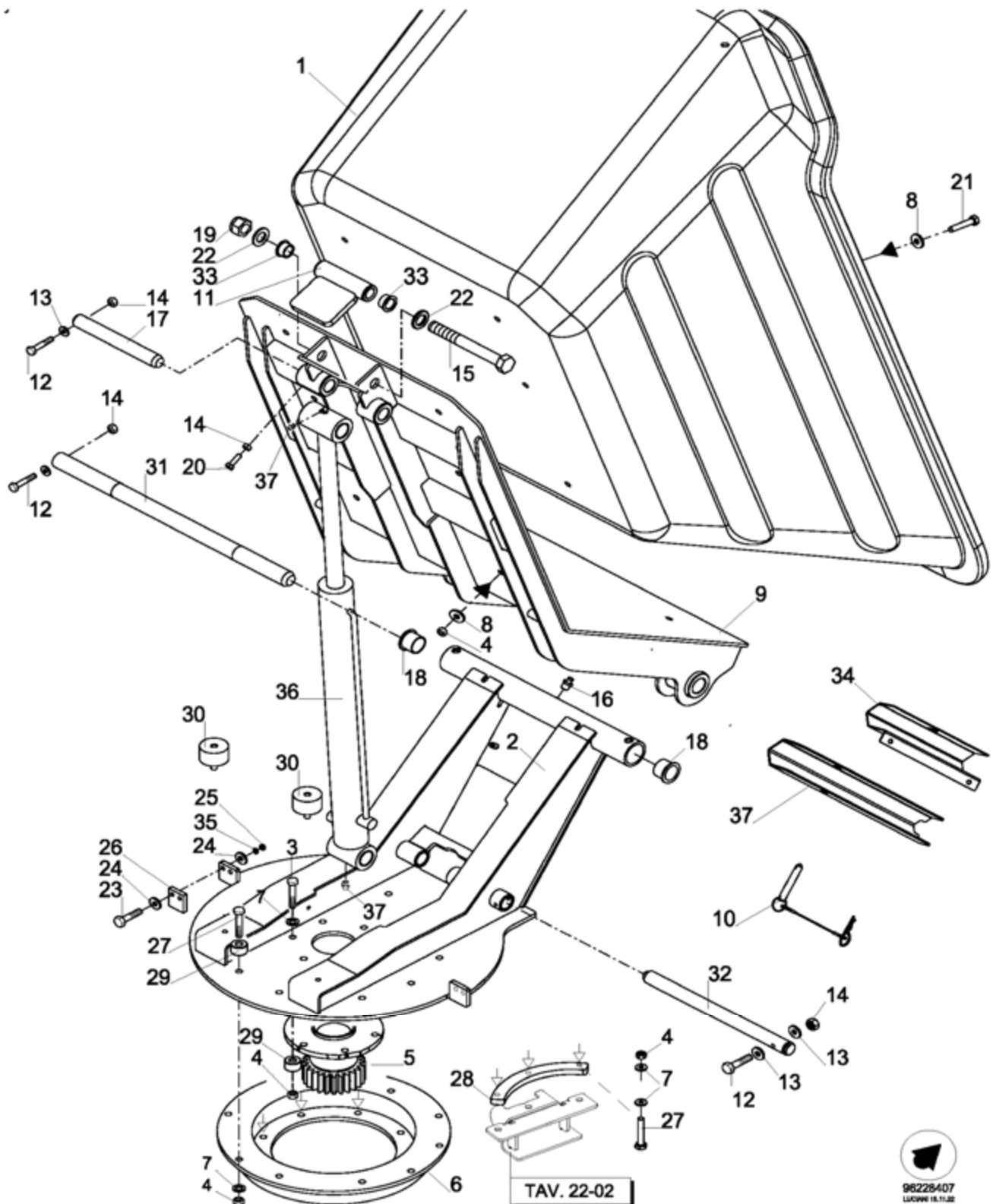
22-01 Bucket Swivel Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96228407	BUCKET, PLASTIC	-
1	10013735	BUCKET, PLASTIC	1
2	55020770	SWIVEL BUCKET FRAME	1
3	03241000	SCREW, M10 X 55MM	6
4	03366300	NUT, M10 SELF LOCKING	24
5	45060079	PINION GEAR	1
6	45030115	BEARING DISK	1
7	03386300	WASHER, M10 LARGE OD	21
8	03386201	WASHER, M10	12
9	10013695	FRAME FOR BUCKET	2
10	99150033	LATCH	2
11	23100251	PLATE, BUCKET LOCK	2
12	03221500	SCREW, M6 X 65MM	3
13	03383201	WASHER, M6	5
14	03364010	NUT, M6 SELF LOCKING	4
15	03284400	SCREW	1
16	03511100	GREASE NIPPLE M8 X 1	1
17	45071315	PIN, UPPER FOR CYLINDER	1
18	33593670	BUSHING, SELF LUBRICATING	2
19	03371101	NUT	1
20	03220701	SCREW, M6 X 25MM	1
21	03240601	SCREW, M10 X 35MM	6
22	03390710	WASHER 21 X 37 X 4 MM	2
23	03220800	SCREW, M6 X 30MM	4
24	03383311	WASHER, M6 LARGE OD	8
25	03364010	NUT, M6 SELF LOCKING	4
26	45250025	BUCKET END STOP	2
27	03241000	SCREW, M10 X 55MM	10
28	55020771	FLANGE	1
29	45020491	SPACER	19
30	065628	VIBRATION-DAMPING, 50X30 SH.60 (03520300)	2
31	45071314	PIN, BUCKET HINGE	1

SECTION 1 PARTS

Assembly, 22-01 Bucket Swivel

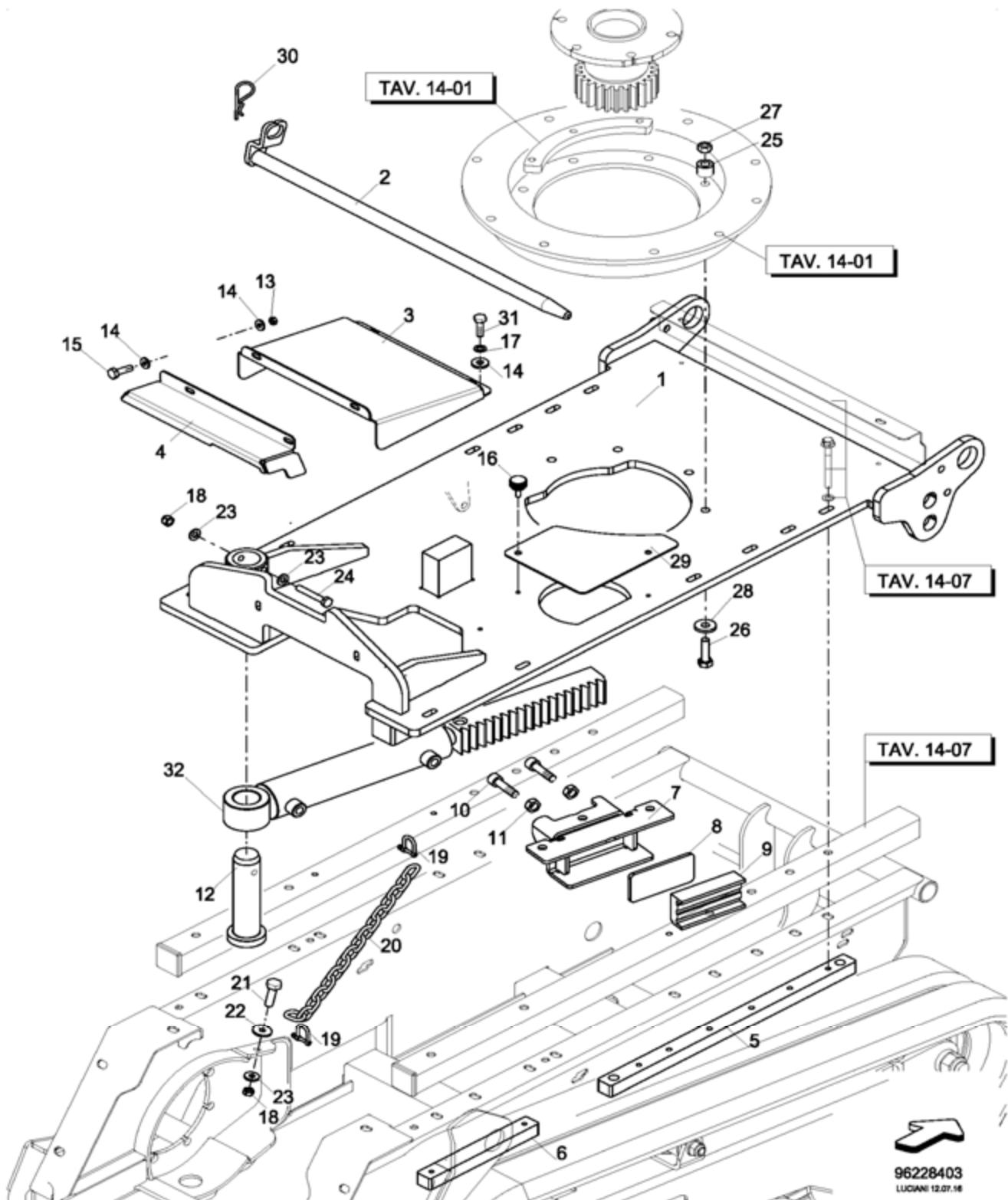


22-01 Bucket Swivel Parts List Continued

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96228407	BUCKET, SWIVEL CONTINUED	-
32	45071337	PIN	1
33	33592604	BUSHING	2
34	99150038	SHAPED SAFETY STRUT	1
35	03383000	WASHER, LOCK M6	4
36	065630	GASKET SET FOR CYLINDER (03181074)	1
37	13480850	PLASTIC PROTECTION FOR GREASE NIPPLES	2
38	99150038	SHAPED SAFETY STRUT	1

Assembly, 22-02 Bucket Swivel Base



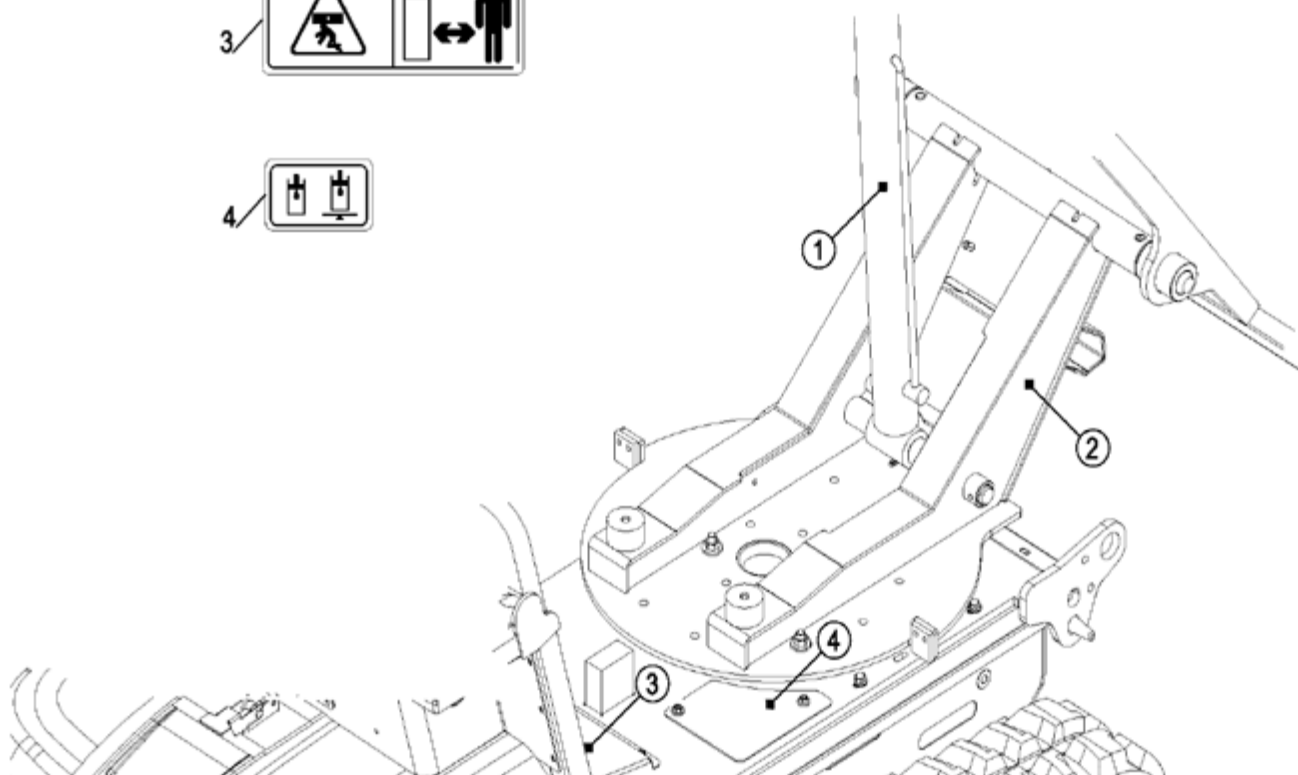
22-02 Bucket Swivel Base Parts List

SECTION 1 PARTS

ITEM	PART #	DESCRIPTION	QTY
-	96228407	BUCKET, SWIVEL BASE	-
1	10012985	SWIVEL FRAME	1
2	45070937	PIN	1
3	30014830	COVER	1
4	076787	SMALL COVER (30014831)	1
5	55081584	PLATE	2
6	55081657	PLATE	2
7	45155438	RACK GUIDE SUPPORT	1
8	45155439	RUNNER PLATE	1
9	45300076	RACK GUIDE	1
10	03245101	SCREW	2
11	03366001	NUT, M10	2
12	45071316	CYLINDER-RACK JOINT PIN	1
13	03364004	NUT	2
14	03383300	WASHER, M6	6
15	03220800	SCREW, M6 X 30MM	2
16	03580351	SCREW	2
17	03220401	SCREW, M6 X 16MM	2
18	03365100	NUT, M8 SELF LOCKING	2
19	03350007	CONNECTION	2
20	45155466	CHAIN	1
21	03230701	SCREW, M8 X 30MM	1
22	03385401	WASHER, M8 LARGE OD	1
23	03385201	WASHER, M8	3
24	03231501	SCREW, M8 X 70MM	1
25	45020491	SPACER	5
26	03241000	SCREW, M10 X 55MM	5
27	03366300	NUT, M10 SELF LOCKING	5
28	03386201	WASHER, M10	5
29	076770	DOOR, OIL INSPECTION (10012918)	1
30	03739800	COTTER PIN	1
31	03220401	SCREW, M6 X 16MM	2
32	03180077	CYLINDER	1

SECTION 1 PARTS

Assembly, 22-03 Decals for Bucket



ITEM	PART #	DESCRIPTION	QTY
-	96228406	DECALS, FOR BUCKET	-
1	03660062	DECAL	1
2	03660099	DECAL	2
3	03660098	DECAL	1
4	03666066	DECAL	1

SECTION 1 PARTS

Revision Notes

MANUAL REVISION DETAIL

REVISION #	REVISION DATE	REVISION REFERENCE #	REVISION BY
A	08/26	Re-format illustrations/parts list	MK

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10,100,537; 9,068,301; 9,068,300; 8,360,680; 7,690,864; 7,114,876B1; 6,857,815B2; 6,582,153
With other Patents Pending.

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