

Parts Manual

KY400

Trencher



Revised 10/07/24
09.20064 Rev. 01



500 Venture Drive
Orrville Oh 44667
www.ventrac.com

Serial Number Description



Notes

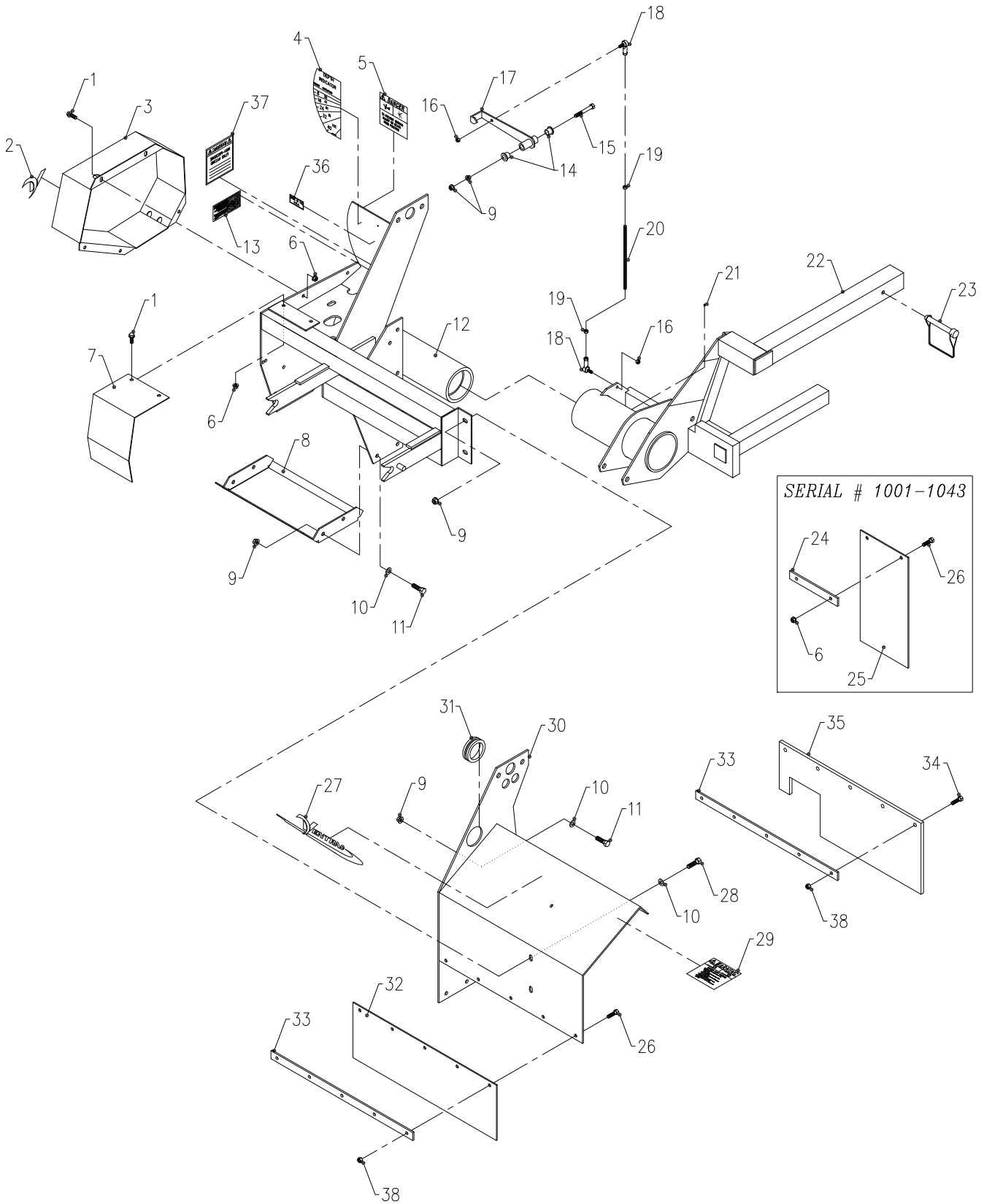
- If any component requires replacement, use only original Ventrac replacement parts.
- When ordering new components, be sure to order all required safety decals. All current safety decals must be affixed to the replacement components prior to installation of the component.

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PARTS

ILLUSTRATED DRAWING Main Frame, Boom Frame, & Shields



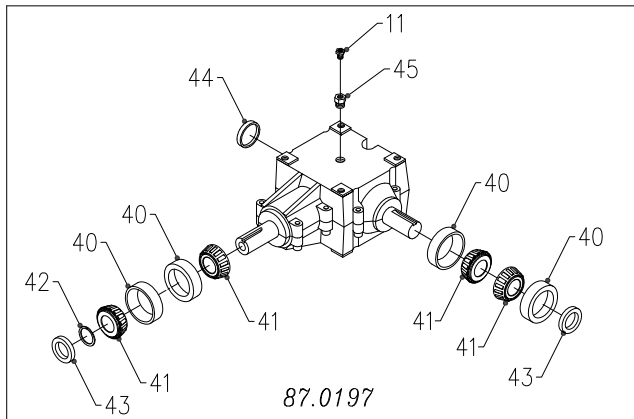
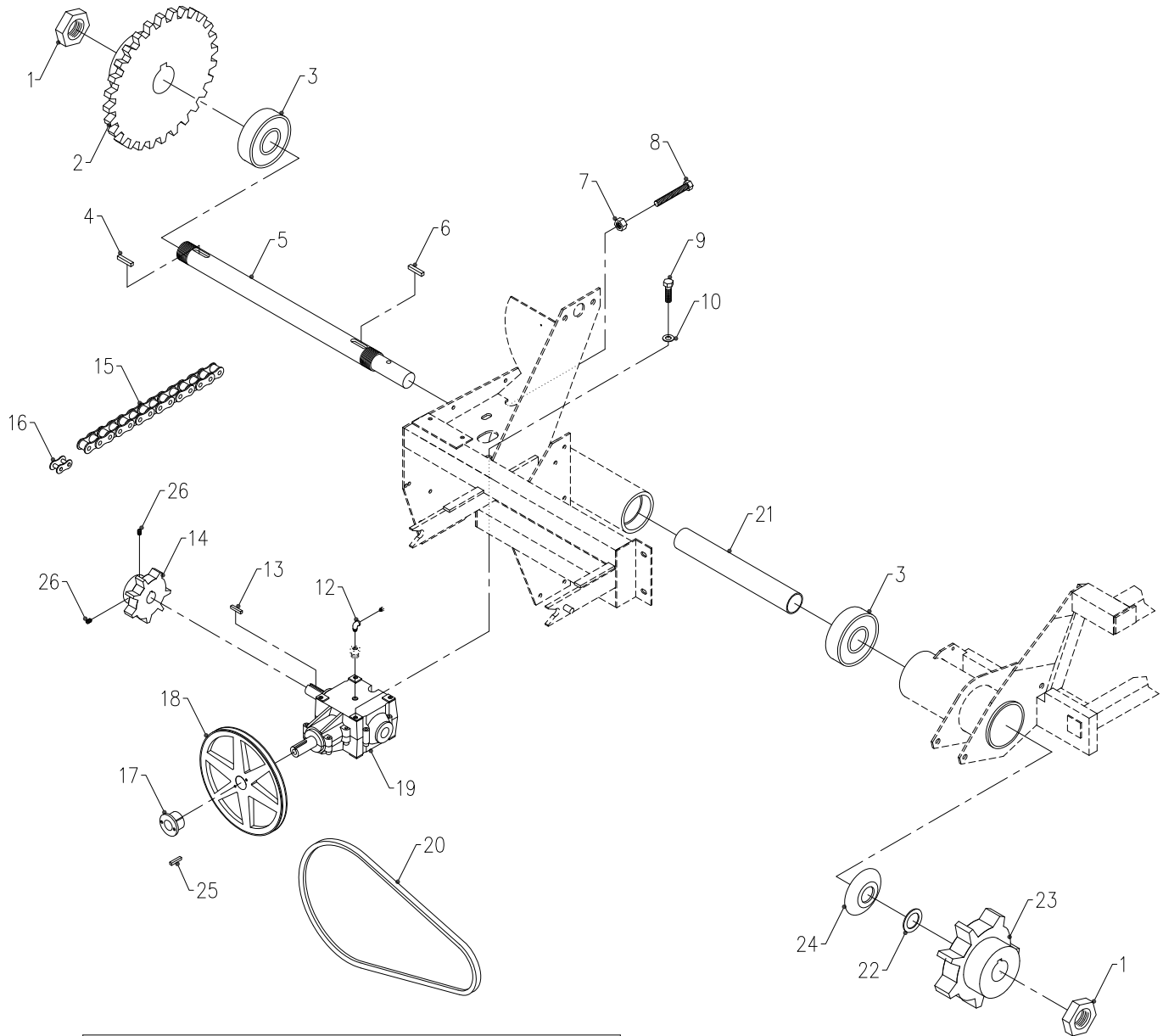
PARTS

Main Frame, Boom Frame, & Shields

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF0506	.BOLT, SRF 5/16-18 USS X 3/4	8
2	00.0192	.DECAL, V-DECAL DIE CUT BLUE	1
3	60.0834	.SHIELD, CHAIN	1
4	00.0186	.DECAL, DEPTH INDICATOR KY	1
5	00.0102	.DECAL, DANGER-PINCHING HAZARD (Serial # 1001-2093)	1
5	00.0620	.DECAL, PINCHING OR CRUSHING HAZARD (Serial # 2094 -)	1
6	99.SF05	.NUT, SRF 5/16-18 USS	7
7	60.0833	.SHIELD, BELT DRIVE	1
8	60.0835	.PLATE, FOOT PAD	1
9	99.SF06	.NUT, SRF 3/8-16 USS	11
10	95.06	.WASHER, FLAT 3/8 SAE	11
11	90.0608	.BOLT, 3/8-16 USS X 1	7
12	62.0927	.FRAME, MAIN	1
13	00.0217	.DECAL, WARNING READ OWNERS MAN (Serial # 1001-2093)	1
13	00.0619	.DECAL, READ OPERATOR'S MANUAL (Serial # 2094 -)	1
14	85.B0068	.BUSHING, 3/8 X 1/2 OD X 1/2 LG	2
15	90.0618	.BOLT, 3/8-16 USS X 2 1/4	1
16	99.A04NF	.LOCKNUT, STOVER 1/4-28 SAE	2
17	40.0302	.ARM, DEPTH GAUGE POINTER	1
18	43.004S	.ROD END, 1/4 SPHERICAL W/STUD	2
19	93.04	.NUT, 1/4-28 SAE	2
20	42.0449	.ROD, THREADED 1/4-28 X 9L	1
21	29.GF0001	.GREASE FTG, 1/4 SAE ST	1
22	62.0928	.FRAME, BOOM/DIGGER	1
23	03.0003	.PIN, SAFETY SNAP 3/8 X 2 1/2	1
24	64.0992	.CLAMP, BELTING 7" LONG	1
25	44.0198	.FLAP, COVER KY	1
26	90.0506	.BOLT, 5/16-18 USS X 3/4	7
27	00.0189	.DECAL, VENTRAC ORBITAL (Serial # 1001-2453)	1
27	00.0383	.DECAL, VENTRAC (Serial # 2454-)	1
28	90.0606	.BOLT, 3/8-16 USS X 3/4	2
29	00.0101	.DECAL, HAZARD-MOVING PART (Serial # 1001-2093)	1
29	00.0704	.DECAL, TRENCHER HAZARD (Serial # 2094 -)	1
30	60.0832	.FRAME, AUGER SHROUD	1
31	05.0073	.GROMMET, 2 ID, 2-3/4 OD 9/16 T	1
32	44.0197	.BELTING, LOWER DIRT	1
33	64.0991	.CLAMP, BELTING 1" X 20-3/4L	2
34	90.0508	.BOLT, 5/16-18 USS X 1	5
35	44.0208	.BELTING, AUGER AND CHAIN	1
36	00.0770	.DECAL, MADE IN USA	1
37	00.0103	.DECAL, HAZARD-HIGH PRESS.FLUID (Serial # 1001-2093)	1
37	00.0621	.DECAL, HIGH PRESSURE FLUID HAZARD (Serial # 2094 -)	1
38	99.A05	.LOCKNUT, STOVER 5/16-18 USS	10

PARTS

ILLUSTRATED DRAWING Trencher Drivetrain



PARTS

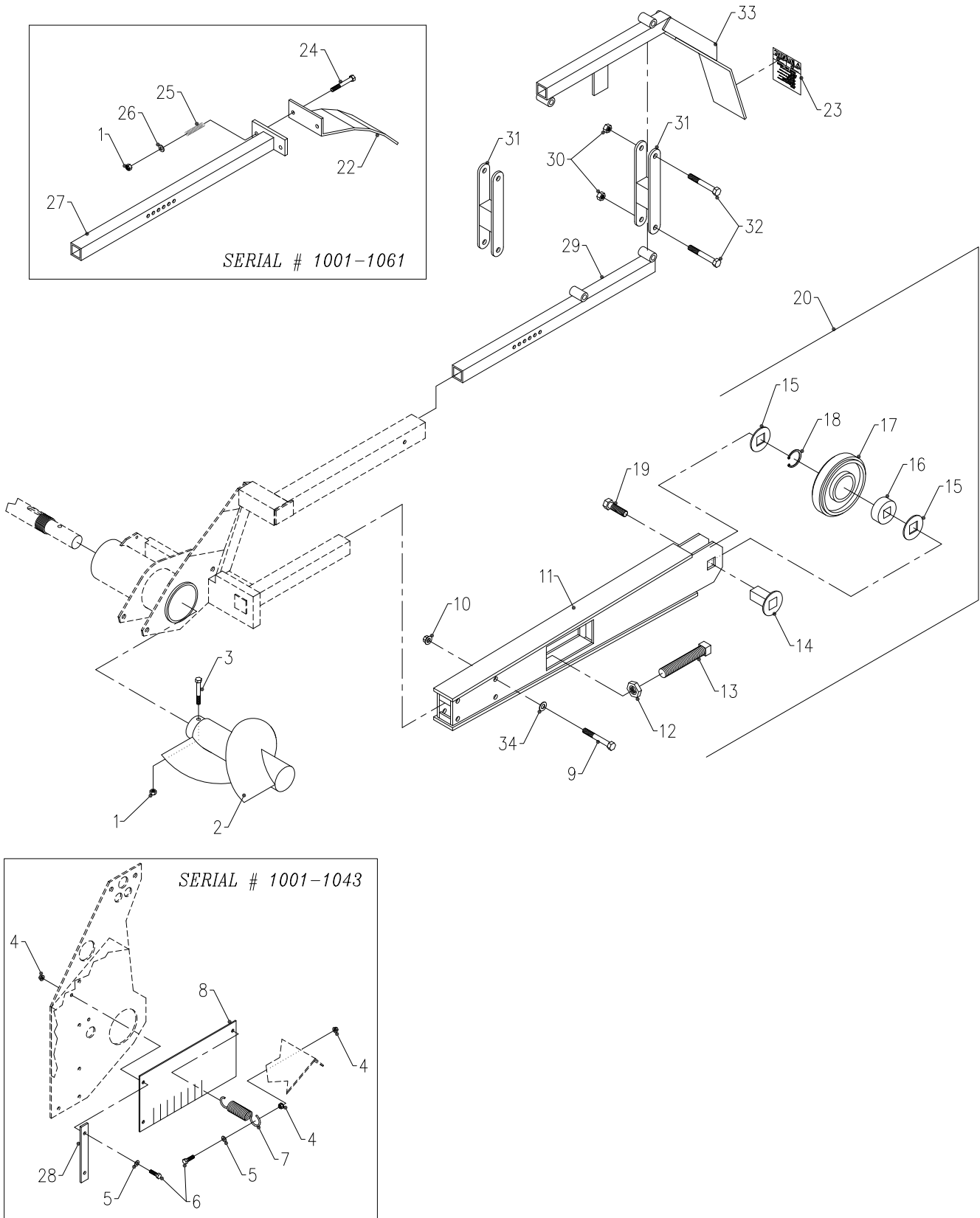
Trencher Drivetrain

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0065	NUT, JAM 1 3/4 SAE ZP	2
2	83.H8028	SPROCKET, #80 28-T 1-3/4 BORE	1
3	55.0050	BEARING, 1 3/4 ID X 3.347 OD	2
4	85.K0610	KEY, 3/8 X 1 1/4	1
5	80.0323	SHAFT, MAIN POWER KY400	1
6	85.K0810	KEY, 1/2 X 1 1/4	1
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7	92.08	NUT, 1/2-13 USS	1
8	90.0832-2	BOLT, 1/2-13 USS X 4 ALL THRD	1
9	90.0808	BOLT, 1/2-13 USS X 1	4
10	95.08	WASHER, FLAT 1/2 SAE	4
11	29.0090	PIPE, BREATHER PLUG 1/8	1
12	29.S9002G	PIPE, STREET 90 ELBOW 1/8 GALV	1
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13	85.K0410	KEY, 1/4 X 1 1/4	1
14	83.H800920	SPROCKET,#80 9-T HRD 1-1/4 BOR	1
15	81.0140	CHAIN, ROLLER #80 X 33.875"	1
16	81.0059	LINK, CONN #80	1
17	83.H20	BUSHING, 1 1/4" H	1
18	83.BK80H	PULLEY, 8" H-BUSH	1
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19	87.0197	GEARBOX, SUPERIOR KY400	1
20	81.B053	BELT, B53	1
21	64.0993	TUBE, BEARING SPACER	1
22	99.B0019	WASHER, MACH 1 3/4 10 GA	3*
22	99.B0039	WASHER, MACH 1 3/4 X 18GA	2*
23	83.0044	SPROCKET, DRIVE 1.654 PITCH (Serial # 1001-1042)	1
23	83.0049	SPROCKET, DRIVE 1.654 PITCH N* (Serial # 1043-)	1
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24	60.0881	SHIELD, BEARING	1
25	85.K030410	KEY, 3/16 X 1/4 X 1-1/4	1
26	85.SS15	SET SCREW, 5/16-18 X 5/16	2
40	55.0078	BEARING, CUP 2.717	4
41	55.0077	BEARING, CONE 1.375	4
42	04.0027	RETAINING RING, EXT 1.375 SHFT.	1
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43	89.0082	SEAL, 1.375-2.00-313	2
44	89.0083	SEAL, END CAP 2.00-312	1
45	29.B0208G	PIPE, BUSHING 1/8 X 1/2 GALV	1

*as required

PARTS

ILLUSTRATED DRAWING Trencher Boom (Serial # 1001-1224)



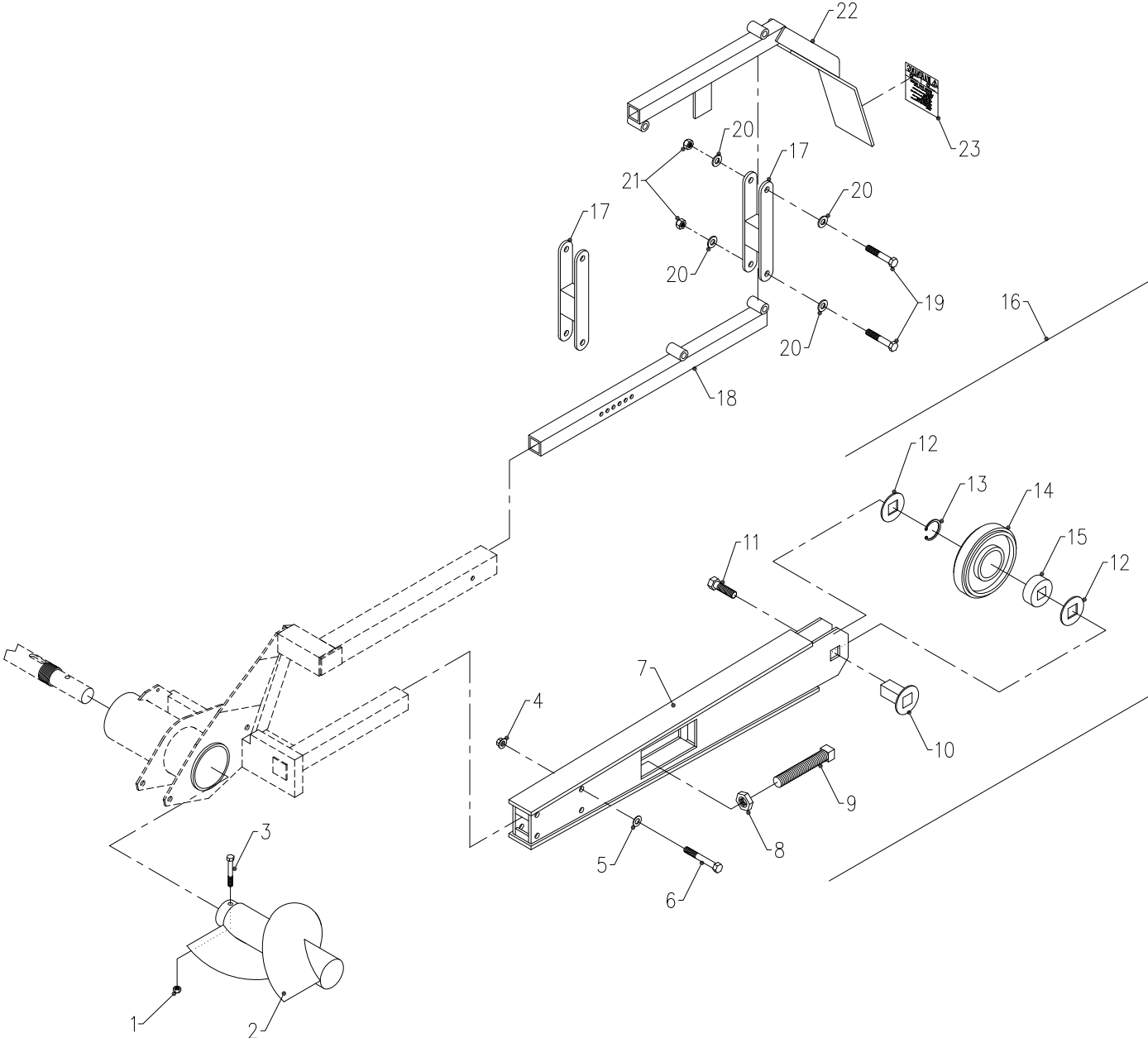
PARTS

Trencher Boom (Serial # 1001-1224)

REF.	PART NO.	DESCRIPTION	QTY.
1	99.A06	LOCKNUT, STOVER 3/8-16 USS	3
2	80.0322	AUGER, DIRT DISCHARGE	1
3	90.0624	BOLT, 3/8-16 USS X 3	1
4	99.SF05	NUT, SRF 5/16-18 USS	4
5	94.05	WASHER, FLAT 5/16 USS	1
6	90.0508	BOLT, 5/16-18 USS X 1	3
7	41.0071	SPRING, EXT 3/4 X 4-1/2 OALG (Serial # 1001-1042)	1
8	44.0199	FLAP, SPRING LOADED KY (Serial # 1001-1042)	1
9	99.K0093	BOLT, 1/2-13 X 3-1/2 GRD. 8	4
10	99.E0068	NUT, FLANGE 1/2-13 GRD. 8	4
11	87.0198-1	BOOM, ROLLER 36" KY	1
12	99.E0066	NUT, JAM 1 USS	1
13	99.K0092	BOLT, 1"-8 X 6" SQ HEAD	1
14	80.0325	SHAFT, SQ. IDLER	1
15	85.B0076	BUSHING, 2 1/2 OD X 1/8 THK	2
16	55.0051	BEARING, 1-1/8" SQ ID	1
17	50.0169	ROLLER, END 6-3/4 OD BALLANTIN	1
18	04.0022	SNAP RING, EXT BALLANTINE	1
19	99.K0091	BOLT, 3/4-10 X 1-1/2 GRD. 8	1
20	87.0198	BOOM, ROLLER ASM 36" KY	1
22	60.0836	FINGER, DRIBBLE (Serial # 1001-1061)	1
23	00.0101	DECAL, HAZARD-MOVING PART	1
24	90.0628	BOLT, 3/8-16 USS X 3 1/2	2
25	41.0072	SPRING, COMP. 3/4 X 2 1/2" LG	2
26	95.06	WASHER, FLAT 3/8 SAE	2
27	62.0929	ARM, DRIBBLE KY (Serial # 1001-1061)	1
28	64.0992	CLAMP, BELTING 7" LONG (Serial # 1001-1042)	1
29	62.1013	ARM, CRUMB CLEANER (Serial # 1062-)	1
30	92.08	NUT, 1/2-13 USS	4
31	42.0468	LINK, PIVOT CRUMB CLEANER (Serial # 1062-)	2
32	90.0826	BOLT, 1/2-13 USS X 3 1/4	4
33	60.0886	SHOE, CRUMB CLEANER (Serial # 1062-)	1
34	94.08	WASHER, FLAT 1/2 USS	4

PARTS

ILLUSTRATED DRAWING Trencher Boom (Serial # 1225-)



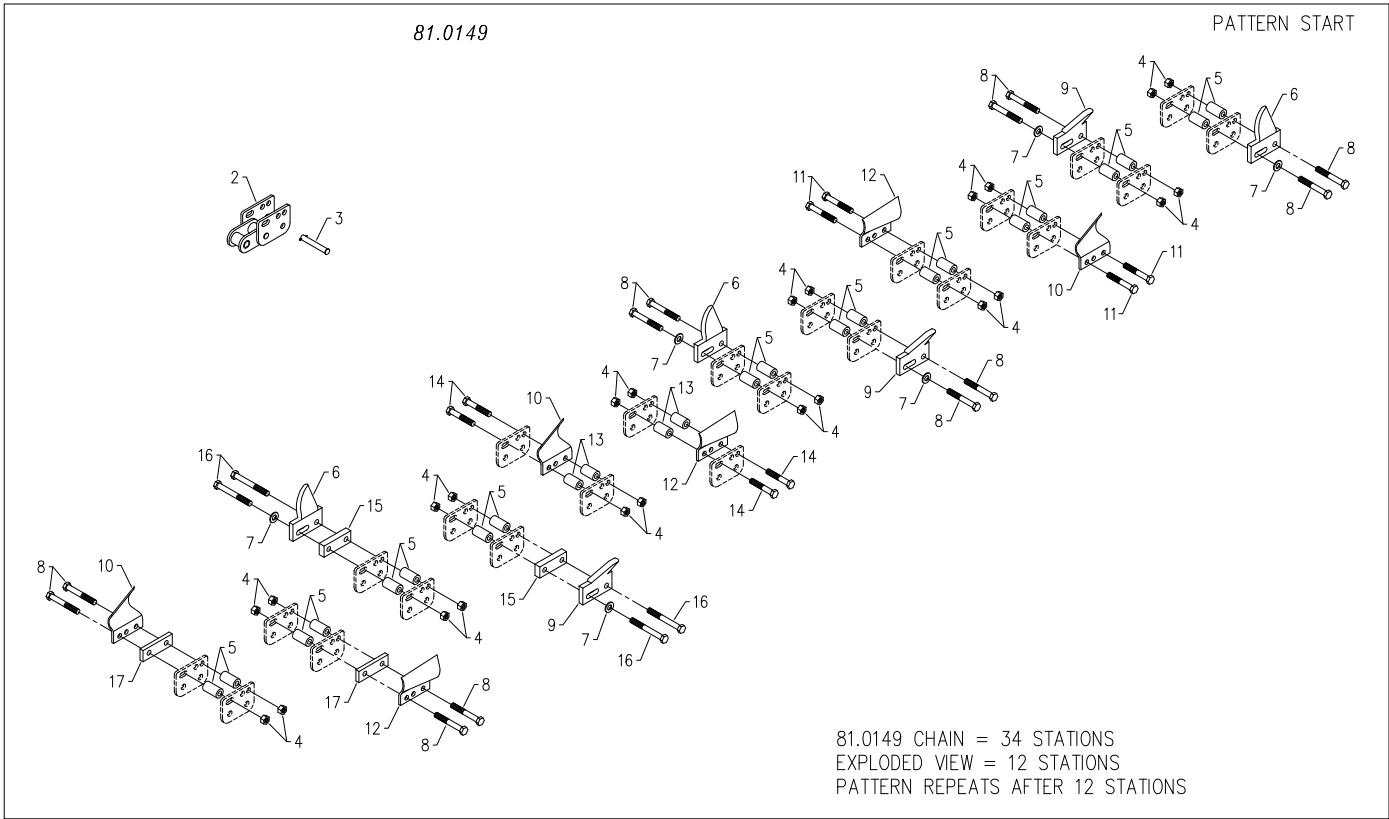
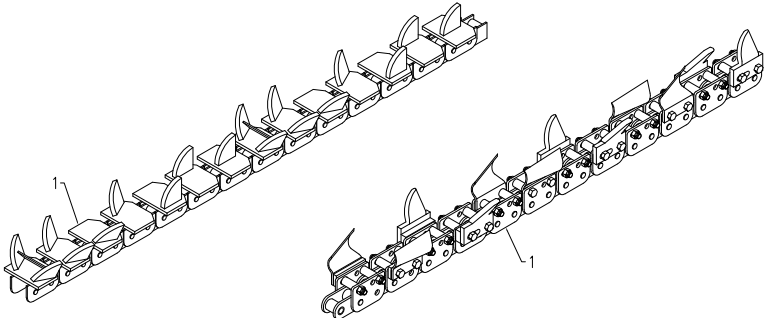
PARTS

Trencher Boom (Serial # 1225-)

REF.	PART NO.	DESCRIPTION	QTY.
1	99.A06	.LOCKNUT, STOVER 3/8-16 USS	3
2	80.0322	.AUGER, DIRT DISCHARGE	1
3	90.0624	.BOLT, 3/8-16 USS X 3	1
4	99.E0068	.NUT, FLANGE 1/2-13 GRD. 8	4
5	94.08	.WASHER, FLAT 1/2 USS	4
6	99.K0093	.BOLT, 1/2-13 X 3-1/2 GRD. 8	4
7	87.0198-1	.BOOM, ROLLER 36" KY	1
8	99.E0066	.NUT, JAM 1 USS	1
9	99.K0092	.BOLT, 1"-8 X 6" SQ HEAD	1
10	80.0325	.SHAFT, SQ. IDLER	1
11	99.K0091	.BOLT, 3/4-10 X 1-1/2 GRD. 8	1
12	85.B0076	.BUSHING, 2 1/2 OD X 1/8 THK	2
13	04.0022	.SNAP RING, EXT BALLANTINE	1
14	50.0169	.ROLLER, END 6-3/4 OD BALLANTIN	1
15	55.0051	.BEARING, 1-1/8" SQ ID	1
16	87.0198	.BOOM, ROLLER ASM 36" KY	1
17	42.0519	.LINK, PIVOT CRUMB CLEANER	2
18	62.1013	.ARM, CRUMB CLEANER	1
19	90.0824	.BOLT, 1/2-13 USS X 3	4
20	95.08	.WASHER, FLAT 1/2 SAE	8
21	99.A08	.LOCKNUT, STOVER 1/2-13 USS	4
22	60.0886	.SHOE, CRUMB CLEANER	1
23	00.0101	.DECAL, HAZARD-MOVING PART (Serial # 1225-2093)	1
23	00.0704	.DECAL, TRENCHER HAZARD (Serial # 2094 -)	1

PARTS

ILLUSTRATED DRAWING Trencher Chain



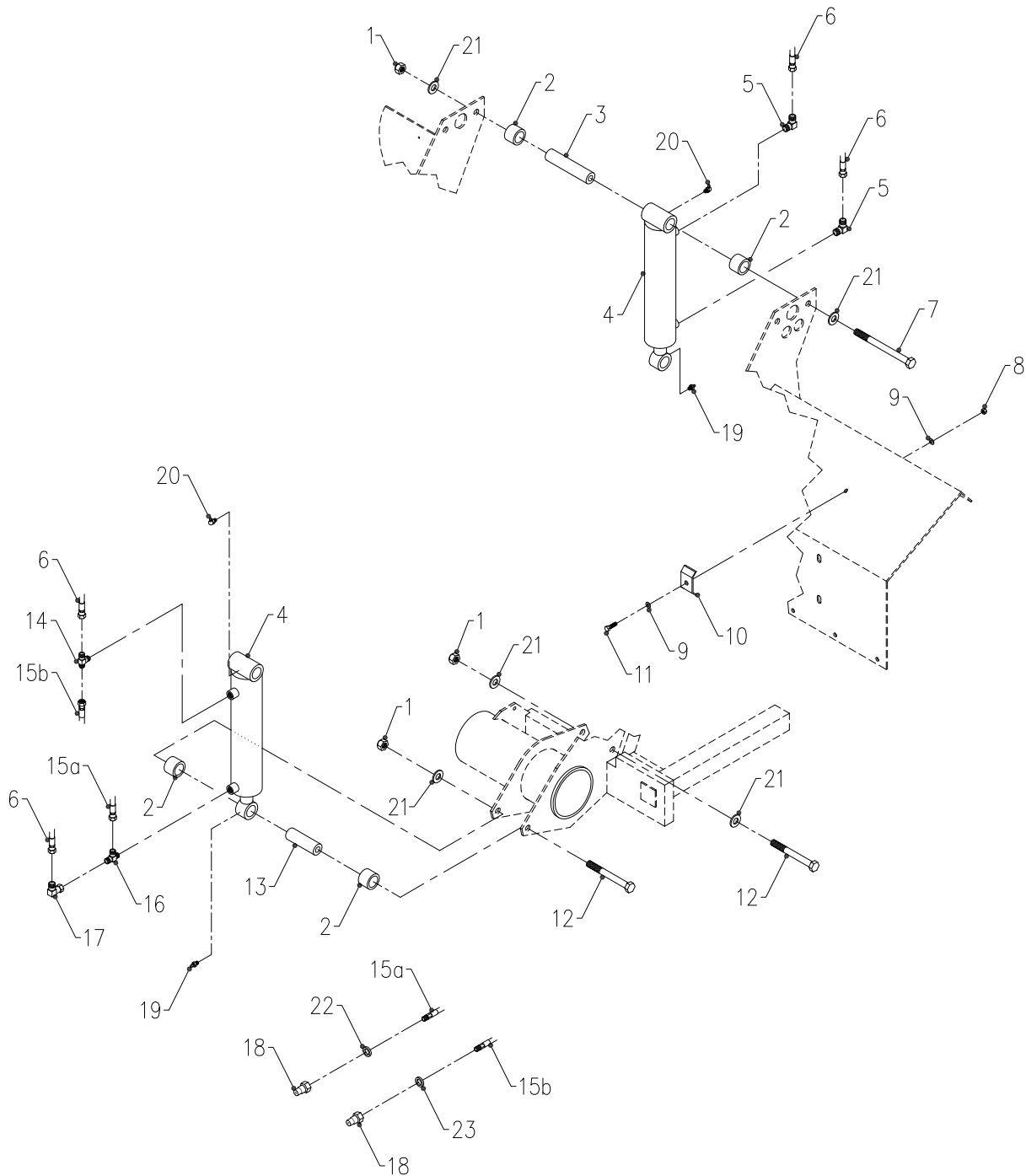
PARTS

Trencher Chain

REF.	PART NO.	DESCRIPTION	QTY.
1	81.0141	.CHAIN, ASM 5-1/2 X 36" LG (Serial # 1001-1042)	1
1	81.0149	.CHAIN, ASM 5.5" X 34 STATIONS (Serial # 1043-)	1
2	81.0152	.CHAIN, LINK REPAIR KIT	-
3	81.0151	.CHAIN, PIN & KEEPER CONNECTOR	-
4	99.A06NFC-8	.LOCKNUT, 3/8-24 GRADE 8 CENTER	68
5	81.0149-1	.SPACER, TUBE 1-3/8" LONG	56
6	79.0077	.TOOTH, SHARK - LEFT HAND	9
7	95.06	.WASHER, FLAT 3/8 SAE	18
8	91.0622-8	.BOLT, 3/8-24 X 2-3/4 GRADE 8	32
9	79.0076	.TOOTH, SHARK - RIGHT HAND	9
10	79.0075	.TOOTH, CUP - LEFT HAND	8
11	91.0620-8	.BOLT, 3/8-24 X 2-1/2 GRADE 8	12
12	79.0074	.TOOTH, CUP - RIGHT HAND	8
13	81.0149-2	.SPACER, TUBE 1-1/4" LONG	12
14	91.0618-8	.BOLT, 3/8-24 X 2-1/4 GRADE 8	12
15	81.0149-3	.SPACER, FLAT 1/2" THICK	6
16	91.0626-8	.BOLT, 3/8-24 X 3-1/4 GRADE 8	12
17	81.0149-4	.SPACER, FLAT 5/16" THICK	6

PARTS

ILLUSTRATED DRAWING Hydraulic Boom Lift



PARTS

Hydraulic Boom Lift

REF.	PART NO.	DESCRIPTION	QTY.
1	99.A08	.LOCKNUT, STOVER 1/2-13 USS	4
2	64.0996	.PIPE, 1" SCH 40 X 1"L	8
3	64.0995	.BUSHING, 1/2 X 1 X 4-5/8	2
4	23.0103	.CYLINDER, 2 X 8 -1" ROD (Serial # 1001-1042)	2
4	23.0128	.CYLINDER, 2" X 8" LIFT (Serial # 1043-)	2
5	25.2501-06-04	.FITTING, 90 ME 3/8 X 1/4 (Serial # 1001-1042)	2
5	25.6801-06-06	.FITTING, 90 ME 3/8 X 3/8 (Serial # 1043-)	2
6	20.0162	.HOSE, 1/4X24.00 SAE 100R17AR	2
7	90.0848	.BOLT, 1/2-13 USS X 6	2
8	99.A04	.LOCKNUT, STOVER 1/4-20 USS	1
9	95.04	.WASHER, FLAT 1/4 SAE	2
10	64.0673	.CLAMP, HYDRAULIC HOSE	1
11	90.0408	.BOLT, 1/4-20 USS X 1	1
12	90.0836	.BOLT, 1/2-13 USS X 4 1/2	2
13	64.0994	.BUSHING, 1/2 X 1 X 3-1/8	2
14	25.2601-6-6-4	.FITTING, M TEE 3/8 X 3/8 X 1/4 (Serial # 1001-1042)	1
14	25.6803-6-6-6	.FITTING, M TEE 3/8 X 3/8 X 3/8 (Serial # 1043-)	1
15	20.0140	.HOSE, 1/4X53.00 SAE 100R17 AR	2
16	25.2605-6-4-6	.FITTING, M TEE 3/8 X 1/4 X 3/8 (Serial # 1001-1042)	1
16	25.6804-6-6-6	.FITTING, M TEE 3/8 X 3/8 X 3/8 (Serial # 1043-)	1
17	25.6500-06-06	.FITTING, 90 MFE 3/8 X 3/8	1
18	23.0104	.COUPLER, QUICK MALE 1/4	2
19	29.GF0001	.GREASE FTG, 1/4 SAE ST	2
20	29.GF0002	.GREASE FTG, 1/4 SAE 90	2
21	95.08	.WASHER, FLAT 1/2 SAE	7
22	05.0117	.WASHER, .544ID X .817 X.14 YEL	1
23	05.0116	.WASHER, .544ID X .817 X.14 RED	1