

KL480

Tiller





500 Venture Drive
Orrville Oh 44667
www.ventrac.com

Serial Number Description



Serial Plate Location



Notes

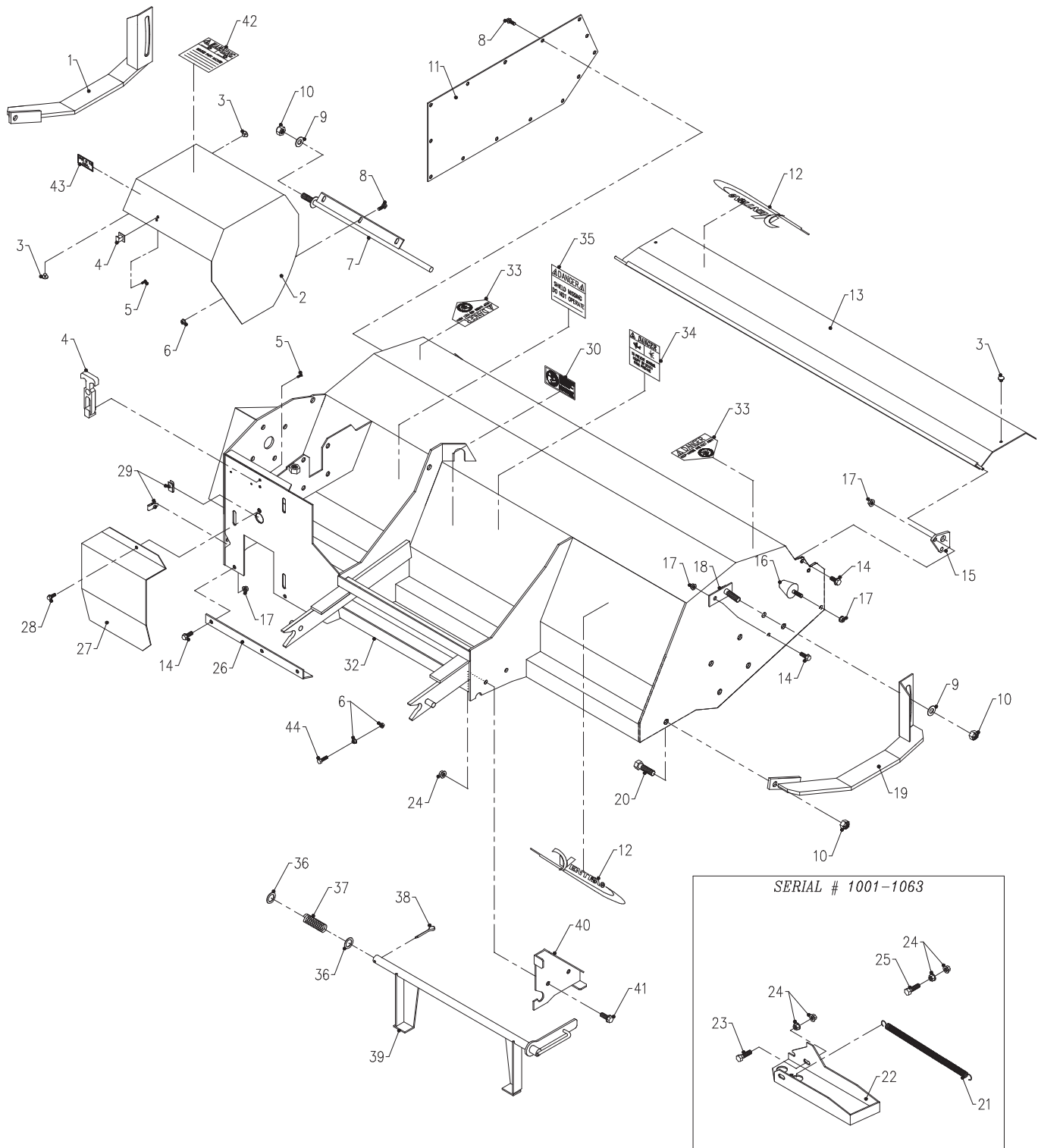
- If any component requires replacement, use only original Ventrac replacement parts.
- When ordering new components, be sure to order all required safety decals. All current safety decals must be affixed to the replacement components prior to installation of the component.

TABLE OF CONTENTS

PARTS	PAGE 4
Main Frame & Shields (Serial # 1001-1186)	4
Main Frame & Shields (Serial # 1187-)	6
Gearbox & Belt Drive	8
Rotor & Chain Drive	10

PARTS

ILLUSTRATED DRAWING Main Frame & Shields (Serial # 1001-1186)



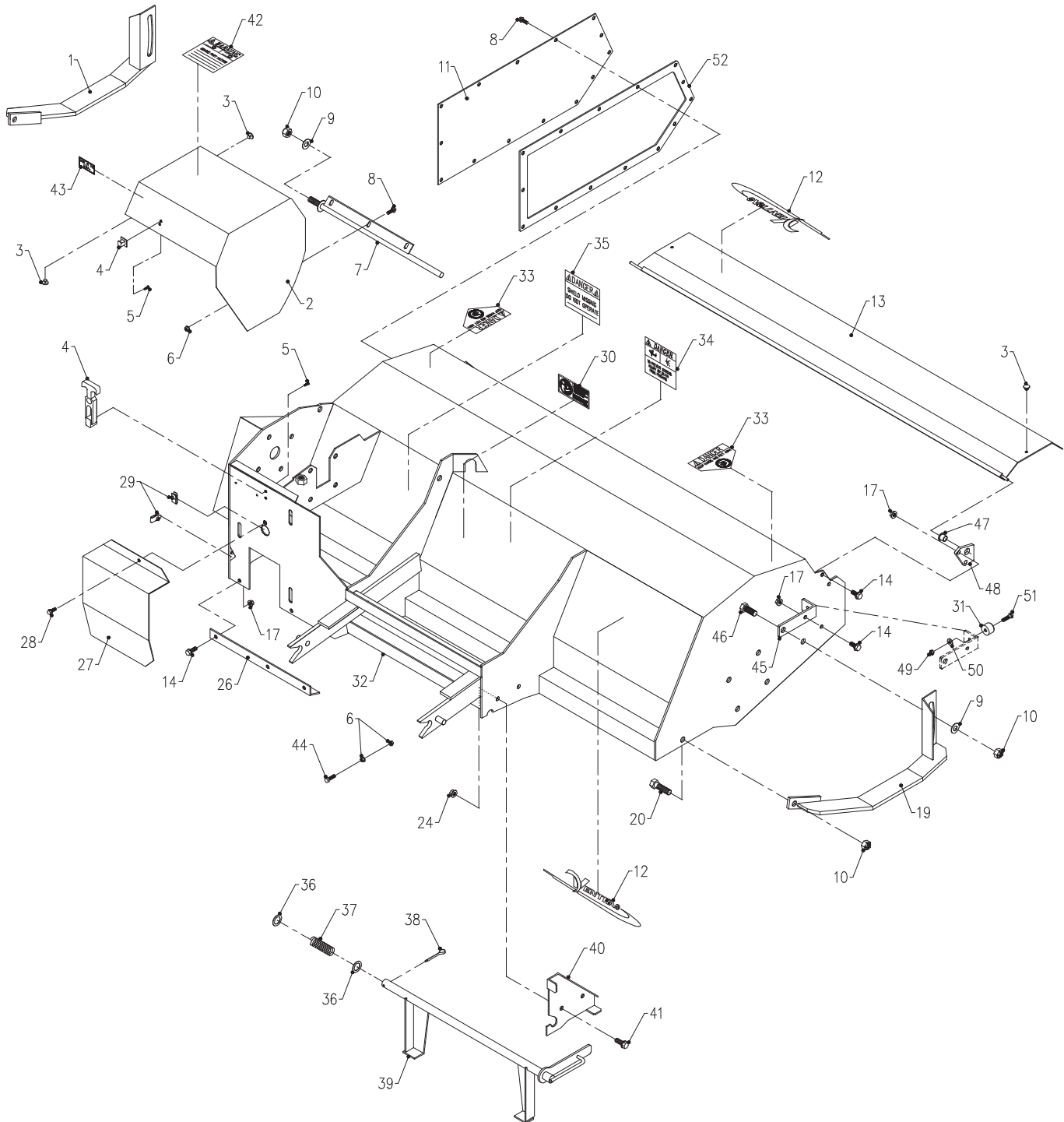
PARTS

Main Frame & Shields (Serial # 1001-1186)

REF.	PART NO.	DESCRIPTION	QTY.
1	62.0896	.SHOE, SKID LEFT KL480	1
2	60.0786	.COVER, BELTS & GEARBOX KL480	1
3	05.0062	.BUMPER, RUBBER SOLID STEM	6
4	47.0127	.LATCH, RUBBER DRAW T-HANDLE	1
5	99.K0072	.MACHINE SCREW, 10-24 X 1/2 ZP.	3
6	99.SF04	.NUT, SF 1/4-20 USS	5
7	42.0434	.SHAFT, PIVOT - COVER KL480	1
8	99.SF0404-1	.BOLT, SF 1/4-20 X 1/2 W/RUBBER	17
9	95.08	.WASHER, FLAT 1/2 SAE	3
10	99.A08	.LOCKNUT, STOVER 1/2-13 USS	5
11	60.0787	.COVER, CHAIN KL480	1
12	00.0189	.DECAL, VENTRAC ORBITAL	2
13	60.0785	.FLAP, DIRT KL480	1
14	99.SF0506	.BOLT, SF 5/16-18 USS X 3/4	9
15	64.0907	.BRACKET, DIRT FLAP MOUNT KL480	4
16	05.0061	.BUMPER, RUBBER CONICAL	2
17	99.SF05	.NUT, SF 5/16-18 USS	11
18	64.0911	.BRACKET, SHOE ANCHOR KL480	2
19	62.0895	.SHOE, SKID RIGHT KL480	1
20	90.0808	.BOLT, 1/2-13 USS X 1	2
21	41.0045	.SPRING, 3/4 X 12 EXT .092-WIRE (Serial # 1001-1063)	1
22	60.0789	.LEG, PARK KL480 (Serial # 1001-1063)	1
23	90.0612	.BOLT, 3/8-16 USS X 1 1/2	3
24	99.SF06	.NUT, SF 3/8-16 USS	8
25	90.0616	.BOLT, 3/8-16 USS X 2	1
26	64.0906	.STIFFENER, HOUSING KL480	1
27	60.0788	.COVER, BELT KL480	1
28	99.SF0405-1	.BOLT, SF 1/4-20 X 5/8 W/RUBBER	2
29	99.E0046	.NUT, "U" 1/4-20 EXTRUDED	2
30	00.0217	.DECAL, WARNING READ OWNERS MAN	1
32	62.0893	.FRAME, MAIN KL480	1
33	00.0123	.DECAL, KEEP HAND AND FEET AWAY	2
34	00.0102	.DECAL, DANGER-PINCHING HAZARD	1
35	00.0062	.DECAL, DANGER SHIELD MISSING	1
36	95.12	.WASHER, FLAT 3/4 SAE	2
37	41.0073	.SPRING, COMP 13/16 ID X 2-1/2L (Serial # 1064 -)	1
38	02.CP0508	.COTTER PIN, 5/32 X 1	1
39	62.1003	.STAND, JACK KL480 (SERIAL # 1064 -)	1
40	60.0880	.PLATE, JACK STAND MOUNTING (Serial # 1064 -)	1
41	99.SF0606	.BOLT, SF 3/8-16 USS X 3/4	2
42	00.0101	.DECAL, HAZARD-MOVING PART	1
43	00.0770	.DECAL, MADE IN USA	1
44	90.0414	.BOLT, 1/4-20 USS X 1 3/4	1

PARTS

ILLUSTRATED DRAWING Main Frame & Shields (Serial # 1187-)



PARTS

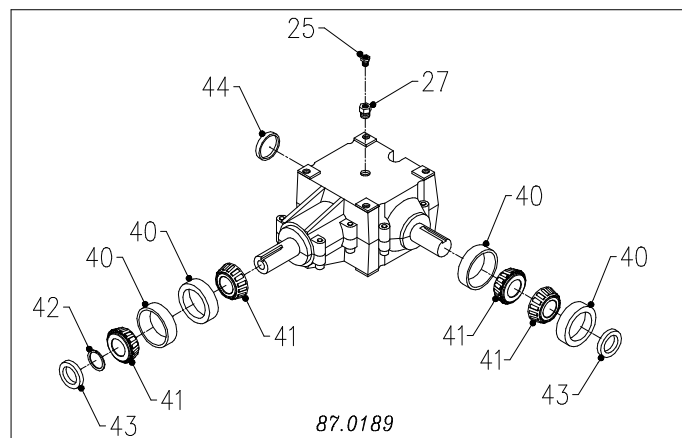
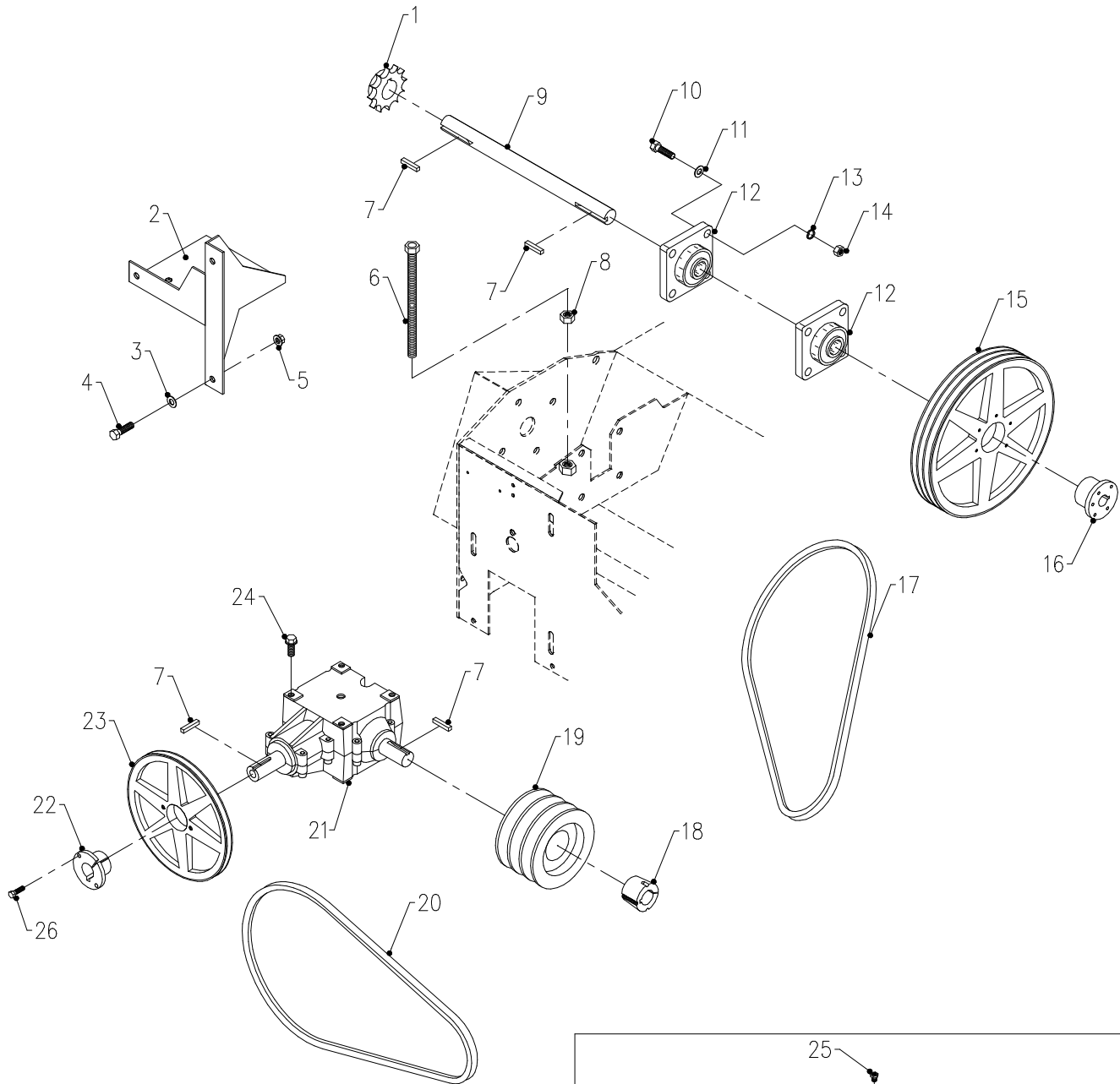
Main Frame & Shields (Serial # 1187-)

REF.	PART NO.	DESCRIPTION	QTY.
1	62.0896	.SHOE, SKID LEFT KL480	1
2	60.0786	.COVER, BELTS & GEARBOX KL480	1
3	05.0062	.BUMPER, RUBBER SOLID STEM	6
4	47.0127	.LATCH, RUBBER DRAW T-HANDLE	1
5	99.K0072	.MACHINE SCREW, 10-24 X 1/2 ZP.	3
6	99.SF04	.NUT, SF 1/4-20 USS	5
7	42.0434	.SHAFT, PIVOT - COVER KL480	1
8	99.SF0404-1	.BOLT, SF 1/4-20 X 1/2 W/RUBBER	17
9	95.08	.WASHER, FLAT 1/2 SAE	3
10	99.A08	.LOCKNUT, STOVER 1/2-13 USS	5
11	60.0787	.COVER, CHAIN KL480	1
12	00.0189	.DECAL, VENTRAC ORBITAL (Serial # 1001-2300)	2
12	00.0383	.DECAL, VENTRAC (Serial # 2301-)	2
13	60.0785	.FLAP, DIRT KL480	1
14	99.SF0506	.BOLT, SF 5/16-18 USS X 3/4	10
17	99.SF05	.NUT, SF 5/16-18 USS	9
19	62.0895	.SHOE, SKID RIGHT KL480	1
20	90.0808	.BOLT, 1/2-13 USS X 1	2
24	99.SF06	.NUT, SF 3/8-16 USS	1
26	64.0906	.STIFFENER, HOUSING KL480	1
27	60.0788	.COVER, BELT KL480	1
28	99.SF0405-1	.BOLT, SF 1/4-20 X 5/8 W/RUBBER	2
29	99.E0046	.NUT, "U" 1/4-20 EXTRUDED	2
30	00.0217	.DECAL, WARNING READ OWNERS MAN (Serial # 1001-1928)	1
30	00.0619	.DECAL, READ OPERATOR'S MANUAL (Serial # 1929-)	1
31	05.0095	.BUMPER, RUBBER CYLINDRICAL (Serial # 1187-)	2
32	62.0893	.FRAME, MAIN KL480	1
33	00.0123	.DECAL, KEEP HAND AND FEET AWAY (Serial # 1001-1928)	2
33	00.0703	.DECAL, CUTTING/DISMEMBERMENT HAZARD (Serial # 1929-)	2
34	00.0102	.DECAL, DANGER-PINCHING HAZARD (Serial # 1001-1928)	1
34	00.0620	.DECAL, PINCHING OR CRUSHING HAZARD (Serial # 1929-)	1
35	00.0062	.DECAL, DANGER SHIELD MISSING (Serial # 1001-1928)	1
35	00.0625	.DECAL, SHIELD MISSING (Serial # 1929-)	1
36	95.12	.WASHER, FLAT 3/4 SAE	2
37	41.0073	.SPRING, COMP 13/16 ID X 2-1/2L	1
38	02.CP0508	.COTTER PIN, 5/32 X 1	1
39	62.1003	.STAND, JACK KL480	1
40	60.0880	.PLATE, JACK STAND MOUNTING	1
41	99.SF0606	.BOLT, SF 3/8-16 USS X 3/4	2
42	00.0101	.DECAL, HAZARD-MOVING PART (Serial # 1001-1928)	1
42	00.0626	.DECAL, ENTANGLEMENT HAZARD (Serial # 1929-)	1
43	00.0770	.DECAL, MADE IN USA	1
44	90.0414	.BOLT, 1/4-20 USS X 1 3/4	1
45	64.1372	.BRACKET, BUMPER (SERIAL # 1187-)	2
46	90.0810	.BOLT, 1/2-13 USS X 1 1/4	2
47	85.B0027	.BUSHING, 1/2 ID X 5/8 OD X 5/8 (Serial # 1187-2372)	2
47	85.B0119	.BUSHING (METRIC), 13 X 15 X 14 (Serial # 2373-)	2
48	64.1373	.MOUNT, DIRT FLAP (Serial # 1187-) (If replacing Ref 48, order Ref 47 #85.B0119 as well)	2
49	99.A04	.LOCKNUT, STOVER 1/4-20 USS	2
50	95.04	.WASHER, FLAT 1/4 SAE	2
51	90.0408	.BOLT, 1/4-20 USS X 1	2
52	44.0268	.GASKET, OIL SEAL (Serial # 1234-)	1

PARTS

ILLUSTRATED DRAWING

Gearbox & Belt Drive



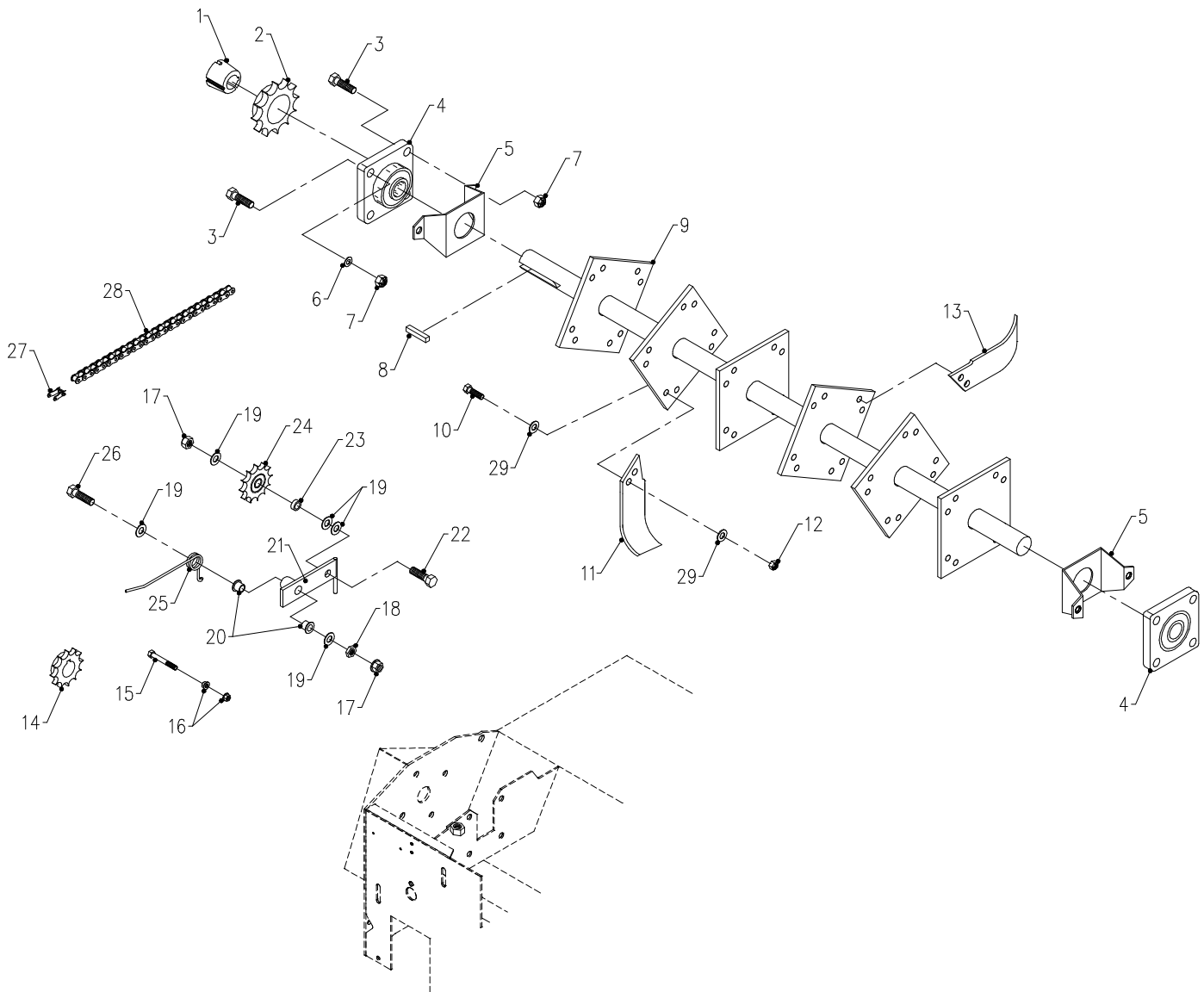
PARTS

Gearbox & Belt Drive

REF.	PART NO.	DESCRIPTION	QTY.
1	83.H800920	.SPROCKET,#80 9-T HRD 1-1/4 BOR	1
2	62.0894	.PLATE, GEARBOX MOUNT KL480	1
3	95.06	.WASHER, FLAT 3/8 SAE	3
4	90.0606	.BOLT, 3/8-16 USS X 3/4	3
5	99.SF06	.NUT, SF 3/8-16 USS	3
6	90.0864-4	.BOLT, 1/2-13 X 8 304SS	1
7	85.K0410	.KEY, 1/4 X 1 1/4	4
8	92.08	.NUT, 1/2-13 USS	1
9	80.0311	.SHAFT, JACK KL480	1
10	90.0712	.BOLT, 7/16-14 USS X 1 1/2	8
11	95.07	.WASHER, FLAT 7/16 SAE	8
12	55.FB22020S	.BEARING, FLANGE 1-1/4S	2
13	96.07	.WASHER, LOCK 7/16	8
14	92.07	.NUT, 7/16-14 USS	8
15	83.3TB94	.PULLEY, 3-GROOVE X 9.4" DIA	1
16	83.Q120	.BUSHING, 1 1/4" Q1	1
17	81.BX035	.BELT, BX35	1
18	83.121016	.BUSHING, 1210 X 1" TAPERD LOCK	1
19	83.3TB36TB	.PULLEY, 3B 3.6" TB-BUSHING	1
20	81.B066	.BELT, B66	1
21	87.0189	.GEARBOX, 1" SHAFT 2:1 CW/CCW (SERIAL # 1001-1168)	1
21	87.0219	.GEARBOX, CW/CCW 1" SHAFT 2:1 (SERIAL # 1169-1228)	1
21	87.0189	.GEARBOX, 1" SHAFT 2:1 CW/CCW (SERIAL # 1229-)	1
22	83.H16S	.BUSHING, 1" SPLIT 1/4" KEY	1
23	83.BK80H	.PULLEY, 8" H-BUSH	1
24	99.SF0608	.BOLT, SF 3/8-16 USS X 1	4
25	29.0090	.PIPE, BREATHER PLUG 1/8	1
26	90.0406	.BOLT, 1/4-20 USS X 3/4	2
27	29.B0204G	.PIPE, BUSHING 1/8 X 1/4 GALV	1
40	55.0076	.BEARING, CUP 1.980	4
41	55.0075	.BEARING, CONE 1.000	4
42	04.0026	.RETAINING RING, EXT 1.000 SHFT	1
43	89.0075	.SEAL, OIL	2
44	89.0081	.SEAL, END CAP 1.50-25	1

PARTS

ILLUSTRATED DRAWING Rotor & Chain Drive



PARTS

Rotor & Chain Drive

REF.	PART NO.	DESCRIPTION	QTY.
1	83.161524	BUSHING, 1615 X 1-1/2 TAPERLOC.	1
2	83.H80TB15	SPROCKET, #80 15-T HRD	1
3	90.0812	BOLT, 1/2-13 USS X 1 1/2.	8
4	55.FB22024	BEARING, FLANGE BLOCK 1 1/2.	2
5	64.0908	PROTECTOR, 1-1/2 BEARING KL	2
6	95.08	WASHER, FLAT 1/2 SAE	4
7	99.A08	LOCKNUT, STOVER 1/2-13 USS	8
8	85.K0610	KEY, 3/8 X 1 1/4.	1
9	80.0310	SHAFT, MAIN ROTOR KL480	1
10	91.0712-8	BOLT, 7/16-20 SAE X 1-1/2 GRD8	48
11	79.0049-L	TINE, TILLER L.H.	12
12	99.A07NFN-8	LOCKNUT, NYLON 7/16-20 SAE, GR8	48
13	79.0049-R	TINE, TILLER R. H.	12
14	83.H800920	SPROCKET,#80 9-T HRD 1-1/4 BOR	1
15	90.0514	BOLT, 5/16-18 USS X 1 3/4.	1
16	99.SF05	NUT, SF 5/16-18 USS	2
17	99.SF08	NUT, SF 1/2-13 USS	2
18	99.E0058	NUT, JAM 1/2-13 USS	1
19	95.08	WASHER, FLAT 1/2 SAE	5
20	85.B0027	BUSHING, 1/2 ID X 5/8 OD X 5/8.	2
21	40.0290	IDLER ARM, CHAIN KL480	1
22	90.0814	BOLT, 1/2-13 USS X 1 3/4.	1
23	85.B0015	BUSHING, 1/2 ID X 3/4 OD X 1/2.	1
24	83.8011012	SPROCKET, IDLER #80 11-T.	1
25	41.0066	SPRING, SINGLE TORSION LH	1
26	90.0824	BOLT, 1/2-13 USS X 3.	1
27	81.0059	LINK, CONN #80.	1
28	81.0138	CHAIN, ROLLER #80 X 44" KL480	1
29	95.07	WASHER, FLAT 7/16 SAE	96