

Parts Manual

EA600

Aera-Vator



Revised 10/07/24
09.20027 Rev. 03



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.

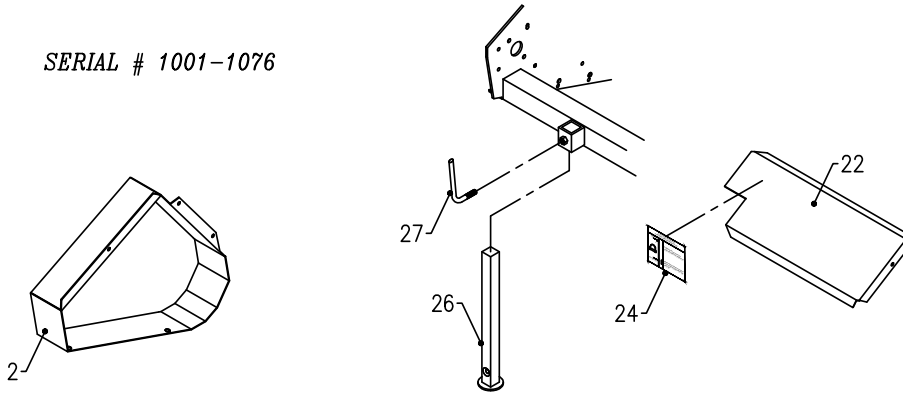
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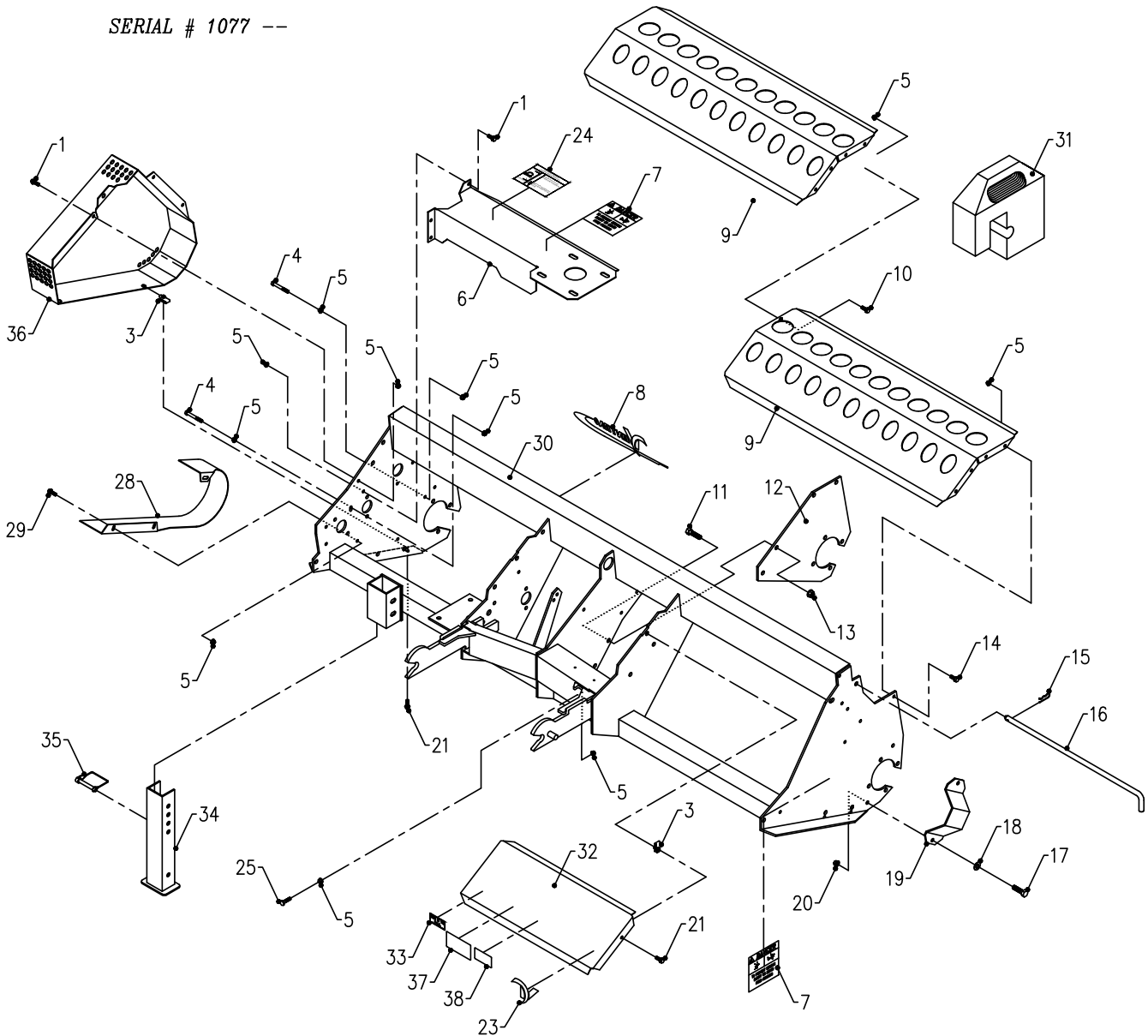
PARTS

ILLUSTRATED DRAWING Main Frame & Shields

SERIAL # 1001-1076



SERIAL # 1077 --



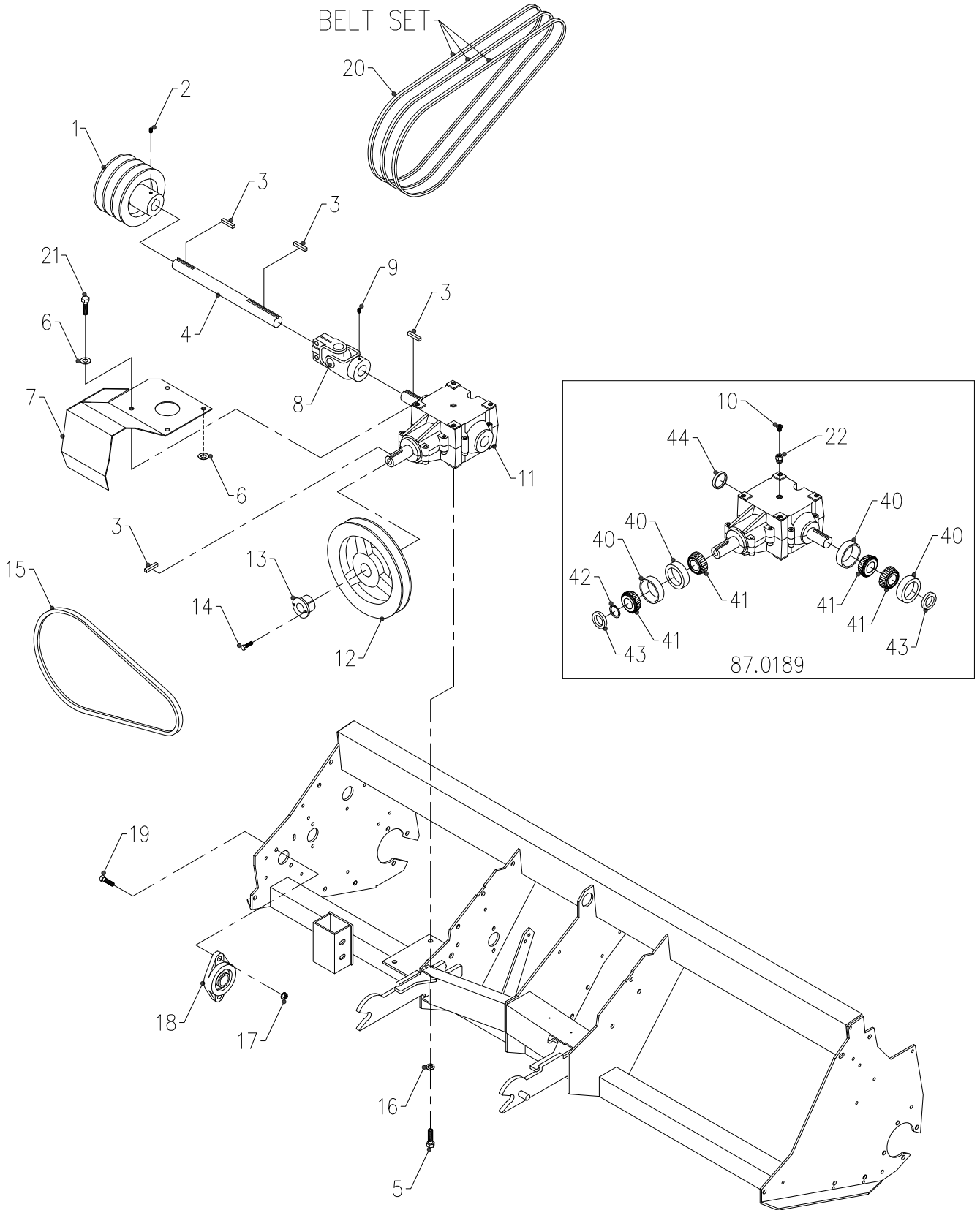
PARTS

Main Frame & Shields

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF0404-1	.BOLT, SMF 1/4-20 X 1/2	6
2	60.0853	.SHIELD, 3-BELT END EA	1
3	99.E0046	.NUT,"U" 1/4-20 EXTRUDED	4
4	90.0428	.BOLT, 1/4-20 USSX31/2	2
5	99.SF04	.NUT, SRF 1/4-20 USS	24
6	60.0851	.SHIELD, SHAFT	1
7	00.0102	.DECAL, DANGER-PINCHING HAZARD (Serial # 1001-3376)	2
7	00.0624	.DECAL, CUTTING HAZARD HANDS AND FEET (Serial # 3377-)	2
8	00.0189	.DECAL, VENTRAC ORBITAL (Serial # 1001-4312)	1
8	00.0383	.DECAL, VENTRAC (Serial # 4313-)	1
9	60.0850	.SHIELD, ROTOR	2
10	99.SF0406-1	.BOLT, SMF 1/4-20 X 3/4	3
11	90.0606	.BOLT, 3/8-16 USS X 3/4	4
12	64.1051	.MOUNT, BEARING CENTER	1
13	99.SF06	.NUT, SRF 3/8-16 USS	4
14	99.SF0405-1	.BOLT, SMF 1/4-20 X 5/8	6
15	02.HP0416	.HAIRPIN, 1/8 X 2	2
16	42.0457	.ROD, WEIGHT RETAINER	2
17	90.0506	.BOLT, 5/16-18 USS X 3/4	2
18	95.05	.WASHER, FLAT 5/16 SAE	2
19	60.0855	.SHIELD, ROTOR END RIGHT SIDE	1
20	99.SF05	.NUT, SRF 5/16-18 USS	2
21	99.SF0406-1	.BOLT, SMF 1/4-20 X 3/4	4
22	60.0854	.COVER, MID EA	1
23	00.0192	.DECAL, V-DECAL DIE CUT BLUE	1
24	00.0205	.DECAL, CLUTCH DRIVE REL. PIN (Serial # 1001-3376)	1
24	00.0643	.DECAL, CLUTCH DRIVE PIN (Serial # 3377-)	1
25	90.0408	.BOLT, 1/4-20 USS X 1	1
26	62.0957	.STAND, JACK	1
27	40.0309	.HANDLE, JACKSTAND LOC	1
28	64.1054	.RETAINER, BELT	1
29	99.SF0404-1	.BOLT, SMF 1/4-20 X 1/2	3
30	62.0956	.FRAME, MAIN EA600	1
31	47.0115*	.WEIGHT, SUITCASE- 42 LBS W/BOX	8
32	60.0888	.SHIELD, TORSION SPRING	1
33	00.0770	.DECAL, MADE IN USA	1
34	62.1027	.STAND, JACK (no longer available, order 62.1073 for replacement)	1
34	62.1073	.STAND, JACK EA600	1
35	03.0015	.PIN, SAFETY SNAP 3/8 X 3"	1
36	60.0887	.SHIELD, FINAL DRIVE LEFT SIDE	1
37	00.0217	.DECAL, WARNING READ OWNERS MAN (Serial # 1001-3376)	1
37	00.0619	.DECAL, READ OPERATORS MANUAL (Serial # 3377-)	1
38	00.0631	.DECAL, FINGER/HAND ENTANGLEMENT (Serial # 3377-)	1

PARTS

ILLUSTRATED DRAWING Gearbox & Drive Shaft



PARTS

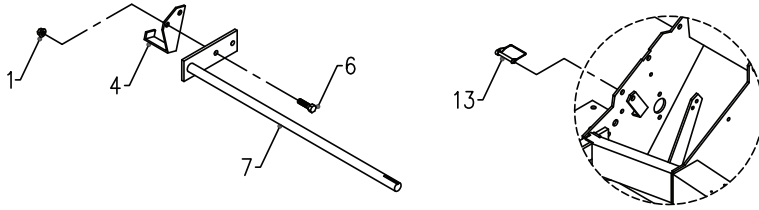
Gearbox & Drive Shaft

REF.	PART NO.	DESCRIPTION	QTY.
1	83.3BK3016	PULLEY, 3" 1" BORE 3-GROOVE	1
2	85.SS09	SET SCREW, 5/16"-18 X 3/8"	2
3	85.K0408	KEY, 1/4X1	4
4	80.0330	SHAFT, DRIVE	1
5	90.0608	BOLT, 3/8-16 USS X 1	4
6	95.06	WASHER, FLAT 3/8 SAE	6
7	60.0852	SHIELD, BELT DRIVE	1
8	87.0204	U-JOINT, 1" X 1" WEASLER	1
9	85.SS21	SETSCREW, 3/8-16 X 3/8	2
10	29.0093	PIPE, BREATHER PLUG 1/4	1
11	87.0189	GEARBOX, 1" SHAFT 2:1 CW/CCW	1
12	83.BK70H	PULLEY, 7" H-BUSH	1
13	83.H16S	BUSHING, 1" SPLIT 1/4" KEY	1
14	90.0406	BOLT, 1/4-20 USS X 3/4	2
15	81.B050	BELT,B50	1
16	96.06	WASHER, LOCK 3/8	4
17	99.SF05	NUT, SRF 5/16-18 USS	2
18	55.FB16016-1	BEARING, FLANGE BLOCK 1"	1
19	90.0508	BOLT, 5/16-18 USS X 1	2
20	81.BX038-3	BELT, BX38 MATCHED SET (3)	1
21	90.0606	BOLT, 3/8-16 USS X 3/4	4
22	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 CAP1.50-25	1

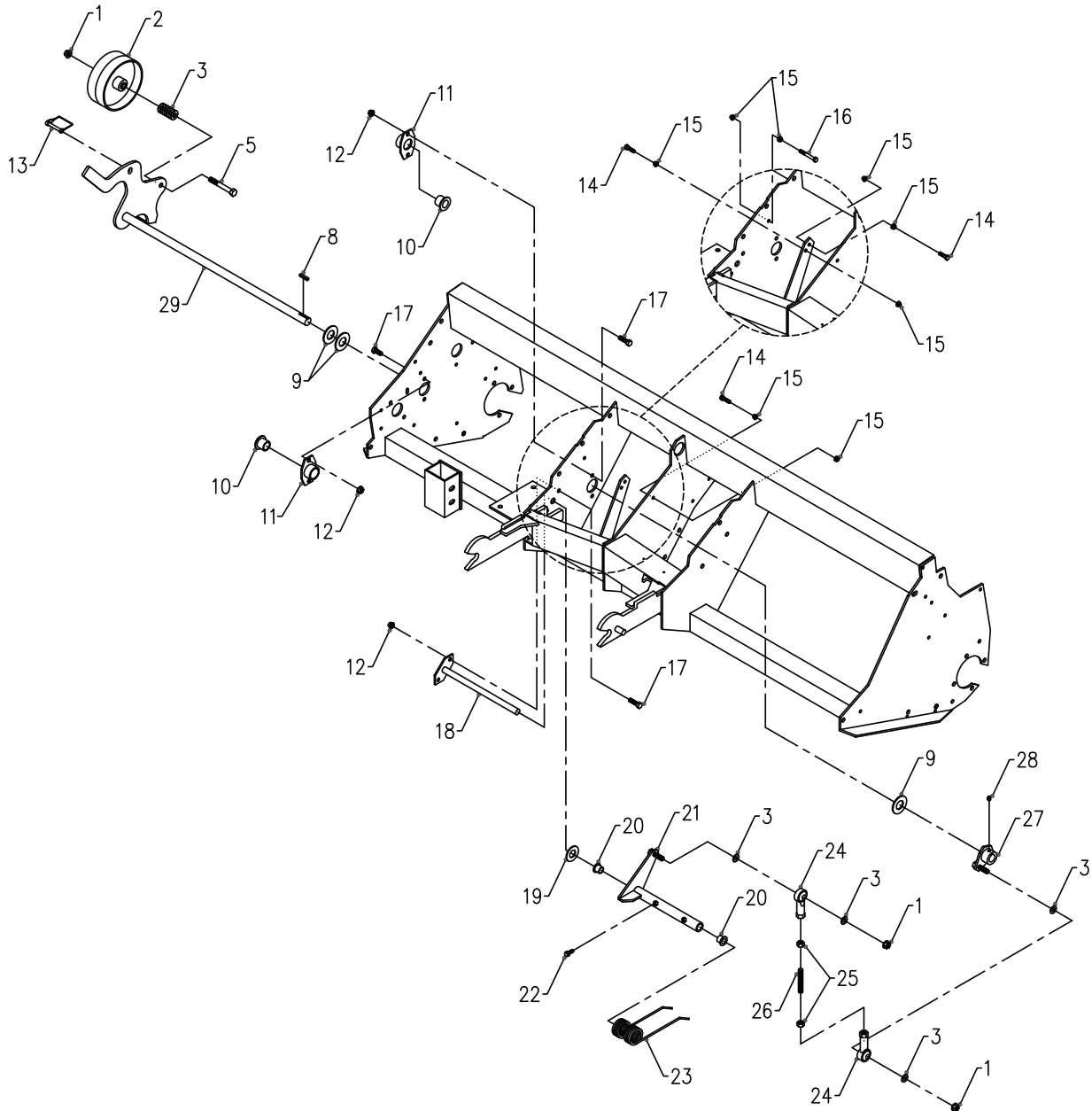
PARTS

ILLUSTRATED DRAWING Drive Clutch

SERIAL # 1001-1076



SERIAL # 1077 --



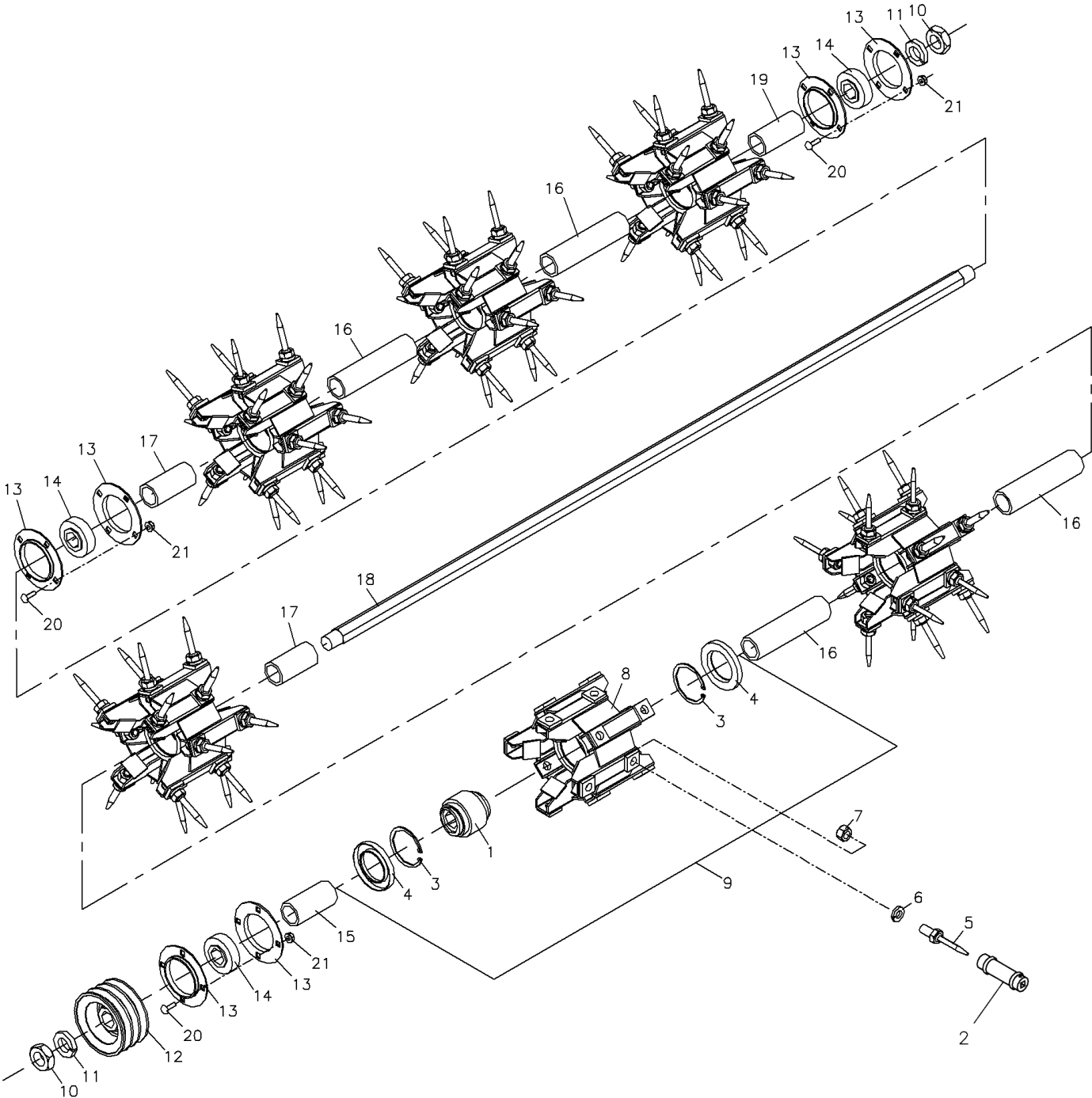
PARTS

Drive Clutch

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF06	.NUT, SRF 3/8-16 USS.	4
2	83.0045	.PULLEY, IDLER FLAT 6" X 2-1/8	1
3	95.06	.WASHER, FLAT 3/8 SAE	11
4	64.1060	.PLATE,BELT LIFTER	1
5	90.0618	.BOLT, 3/8-16 USSX21/4	1
6	90.0606	.BOLT, 3/8-16 USS X 3/4	1
7	80.0329	.SHAFT, IDLER EA.	1
8	85.K0310	.KEY, 3/16X11/4	1
9	95.12	.WASHER, FLAT 3/4 SAE	3
10	85.B0077	.BUSHING, 3/4 ID X 1" OD X 3/4.	2
11	64.1052	.BRACKET, BEARING EA600	2
12	99.SF05	.NUT, SRF 5/16-18 USS.	6
13	03.0001	.PIN, SAFETY SNAP 3/8 X 1-3/4.	1
14	90.0408	.BOLT, 1/4-20 USS X 1.	3
15	99.SF04	.NUT, SRF 1/4-20 USS.	8
16	90.0420	.BOLT, 1/4-20 USSX21/2	1
17	90.0506	.BOLT, 5/16-18 USS X 3/4	6
18	64.1053	.SHAFT CLUTCH RELEASE PIVOT	1
19	95.08	.WASHER, FLAT 1/2 SAE	1
20	85.B0027	.BUSHING, 1/2 ID X 5/8 OD X 5/8.	2
21	40.0307	.ARM, CLUTCH RELEASE	1
22	99.SF0404	.BOLT, SRF 1/4-20 X 1/2	2
23	41.0065	.SPRING, DOUBLE TORSION BLACK	2
24	43.006	.ROD END, 3/8 SPHERICAL	2
25	93.06	.NUT, 3/8-24 SAE	2
26	42.0458	.ROD, THREADED3/8 24 X 2-1/2"	1
27	40.0308	.HUB CLUTCH SHAFT CONTROL	1
28	85.SS19	.SET SCREW, 1/4-20 X 1/4"	1
29	80.0353	.ARM, BELT TIGHTNER	1

PARTS

ILLUSTRATED DRAWING Rotor Shaft Assembly, 16 Tine (Serial # 1001-1139)



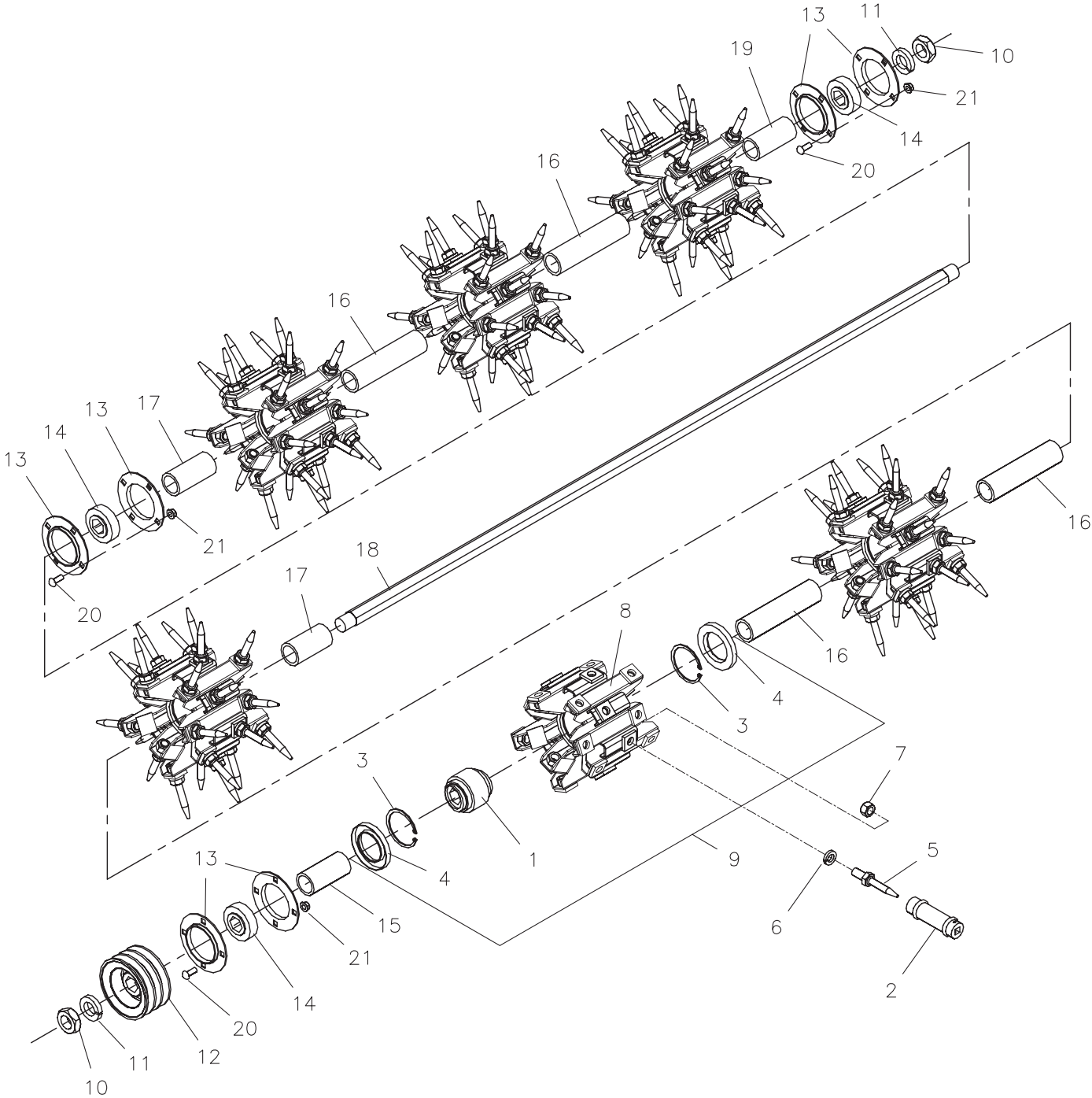
PARTS

Rotor Shaft Assembly, 16 Tine (Serial # 1001-1139)

REF.	PART NO.	DESCRIPTION	QTY.
1	80.0336	.ADAPTER, BEARING 5 DEG	6
2	72.0041	.TOOL, 15/16" EXTRA DEEP SOCKET	1
3	04.0023	.SNAP RING, INT 3"	12
4	89.0071	.SEAL, EXTERNAL ROTOR	12
5	79.0065	.TINE, W/ 5/8" NF STUD	96
6	99.B0079	.WASHER, LOCK 5/8" G8	96
7	93.10	.NUT, 5/8-18 SAE	96
8	80.0366-1	.ROTOR, ONLY SHELL	6
9	80.0366	.ASM, ROTOR (24 TINE) W/O TINES	6
10	99.E0070	.NUT, JAM 1-1/8"-12 SAE G5 ZP	2
11	96.18	.WASHER, LOCK 1 1/8	2
12	83.3TB465	.PULLEY, 3-GROOVE X 4.65 DIA	1
13	55.0054	.FLANGE, 72MM X 4 HOLE	6
14	55.0055	.BEARING, 1 1/8 HEX	3
15	80.0337	.SPACER, DRIVE END 3 51/64"	1
16	80.0338	.SPACER, LONG 7 1/4"	4
17	80.0339	.SPACER, CENTER 3 9/16"	2
18	80.0341	.SHAFT, ROTOR 60"	1
19	80.0340	.SPACER, RIGHT END 3 19/64"	1
20	97.0608	.BOLT, CARRIAGE 3/8 X 1	12
21	99.E0071	.NUT, SRF 3/8-16 USS	12

PARTS

ILLUSTRATED DRAWING Rotor Shaft Assembly, 24 Tine (Serial # 1140-)



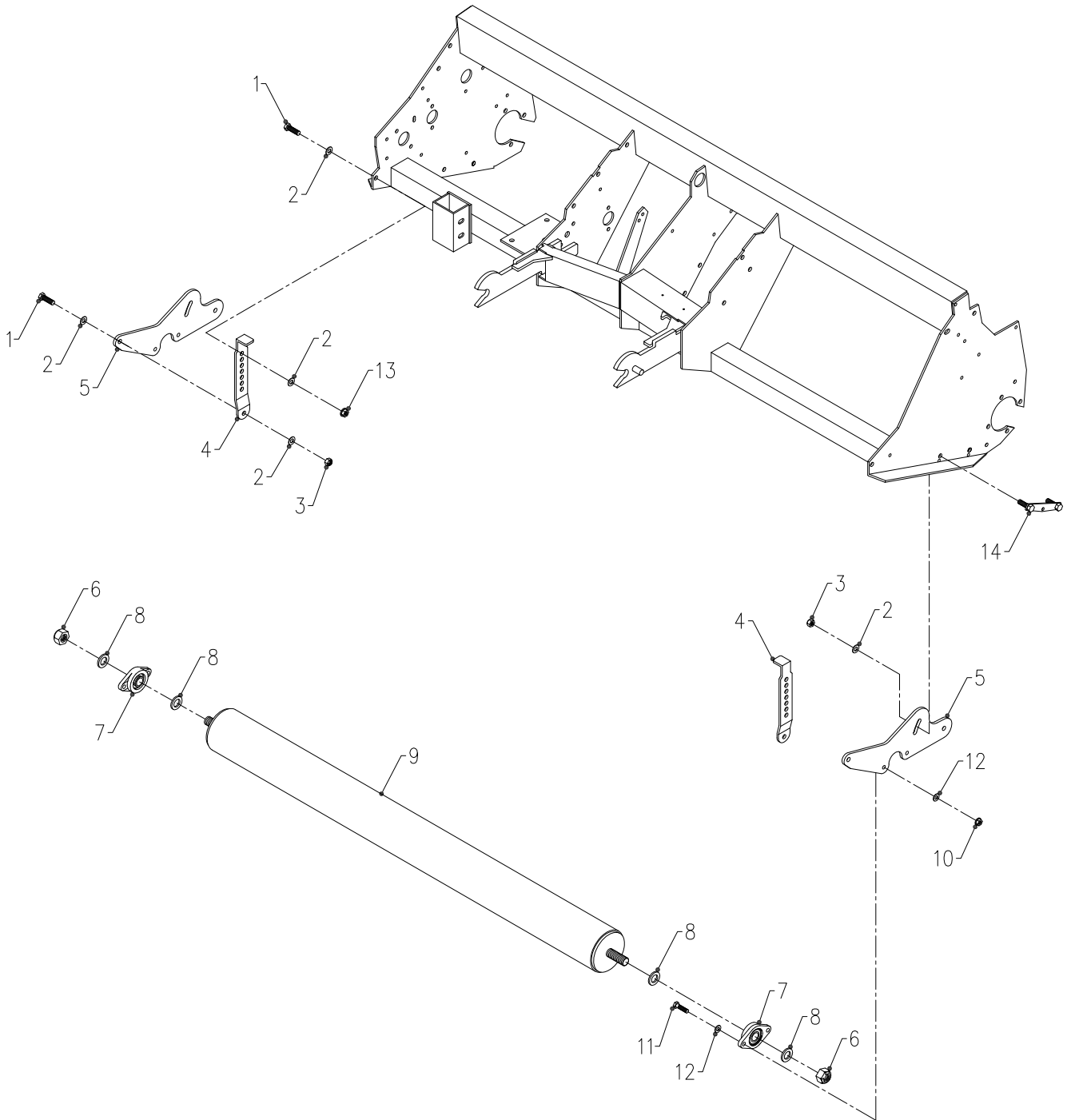
PARTS

Rotor Shaft Assembly, 24 Tine (Serial # 1140-)

REF.	PART NO.	DESCRIPTION	QTY.
1	80.0336	.ADAPTER, BEARING 5 DEG	6
2	72.0041	.TOOL, 15/16" EXTRA DEEP SOCKET	1
3	04.0023	.SNAP RING, INT 3"	12
4	89.0071	.SEAL, EXTERNAL ROTOR	12
5	79.0065	.TINE, W/ 5/8" NF STUD	144
6	99.B0079	.WASHER, LOCK 5/8" G8	144
7	93.10	.NUT, 5/8-18 SAE	144
8	80.0366-1	.ROTOR, ONLY SHELL	6
9	80.0366	.ASM, ROTOR (24 TINE) W/O TINES	6
10	99.E0070	.NUT, JAM 1-1/8"-12 SAE G5 ZP	2
11	96.18	.WASHER, LOCK 1 1/8	2
12	83.3TB465	.PULLEY, 3-GROOVE X 4.65 DIA	1
13	55.0054	.FLANGE, 72MM X 4 HOLE	6
14	55.0055	.BEARING, 1 1/8 HEX	3
15	80.0337	.SPACER, DRIVE END 3 51/64"	1
16	80.0338	.SPACER, LONG 7 1/4"	4
17	80.0339	.SPACER, CENTER 3 9/16"	2
18	80.0341	.SHAFT, ROTOR 60"	1
19	80.0340	.SPACER, RIGHT END 3 19/64"	1
20	97.0608	.BOLT, CARRIAGE 3/8 X 1	12
21	99.E0071	.NUT, SRF 3/8-16 USS	12

OPTIONS

ILLUSTRATED DRAWING 70.8014 Optional Rear Roller Kit



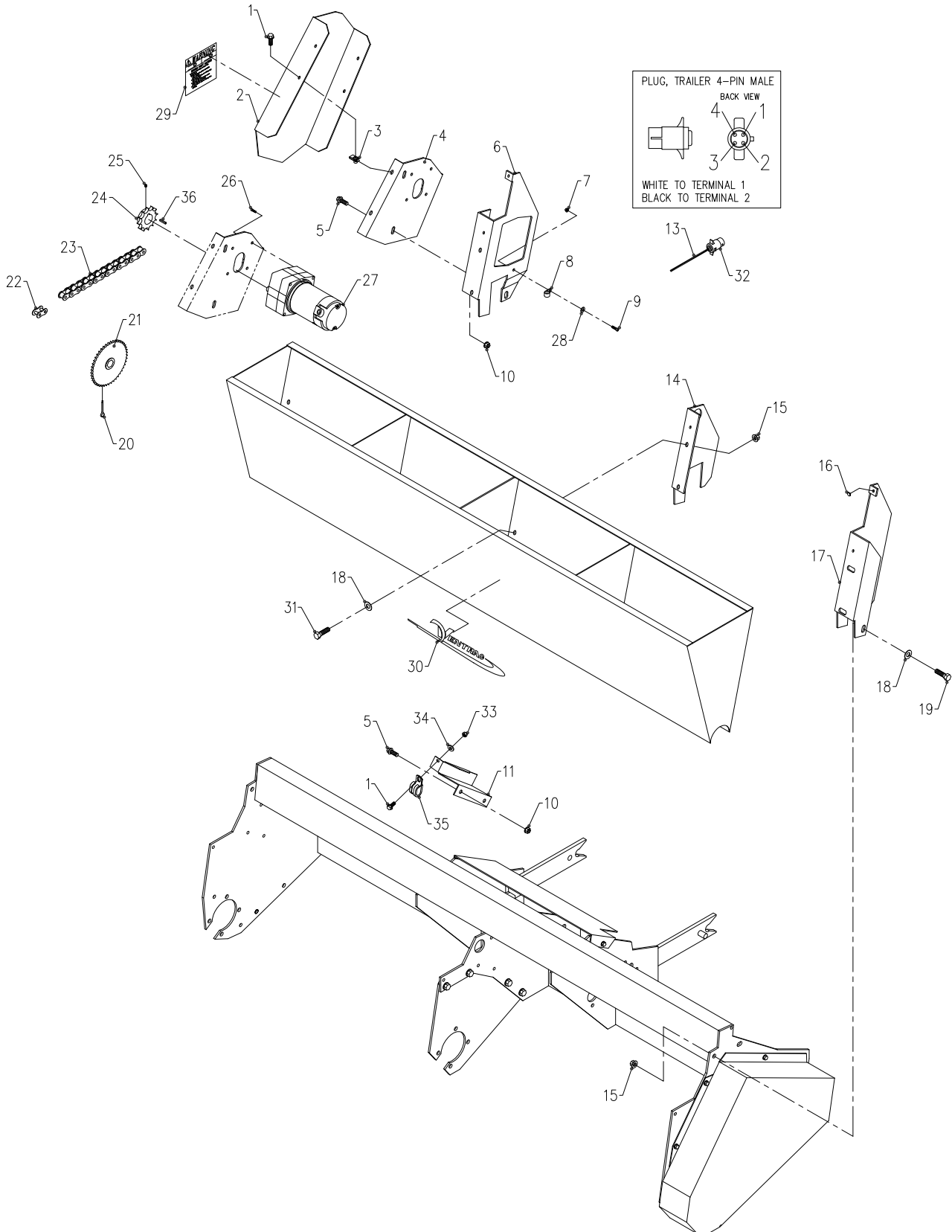
OPTIONS

70.8014 Optional Rear Roller Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	90.0608	.BOLT, 3/8-16 USS X 1	4
2	95.06	.WASHER, FLAT 3/8 SAE	12
3	99.A06	.LOCKNUT, STOVER 3/8-16 USS	6
4	64.1111	.BRACKET, HEIGHT ADJUST	2
5	64.1055	.BRACKET, ROLLER BEARING MT.	2
6	99.A12	.LOCKNUT, STOVER 3/4-10 USS	2
7	55.FB16012-1	.BEARING, FLANGE BLOCK 3/4"	2
8	99.B0057-2	.WASHER, MACH3/4 X1-1/4 10GA ZP	4
9	80.0331	.ROLLER, 4 X 57L	1
10	99.SF05	.NUT, SRF 5/16-18 USS	4
11	90.0510	.BOLT, 5/16-18 USS X 1 1/4	4
12	95.05	.WASHER, FLAT 5/16 SAE	4
13	99.SF06	.NUT, SRF 3/8-16 USS	2
14	64.1056	.BRACKET, BOLT PLATE MT	2

OPTIONS

ILLUSTRATED DRAWING 70.8015 Seeder Kit Mount & Motor



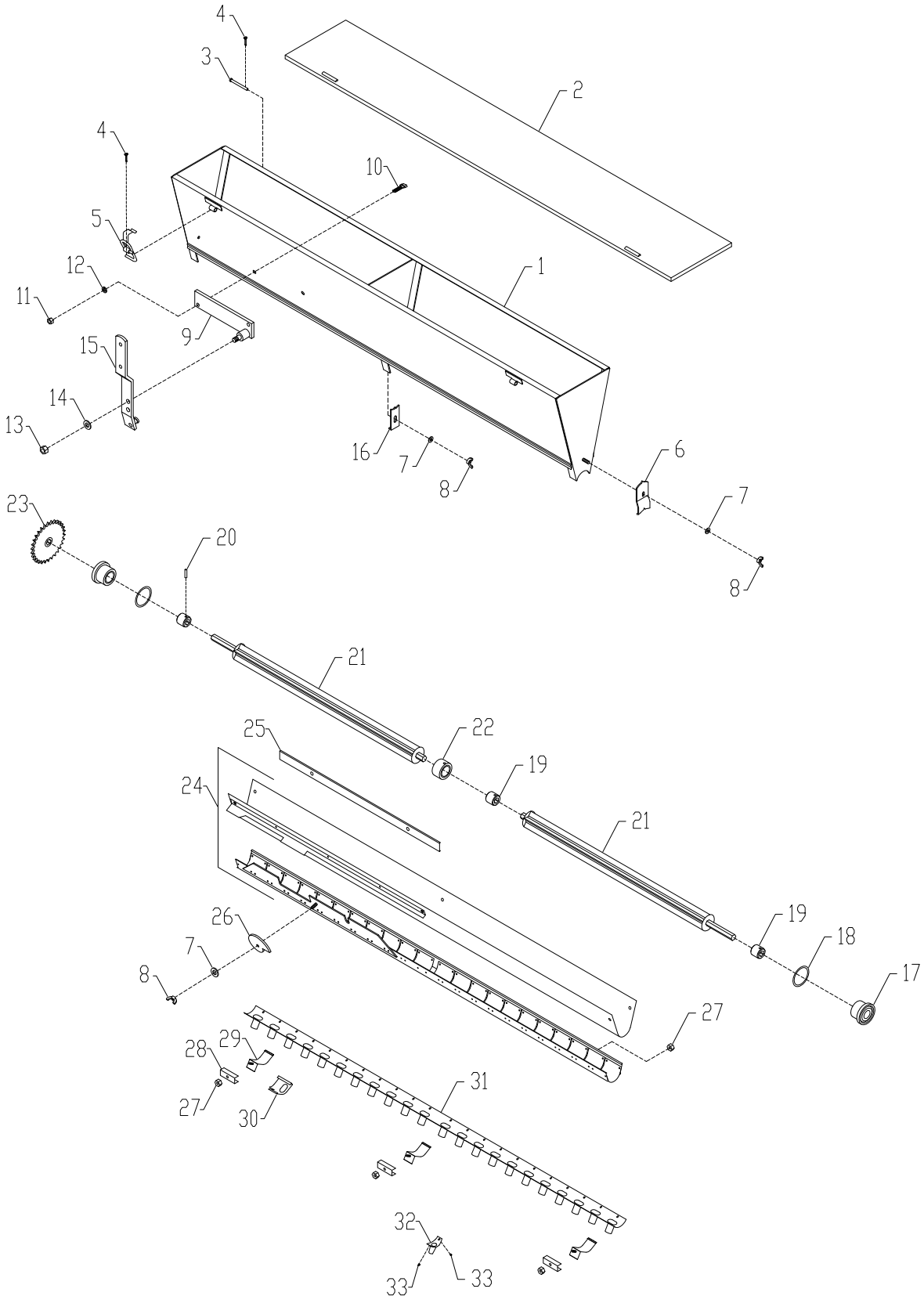
OPTIONS

70.8015 Seeder Kit Mount & Motor

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF0405-1	.BOLT, SMF 1/4-20 X 5/8	5
2	60.0856	.COVER, DRIVE SEEDER	1
3	99.E0046	.NUT, "U" 1/4-20 EXTRUDED	4
4	62.0961	.MOUNT, SEEDER MOTOR	1
5	99.SF0506	.BOLT, SRF 5/16-18 USS X 3/4	4
6	62.0960	.MOUNT, RIGHT SIDE SEEDER	1
7	99.E0035	.NUT, SRF #10-32	1
8	30.0140	.CLAMP, WIRE MT 3/8 NYLON BLK.	1
9	99.K0071	.MACHINE SCREW, 10-32 X 5/8.	1
10	99.SF05	.NUT, SRF 5/16-18 USS	4
11	64.1057	.BRACKET, WIRE CHANNEL	1
13	32.0075	.HARNES, WIRE SEEDER OPT	1
14	62.0959	.MOUNT, CENTER SEEDER	1
15	99.SF06	.NUT, SRF 3/8-16 USS	8
16	05.0097	.BUMPER, 1/4ID, 9/16OD, 3/16THK	2
17	62.0958	.MOUNT, LEFT SIDE SEEDER	1
18	95.06	.WASHER, FLAT 3/8 SAE	8
19	90.0608	.BOLT, 3/8-16 USS X 1	2
20	02.CP0612	.COTTER PIN, 3/16 X 1 1/2	1
21	07.16118	.SPROCKET, 30-TOOTH 5/8 HEX HUB	1
22	81.0144	.LINK, CONNECTOR #41	1
23	81.0143	.CHAIN, ROLLER #41 X 28-1/2"	1
24	83.411508	.SPROCKET, #41 15-T 1/2" BORE	1
25	85.SS20	.SET SCREW, 10-24 X 3/16	2
26	99.K0073	.BOLT, SHCS 10-32 X 1/2 ZP	4
27	87.0207	.GEARMOTOR, 1/17 HP 30 RPM	1
28	99.B0051	.WASHER, FLAT #10	1
29	00.0626	.DECAL, ENTANGLEMENT HAZARD	1
30	00.0189	.DECAL, VENTRAC ORBITAL (Serial # 1001-4312)	1
30	00.0383	.DECAL, VENTRAC (Serial # 4313-)	1
31	90.0606	.BOLT, 3/8-16 USS X 3/4	6
32	30.0218	.PLUG, TRAILER 4-PIN MALE	1
33	99.A04N	.LOCKNUT, NYLON 1/4-20	1
34	95.04	.WASHER, FLAT 1/4 SAE	1
35	11.0058	.CLAMP, CUSHIONED 3/8"	1
36	85.K0206	.KEY, 1/8 X 3/4	1

OPTIONS

ILLUSTRATED DRAWING 70.8015 Seeder Kit Hopper & Controls



OPTIONS

70.8015 Seeder Kit Hopper & Controls

REF.	PART NO.	DESCRIPTION	QTY.
1	07.16111	.HOPPER, 5-FT., PAINTED BLACK	1
2	07.16112	.COVER, 5-FT., PAINTED BLACK	1
3	03.0421	.CLEVIS PIN, 1/4 X 2-5/8	2
4	02.CP0306	.COTTER PIN, 3/32 X 3/4	4
5	07.16104	.LOCK, COVER	2
6	07.16103	.RETAINER, BEARING	2
7	95.05	.WASHER, FLAT 5/16 SAE	4
8	99.E0003	.NUT, WING 5/16 USS 18	4
9	07.16115	.BRKT, MOUNTING SHUT-OFF LEVER	1
10	90.0608	.BOLT, 3/8-16 USS X 1	2
11	92.06	.NUT, 3/8-16 USS	2
12	96.06	.WASHER, LOCK 3/8	2
13	99.A08	.LOCKNUT, STOVER 1/2-13 USS	1
14	95.08	.WASHER, FLAT 1/2 SAE	1
15	07.16109	.LEVER, SHUT-OFF, PAINTED BLACK	1
16	07.16105	.RETAINER, BEARING - CENTER	1
17	07.16106	.BEARING, END	2
18	07.16120	.GASKET	2
19	07.16108	.JOURNAL, 5/8" HEX	3
20	02.RP0608	.ROLL PIN, 3/16 X 1"	3
21	07.16110	.ROTOR BAR, 5-FT., NEOPRENE	2
22	07.16107	.BEARING, CENTER	1
23	07.16118	.SPROCKET, 30-TOOTH 5/8 HEX HUB	1
24	07.16113	.BOTTOM & SLIDES, 5' 22 OPENING	1
25	07.16101	.HANGER, REAR	2
26	07.16102	.CAM GAUGE	1
27	99.E0098	.NUT, SRF # 10-24	7
28	07.16119	.CLAMP	3
29	07.16117	.HOLDER, CLIP AND PLATE	3
30	07.16116	.CLIP, POSITION	1
31	07.16114	.PLATE, SPOUT MOUNTING W/SPOUTS	1
32	47.0487	.SPOUT, EA SEEDER	22
33	04.0050	.RIVET, SEEDER SPOUT	44