



MODELS:

235 FRONT WHEEL DRIVE TRACTOR

75-70282

25HP KUBOTA DIESEL

MAN 4165181
Rev. A 05-2010

OPERATOR'S MANUAL 4165182



www.steinerturf.com

PARTS MANUAL

CALIFORNIA
Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

 WARNING

The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Californie Proposition 65
Avertissement

Les échappements des moteurs diesel et certains de leurs composants sont reconnus par l'Etat de Californie pour être cancérigènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.

 AVERTISSEMENT

L'émission du moteur de ce matériel contient des produits chimiques que l'Etat de Californie considère être cancérigènes, provoquer des défauts congénitaux et d'autres dangers en matière de reproduction.

California Advertencia
de la Proposicion 65

El estado de California hace saber que los gases de escape de los motores diesel y algunos de sus componentes producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.

 ADVERTENCIA

El estado de California hace saber que los gases de escape de este producto contienen productos químicos que producen cáncer, defectos de nacimiento y otros daños en el proceso de reproducción humana.

CALIFORNIA
Proposition 65 Warning

Battery posts, terminals, wiring insulation, and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
WASH HANDS AFTER HANDLING.

IMPORTANT MESSAGE

Thank you for purchasing this Schiller Grounds Care, Inc. product. You have purchased a world class product, one of the best designed and built anywhere.

This machine comes with an Owner / Operator's Manual and an Illustrated Parts Manual. The useful life and good service you receive from this machine depends to a large extent on how well you read and understand these manuals. Treat your machine properly, lubricate and adjust it as instructed, and it will give you many years of reliable service.

Your safe use of this Schiller Grounds Care, Inc. product is one of our prime design objectives. Many safety features are built in, but we also rely on your good sense and care to achieve accident-free operation. For best protection, study the manuals thoroughly. Learn the proper operation of all controls. Observe all safety precautions. Follow all instructions and warnings completely. Do not remove or defeat any safety features. Make sure those who operate this machine are as well informed and careful in its use as you are.

See a Schiller Grounds Care, Inc. dealer for any service or parts needed. Schiller Grounds Care, Inc. service ensures that you continue to receive the best results possible from Schiller Grounds Care, Inc. products. You can trust Schiller Grounds Care, Inc. replacement parts because they are manufactured with the same high precision and quality as the original parts.

Schiller Grounds Care, Inc. designs and builds its equipment to serve many years in a safe and productive manner. For longest life, use this machine only as directed in the manuals, keep it in good repair and follow safety warnings and instructions. You'll always be glad you did.

Schiller Grounds Care, Inc.
One Bob Cat Lane
Johnson Creek, WI 53038-0469

TABLE OF CONTENTS	FIGURES	PAGE
SAFETY.....		2
PARTS SECTION.....		3
KUBOTA DIESEL ENGINE ASSEMBLY.....	FIGURE 1	4, 5
KUBOTA DIESEL ENGINE COOLING SYSTEM	FIGURE 2	6, 7
FUEL SYSTEM.....	FIGURE 3	8, 9
HYDRAULIC SYSTEM	FIGURE 4	10, 11
SUNDSTRAND HYDROSTATIC TRANS	FIGURE 5	12, 13
PEERLESS TRANSAXLE	FIGURE 6	14, 15
MAIN FRAME	FIGURE 7	16, 17
REAR HOOD & GRILLE.....	FIGURE 8	18, 19
FRONT HOOD & DASH	FIGURE 9	20, 21
DRIVE AXLE & WHEELS	FIGURE 10	22, 23
REAR AXLE.....	FIGURE 11	24, 25
FORWARD-REVERSE PEDAL	FIGURE 12	26, 27
NEUTRAL LOCK	FIGURE 13	28, 29
BRAKE PEDALS & LINKAGE	FIGURE 14	30, 31
PTO DRIVE	FIGURE 15	32, 33
FRONT LIFT	FIGURE 16	34, 35
DIFFERENTIAL LOCK & SHIFTER	FIGURE 17	36, 37
ELECTRICAL - KUBOTA DIESEL	FIGURE 18	38, 39
DECALS	FIGURE 19	40, 41
75-70730 ROPS BAR WITH SEAT BELT.....	FIGURE 20	42
75-70467 REAR WEIGHT BAR (WB120)	FIGURE 21	43
75-70732 SUN SHADE CANOPY (SH230).....	FIGURE 22	44

NOTICE !!!

Unauthorized modifications may present **extreme** safety hazards to operators and bystanders and could also result in product damage.

Schiller Grounds Care, Inc. strongly warns against, rejects and disclaims any modifications, add-on accessories or product alterations that are not designed, developed, tested and approved by Schiller Grounds Care, Inc.'s Engineering Department. Any Schiller Grounds Care, Inc. product that is altered, modified or changed in any manner not specifically authorized after original manufacture—including the addition of “after-market” accessories or component parts not specifically approved by Schiller Grounds Care, Inc.—will result in the Schiller Grounds Care, Inc. Warranty being voided.

Any and all liability for personal injury and/or property damage caused by any unauthorized modifications, add-on accessories or products not approved by Schiller Grounds Care, Inc. will be considered the responsibility of the individual(s) or company designing and/or making such changes. Schiller Grounds Care, Inc. will vigorously pursue full indemnification and costs from any party responsible for such unauthorized post-manufacture modifications and/or accessories should personal injury and/or property damage result.



This symbol means:
ATTENTION!
BECOME ALERT!

Your safety and the safety of others is involved.

Signal word definitions:

The signal words below are used to identify levels of hazard seriousness. These words appear in this manual and on the safety labels attached to Schiller Grounds Care, Inc. machines. For your safety and the safety of others, read and follow the information given with these signal words and/or the symbol shown above.

⚠ DANGER

DANGER indicates an imminently hazardous situation which, if not avoided, **WILL** result in death or serious injury.

⚠ WARNING

WARNING indicates a potentially hazardous situation which, if not avoided, **COULD** result in death or serious injury.

⚠ CAUTION

CAUTION indicates a potentially hazardous situation which, if not avoided, **MAY** result in minor or moderate injury. It may also be used to alert against unsafe practices or property damage.

CAUTION

CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, **MAY** result in property damage.

Schiller Grounds Care, Inc.

One Bobcat Lane
Johnson Creek, WI 53038 U.S.A.
Phone: 920-699-2000
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MODEL NUMBER

SERIAL NUMBER

MODEL NUMBER: This number appears on sales literature, technical manuals and price lists.

SERIAL NUMBER: This number appears only on your mower. It contains the model number followed consecutively by the serial number. Use this number when ordering parts or seeking warranty information.

PARTS SECTION

FIGURE 1

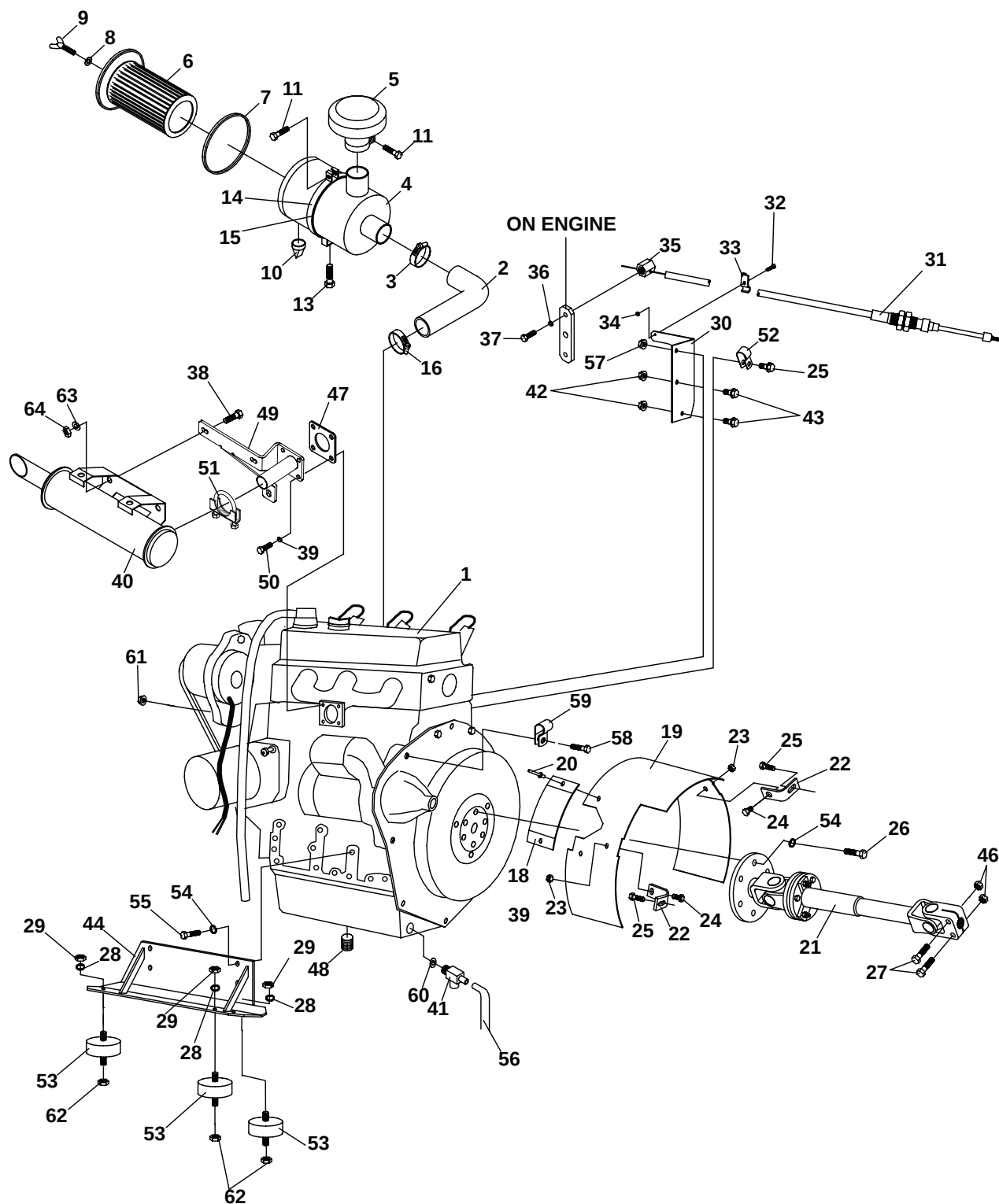


FIGURE 1

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	13-114	ENGINE, KUBOTA D1105	1	33	111898	CLAMP,CABLE	1
	*13-15862-12310	MANIFOLD		34	64025-15	NUT-HEX #10-24 KEPS	1
	*13-16271-32090	OIL FILTER		35	172084	CLAMP-THROTTLE	1
	*13-16241-74112	FAN		36	64006-02	LOCKWASHER-5/16	1
	*13-16241-97010	FAN BELT		37	64123-59	BLT-HEX 5/16-24X1/2	1
	*13-16217-74250	PULLEY, FAN		38	64139-08	BOLT-5/16-18X3/4 WLF	2
	*13-16261-74151	SPACER, FAN		39	64006-2	LOCKWASHER, 8MM	4
	*64251-002	WASHER-M6		40	4165605	MUFFLER	1
	*64205-025	BLT-MET M6-1.00X25		41	13-029	VALVE-OIL DRAIN	1
	*13-70000-73274	KIT-BLOCK HEATER		42	64141-4	NUT-WLF 3/8-16	2
	*13-70000-91515	REPLACEMENT CORD		43	64197-022	BLT-TDFM 3/8-16X3/4	2
				44	4165017.7	BRKT, RIGHT ENGINE MNT	1
2	13-111	HOSE, AIR CLEANER	1	45	*4164979.7	BRKT, LEFT ENGINE MNT	1
3	13-15401-11720	HOSE CLAMP	1	46	64229-03	NUT-NYLOCK 3/8-16	2
4	13-16616-11010	ASSY-AIR CLEANER (INCLUDES ITEMS 5-12)	1	47	13-15263-12370	EXHAUST GASKET	1
				48	89-014	PLUG, OIL DRAIN	1
5	13-16616-11350	ASSY-CAP	1	49	4165727.7	WLDMT-BRKT MUFF MOUNT	1
6	13-15741-11080	ELEMENT-AIR CLNR	1	50	64205-001	BLT-MET M8-1.25X20	4
7	13-15741-11170	GASKET	1	51	4165922	CLAMP-MUFFLER 1-5/8	1
8	13-15741-94430	ASSEMBLY GASKET	1	52	48228A	CLAMP, INSULATED	3
9	13-15741-92620	WING BOLT	1	53	05-006	ISOLATOR-ENG MOUNT	6
10	13-15741-11470	VALVE	1	54	64006-18	LOCKWASHER,10MM	14
11	01123-50835	BOLT	2	55	64206-11	BOLT-HEX M10X20	8
12	*16271-87450	LABEL	1	56	27-017	HOSE-3/8 6.5"	1
13	01123-50814	BOLT (ITEMS 11-13 ARE AVAILABLE FROM KUBOTA)	1	57	64141-2	NUT-WLF 1/4-20	1
				58	64263-007	BLT-FLG M8-1.25-20	1
14	13-15000-36930	BAND-AIR CLEANER	1	59	48228-1A	CLAMP-INSULATED	1
15	13-15000-36920	CUSHION	1	60	05-037	WSHR-.875 D X .5 D X .015	2
16	13-15221-11720	HOSE CLAMP	1	61	64207-09	NUT-M10-1.25	1
17	*1116	GUARD, STARTER ASSY (INCLUDES ITEMS 18-20)	1	62	64268-03	NUT-FL LOCK 3/8-16	6
				63	64163-29	WSHR-21/64X1X11GA	2
				64	64151-18	NUT-HEX 3/8-16 CTRLCK	2
18	4164999.7	GUARD, FLYWHEEL	1	* NOT ILLUSTRATED			
19	14-105.7	GUARD, FLYWHEEL	1				
20	64215-04	RIVET-POP IFI# 42	2				
21	4131504	DRIVE SHAFT, 230 KUBOTA	1				
22	64-913.7	ANGLE, SHIELD MOUNT	2				
23	64141-6	NUT, 5/16-18	2				
24	64139-13	BLT-WLF 5/16-18X1/2	4				
25	64139-04	BOLT-WLF 1/4-20X3/4	3				
26	64206-04	BLT-MET M10-1.25X25	6				
27	64123-87	BOLT-HEX 3/8-16X1-3/4	2				
28	64006-03	WASHER, 3/8 HELICAL LCK	6				
29	64025-05	NUT-3/8-16 HEX	6				
30	4137142.7	MOUNTING BRKT, PIVOT	1				
31	4137515	THROTTLE CABLE	1				
32	64152-49	SCREW-SLT HH 10-24X3/4	1				

FIGURE 2

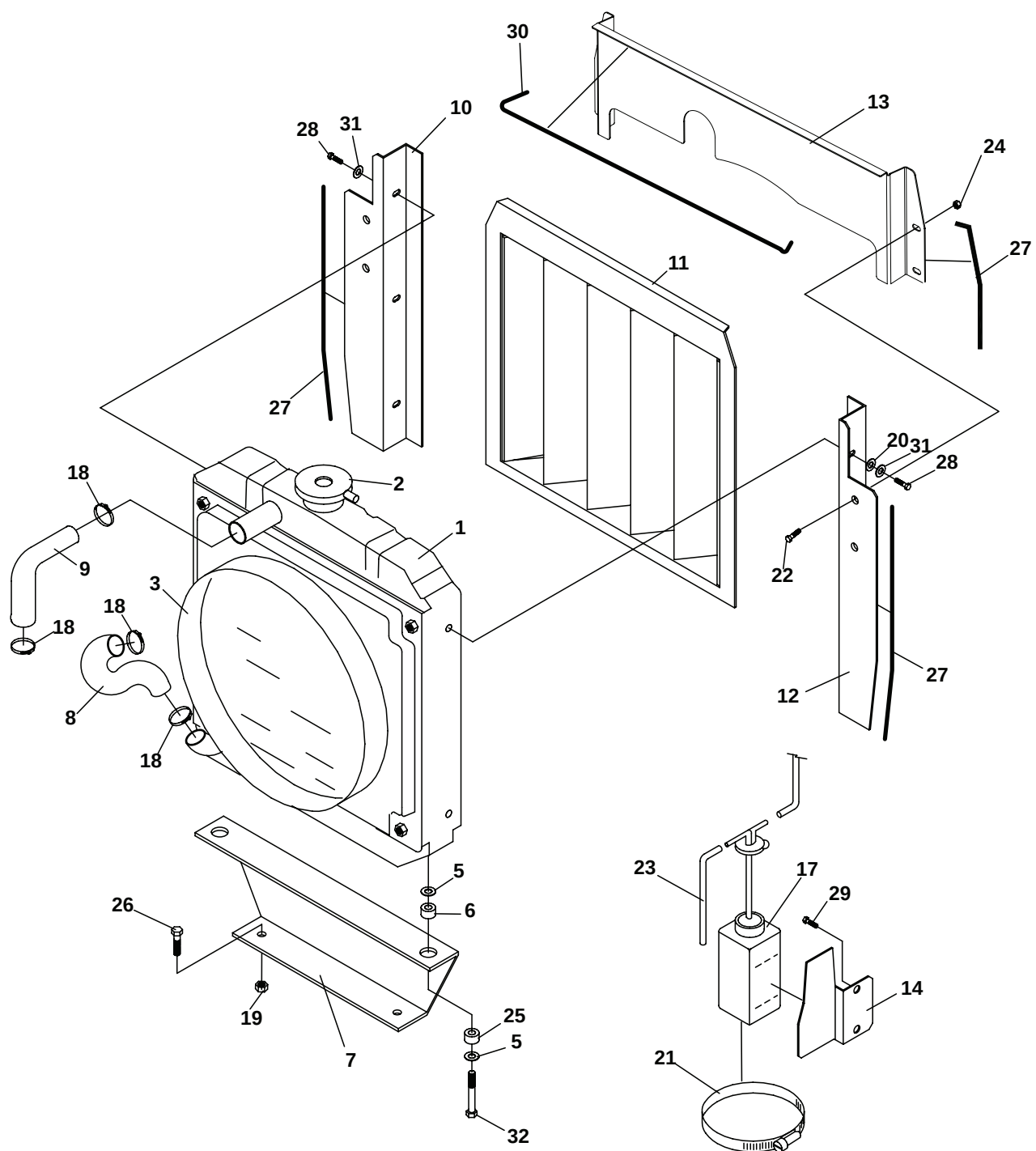


FIGURE 2

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	13-16625-72060	RADIATOR	1				
2	13-15272-72021	CAP-RADIATOR	1				
3	13-16626-72330	FAN SHROUD	1				
4 *	13-16616-74120	SCREEN-RAD FAN	1				
5	13-15111-72200	WASHER-CUPPED	4				
6	13-5111-72181	BUSHING-UPPER	2				
7	14-117.7	MOUNT, RADIATOR	1				
8	13-16626-72851	HOSE-LOWER RAD	1				
9	13-16626-72940	HOSE-UPPER RAD	1				
10	4165285.7	MOUNT, RAD SCREEN RH	1				
11	62-851.7	RADIATOR SCREEN	1				
12	4165284.7	MOUNT, RAD SCREEN LH	1				
13	4165286.7	BAFFLE, HOOD	1				
14	64-910.7	MOUNT, RESERVOIR	1				
15 *	99-K14	SCREW 5/16X1/2	1				
16 *	64141-6	NUT, 5/16-18	1				
17	13-036	BOTTLE-COOLANT W/CAP	1				
18	11-025	CLAMP-HOSE	4				
19	64141-4	NUT-WLF 3/8-16	2				
20	64163-03	WSHR-256IDX.62ODX18GA	6				
21	11-049	CLAMP-HOSE	1				
22	64139-02	BLT-WLF 1/4-20 X 1/2	4				
23	56-034	VINYL TUBE, 12"	1				
24	64141-2	NUT-WLF 1/4-20	4				
25	13-15111-72191	BUSHING-LOWER	2				
26	64139-21	BLT-WLF 3/8-16X3/4	2				
27	56-068	TRIM SEAL, 14"	2				
28	64205-013	BOLT-MET M6-1X12	4				
29	07-0812515	BOLT-MET M8-1.25X15	2				
30	108194-06	TRIM-CHANNEL FLEX 25.5"	1				
31	64006-01	LCKWSHR-1/4 HELICAL	4				
32	13-66711-51340	BOLT-RADIATOR MNT	2				

* NOT ILLUSTRATED

FIGURE 3

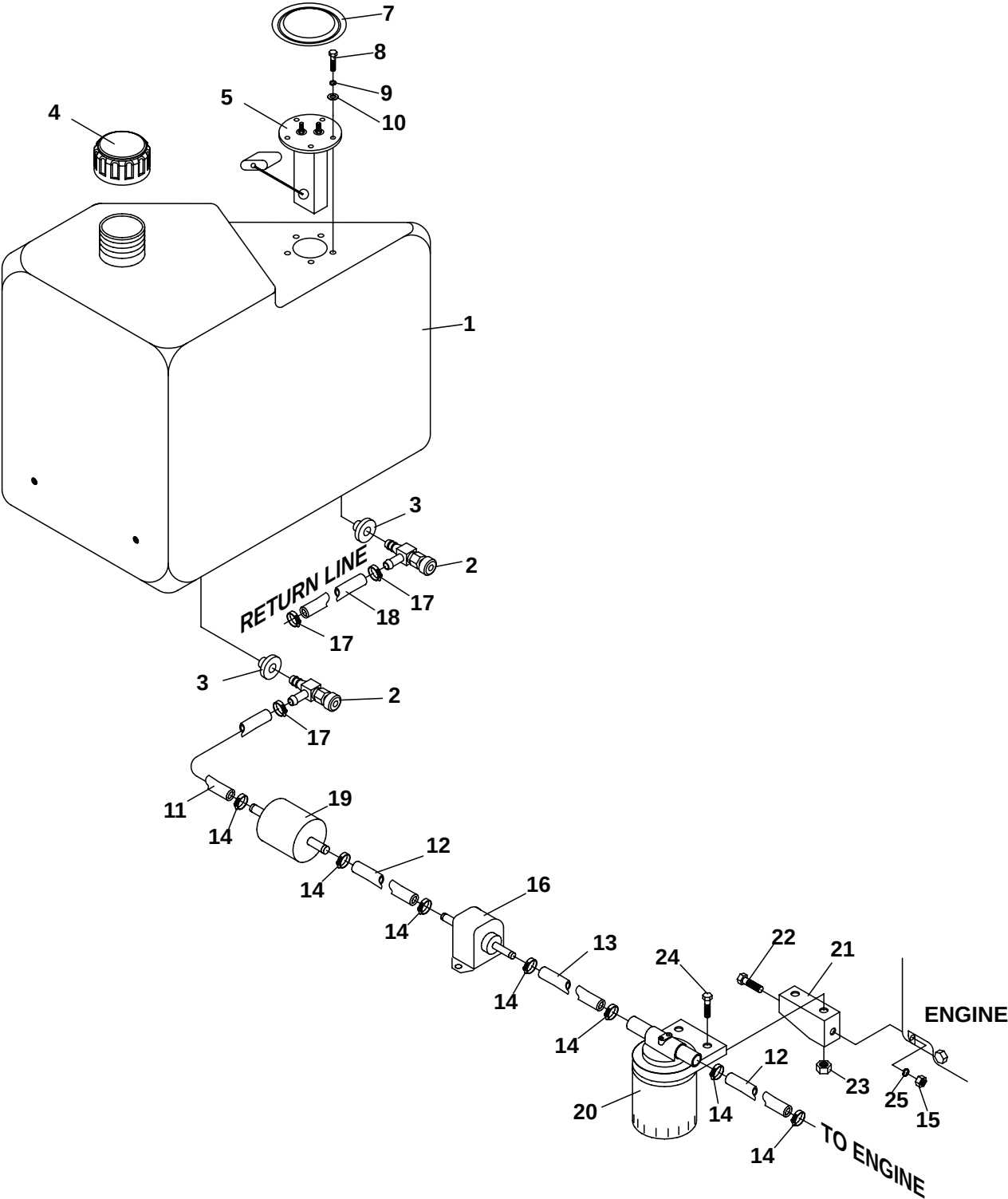


FIGURE 3

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	06-027	TANK, MOLDED PLASTIC (INCLUDES ITEMS 2 & 3)	1				
2	13-151	VALVE-FUEL SHUT-OFF	2				
3	13-127	BUSHING, FUEL TANK	2				
4	47-119	CAP, FUEL TANK	1				
5	4165402	SENDER, FUEL	1				
6	* 35-086	GASKET, FUEL LEVEL SND	1				
7	4138156	CAP, 230 FUEL SENDER	1				
8	64152-10	10-24X3/4 MACH SCREW	5				
9	120052	LCKWSHR .194.337.047	5				
10	64163-60	WASHER .50X.203X18GA	5				
(4162978-005 IS A SERVICEABLE LENGTH OF 27")							
11	4162978-005	HOSE, 5/16 FUEL LINE, 19"	1				
12	4162978-005	HOSE, 5/16 FUEL LINE, 12"	1				
13	4162978-005	HOSE, 5/16 FUEL LINE, 23"	1				
14	88042-02	CLAMP-HOSE 5/16	7				
15	64025-02	NUT-HEX 5/16-18	1				
16	13-68371-51211	FUEL PUMP-ELECTRIC	1				
17	11-017	HOSE CLAMP, SMALL	3				
18	4162977-015	HOSE, 1/4 FUEL LINE, 35"	1				
19	13-021	FUEL FILTER	1				
20	13-70000-43081	FUEL FILTER	1				
21	64-800.7	BRKT, FUEL FILTER MNT	1				
22	64123-47	BLT-HEX 5/16-18X1-1/4	1				
23	64141-6	NUT, 5/16-18	2				
24	64139-08	BOLT-5/16-18X3/4 WLF	2				
25	64006-02	LCKWSHR-HELICAL 5/16	1				

* NOT ILLUSTRATED

FIGURE 4

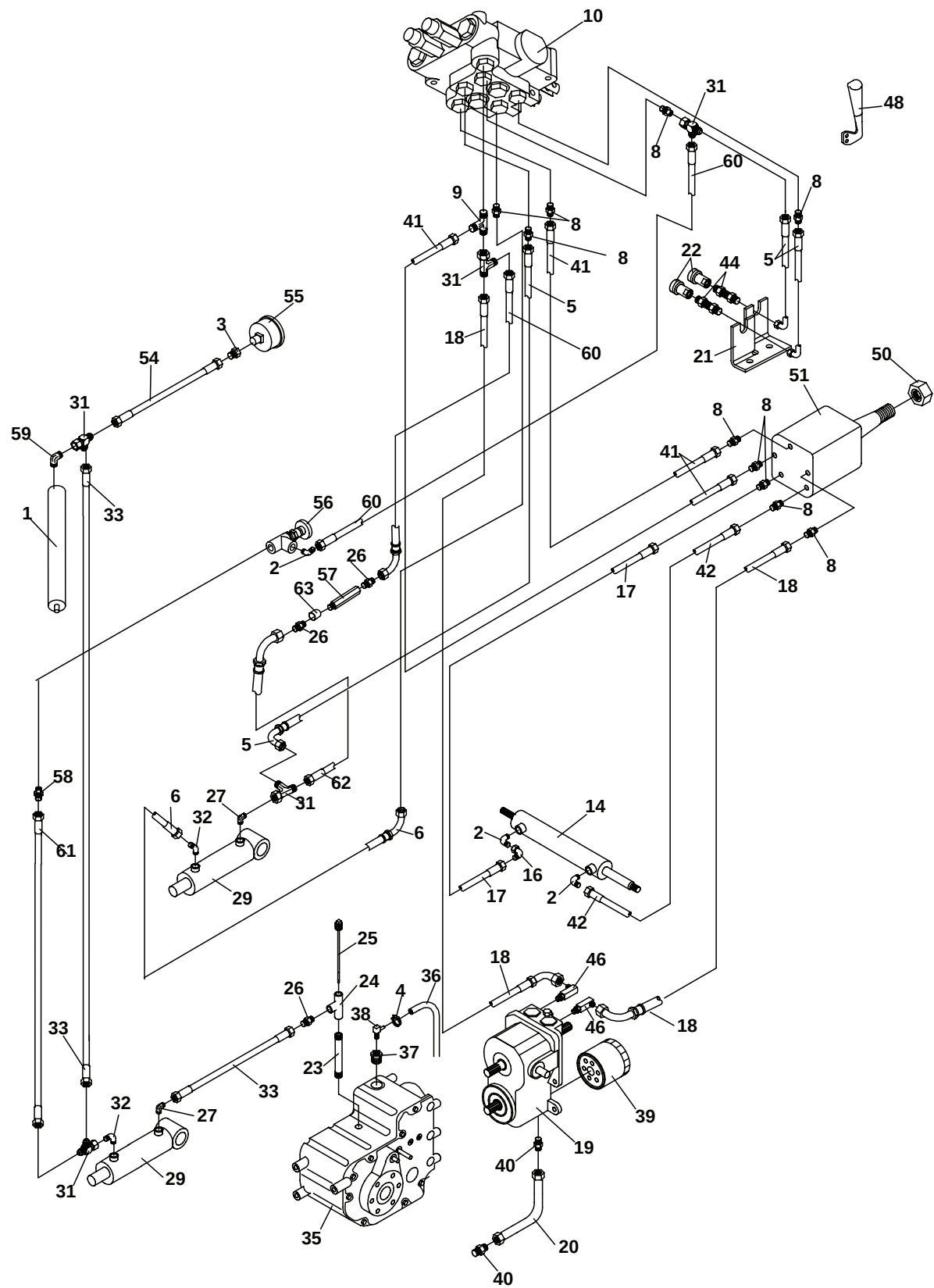


FIGURE 4

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	23-225	ACCUMULATOR-ZIN BORE	1	50	64001-1	NUT-HEX JAM,5/8-18	1
2	25-2103-4-6	FITTING, 90	3	51	23-056	VALVE-STEERING 5 PORT	1
3	25-0203-4-6	FTG-M/F 9/16 JICX1/4 NPTF	1	52 *	21-402405	SEAL-POST, OUTER	1
4	88042N	CLAMP-HOSE	1	53 *	21-478046	SEAL-FACE	1
5	20-135	HOSE, 1/4 X 19	3	54	4156201	HOSE-1/4X14.5"	1
6	4132021	HOSE, 1/4 X 14.5	1	55	35-072	GAGE-PRESSURE 1500PSI	1
7*	15-015	TRANS-HYD. OIL 3.5 GAL		56	23-043	CONTROL-VALVE NEEDLE	1
8	25-0503-6-6	FITTING, O-RING	10	57	23-048	VALVE-RELIEF	1
9	25-053T-6-6	FITTING, TEE	1	58	25-0103-4-6	FTG-9/16 JIC X 1/4 NPTF	1
10	4128868	VALVE-2-SPOOL	1	59	25-2503-8-6	FTG-1/2ORBX9/16 JIC	1
11*	23-30029249	SEAL KIT, 3-SPOOL VLV	1	60	20-046	HOSE-1/4X13 100RI #6 JIC	2
12*	23-1607-11	DETENT, SPOOL	1	61	20-006	HOSE	1
13*	23-041	KIT-DETENT FOR DUKES	1	62	20-217	HOSE-1/4X20 100RI #6 JIC	1
14	4132321	STEERING CYLINDER, 2X4	1	63	29-044	COUPLING-PIE 3/8 NPT	1
15*	21-0A002813	SEAL KIT, CYLINDER	1				
16	25-3903-6-6	FITTING-90 SWIVEL	1				
17	20-018	HOSE, 1/4 X 75	1				
18	4132940	HOSE, 3/8 X 26	2				
19	21-076	PUMP, SUNDSTRAND	1				
20	23-042	TUBE, STEEL HYD OIL	1				
21	60-656.7	BRKT-QUICK COUPLER	1				
22	23-003	COUPLER, FEMALE	2				
23	29-116	PIPE NIPPLE, 3/8 NPT X 8	1				
24	29-070	PIPE TEE, 3/8	1				
25	24-046	DIPSTICK, 230 TRANSAXLE	1				
26	25-0103-6-6	FITTING-9/16 JICx3/8 NPTF	3				
27	25-2103-6-6	FITTING, 90	2				
28*	15-012	TRANS-HYD. OIL QT					
29	23-005	CYLINDER	2				
30*	21-13909X	SEAL KIT, LIFT CYLINDER	1				
31	25-063T-6-6	TEE, NUT RUN SWIVEL	5				
32	25-3103-6-6	FITTING, 45	2				
33	20-026	HOSE, 1/4 X 17	2				
34*	23-033	DUST PLUG	2				
35	51-022	TRANSAXLE, W/DIFF LOCK	1				
36	4163464	TUBE-VACUUM 48"	1				
37	29-081	REDUCER, 3/4X1/8	1				
38	29-047	VALVE	1				
39	21-077	FILTER	1				
40	25-0503-10-10	FITTING, O-RING	2				
41	20-077	HOSE, 3/8 X 19	2				
42	20-049	HOSE, 1/4 X 84	1				
43*	21-401443X1	KIT-SPRING, STEERING	1				
44	25-2706-4-6	FITTING	2				
45*	21-SK000011	KIT-SEAL, STEERING VLV	1				
46	25-6801-LL-6	FITTING, 90 EX-LONG	2				
47*	21-061015	BUSHING, PLASTIC	1				
48	23-038	HANDLE	2				
49*	23-038A	CUP & PIN	2				

* NOT ILLUSTRATED

FIGURE 5

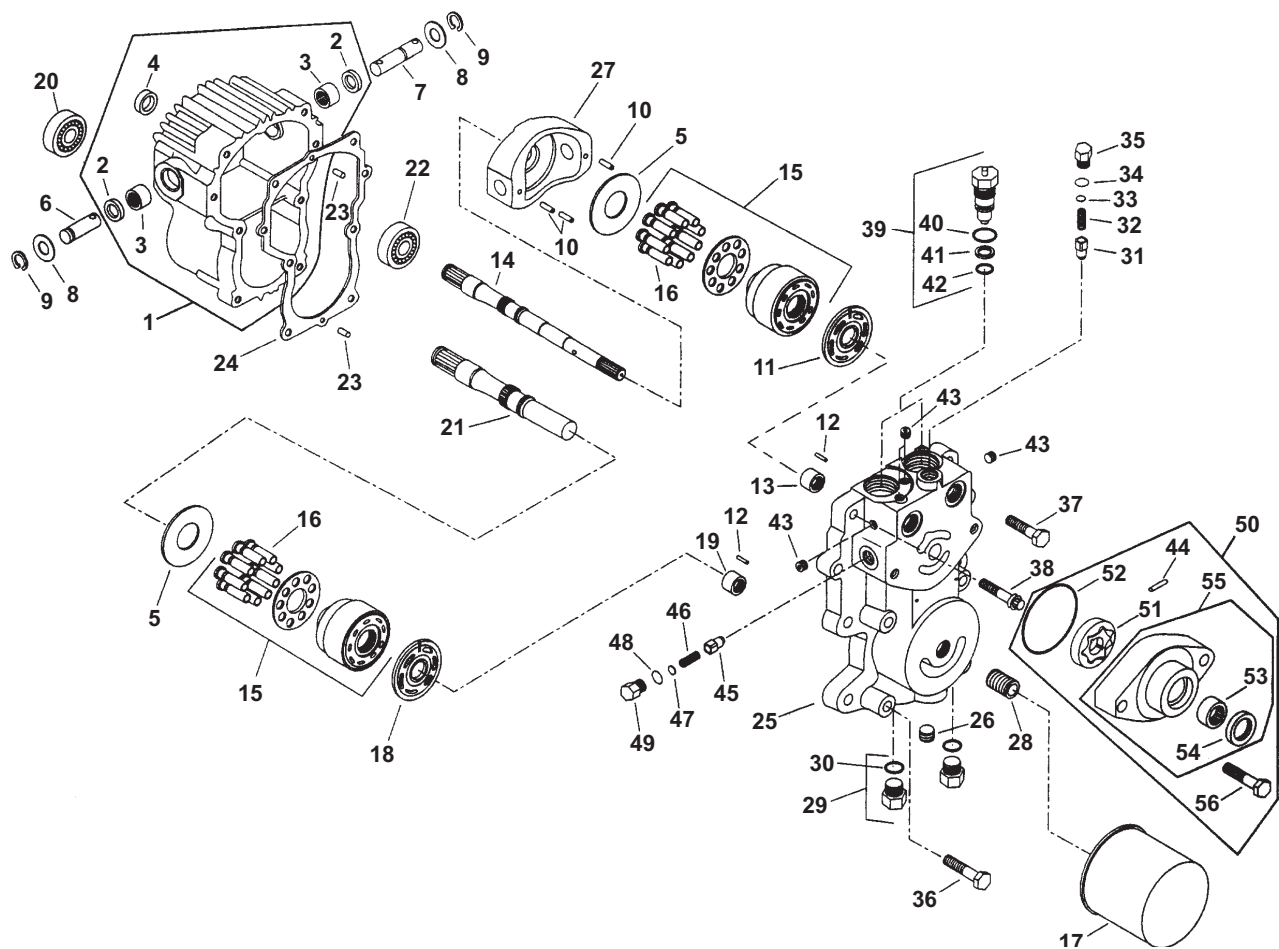


FIGURE 5

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	21-3103345	HOUSING (INCLUDES ITEMS 2-4)	1	45	21-3100053	CHARGE RELIEF CONE	1
2	21-9008000-	6701 LIP SEAL	2	46	21-3101536	CHARGE RELIEF SPRING	1
3	21-3103343	BEARING	2	47	21-9510447	SHIM KIT	1
4	21-5000174	LIP SEAL	1	48	21-9004201-3100	O-RING	1
5	21-3102020	THRUST PLATE	2	49	21-3100055	PLUG	1
6	21-3101045	TRUNNION SHAFT	1	50	21-9510405-0005	CHARGE PUMP KIT (INCLUDES ITEMS 51-56)	1
7	21-3101703	TRUNNION SHAFT	1	51	21-3103107	GEROTOR ASSEMBLY	1
8	21-9009625-6904	WASHER	2	52	21-9004100-0360	O-RING	1
9	21-9006320-0069	RETAINING RING	2	53	21-9001355-0005	NEEDLE BEARING	1
10	21-9004690-1910	SPRING PIN	3	54	21-9008000-0100	LIP SEAL	1
11	21-3103521	VALVE PLATE	1	55	21-9510497-0004	KIT-CHARGE PUMP (INCLUDES ITEMS 53 & 54)	1
12	21-9004800-1508	PIN	2	56	21-9007200-4428	HEX HEAD SCREW	2
13	21-9001355	ROLLER BEARING	1	57	*71-009	TOOL-SPRING COMPRESS (USED TO SERVICE ITEM 15)	1
14	21-3103304	PUMP SHAFT	1	* NOT ILLUSTRATED			
15	21-3103136	CYLINDER BLOCK KIT	2				
16	21-9510621	PISTON ASSEMBLY	18				
17	21-077	FILTER	1				
18	21-3102687	VALVE PLATE	1				
19	21-9001355-0005	ROLLER BEARING	1				
20	21-9001310-0008	ROLLER BEARING	1				
21	21-3103522	MOTOR SHAFT	1				
22	21-9001310-0001	BALL BEARING	1				
23	21-9004800-2506	PIN	2				
24	21-3102875	GASKET	1				
25	21-3103179	CENTER SECTION	1				
26	21-9005215-6200	PLUG	1				
27	21-3102029	SWASHPLATE	1				
28	21-3101069	FILTER UNION	1				
29	21-9005100-7500	PLUG (INCLUDES ITEM 30)	2				
30	21-9004201-5000	O-RING	2				
31	21-3100053	IMPLEMENT RELIEF CONE	1				
32	21-3102301	IMPLEMENT REL SPRING	1				
33	21-9510447	SHIM KIT	1				
34	21-9004201-3100	O-RING	1				
35	21-3100055	PLUG	1				
36	21-9007200-3728	HEX HEAD SCREW	4				
37	21-9007200-3724	HEX HEAD SCREW	2				
38	21-9007500-3722	12 POINT SCREW	2				
39	21-3103132	CHECK VALVE ASSEMBLY (INCLUDES ITEMS 40-42)	2				
40	21-9004201-6200	O-RING	2				
41	21-9006110-0160	BACK-UP RING	2				
42	21-9004100-0160	O-RING	2				
43	21-9005001-1200	PIPE PLUG	4				
44	21-9004875-0076	PIN	1				

FIGURE 6

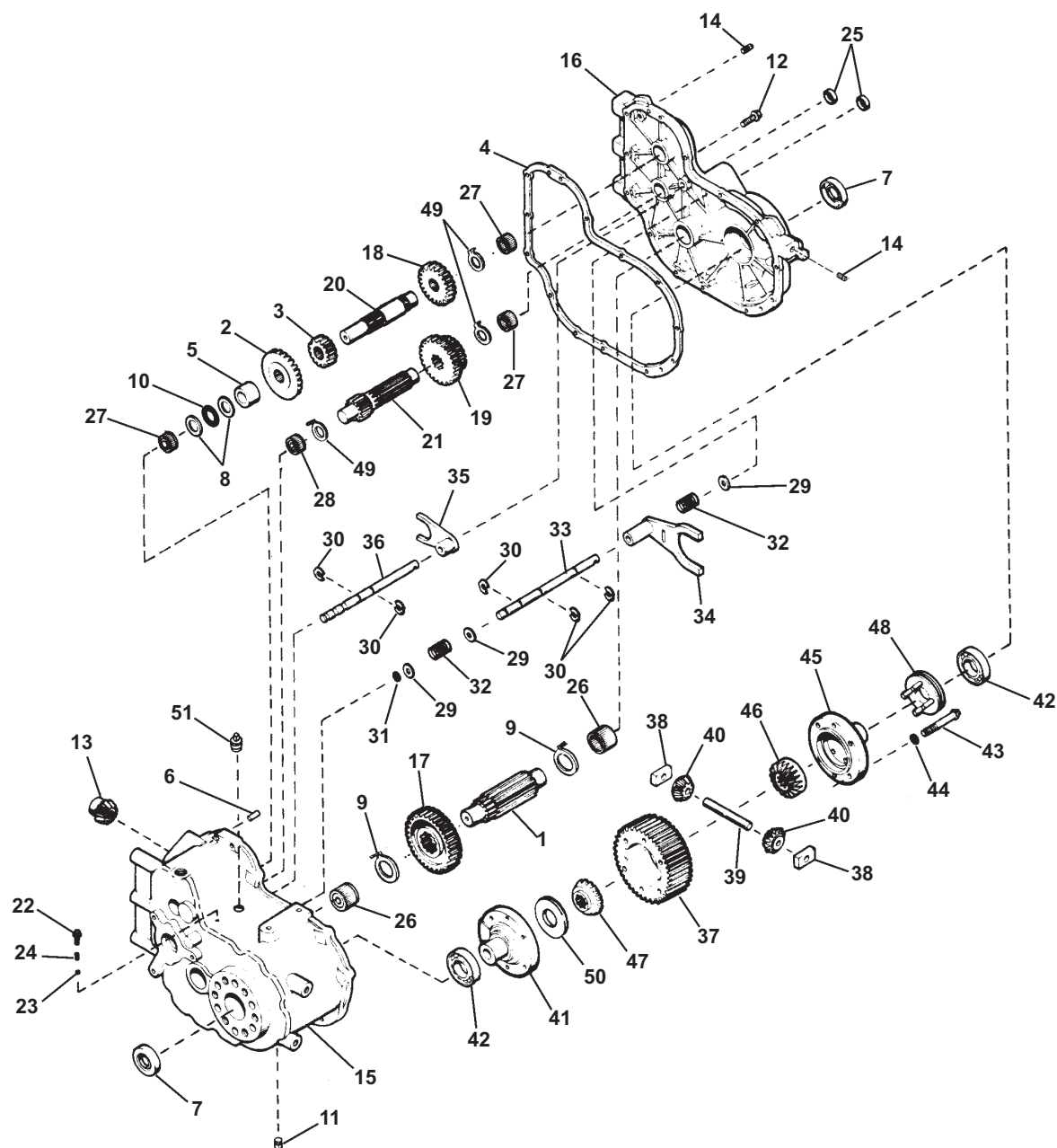


FIGURE 6

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	51-776120A	OUTPUT PINION	1	43	51-792101	BOLT, FLNGD, 3/8X2-3/4	6
2	51-778087	BEVEL GEAR, 30 TEETH	1	44	99-G01	LOCKWASHER, 3/8	6
3	51-778088	SPUR GEAR, 16 TEETH	1	45	51-774487	DIFFERENTIAL CARRIER	1
4	51-788058B	GASKET, CASE & COVER	1	46	51-778159	BEVEL GEAR	1
5	51-786094	SPACER	1	47	51-778158	BEVEL GEAR	1
6	51-786026	PIN, DOWEL	2	48	51-784325A	SHIFT COLLAR ASSEMBLY	1
7	89-006	SEAL, AXLE (788049)	2	49	51-780157	THRUST WASHER, TABBED	3
8	51-780045	THRUST WASHER	2	50	51-780130	THRUST WASHER	1
9	51-780156	THRUST WASHER, TABBED	2	51	29-049	PIPE PLUG, 3/8	1
10	51-780012	THRUST BEARING	1				
11	51-792019	MAGNETIC DRAIN PLUG	1				
12	51-792067	SCREW, 5/16 X 1"	13				
13	51-023	BEVEL PINION (778155)	1				
14	29-061	PIPE PLUG, 1/8	2				
15	51-770073A	TRANSAXLE CASE ASSY (INCLUDES ITEMS 22, 26, 27, 28 & 51)	1				
16	51-772086	TRANSAXLE COVER ASSY (INCLUDES ITEMS 26 & 27)	1				
17	51-778098	OUTPUT GEAR, 37 TEETH	1				
18	51-778096	SPUR GEAR, 23 TEETH	1				
19	51-778097	CLUSTER GEAR, 20 & 27 T	1				
20	51-776209A	COUNTER SHAFT	1				
21	51-776212	SHIFTER SHAFT AND GEAR	1				
22	51-792100	BOLT, HEX FLNGD 1/4X5/8	1				
23	51-792004	DETENT BALL	1				
24	51-792003	DETENT SPRING	1				
25	89-007	SEAL, SHIFTER SHAFT	2				
26	51-780099	NEEDLE BEARING	2				
27	51-780100	NEEDLE BEARING	3				
28	51-780126	NEEDLE BEARING	1				
29	51-780070	THRUST WASHER	3				
30	51-792064	SNAP RING	5				
31	51-792099	SNAP RING	1				
32	51-792102	COMPRESSION SPRING	2				
33	51-784327A	DIFF LOCK SHIFT ROD	1				
34	51-784328	SHIFTER FORK	1				
35	51-784195	SHIFTER FORK	1				
36	51-784326A	HI-LOW SHIFT ROD	1				
37	51-778156	RING GEAR	1				
38	51-786098	DRIVE BLOCK	2				
39	51-786096	DRIVE PIN	1				
40	51-778157	BEVEL PINION	2				
41	51-774486A	DIFFERENTIAL CARRIER (INCLUDES ITEM 51)	1				
42	51-780125	BALL BEARING	2				

FIGURE 7

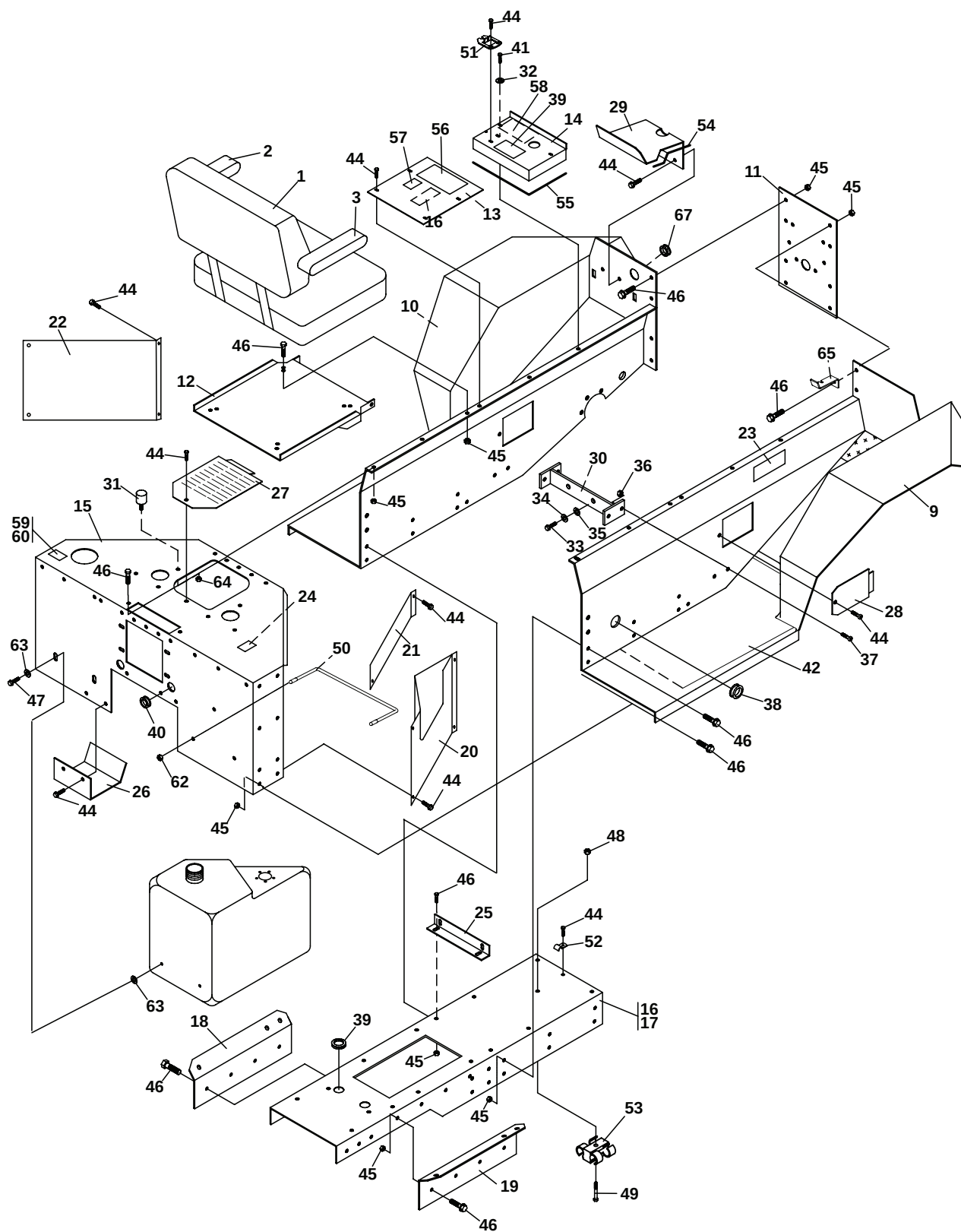


FIGURE 7

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	47-151	SEAT, XR-210 W/ LOGO	1	49	01-014	SCREW MACHINE 8-32 X 1	1
2	198059	ARMREST, LH	1	50	4165276	BATTERY HOLD DOWN	1
3	198066	ARMREST, RH	1	51	4165280.7	SPEED SELECTOR STOP	1
4 *	64139-13	BLT-WLF 5/16-18X1/2	6	52	48228A	WIRECLIP	1
5 *	99-C0404	BOLT, SELF TAP 1/4-20X1/2	2	53	4134161	TUBE AND HOSE CLAMP	1
6 *	198063	ADJUSTER, LATCHING	1	54	56-027	TRIM, TRIM-LOC, 6-1/4"	1
7 *	198062	ADJUSTER, SLAVE	1	55	56-027	TRIM, TRIM-LOC, 21-3/4"	1
8 *	75-70420	SEAT, MICH.SUSPENSION	1	56	00-200	DECAL-DO NOT TOW	1
	(ITEM 8 IS AN OPTIONAL SEAT)			57	4116761	DECAL-MADE IN THE U.S.A.	1
9	4165349	RIGHT MAIN FRAME	1	58	00-060	DECAL-FILL, TRC FLUID	1
10	4165350	LEFT MAIN FRAME	1	59	00-106	DECAL-GAS SYMBOL	1
11	4164982.7	FRONT BEARING PLATE	1	60	00-076	DECAL-DIESEL SYMBOL	1
12	4165041.7	SEAT MOUNTING PLATE	1	61 *	44-096	RUBBER STRIP, TANK	1
13	4165351	SHIELD, PUMP COVER, R	1	62	64268-02	NUT-FL NYLOCK 5/16-18	2
14	4165352	SHIELD, PUMP ACCESS, F	1	63	64163-55	WSHR .328X.75X14 GA	4
15	4165353	MID PANEL	1	64	64141-6	NUT-WLF 5/16-18	2
16	62-839.7	REAR FRAME	1	65	64-307.7	BRKT-ACCUMULATOR	1
17	4165363	LABEL-HYDRO PRESSURE	1	66	108094-07	CLAMP-HOSE SAEA	2
18	14-101.7	MOUNT, LOWER ENG LH	1	67	05-033	GROMMET	1
19	14-102.7	MOUNT, LOWER ENG RH	1				
20	62-535.17	TOOL BOX	1				
21	4165215.17	BATTERY ACCESS PANEL	1				
22	60-458.17	SHIELD, TANK COVER	1				
23	00-260	LABEL-FWD/REV	1				
24	00-377	LABEL-NEUTRAL LOCK	1				
25	64-313.7	MID PANEL ANGLE	1				
26	60-457.7	SHIELD, GAS VALVE	1				
27	60-538.7	SHIELD, MID-PANEL SEAT	1				
28	60-619.7	COVER, ACCESS PANEL	2				
29	60-676.7	SHIELD, HYD TUBE COVER	1				
30	62-528.7	TRANSAXLE SUPPORT	1				
31	05-019	BUMPER	2				
32	64163-03	WSHR-.256X.62OD X 18 GA.	2				
33	6423-39	BOLT-HEX 1/2-13X1-1/4	2				
34	64006-05	LCKWSHR-HELICAL 1/2	2				
35	64163-67	WASHER-.516X1X12GA	2				
36	64141-4	NUT-WLF 3/8-16	4				
37	64139-24	BOLT, FLANGED 3/8-16X1	4				
38	05-034	GROMMET, 1-1/2"X2"	1				
39	4165283	LABEL-RANGE SEL.	1				
40	05-039	GROMMET, 1-5/16"X2"	2				
41	64123-113	BLT-HEX 1/4-20X2-1/4	2				
42	4165040	MAT-FLOOR RH	1				
43*	4165039	MAT-FLOOR LH	1				
44	64139-04	BOLT-WLF 1/4-20X3/4	24				
45	64141-4	NUT-WLF 3/8-16	40				
46	64139-21	BLT-WLF 3/8-16X3/4	40				
47	64139-08	BOLT-5/16-18X3/4 WLF	2				
48	64025-29	NUT	1				

* NOT ILLUSTRATED

FIGURE 8

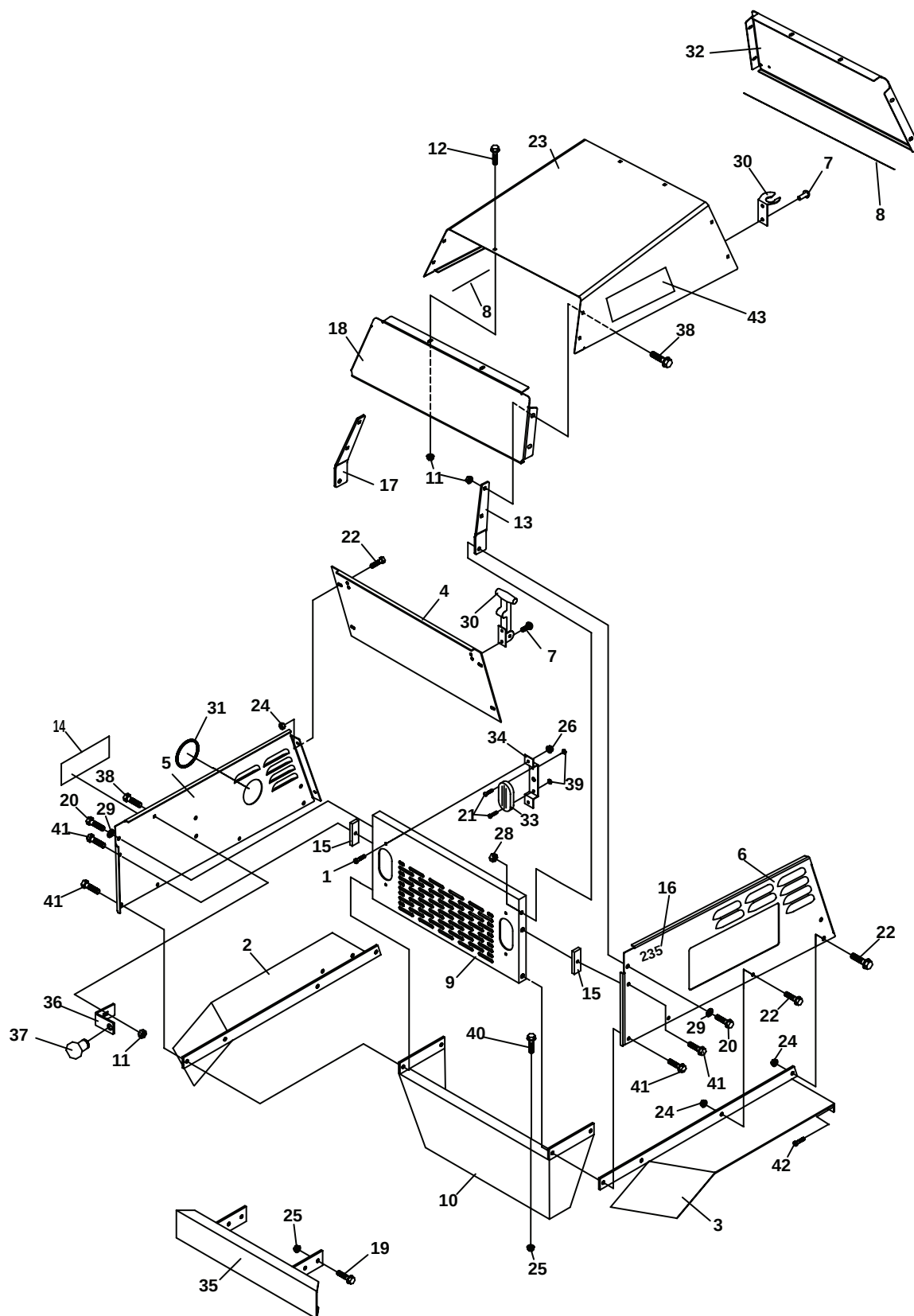


FIGURE 8

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	64139-02	BLT-WLF 1/4-20X1/2	4				
2	60-655.17	SIDE FENDER LH	1				
3	64-883.17	SIDE FENDER RH	1				
4	64-880.7	PANEL, FRONT	1				
5	4165354	SIDE PANEL LH	1				
6	4165468	SIDE PANEL RH	1				
7	01-004	RIVET	8				
8	108194-06	CHANNEL-FLEXTRIM 25.5"	3				
9	64-881.7	PANEL, REAR	1				
10	4165187.17	PANEL, LOWER REAR	1				
11	64268-01	NUT-FL NYN LCK 1/4-20	14				
12	64018-20	BLT-CRG 1/4-20X1.2	8				
13	4165225.7	BRKT-HOOD PIVOT, RH	1				
14	00-313	LABEL-AIR CLEANER	1				
15	64-920.7	SPACER, REAR PANEL	2				
16	4165200	LABEL-235	2				
17	4165224.7	BRKT-HOOD PIVOT, LH	1				
18	4165203.17	PANEL-HOOD, REAR	1				
19	64139-18	BLT-WLF 3/8-16X1-1/4	4				
20	64123-16	BLT-HEX 3/8-16X1-1/4	2				
21	64152-20	BOLT-WLF 8-32X1/2	4				
22	64139-08	BOLT-WLF 5/16-18X3/4	10				
23	4165355	HOOD-TOP	1				
24	64141-6	NUT, 5/16-18	8				
25	64141-4	NUT-WLF 3/8-16	6				
26	64141-2	NUT-WLF 1/4-20	4				
27	64025-14	NUT-HEX #10-32	6				
28	64229-03	JNUT-NYLOCK 3/8-16	2				
29	64163-61	WASHER .81X.406X16GA	2				
30	47-030	RUBBER LATCH ASSY	2				
31	56-043-9	TRIM, TRIM-LOCK, 9"	1				
32	4165202.17	S-PANEL FRONT HOOD	1				
33	33-034	TAIL LIGHT-TWO BULB	2				
34	64-882.7	BRKT-REAR LIGHT MNT	2				
35	4165133.7	BUMPER	1				
36	4165223.7	BRKT-BUMPER MOUNT	2				
37	810149	BUMPER-RUBBER	2				
38	64018-2	BLT-CRG 1/4-20X3/4	6				
39	64025-29	NUT-HEX #8-32 KEPS	4				
40	64139-21	BLT-WLF 5/8-16X3/4	2				
41	99-K02	BLT-FLG 5/16-18X1	4				
42	64139-04	BLT-WLF 1/4-20X3/4	4				
43	4158620	LABEL-STEINER	2				
44	4165532	KIT-ASSY HOOD STEEL	1				
(INCLUDES ITEMS 11-13, 17-18, 22-23, 38 & 43)							

* NOT ILLUSTRATED

FIGURE 9

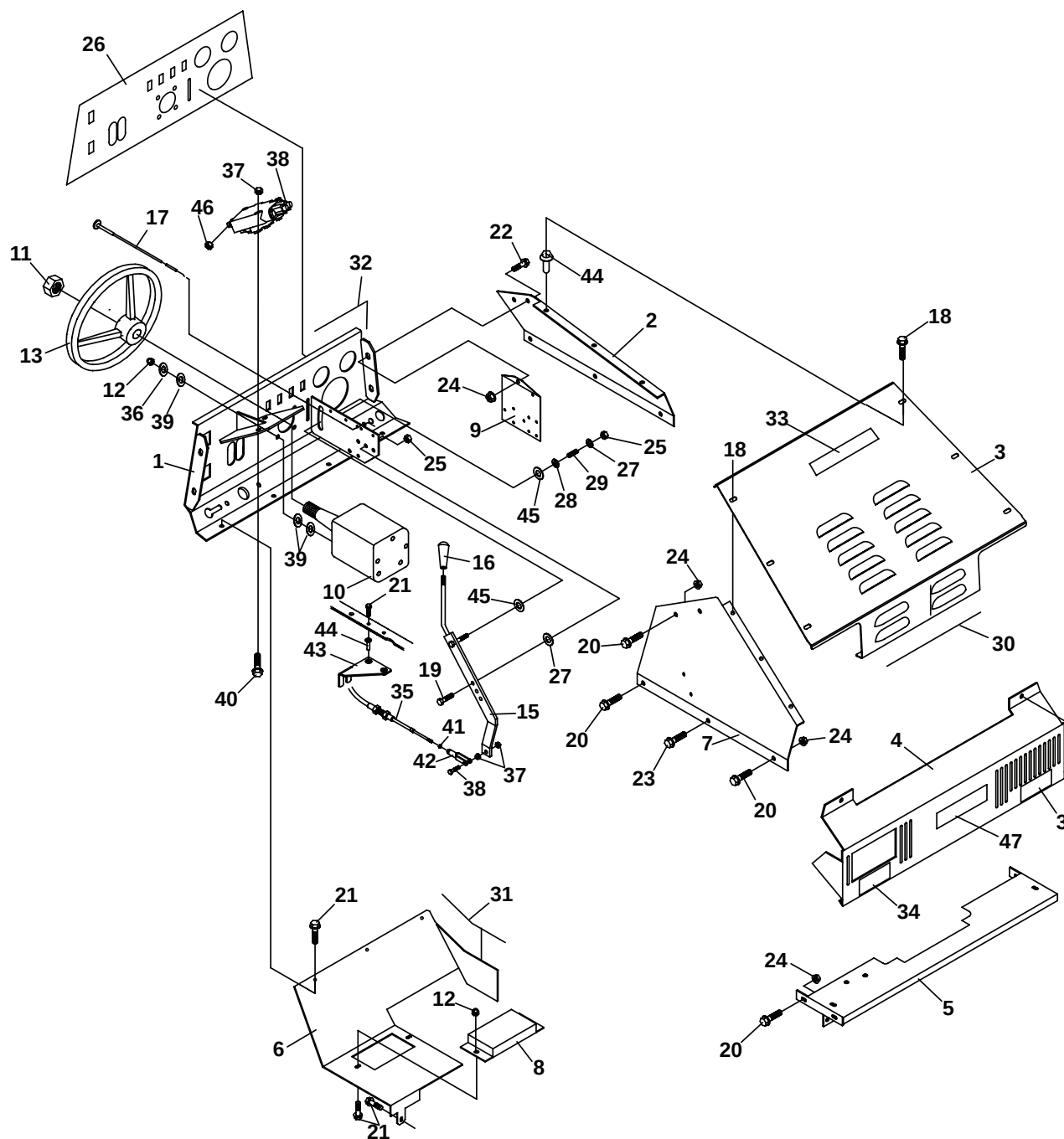


FIGURE 9

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4165356	DASH ASSEMBLY	1				
2	60-658.17	SIDE, DASH MOUNT LH	1				
3	4165357	HOOD, FRONT	1				
4	4165458	PANEL, FRONT	1				
5	4164988.7	SUPPORT, PANEL	1				
6	60-664.7	SHIELD, UNDER DASH	1				
7	60-677.17	SIDE, DASH MOUNT RH	1				
8	64-942.7	DOGHOUSE, SHIELD	1				
9	64-922.7	PLATE, CIRCUIT MNT	2				
10	23-056	STEERING VALVE, 5 PORT	1				
11	64001-1	NUT-HEX JAM, 5/8-18	1				
12	64276-01	NUT-ACORN, 5/16-24	4				
13	47-103	STEERING WHEEL	1				
14 *	47-104	CAP, STEERING WHEEL	1				
15	40-328.7	THROTTLE LEVER	1				
16	47-114	KNOB, TAPERED	1				
17	47-080	CABLE, PARKING BRAKE	1				
18	64139-08	BOLT-WLF 5/16-18X3/4	6				
19	64123-68	BOLT-HEX 5/16-18X1	1				
20	64139-21	BOLT-WLF 3/8-16X3/4	13				
21	64139-04	BOLT-WLF 1/4-20X3/4	12				
22	64139-24	BOLT-WLF 3/8-16X1	4				
23	99-K58	BOLT-BTTN HD, 3/8-16X3/4	1				
24	64141-4	NUT-WLF 3/8-16	14				
25	64229-02	LOCKNUT-NYLON 5/16-18	2				
26	4165172	DECAL, 235 DASH	1				
27	64163-55	WASHER, 25/64X5/8X16GA	2				
28	64-799	WASHER, 13/32X1-9/32	1				
29	41-039	SPRING, COMPRESSION	1				
30	56-027	TRIM, TRIM-LOC, 12-1/4"	1				
31	56-027	TRIM, TRIM-LOC, 7-1/2"	1				
32	56-046	TRIM, TRIM-LOC, 54"	1				
33	4158620	LABEL-STEINER	1				
34	00-025	DECAL-KEEP HANDS AWAY	2				
35	4137515	THROTTLE CABLE	1				
36	64006-02	LOCKWWASHER-5/16	4				
37	64141-2	NUT-WLF 1/4-20	2				
38	64123-07	BOLT-HEX 1/4-20X1-1/2	1				
39	64251-003	WASHER-M8	12				
40	64123-60	BLT-HEX 1/4-20X2	2				
41	01-013	NUT-#10-32	1				
42	43-Y0304F	YOKE END, 10-32X1/4 PIN	1				
43	6126005.7	MOUNT, THROTTLE CABLE	1				
44	04-009	INSERT-1/4-20	12				
45	05-028	WASHER-FRICTION	2				
46	99-E52	NUT-JAM 5/16-18	2				
47	4165201	LABEL-TRACTION MAX	1				

* NOT ILLUSTRATED

FIGURE 10

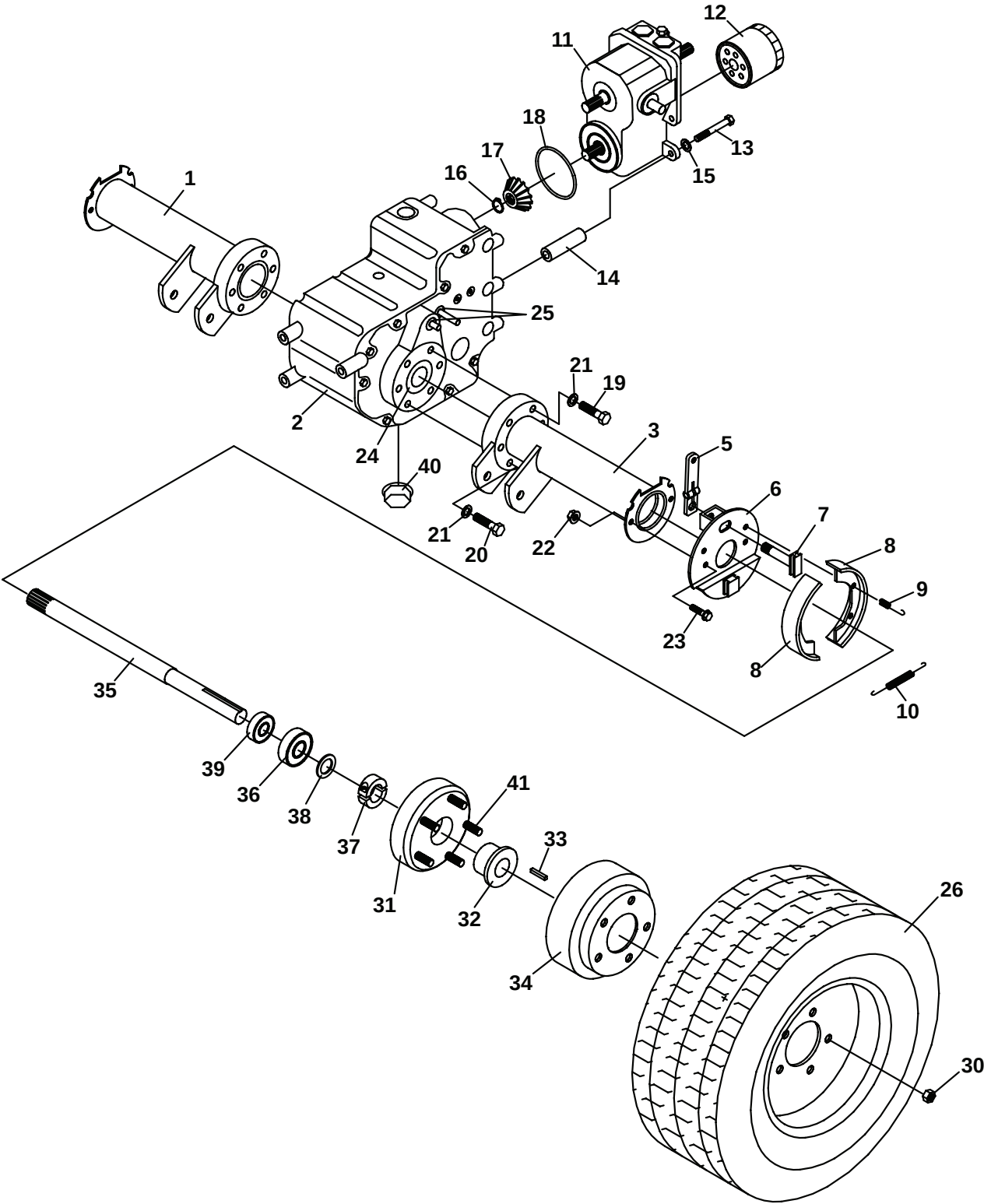


FIGURE 10

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4165038.7	TUBE, TRANSAXLE RH	1	35	4133671	AXLE, 230 DRIVE	2
2	51-022	TRANSAXLE, W/DIFF LOCK	1	36	4133672	BEARING, AXLE 230	2
3	4165037.7	TUBE, TRANSAXLE LH	1	37	4133682	COLLAR, SET - 230 AXLE	2
4 *	53-114	BRAKE ASSY (INCLUDES ITEMS 5-10)	2	38	4133681	SPACER, AXLE COLLAR	2
5	53-KN35488	LEVER-COMPLETE	1	39	4133683	SEAL, 230 DRIVE AXLE	2
6	53-KN25764	BACKING PLATE	1	40	69051-06	PLUG-PIPE 3/8 INT	1
7	53-KN35045	CAM	1	41	64123-272	BLT-1/2-20X2-1/2	10
8	53-KN34969-02.07	SHOE ASSEMBLY	2	*NOT ILLUSTRATED			
9	53-KN45434	SPRING-HOLD DOWN	2				
10	53-KN45433	SPRING-RETURN	1				
11	21-076	PUMP, SUNDSTRAND	1				
12	21-077	FILTER-PUMP	1				
13	64123-139	BOLT-HEX 3/8-16X4	4				
14	64-309	SPACER, KYB PUMP	4				
15	64006-03	WSHR, 3/8 HELICAL LOCK	4				
16	64144-01	SNAP RING, 5/8	1				
17	51-023	PINION GEAR	1				
18	26-003	O-RING FOR PUMP	1				
19	64123-72	BLT-HEX 1/2-13X2-1/2 (ITEM 19 USED ON UPPER 3 HOLES)	6				
20	64123-259	BLT-HEX 1/2-13X2-1/4 (ITEM 20 USED ON LOWER 3 HOLES)	6				
21	64006-05	WSHR, 1/2 HELICAL LOCK	12				
22	64141-4	NUT-WLF 3/8-16	4				
23	64139-21	BLT-WLF 3/8-16X3/4	4				
24	89-006	SEAL-AXLE	2				
25	89-007	SEAL-SHIFT ROD	2				
26	4165109	WHEEL ASSY 24x11x12 (INCLUDES ITEMS 27 & 28)	2				
27 *	4165109-01	RIM-12X8.5	1				
28 *	4165109-02	TIRE-24X11-12/6	1				
29 *	75-70465	WEIGHTS-WHEEL (2)	1				
30	64187-03	WHEEL NUT 1/2-20	10				
31	53-059	HUB, 5-BOLT, 1/2" HOLES (INCLUDES QTY 5 OF ITEM 20)	2				
32	4133678	BUSHING, AXLE HUB - 230	2				
33	85-K0510	KEY, 5/16 X 1-1/4	2				
34	50-096	BRAKE DRUM	2				

FIGURE 11

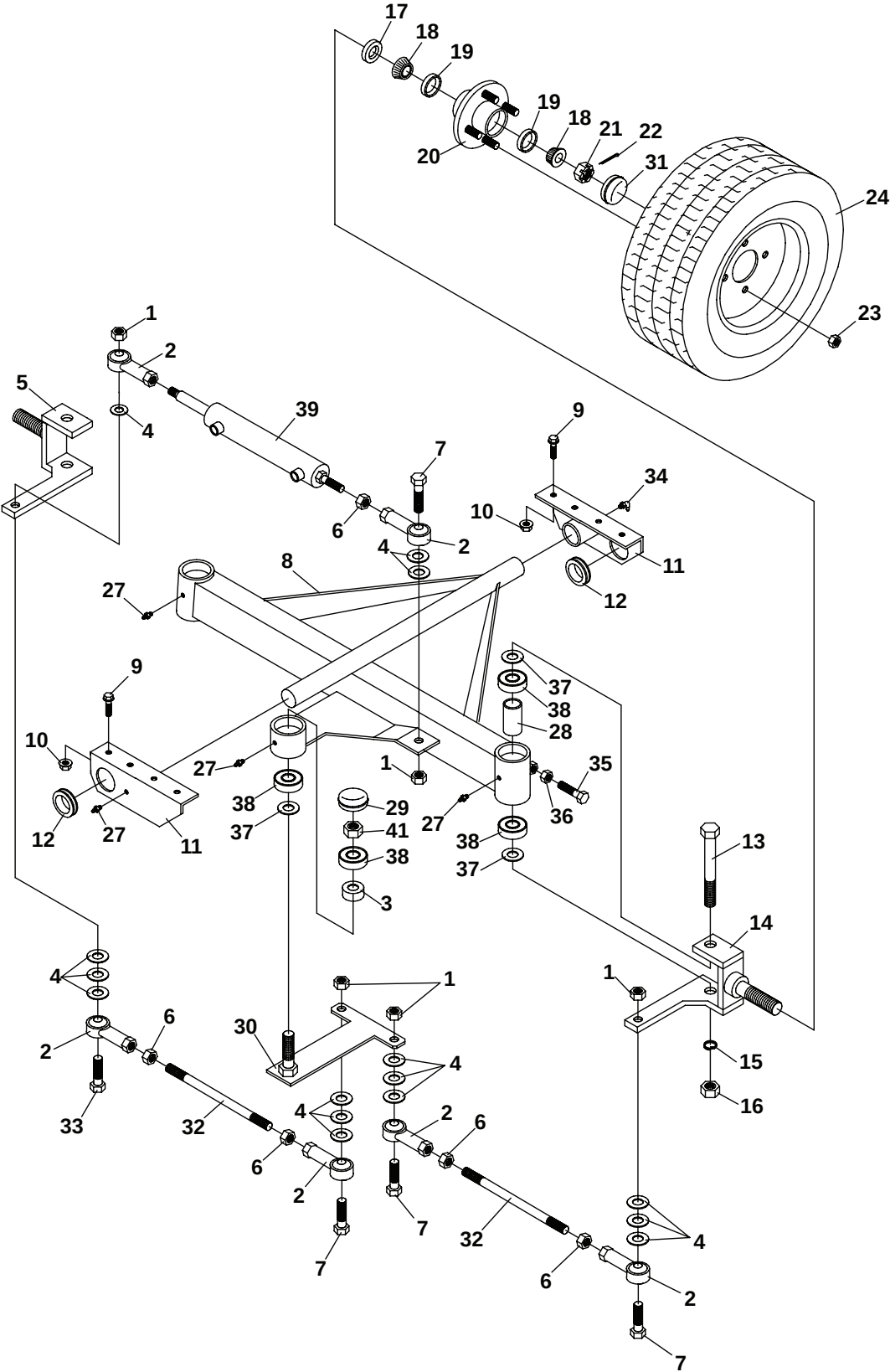


FIGURE 11

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	64151-28	NUT-HEX 5/8-18 CNTRLCK	5				
2	4132296	ROD END - 5/8	6				
3	4165469	SPACER-.67X1.25X.188	1				
4	64163-16	WASHER-41/64x1-3/8x12GA	15				
5	50-045.7	SPINDLE-STEERING LEFT	1				
6	64001-1	NUT-HEX JAM,5/8-18	5				
7	64123-137	BOLT-HEX 5/8-18X2	4				
8	4165227.7	AXLE-REAR STEERING	1				
9	64139-24	BOLT, FLANGE 3/8-16X1	8				
10	64141-4	NUT-WLF 3/8-16	8				
11	4165020.7	PLATE-AXLE ANCHOR	2				
12	05-034	GROMMET	1				
13	64123-275	BOLT-HEX 3/4-16X5-1/2	2				
14	50-046.7	SPINDLE-STEERING RIGHT	1				
15	64006-11	LOCKWASHER, 3/4	2				
16	64025-06	NUT-HEX 3/4-16 2A	2				
17	89-010	OIL SEAL	2				
18	48043-04C	BEARING, TAPER SINGLE	4				
19	48043-03C	BEARING, CUP	4				
20	50-086.7	HUB, 4-BOLT, REAR AXLE	2				
21	99-E19	CASTLE NUT, 1-14 NF	2				
22	64140-5	COTTER PIN, 1/8X1-1/2	2				
23	64187-03	WHEEL NUT 1/2-20	8				
24	53-065	WHEEL ASSY, 18X8.50X8	2				
		(INCLUDES ITEMS 25 & 26)					
25 *	53-054	TIRE, 18X8.50X8, RIBBED	1				
26 *	53-055	RIM, 8X7, WHITE	1				
27	85010N	GREASE FITTING, 1/4-28	4				
28	64-302	SPACER-KINGPIN BEARING	2				
29	53-060	CAP-DUST	1				
30	4165001.7	CENTER PIVOT-STEERING	1				
31	53-068	HUB CAP	2				
32	42-319	TIE ROD	2				
33	64123-133	BOLT-HEX 5/8-18X3	1				
34	35027N	GREASE FITTING, 1/4-28 90	1				
35	64123-109	BOLT-HEX 5/8-11X1-1/2	2				
36	99-E06	JAM NUT, 5/8-11 NC	2				
37	64163-06	WASHER, .768X1.25X14G	5				
38	55-Z9504AB	BALL BEARING	6				
39	4132321	STEERING CYLINDER, 2X4	1				
40 *	21-0A002813	KIT-SEAL, CYLINDER	1				
41	99-AC12NF	NUT-3/4-16 CL	1				

* NOT ILLUSTRATED

FIGURE 12

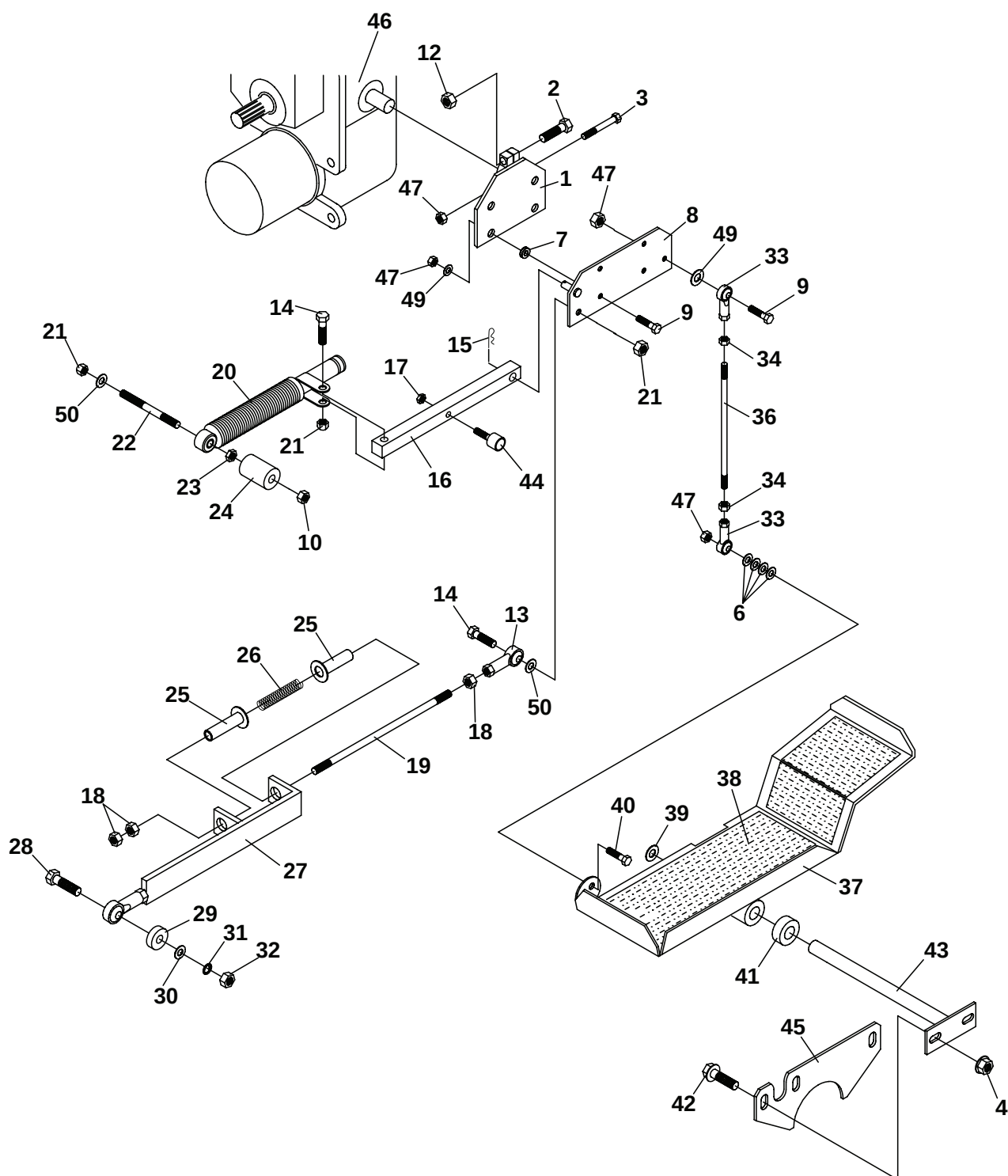


FIGURE 12

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4164985.7	LEVER-PUMP SHAFT CLMP	1	41	43067A	SET COLLAR	1
2	64123-67	BOLT-HEX 3/8-16X2	1	42	64139-24	BOLT, FLANGE 3/8-16X1	2
3	64123-60	BOLT-HEX 1/4-20X2	1	43	42-315	PIN, FWD-REV PEDAL	1
4	64141-4	NUT-WLF 3/8-16	2	44	55-116	BEARING, .25 STUDX.625	1
5	64025-01	NUT-HEX 1/4-20	11	45	64-864.7	SUPPORT, AXLE	1
6	64163-86	WASHER .265X.625X.125	4	46	21-076	PUMP, SUNDSTRAND	1
7	05-025	GROMMET, 1/4 IDX5/8 OD	4	47	64229-01	NUT-NYLN LCK 1/4-20	6
8	40-203.7	LEVER, PUMP CONTROL	1	48	64268-03	NUT-FL NYLN LCK 3/8-16	1
9	64123-114	BOLT-HEX 1/4-20X1	5	49	64163-03	WSHR .256IDX.62ODX18GA.	5
10	64268-02	NUT-FL NYLN LCK 5/16-18	2	50	64163-55	WSHR .328X.75X14 GA	1
11	64006-02	LCKWSHR-HELICAL 5/16	2				
12	64229-03	NUT-NYLON LOCK 3/8-16	1				
13	43-005A	ROD END, 5/16"	1				
14	64123-47	BLT-HEX 5/16-18X1-1/4	2				
15	02-PP0313	PIN, 3/16 x 1.5/8	1				
16	4165565.7	SHOCK MOUNT	1				
17	64001-14	NUT-HEX JAM, 1/4-28	1				
18	64025-03	NUT-HEX 5/16-24	3				
19	42-317	NEUTRAL LINK	1				
20	47-128	STABILIZER, SHOCK	1				
21	64229-02	LOCKNUT-NYLON 5/16-18	2				
22	64-1009	SHOCK MOUNT	1				
23	99-E52	JAM NUT, 5/16-18 NC	1				
24	64-1010.7	SPACER	1				
25	42-465	SLIDE, NEUTRAL LOCATOR	2				
26	41-067	SPRING, 6-3/4X.568X.071	1				
27	4164958.7	LOCATOR, NEUTRAL	1				
28	64123-70	BOLT-HEX 3/8-16X1-1/2	1				
29	64163-46	WSHR.383/.393X.88X7GA	1				
30	64163-61	WASHER .81X.406X16GA	2				
31	64006-03	LCKWSHR-HELICAL 3/8	2				
32	64025-05	NUT-HEX 3/8-16	2				
33	43-004A	ROD END, 1/4"	2				
34	64025-23	NUT-HEX 1/4-28	2				
35	64006-01	LOCKWASHER-1/4 HELICAL	3				
36	42-495	ROD, JACKSHAFT	1				
37	4165358	S-PEDAL, FWD-REV W/ MAT	1				
38	56-040-01	FLEXTREAD, 4"X18"	1				
39	64163-36	WASHER-.516X1X12GA	1				
40	64123-07	BOLT-HEX 1/4-20X1-1/2	1				

*NOT ILLUSTRATED

FIGURE 13

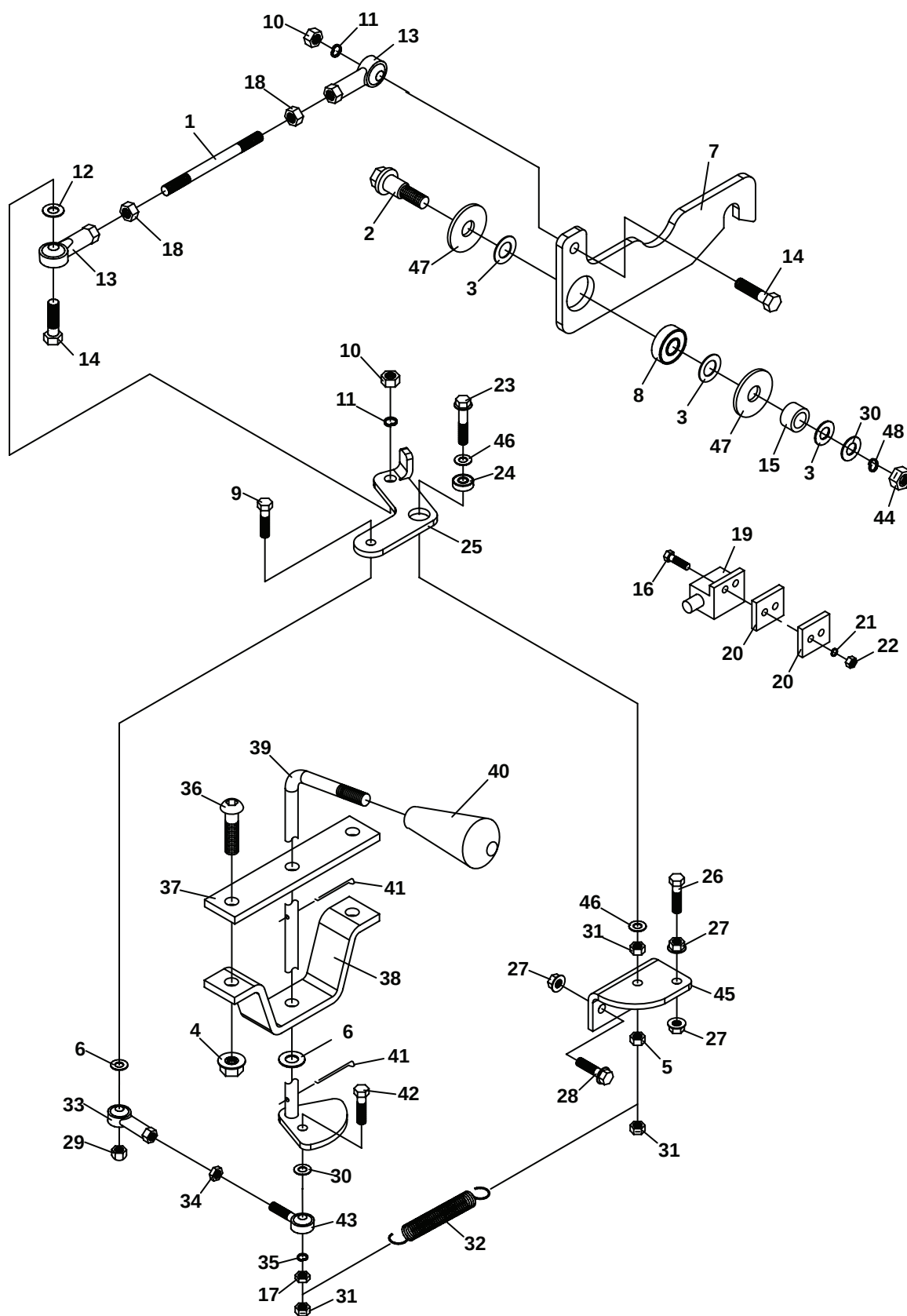


FIGURE 13

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	64-1017	CONNECTING LINK	1				
2	64166-5	BOLT-1/2X1 3/8-16 SHLD	1				
3	64163-102	WSHR-MACH 1/2X7/8X.045	3				
4	64141-4	NUT-WLF 3/8-16	2				
5	64025-01	NUT-HEX 1/4-20	1				
6	64163-86	WASHER .265X.625X.125	2				
7	64-1019.7	LATCH	1				
8	B2010	BEARING, BALL 1/2"ID	1				
9	64123-114	BOLT-HEX 1/4-20X1	1				
10	64025-02	NUT-HEX 5/16-18	2				
11	64006-02	LCKWSHR-HELICAL 5/16	2				
12	64163-55	WSHR -328X.75X14 GA	1				
13	43-005A	ROD END, 5/16"	2				
14	64123-47	BLT-HEX 5/16-18X1-1/4	2				
15	64-1018	SPACER	1				
16	01-040	SCREW, MACHINE 10-32X1	2				
17	64001-13	NUT, JAM 1/4-20 UNC	1				
18	64025-03	NUT-HEX 5/16-24	2				
19	38382	SWITCH-N.O.	1				
20	64-1007	SPACER-SWITCH	2				
21	120052	LCKWSHR .194.337.047	2				
22	64025-14	NUT-HEX #10-32	2				
23	64123-120	BLT-HX 1/4-20X1-1/2 THRD	1				
24	55-115	BEARING, .25	1				
25	64-1016.7	PIVOT ARM	1				
26	64123-89	BOLT-HEX 1/4-20X3/4	1				
27	64141-2	NUT-WLF 1/4-20	4				
28	64139-04	BOLT-WLF 1/4-20X3/4	2				
29	64229-01	LOCKNUT-1/4-20 NYLON	1				
30	64163-61	WASHER .81X.406X16GA	2				
31	64151-17	LOCKNUT-HEX 1/4-20	3				
32	41-013	SPRING	1				
33	43-004A	ROD END, 1/4"	1				
34	64025-23	NUT-HEX 1/4-28	1				
35	64006-01	LOCKWASHER-1/4 HELICAL	1				
36	99-17	BOLT-BTTN HD, 3/8-16X1	2				
37	64-1012.7	MOUNT, TOP HANDLE	1				
38	64-1013.7	MOUNT, LOWER HANDLE	1				
39	64-1014.7	PEDAL LOCK HANDLE	1				
40	47-114	KNOB, TAPERED 3/8-16	1				
41	64140-3	COTTER PIN-3/32X3/4	2				
42	64123-80	BLT-HEX 1/4-20X1-1/4	1				
43	43-004MA	ROD END, 1/4"	1				
44	64025-05	NUT-HEX 3/8-16	1				
45	64-1015.7	PIVOT MOUNT	1				
46	453023	FLATWASHER, 1/4	2				
47	99-B63	WASHER, 1/2X1-1/2 OD	2				
48	64006-03	LOCKWSHR-3/8 HELICAL	1				

*NOT ILLUSTRATED

FIGURE 14

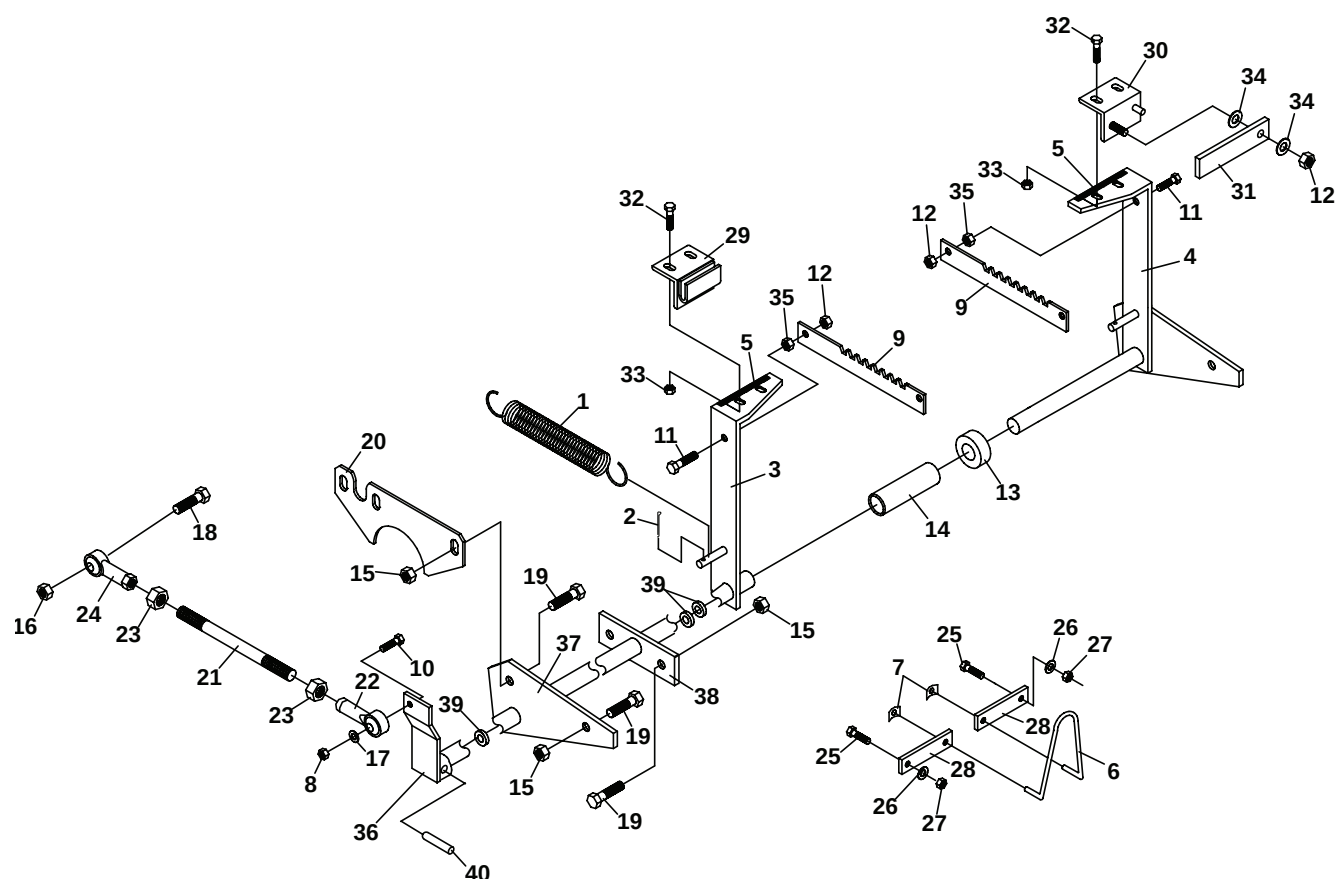


FIGURE 14

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	41-048	SPRING, EXT 1.0 X 4.15	2				
2	02-CP0508	COTTER PIN, 5/32 X 1	2				
3	4164951.7	PEDAL-RIGHT BRAKE	1				
4	40-211.7	PEDAL-LEFT BRAKE	1				
5	44-146	TREAD-BRAKE PEDAL	2				
6	64-820	LINK, BRAKE HOOK UP	1				
7	04-SN03	SPEED NUT, 3/16	2				
8	64229-01	NUT-NYLOCK 1/4-20	2				
9	47-033.7	LEVER, BRAKE LOCK	2				
10	64123-07	BOLT-HEX 1/4-20X1-1/2	2				
11	64123-47	BOLT-HEX 5/16-18X1-1/4	2				
12	64229-02	LOCKNUT-NYLON 5/16-18	3				
13	85-SC12	SET COLLAR	1				
14	64-306.7	SPACER	1				
15	64141-4	NUT-WLF 3/8-16	6				
16	64229-03	NUT-NYLOCK 3/8-16	2				
17	64163-86	FLATWASHER, 1/4	2				
18	64123-70	BLT-HEX 3/8-16X1-1/2	2				
19	64139-24	BOLT, FLANGE 3/8-16X1	2				
20	64-864.7	SUPPORT, AXLE	2				
21	42-485	ROD-BRAKE LINK	2				
22	43-011	ROD END-SPHERICAL 3/8"	2				
23	64025-04	NUT-HEX 3/8-24	4				
24	43-006A	ROD END 3/8"	2				
25	64123-114	BLT-HEX 1/4-20X1	2				
26	64163-86	WSHR-FLAT .265X.625X.12	2				
27	64229-01	NUT-NYLON LOCK 1/4-20	2				
28	64-819.7	STRAP, BRAKE LOCK ENG	2				
29	62-819.7	BRAKE PEDAL LOCK-RIGHT	1				
30	62-820.7	BRAKE PEDAL LOCK-LEFT	1				
31	64-921.7	STRAP, BRAKE PEDAL	1				
32	64139-04	BOLT-WLF 1/4-20X3/4	4				
33	64141-2	NUT-WLF 1/4-20	4				
34	64163-02	WASHER-.328X.608X11GA	2				
35	64025-02	NUT-HEX 5/16-18	2				
36	4164952.7	WLDMT-LEVER BRAKE	1				
37	4165292.7	BRKT-BRAKE SHAFT	1				
38	TRT-305.7	PLATE-PIVOT SHAFT	1				
39	64163-101	WSHR-13/16X1-15/32X.10	3				
40	64061-25	ROLLPIN- 1/4 X 1-1/4	1				

*NOT ILLUSTRATED

FIGURE 15

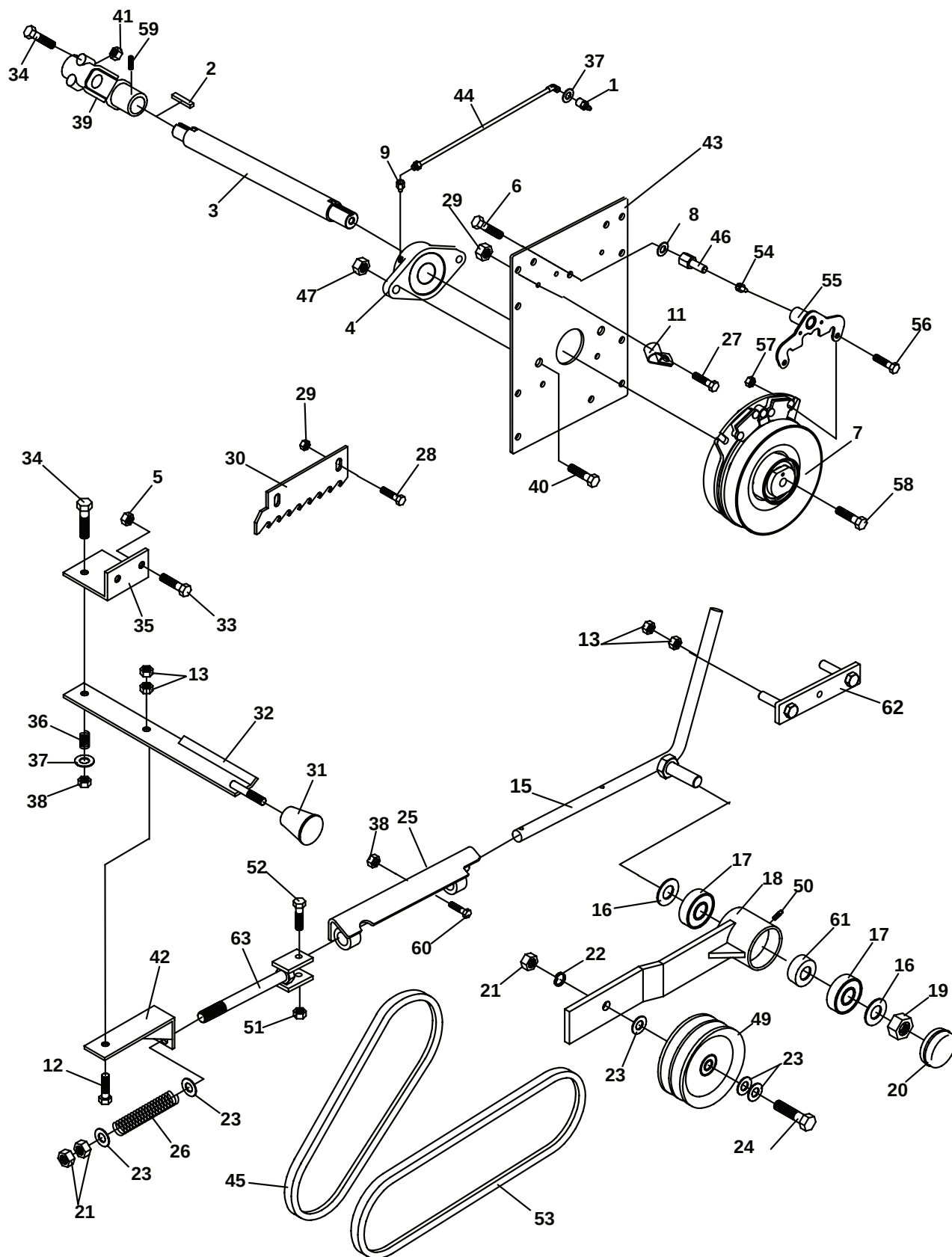


FIGURE 15

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	29-114	FITTING, GREASE 1/8 FPT	1	45	4165347	V BELT 5L-34"	1
2	64164-12	KEY-1/4X1/4X1 SQ END	1	46	4121540	PINCLUTCH ANCHOR	1
3	4164980	PTO SHAFT	1	47	64229-05	NUT-NYLON LOCK 1/2-13	2
4	4164981	FLANGE BEARING	1	48	99-B34	WASHER, 3/4ID, 18GA	2
5	64141-6	NUT-HEX, 5/16-18	2	49	4165359	PULLEY-2 GROOVE IDLER	1
6	64123-15	BLT-3/8-16X3/4	1	50	85010N	ZERK-1/4-28	1
7	4164976	CLUTCH-ELECTRIC	1	51	64229-01	NUT-NYLOCK 1/4-20	1
8	64163-31	WSHR- 25/64X1X12	1	52	64123-07	BLT-HEX 1/4-20X1-1/2	1
9	4165164	ADP-1/4-28 MPTX1/8NPTF	1	53	81-B041	BELT-B41	1
10	64-692	WASHER	1	54	38304-03	BEARING-FLANGED	1
11	G8062	CLAMP-HALF 3/8 INSUL.	3	55	2721338.7	WLDMT-CLUTCH STOP	1
12	64139-18	BLT-WLF 3/8-16X1-1/4	1	56	64123-54	BLT-HEX 5/16-18X3/4	2
13	64025-05	NUT-HEX 3/8-16	6	57	64268-02	NUT-FL NYL LCK 5/16-18	2
14 *	87-159	KIT-CROSS	1	58	64123-260	BLT-HEX 7/16-20X2-1/4	1
15	40-325.7	SLIDE, FRONT IDLER	1	59	85-SS14	SET SCREW-3/8-16X3/8	1
16	64163-06	WASHER .756X1.25X14G	2	60	64123-50	BLT-HEX 3/8-16X1	2
17	55-Z9504AB	BALL BEARING	2	61	4165469	SPACER-.76X1.25X.188	1
18	4164996.7	IDLER ARM, FRONT	1	62	64-421.7	CLIP, FRONT SLIDER	1
19	99-AC12NF	LOCKNUT, 3/4 NF	1	63	42-434.7	SPRING TENSIONER	1
20	53-060	DUST CAP	1	64*	55-6204	BEARING-SEALED BALL	2
21	64025-09	HEX, NUT 1/2-13	3	65*	4165362		
22	64006-05	LOCKWASHER, 1/2	1				
23	64163-67	WASHER .516X1X12GA	3				
24	90-0828	BOLT-HEX 1/2-13X3-1/2	1				
25	4165167.7	FRAME, FRONT IDLER	1				
26	41-058	SPRING-COMP 0.968X4.00	1				
27	64139-02	BLT-WLF 1/4-20X1/2	3				
28	64139-04	BOLT-WLF 1/4-20X3/4	2				
29	64141-2	NUT-WLF 1/4-20	5				
30	4164993.7	BAR-BELT ADJ NOTCH	1				
31	47-001	KNOB-SMALL	1				
32	40-282.7	LEVER-PTO BELT ADJ	1				
33	64139-08	BOLT-WLF 5/16-18X3/4	2				
34	64123-70	BOLT-HEX 3/8-16X1-1/2	4				
35	64-629.7	BRKT-ADJ LEVER MOUNT	1				
36	41-039	SPRING-COMP 7/16X1	1				
37	64163-61	WASHER-FLAT, 3/8	2				
38	64229-03	LOCKNUT-NYLON 3/8-16	1				
39	87-228	U-JOINT	1				
40	64123-117	BLT-HEX 1/2-13X1-1/2	2				
41	64151-18	LOCKNUT, CENTER 3/8-16	3				
42	4165121.7	BRKT, SPRING ADJ	1				
43	4164982.7	FRONT BEARING PLATE	1				
44	20-126	HOSE, GREASE 1/4 X 13"	1				

*NOT ILLUSTRATED

FIGURE 16

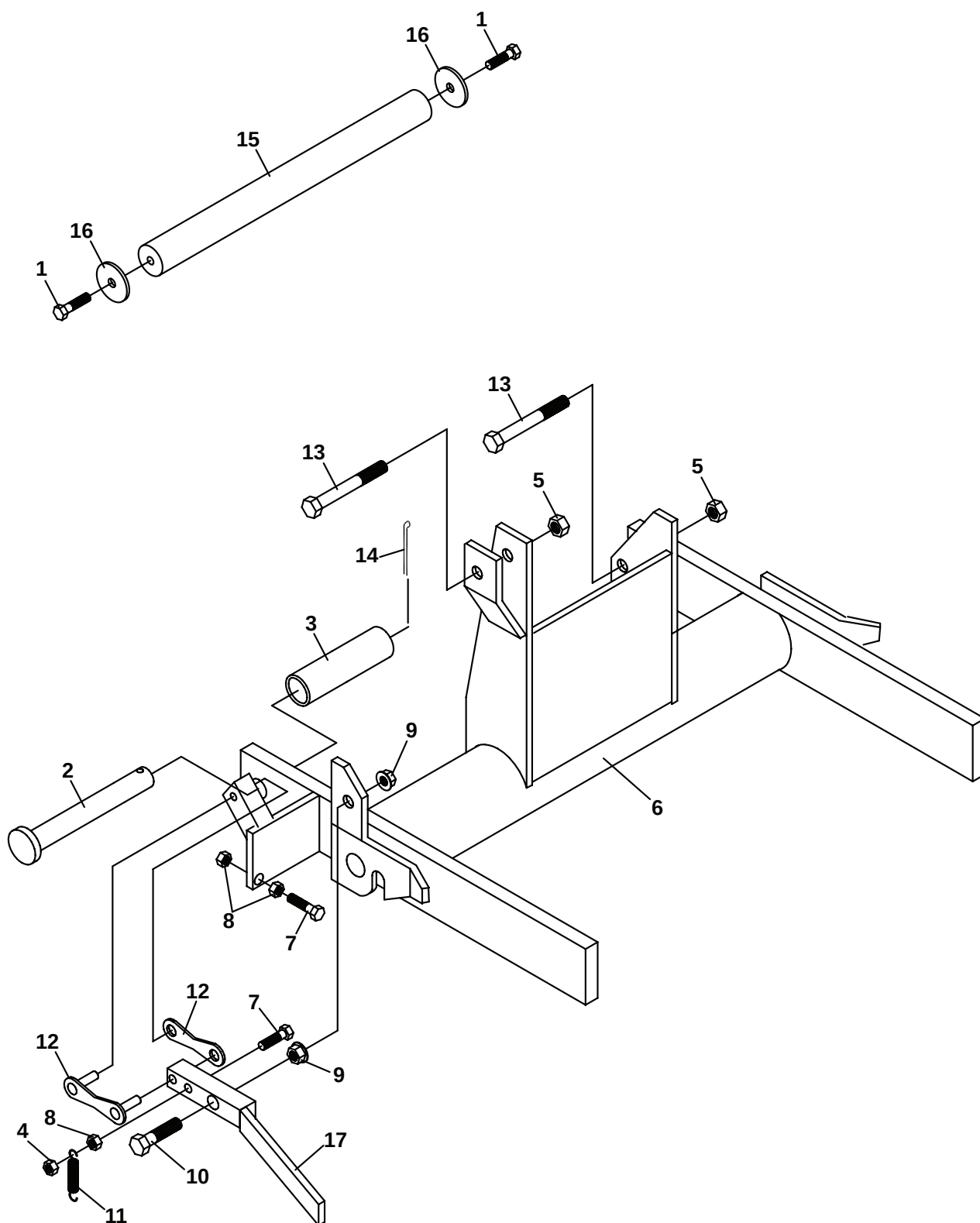


FIGURE 16

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	64123-49	BOLT-HEX, 1/4-20X1/2	2				
2	03-1032	CLEVIS PIN, 5/8 X 4	2				
3	64-305.7	SPACER-FRONT LIFT	2				
4	64229-01	NUT-NYLOCK 1/4-20	1				
5	64229-03	LOCKNUT-NYLON 3/8-16	2				
6	4165226.7	FRONT LIFT	1				
7	64123-07	BOLT-HEX, 1/4-20X1-1/2	2				
8	64141-2	NUT-WLF 1/4-20	3				
9	64141-4	NUT-WLF 3/8-16	2				
10	64123-87	BOLT-HEX 3/8-16X1-1/2	1				
11	41-013	SPRING-EXT 1/2X2	1				
12	81-082	CONNECTOR LINK	1				
13	64123-100	BOLT-HEX 3/8-16X2-1/4	2				
14	02-CP0508	COTTER PIN, 5/32 X 1	2				
15	80-257	SHAFT, LIFT CYLINDER	1				
16	64163-104	WSHR-.291X1.240/1.268X.12	2				
17	40-197.7	HANDLE, QUICK HITCH	1				
18 *	47-054	HANDLE GRIP, 5/8"IDX3/4"	1				

*NOT ILLUSTRATED

FIGURE 17

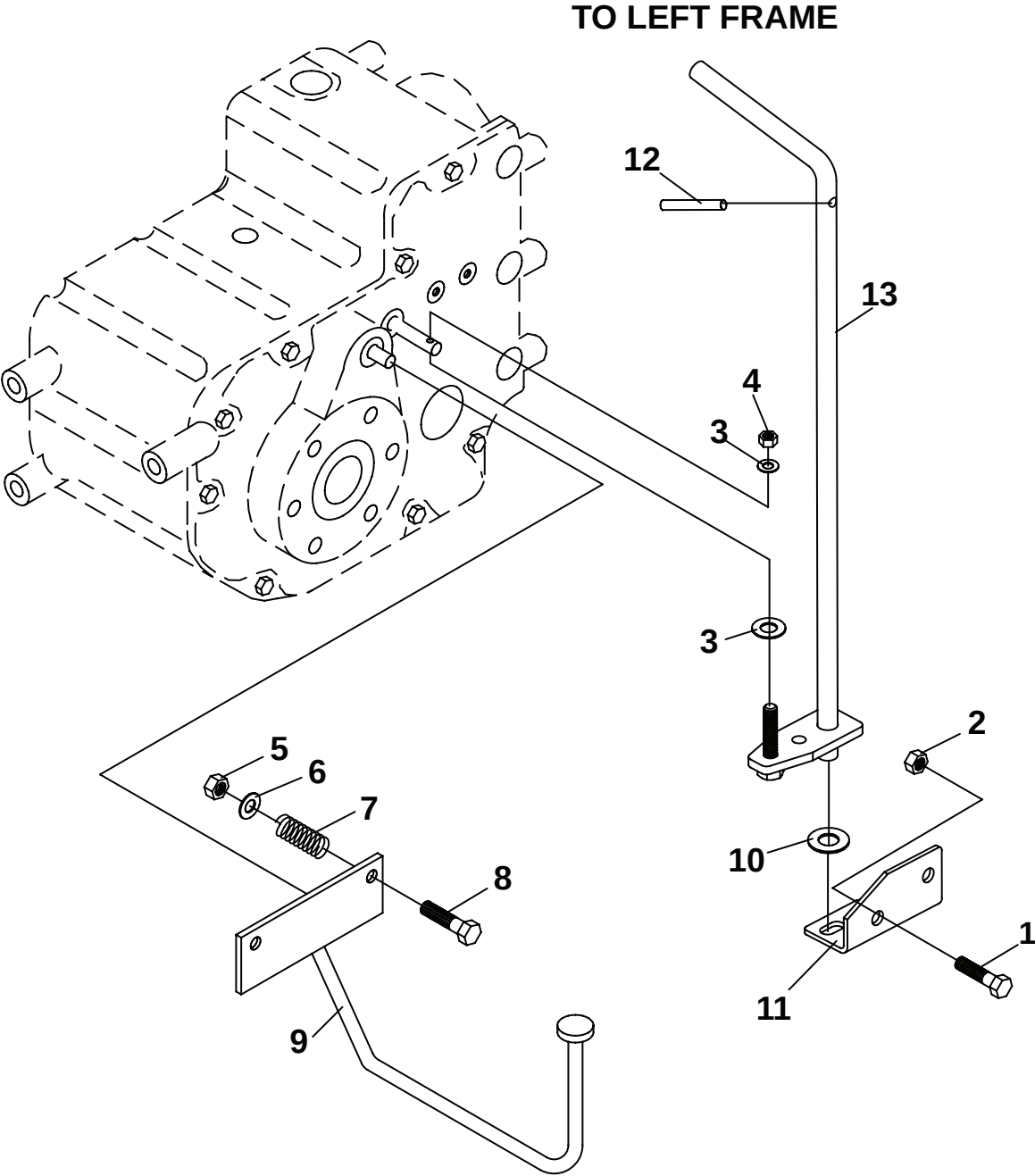


FIGURE 17

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	64139-21	BLT-WLF 3/8-16X3/4	2				
2	64141-4	NUT-WLF 3/8-16	2				
3	453023	FLATWASHER 1/4	2				
4	64229-01	LOCKNUT-NYLON 1/4-20	1				
5	64229-03	LOCKNUT-NYLON 3/8-16	2				
6	64163-61	WASHER .81X.406X16GA	2				
7	41-039	SPRING, COMPRESSION	2				
8	64123-87	BOLT-HEX 3/8-16X1-3/4	2				
9	4164907.7	WLDMT-LEVER DIFF LOCK	1				
10	64163-31	WSHR 25/64X1X12	1				
11	4165113.7	BRKT - SHIFT LEVER MOUNT	1				
12	64061-28	ROLLPIN-3-16X1-1/4	1				
13	4165116.7	WLDMT - SHIFTER, HI/LO	1				

*NOT ILLUSTRATED

FIGURE 18

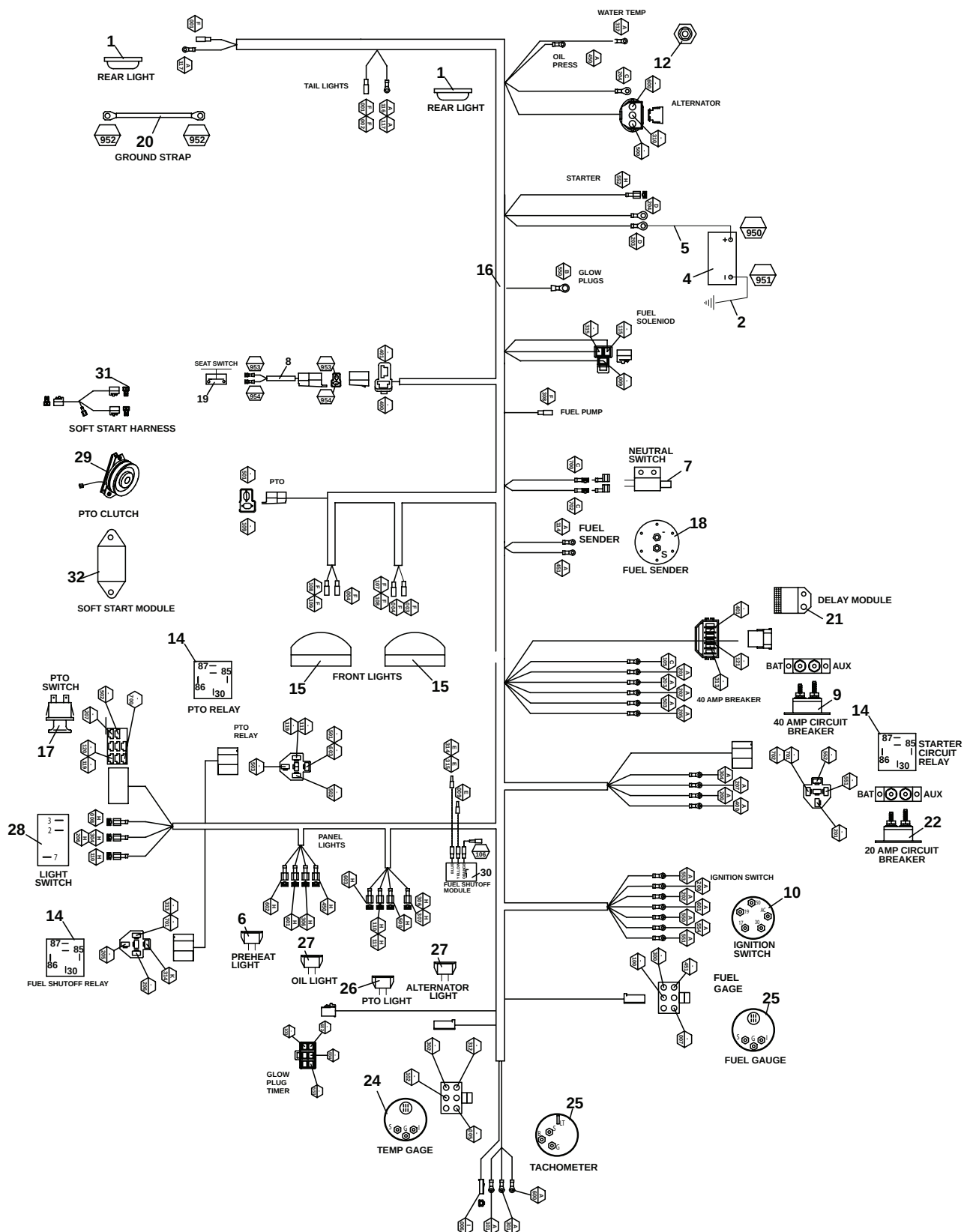


FIGURE 18

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	33-034	TAILLIGHT, RED	2	16	4165400	WIRE HARNESS, KUB DSL	1
2	30-310	BATT CABLE, 1GA BLK 30"	1	17	31-062	SWITCH, PTO	1
3	13-15694-65991	TIMER-GLOW PLUG	1	18	4165402	SENDER, FUEL LEVEL	1
4	4165110	BATTERY, 9x6.81x8 630CCA	1	19	158135-01	SWITCH-SEAT NORM.OPEN	1
5	30-305	BATTERY CABLE, 1GA 34"	1	20	30-291	STRAP, BRAIDED GROUND	1
6	33-024	LIGHT, BLUE PILOT	1	21	2188154	MODULE-DELAY	1
7	38382	SWITCH-N.O.	1	22	30-114	CIRCUIT BREAKER, 20 AMP	1
8	30-394	PIGTAIL SEAT SWITCH	1	23	4165401	GAUGE TACH/HOUR	1
9	48524	CIRCUIT BREAKER, 40 AMP	1	24	4165405	GAUGE, WATER TEMP	1
10	4136497	SWITCH-IGNITION	1	25	4165403	GAUGE, FUEL	1
11 *	4136502	KEY-KUBOTA IGN	1	26	33-035	LIGHT, AMBER PILOT	1
12	4165404	SENDER, WATER TEMP	1	27	33-023	LIGHT, RED PILOT	2
13	4165343	MODULE-SOFT START	1	28	31-051	SWITCH, ROCKER	1
14	35-067	RELAY	3	29	4164976	CLUTCH ENGINE PULLEY	1
15	4128713	HEADLIGHT	2	30	31-050	MODULE, FUEL SHUTOFF	1
	4128713-01	12V 55W BULB	2	(ITEM 30 AVAILABLE ONLY IN KIT 70-134 WHICH CONTAINS SOLENOID & MODULE)			

KUBOTA DIESEL ENGINE ELECTRICAL CIRCUIT LEGEND			
#	GAUGE	COLOR	DESTINATION
001	16	YELLOW / WHITE	TAIL LIGHT TO TAIL LIGHT
002	16	YELLOW / WHITE	TAIL LIGHT TO INTERNAL SPLICE #4
003	16	YELLOW / WHITE	INTERNAL SPLICE #4 TO HEADLIGHT
004	16	YELLOW / WHITE	INTERNAL SPLICE #4 TO HEADLIGHT
005	16	YELLOW	INTERNAL SPLICE #4 TO TEMP GAUGE (L)
006	16	YELLOW	TACHOMETER (LT) TO TEMP GAUGE
007	16	YELLOW	FUEL GAUGE (L) TO TACHOMETER
008	12	YELLOW	INTERNAL SPLICE #4 TO LIGHT SWITCH (3)
009	14	YELLOW	FUEL SHUTOFF SOLENOID TO FUEL SHUTOFF MODULE
100	16	BLACK	INTERNAL SPLICE #3 TO FUEL GAUGE (G)
101	16	BLACK	INTERNAL SPLICE #1 TO TACHOMETER (END)
102	16	BLACK	INTERNAL SPLICE #1 TO TEMP GAUGE (G)
103	14	BLACK	INTERNAL SPLICE #1 TO PREHEAT TIMER
105	14	BLACK	GROUND BOLT TO INTERNAL SPLICE #1
106	14	BLACK	INTERNAL SPLICE #1 TO FUEL SHUTOFF MODULE
107	16	BLACK	HEADLIGHT TO INTERNAL SPLICE #1
108	16	BLACK	HEADLIGHT TO INTERNAL SPLICE #1
109	16	BLACK	PTO CLUTCH TO INTERNAL SPLICE #1
110	16	BLACK	LIGHT SWITCH (7) TO PTO LIGHT
111	16	BLACK	INTERNAL SPLICE #1 TO PTO LIGHT
114	16	BLACK	INTERNAL SPLICE #3 TO FUEL SENDER (4)
115	14	BLACK	FUEL SHUTOFF SOLENOID TO INTERNAL SPLICE #3
116	16	BLACK	TAIL LIGHT TO INTERNAL SPLICE #1
117	16	BLACK	TAIL LIGHT TO INTERNAL SPLICE #1
118	14	BLACK	INTERNAL SPLICE #3 TO GROUND
119	16	BLACK	INTERNAL SPLICE #1 TO PTO RELAY (85)
120	16	BLACK	INTERNAL SPLICE #1 TO PTO SWITCH
121	16	BLACK	1/2 SECOND DELAY MODULE (C) TO INTERNAL SPLICE #1
200	14	RED	IGNITION SWITCH (AC) TO 20 AMP CIRCUIT BREAKER (BAT)
201	14	RED / WHITE	30 AMP CIRCUIT BREAKER (AUX) TO STARTER CIRCUIT RELAY (30)
202	10	RED	30 AMP CIRCUIT BREAKER (AUX) TO IGNITION SWITCH (30)
203	10	RED	STARTER TO 30 AMP CIRCUIT BREAKER (BAT)
204	10	RED	ALTERNATOR TO STARTER
205	14	RED / WHITE	ENGINE RELAY (30) TO 30 AMP CIRCUIT BREAKER (AUX)
206	16	RED / YELLOW	20 AMP CIRCUIT BREAKER (AUX) TO ENGINE RELAY (86)
207	16	RED / BLUE	PTO SWITCH TO 20 AMP CIRCUIT BREAKER (AUX)
300	16	WHITE	INTERNAL SPLICE #2 TO FUEL GAUGE (I)
301	16	WHITE	INTERNAL SPLICE #2 TO TACHOMETER (IGN)
302	16	WHITE	INTERNAL SPLICE #2 TO TEMP GAUGE (I)
303	14	WHITE	INTERNAL SPLICE #2 TO 20 AMP CIRCUIT BREAKER (AUX)
304	16	WHITE	INTERNAL SPLICE #2 TO LIGHT SWITCH (2)
306	16	WHITE / RED	ALTERNATOR LIGHT TO OIL LIGHT
307	16	WHITE	INTERNAL SPLICE #2 TO ALTERNATOR LIGHT
308	16	WHITE	FUEL PUMP TO INTERNAL SPLICE #2
310	16	WHITE	ALTERNATOR TO INTERNAL SPLICE #2
312	16	WHITE / ORANGE	TEMPERATURE SENDER TO TEMP GAUGE (S)
313	16	WHITE / BROWN	1/2 SECOND DELAY MODULE (B) TO ENGINE RELAY (85)
314	16	WHITE / BLACK	FUEL SHUTOFF MODULE TO ENGINE RELAY (87)
315	16	WHITE / BLACK	FUEL SOLENOID TO FUEL SHUTOFF MODULE
400	16	ORANGE	SEAT SWITCH TO 20 AMP CIRCUIT BREAKER (AUX)
401	16	ORANGE / WHITE	SEAT SWITCH TO 1/2 SECOND DELAY MODULE (E)
450	16	PURPLE	OIL PRESSURE SWITCH TO OIL PRESSURE LIGHT
451	16	PURPLE / WHITE	FUEL SENDER (S) TO FUEL GAUGE (S)
500	14	DK. BLUE	ALTERNATOR TO ALTERNATOR LIGHT
501	14	DK. BLUE / WHITE	PTO CLUTCH TO PTO RELAY (87)
502	16	LT. BLUE	PTO RELAY (86) TO PTO SWITCH
503	14	BLUE / RED	30 AMP CIRCUIT BREAKER (AUX) TO PTO RELAY (30)
550	10	LT. GREEN	PREHEATER TO IGNITION SWITCH (19)
551	14	LT. GREEN / WHITE	STARTER CIRCUIT RELAY (86) TO IGNITION SWITCH (50)
552	14	LT. GREEN	STARTER SOLENOID TO STARTER CIRCUIT RELAY (87)
553	14	DK. GREEN / WHITE	PREHEAT TIMER TO IGNITION SWITCH (19)
554	14	DK. GREEN	PREHEAT TIMER TO IGNITION SWITCH (50)
600	16	GRAY	ALTERNATOR TO TACHOMETER (SEND)
601	16	GRAY / BLUE	PREHEAT LIGHT TO IGNITION SWITCH (19)
602	16	GRAY / BLUE	PREHEAT LIGHT TO PREHEAT TIMER
603	16	GRAY / WHITE	PTO RELAY (87) TO PTO LIGHT
700	16	BROWN	NEUTRAL SWITCH TO PTO SWITCH
701	16	BROWN / WHITE	STARTER CIRCUIT RELAY (85) TO ENGINE RELAY (85)
702	16	BROWN / YELLOW	NEUTRAL SWITCH TO STARTER CIRCUIT RELAY (85)
950	1	RED	+ BATTERY TO STARTER
951	1	BLACK	- BATTERY TO ENGINE MOUNT BOLT
952	BRAIDED	SILVER	ENGINE MOUNT BOLT TO FRAME
953	16	ORANGE / WHITE	SEAT SWITCH TO WIRE HARNESS
954	16	ORANGE	SEAT SWITCH TO WIRE HARNESS

31	4165342	HARNESS-SOFT START	1
32	4165343	MODULE-SOFT START	1

* NOT ILLUSTRATED

FIGURE 19

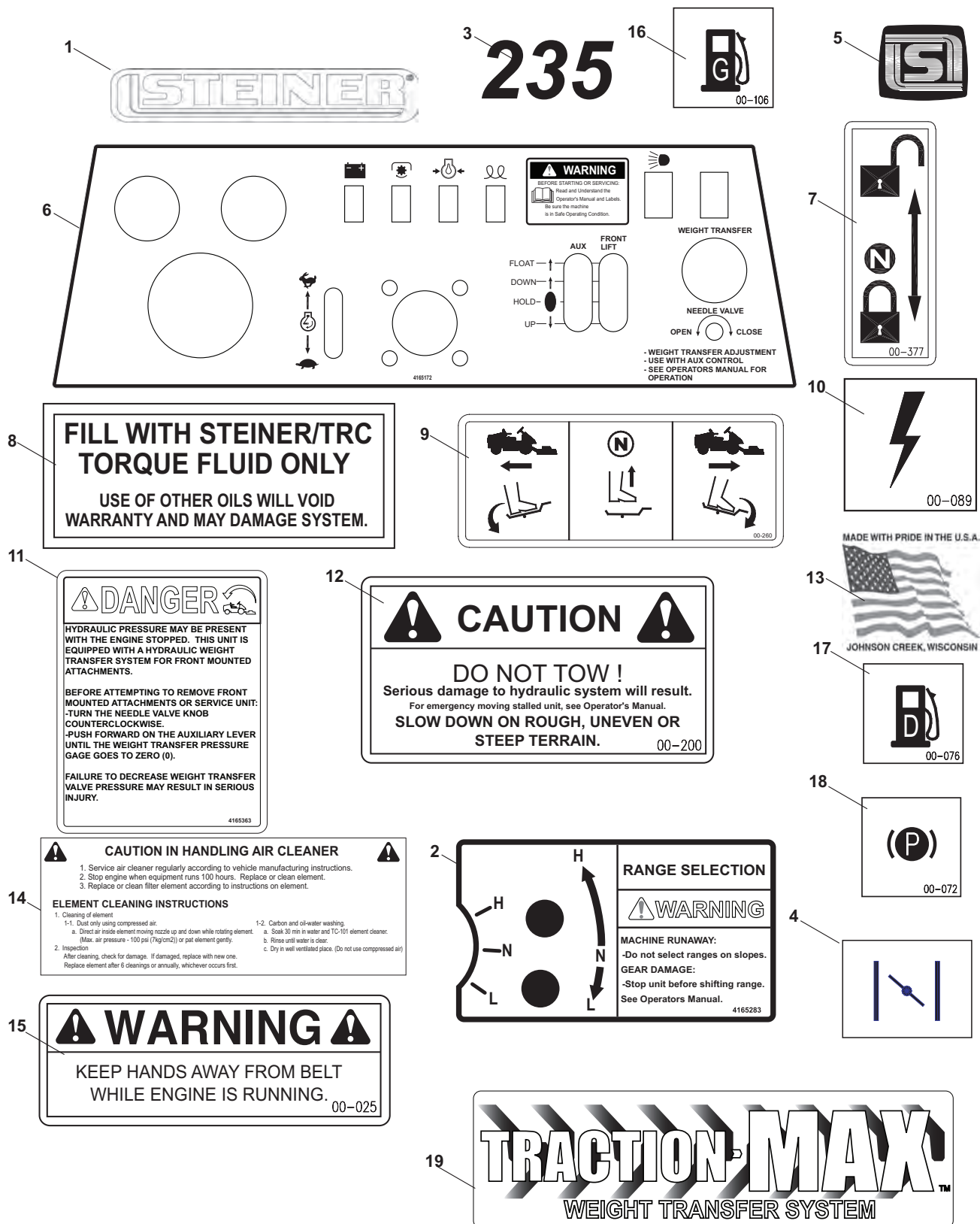


FIGURE 19

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	4158620	LABEL-STEINER	3				
2	4165283	DECAL-RANGE SELECTION	1				
3	4165200	LABEL-235	2				
4	00-211	DECAL-CHOKE SYMBOL	1				
5	4162581	LABEL-EMBLEM, STEERING	1				
6	4165172	DECAL-235 DASH	1				
7	00-377	DECAL-NEUTRAL LOCK	1				
8	00-060	DECAL-FLUID FILL	1				
9	00-260	DECAL-FWD/REV PEDAL	1				
10	00-089	DECAL-IGNITION	1				
11	4165363	DECAL-DNGR HYD PRESS	1				
12	00-200	DECAL-CAUTION TOW	1				
13	4116761	LABEL-MADE IN USA	1				
14	00-313	DECAL-AIR CLEANER KUB	1				
15	00-025	DECAL-HANDS/BELT	2				
16	00-106	DECAL-GASOLINE	1				
17	00-076	DECAL-DIESEL FUEL	1				
18	00-072	DECAL-PARKING BRAKE	1				
19	4165201	DECAL-TRACTION MAC	1				

75-70730 ROPS BAR WITH SEAT BELT (RB230)

235

FIGURE 20

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	62-636.7	ROLL BAR	1	8	64-905.7	BRKT, SEAT BELT LH	1
2	64123-15	BOLT-HEX 3/8-16X3/4	12	9	64-904.7	BRKT, SEAT BELT RH	1
3	90-0710	BOLT-HEX 7/16-14X1-1/4	2	10	64141-4	NUT-WLF 3/8-16	12
4	64163-43	WASHER .443/.454X1X11GA	3	11	99-B12	SPACER	1
5	47-059	SEATBELT, 50"LONG	1	12	64163-64	WSHR 1.015X1.500X14GA	2
6	64006-06	LOCKWASHER 7/16	2	13	64139-18	BLT-WLF 3/8-16X1-1/4	2
7	64-799	WASHER, 13/32X1-9/32	2	14	92-07	NUT-HEX 7/16-14	2
				15	4133528	LABEL-ROLLBAR SPECS	1

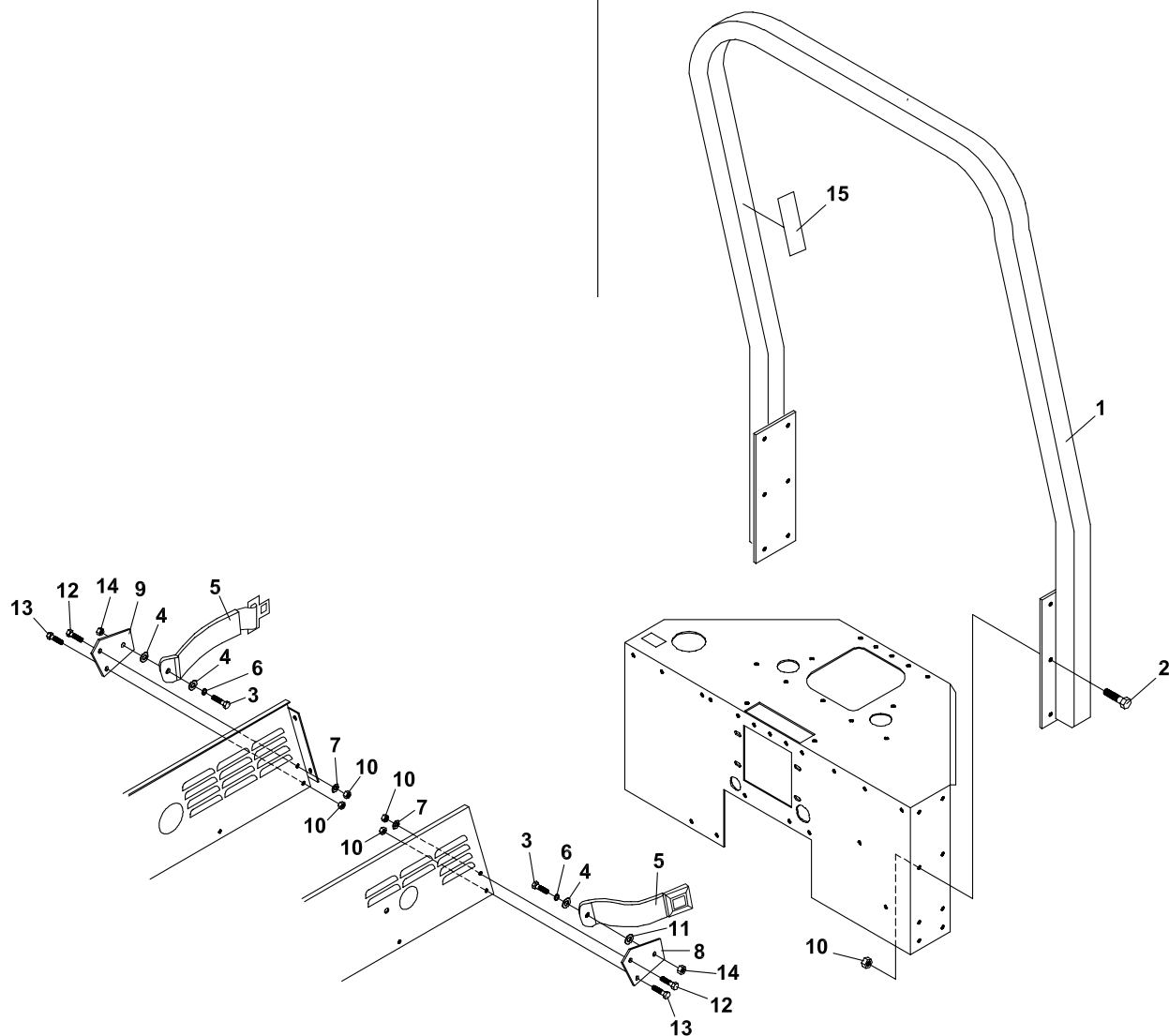


FIGURE 21

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	62-540.7	WEIGHT, 50# BALLAST	2				
2	64141-13	NUT-WLF 1/2-13	2				
3	62-830.7	BASE, 220 WEIGHT BAR	1				
4	90-0808	BOLT-1/2X1	2				
5	64-865.7	SECURITY BAR	1				
6	02-PP0313	PIN 3/16X1.5/8	1				

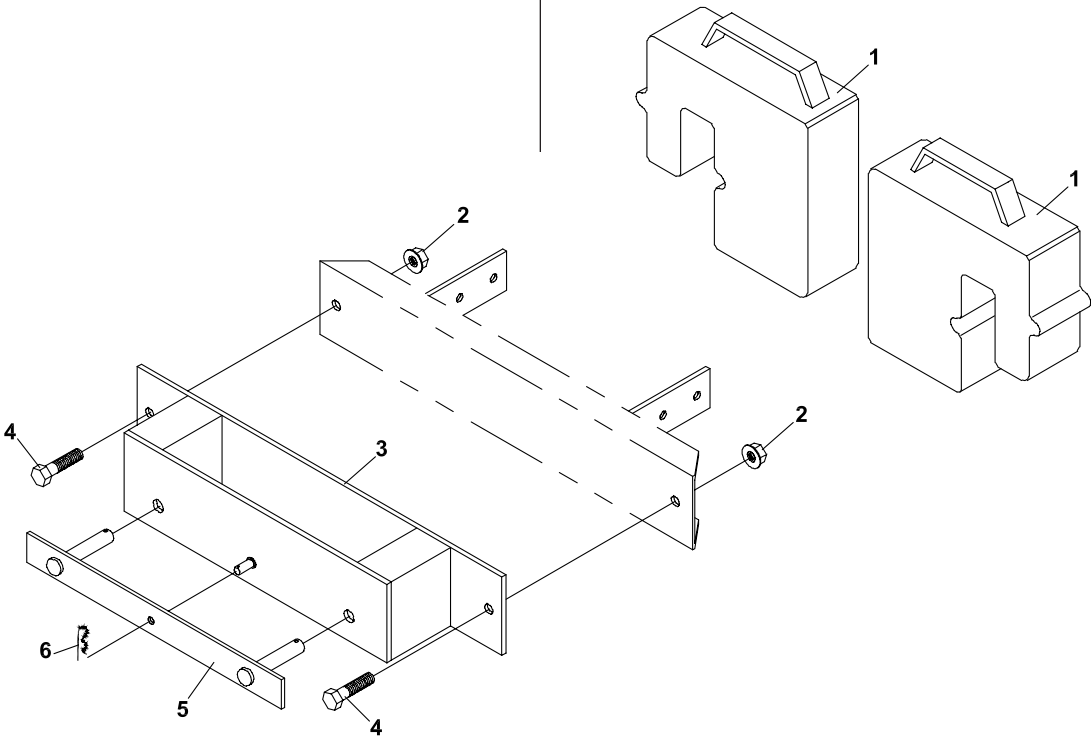
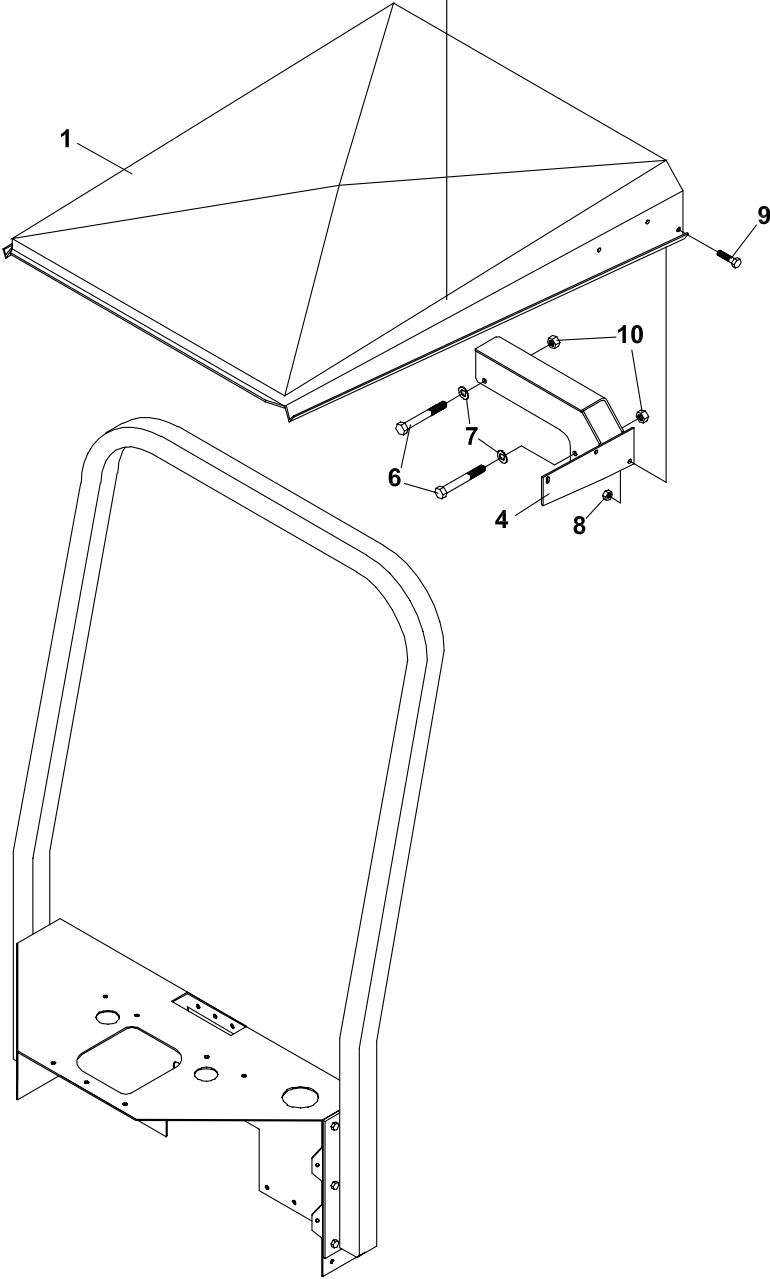


FIGURE 22

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	6106001.17	CANOPY, 230	1	8	64141-6	NUT, 5/16-18	6
2 *	6106009	CANOPY HEADLINER	1	9	64139-08	BOLT-5/16-18X3/4 WLF	6
3 *	4128372	LABEL-STEINER DIECUT	1	10	F3013	NUT, FLANGED LOCK	4
4	6106020.7	MOUNT, CANOPY RH	1	* NOT ILLUSTRATED			
5	6106021.7	MOUNT, CANOPY LH	1				
6	64123-75	BOLT, 3/8-16X3 HEX	4				
7	64163-61	WSHR .81X.406X16GA	4				



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