



Zero Turning Mower

Model ZTM325

w/ZTMD52 or ZTMD61 Mower Deck

Starting Serial No. 1636

Illustrated Parts List



CAUTION

- READ AND UNDERSTAND OPERATORS MANUAL BEFORE OPERATING OR SERVICING.
- OBEY ALL SAFETY INSTRUCTIONS. FAILURE TO DO SO MAY RESULT IN INJURY TO YOU OR OTHERS.
- BE SURE MACHINE IS IN SAFE OPERATING CONDITION BEFORE USE.
- INSPECT MACHINE DAILY. REPLACE ALL WORN OR DAMAGED PARTS.
- KEEP ALL GUARDS AND SHIELDS IN PLACE.
- CHECK OPERATION OF ALL SAFETY INTERLOCK SWITCHES DAILY.
- DO NOT OVERRIDE INTERLOCK SYSTEM, IT IS FOR YOUR PROTECTION.
- DO NOT ALLOW MINORS OR THE INEXPERIENCED TO OPERATE MACHINE.
- KEEP PEOPLE AND PETS A SAFE DISTANCE AWAY FROM MACHINE USING POWER DRIVEN ATTACHMENTS. INJURY COULD RESULT FROM FLYING DEBRIS.

Date of Purchase: Month _____ Day _____ Year _____

Dealer Name _____ Phone _____

Serial Number _____

Model Number _____

ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING SERVICE PARTS

STEINER
TEXTRON

Steiner Division of Textron Inc.

STEINER TURF EQUIPMENT, INC.
289 N. Kurzen Rd., P.O. Box 504
Dalton, Ohio 44618

Telephone: (330) 828-0200
FAX: (330) 828-1008

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section 1

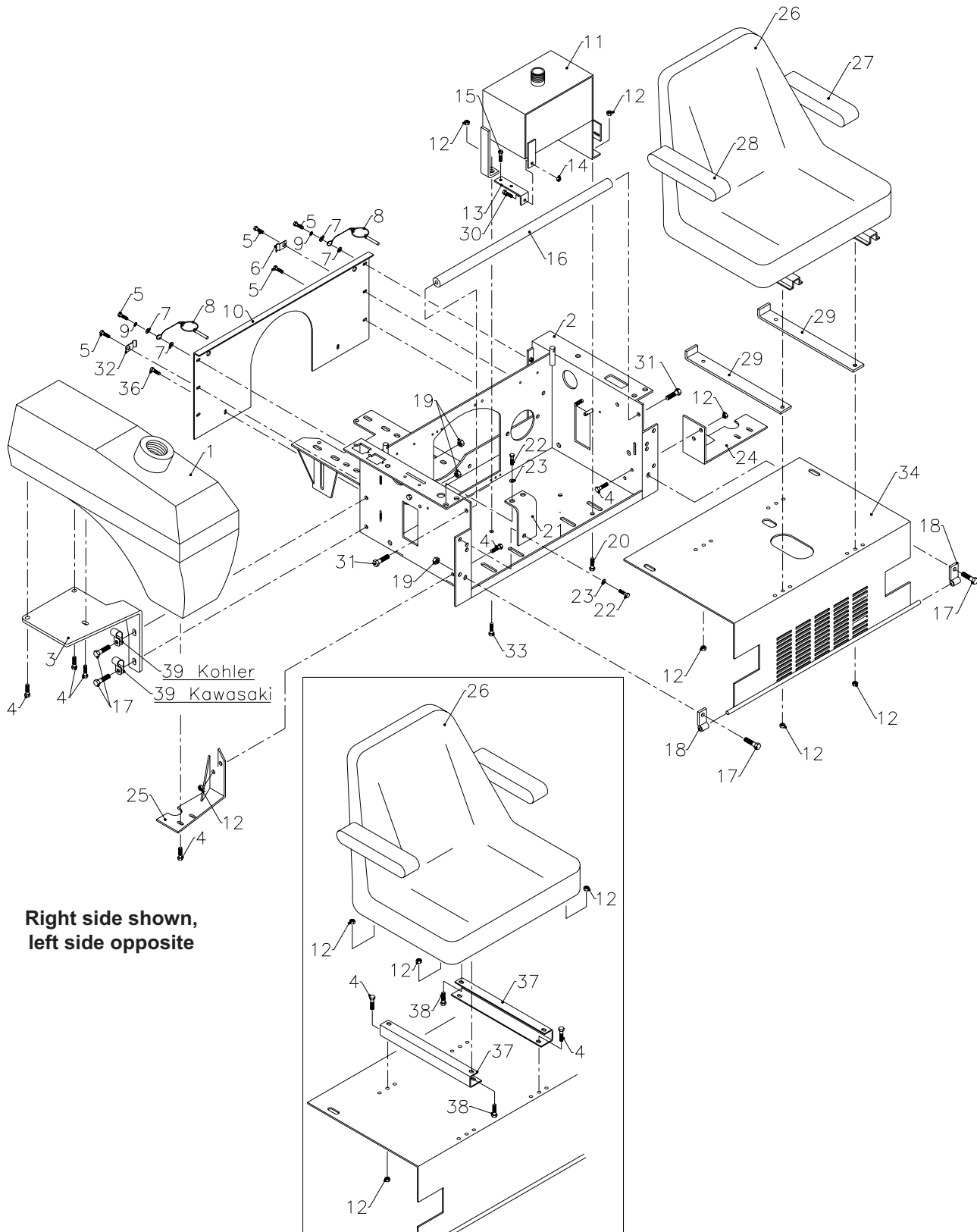
MAIN FRAME

section 1

MAIN FRAME

Upper Frame Parts

Figure 1



Serial No. 1691 & Up

Parts List for Figure 1

Ref.	Part No.	Description	Quantity
1	REF	Fuel Tank, ZTM 325	
2	6111050	Power Box Weldment (Kohler Engine)	1
	6111271	Power Box Weldment (Kawasaki Engine)	1
*	06-052	Plug, 2-1/2" Black Plastic	1
3	6111237	Bracket, Fuel Tank RH	1
*	6111236	Bracket, Fuel Tank LH	1
4	99-K19	Bolt, Flange 5/16 X 3/4 (Serial No. 1636 - 1690)	6
	99-K19	Bolt, Flange 5/16 X 3/4 (Serial No. 1691 -)	10
5	99-K27	Bolt, Flange 1/4 X 1	6
6	30-082	Clamp, Insulated Half	1
7	94-04	Flat Washer, 1/4	4
8	03-015	Clip, Cat. 0	2
9	96-04	Lock Washer, 1/4	2
10	6111087	Cover, Power Box	1
11	6111131	Tank, Hyd. Oil Weldment	1
*	30-300	Clamp, Adhesive Backed	1
12	99-E12	Flange Nut, 5/16 (Serial No. 1636 - 1690)	9
	99-E12	Flange Nut, 5/16 (Serial No. 1691 -)	13
13	6111172	Mounting Bracket	1
14	99-E20	Flange Nut, 1/4	2
15	90-0404	Bolt, 1/4 X 1/2	2
16	6111180	Shaft, Reinforcement	1
17	99-K13	Bolt, Flange 3/8 X 1	6
18	6111184	Hinge Weldment	2
19	99-E13	Flange Nut, 3/8	6
20	99-K02	Bolt, Flange 5/16 X 1	2
21	6111207	Cover, Power Box Corner	2
22	99-K47	Bolt, 1/4 X 3/4 Button Head	6
23	95-04	Flat Washer, 1/4 SAE	6
24	6111151	Fuel Tank Mount Left Side	1
25	6111152	Fuel Tank Mount Right Side	1
26	47-113	Seat, XR-210 W/Steiner Logo (Serial No. 1636 - 1690)	1
*	47-095	Adjuster, Slave Seat	1
*	47-094	Adjuster, Latching for Seat	1
	47-146	Seat, Suspension (Serial No. 1691 -)	1
*	47-140	Seat, CR100 Suspension (Optional)	1
*	6111283	Spacer, Suspension Seat	2
*	99-E12	Flange Nut, 5/16	4
27	47-097	Armrest, LH	1
28	47-096	Armrest, RH	1
29	6111109	Seat Spacer (Serial No. 1636 - 1690)	2
30	99-K31	Bolt, Flange 1/4 x 1/2	1
31	90-0610	Bolt, 3/8 x 1-1/4	6
32	11-037	Clamp, Insulated Half 1/2"	2
33	99-K62	Bolt, Flange 5/16 x 1-1/4	1
34	6111139	Power Box Hood W/ Steiner Seat	1
35	30-291	Strap, Braided Ground	1
36	99-K26	Bolt, Flange 1/4 x 3/4	3
37	6111333	Seat Spacer (Serial No. 1691 -)	2
38	99-K28	Bolt, Flange 5/16 x 1/2 (Serial No. 1691 -)	4
39	11-016	Wireclip, 13/32 Bolt x 3/8 ID	1

* Not Illustrated

section 1

MAIN FRAME

Upper/Lower Frame Parts

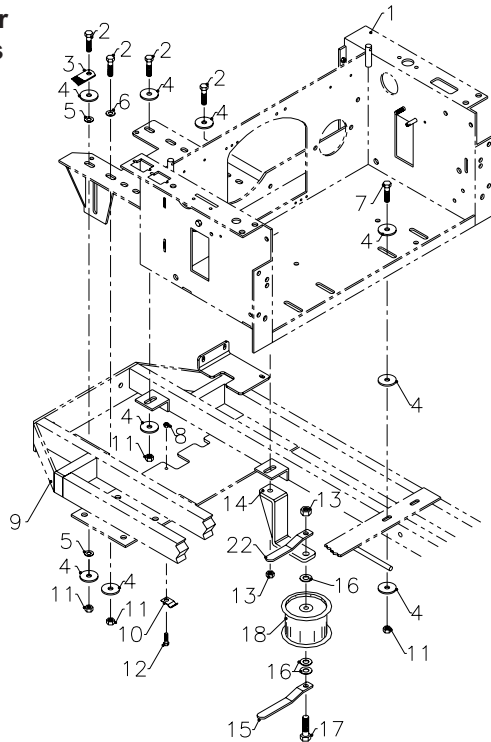
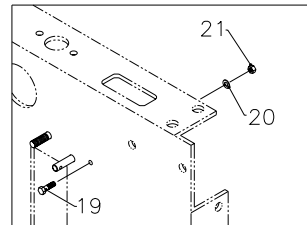


Figure 1A
Frame with Kohler Engine



**For Wire Harness Ground
Serial No. 1902 & up**

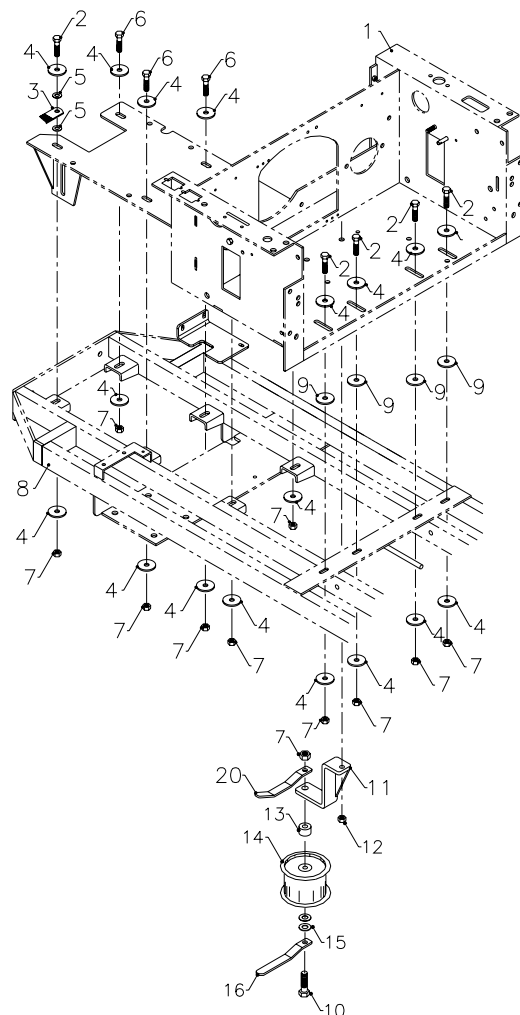
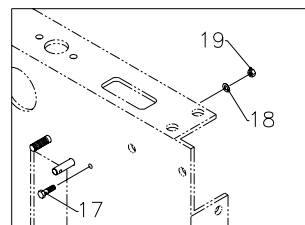


Figure 1B
Frame with Kawasaki Engine



**For Wire Harness Ground
Serial No. 1902 & up**

section 1

MAIN FRAME

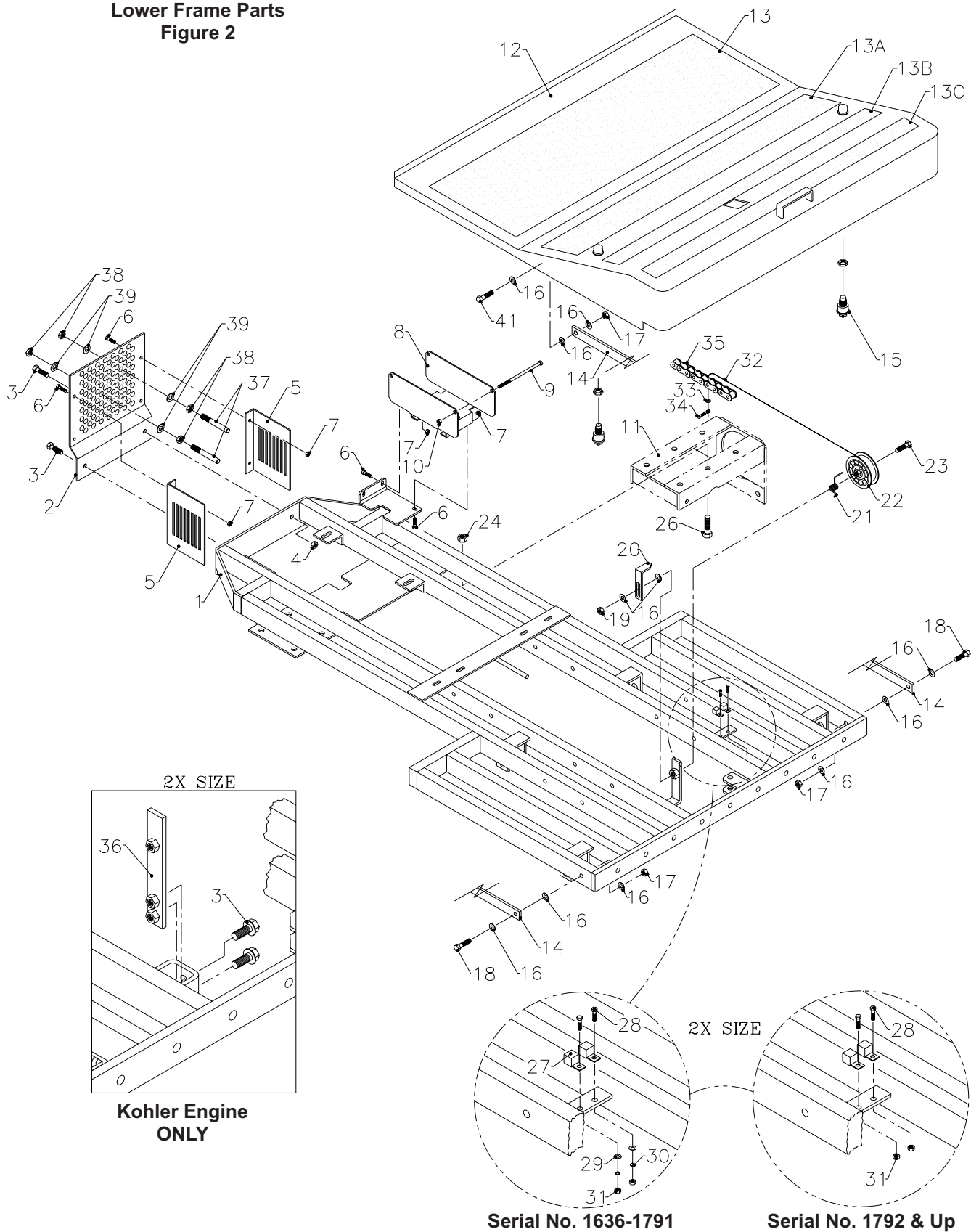
Parts List for Figure 1A

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	REF	Power Box Weldment (Kohler Engine)	1
2	99-K22	Bolt, Flange 3/8 X 1-1/4	5
3	30-291	Strap, Braided Ground	1
4	99-B10	Flatwasher, 1/8 X 13/32 X 1-1/2	17
5	99-G04	Shakeproof Washer, 3/8	2
6	94-06	Flat Washer, 3/8	1
7	90-0610	Bolt, 3/8 X 1-1/4	4
8	99-E20	Flange Nut, 1/4	1
9	REF	Frame Weldment (Kohler Engine)	
10	11-037	Clamp, Insulated Half 1/2"	1
11	99-E13	Flange Nut, 3/8	8
12	99-K26	Bolt, Flange 1/4 X 3/4	1
13	F3013	Locknut, Flanged Stover 3/8	2
14	6111235	Mount, Idler	1
15	6111300	Belt Keeper, Lower	1
16	94-06	Flat Washer, 3/8	3
17	90-0628	Bolt, 3/8 X 3-1/2	1
	90-0630	Bolt, 3/8 x 3-3/4 (Serial No. 2061 -)	1
18	83-050	Idler, Flat 5.5" OD, 3.11" Wide	1
19	01-027	Screw, Machine 10-32 x 5/8 (Serial No. 1902 -)	1
20	99-G09	Shakeproof Washer, #10 (Serial No. 1902 -)	1
21	99-E50	Locknut, Nylon #10 -32 UNF (Serial No. 1902 -)	1
22	6111370	Belt Keeper, Upper (Serial No. 2061 -)	

Parts List for Figure 1B

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	REF	Power Box Weldment (Kawasaki Engine)	
2	99-K22	Bolt, Flange 3/8 X 1-1/4	5
3	30-291	Strap, Braided Ground	1
4	99-B10	Flatwasher, 1/8 X 13/32 X 1-1/2	20
5	99-G04	Shakeproof Washer, 3/8	2
6	99-K13	Bolt, Flange 3/8 X 1	5
7	F3013	Locknut, Flanged Stover 3/8	11
8	REF	Frame Weldment (Kawasaki Engine)	
9	99-B60	Washer, 15/32 ID x 1-1/2 OD	4
10	90-0632	Bolt, 3/8 X 4	1
	90-0636	Bolt, 3/8 x 4-1/2 (Serial No. 2055 -)	1
11	6111282	Mount, Idler W/A	1
12	99-E13	Flange Nut, 3/8	1
13	6111305	Spacer, Idler	1
14	83-050	Idler, Flat 5.5" OD, 3.11" Wide	1
15	94-06	Flat Washer, 3/8	3
16	6111300	Belt Keeper, Lower	1
17	01-027	Screw, Machine 10-32 x 5/8 (Serial No. 1902 -)	1
18	99-G09	Shakeproof Washer, #10 (Serial No. 1902 -)	1
19	99-E50	Locknut, Nylon #10 -32 UNF (Serial No. 1902 -)	1
20	6111369	Belt Keeper, Upper (Serial No. 2055 -)	

**Lower Frame Parts
Figure 2**



section 1

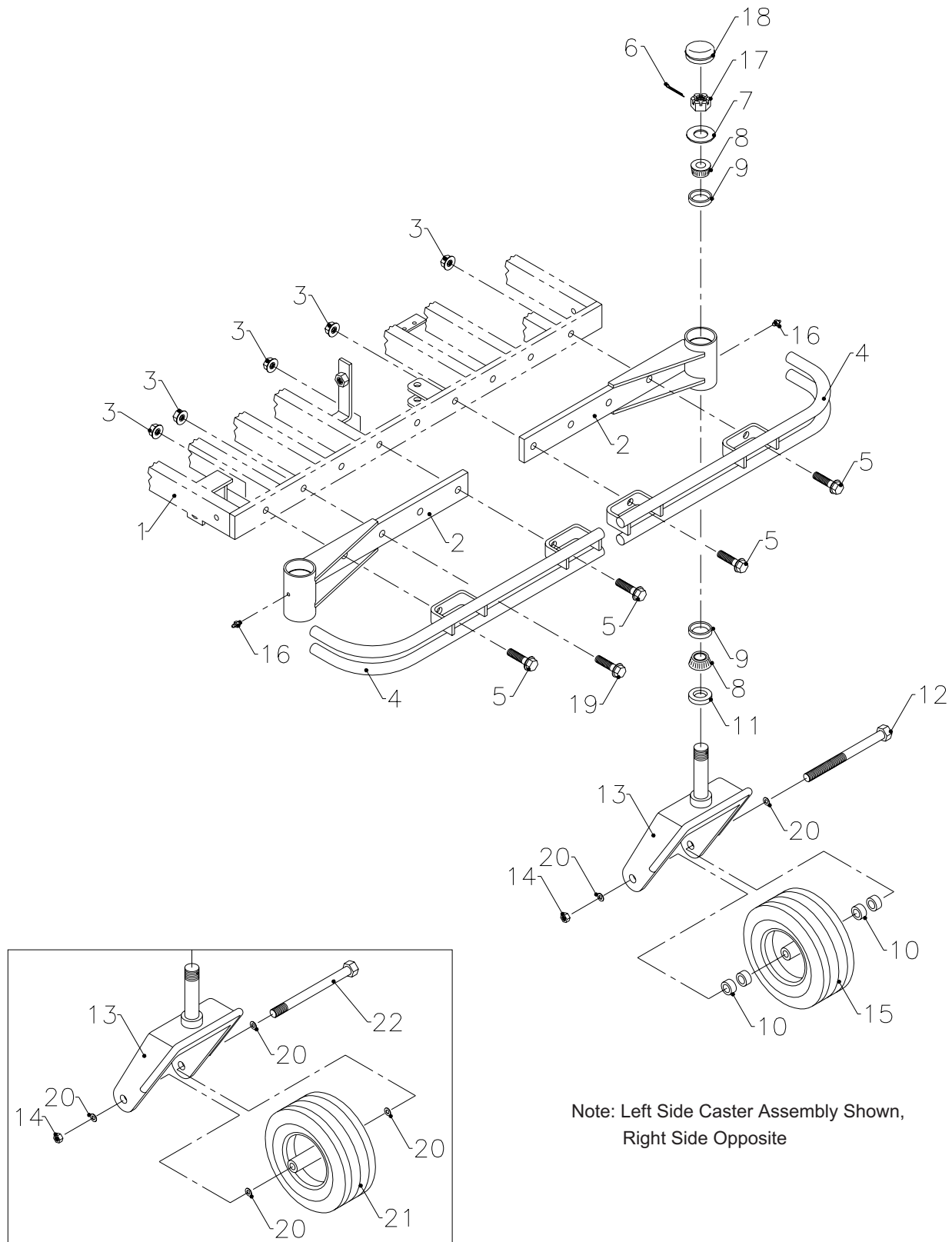
MAIN FRAME

Parts List for Figure 2

Ref.	Part No.	Description	Quantity
1	6111020	Frame Weldment (Kohler Engine)	1
	6111272	Frame Weldment (Kawasaki Engine)	1
2	6111077	Guard, Clutch	1
3	99-K13	Bolt, Flange 3/8 X 1 (Kohler Engine)	4
	99-K13	Bolt, Flange 3/8 X 1 (Kawasaki Engine)	2
4	99-E13	Flange Nut, 3/8	2
5	6111144	Shield, Side	2
6	99-K26	Bolt, Flange 1/4 X 3/4	7
7	99-E20	Flange Nut, 1/4	7
8	6111343	Battery Box	1
*	33-020	Battery	1
*	30-355	Battery Cable, 6 GA 16" Red	1
*	30-356	Battery Cable, 6 GA 16" Black	1
*	30-098	Cover, Pos. Battery Terminal	1
*	30-105	Cover, Neg. Battery Terminal	1
9	91-0444	Bolt, 1/4 X 5-1/2 NF	2
10	99-A04NF	Locknut, Stover 1/4	2
11	REF	Mount, Wheel Motor W/A Left	
12	6111006	Floor Pan Weldment	1
13	56-083	Flex tread, Anti-Slip 12" Wide	36-1/2"
13A	56-040	Flex tread, Anti-Slip 4" Wide	36-1/2"
13B	56-001	Flex tread, Anti-Slip 2" Wide	36-1/2"
13C	56-001	Flex tread, Anti-Slip 2" Wide	36-1/2"
14	6111174	Mount Bracket, Floor Pan	2
15	REF	Switch, Push Button	2
16	95-06	Flat Washer, 3/8 SAE	14
17	99-A06	Locknut, Stover 3/8	4
18	90-0616	Bolt, 3/8 X 2	2
19	99-E13	Flange Nut, 3/8	1
20	6111173	Indicator, Height Gage	1
21	41-090	Spring, Torsion 5/8 Od	1
22	6111047	Pulley, Height Gage	1
*	00-303	Decal, Depth Gauge	1
23	90-0624	Bolt, 3/8 X 3	1
24	99-E37	Flange Nut, 1/2	4
25	90-0610	Bolt, 3/8 x 1-1/4	2
26	99-K56	Bolt, Flange 1/2 x 1-1/2	4
27	35-067	Relay	2
28	01-027	Screw, Machine 10-32 x 5/8	2
29	01-028	Washer, Flat #10 SAE (Serial No. 1636 - 1791)	2
30	01-018	Lockwasher, #10 (Serial No. 1636 - 1791)	2
31	01-013	Nut, #10-32 (Serial No. 1636 - 1791)	2
	99-E50	Locknut, Nylon #10 -32 UNF (Serial No. 1792 -)	2
32	45-074	Cable with Stop Sleeve	1
33	95-04	Washer, Flat 1/4 SAE	1
34	11-052	Wire Stop Assembly	1
35	REF	Roller Chain, Deck Front	
36	6111331	Weldment, Gage Bracket (Kohler Engine ONLY)	1
37	6111376	Bolt, Belt Guide	2
38	F4002	Jam Nut, 7/16-14	4
39	95-07	Flat Washer, 7/16 SAE	4

* Not Illustrated

Front Bumper
Figure 2a



Note: Left Side Caster Assembly Shown,
Right Side Opposite

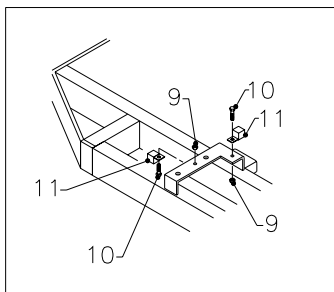
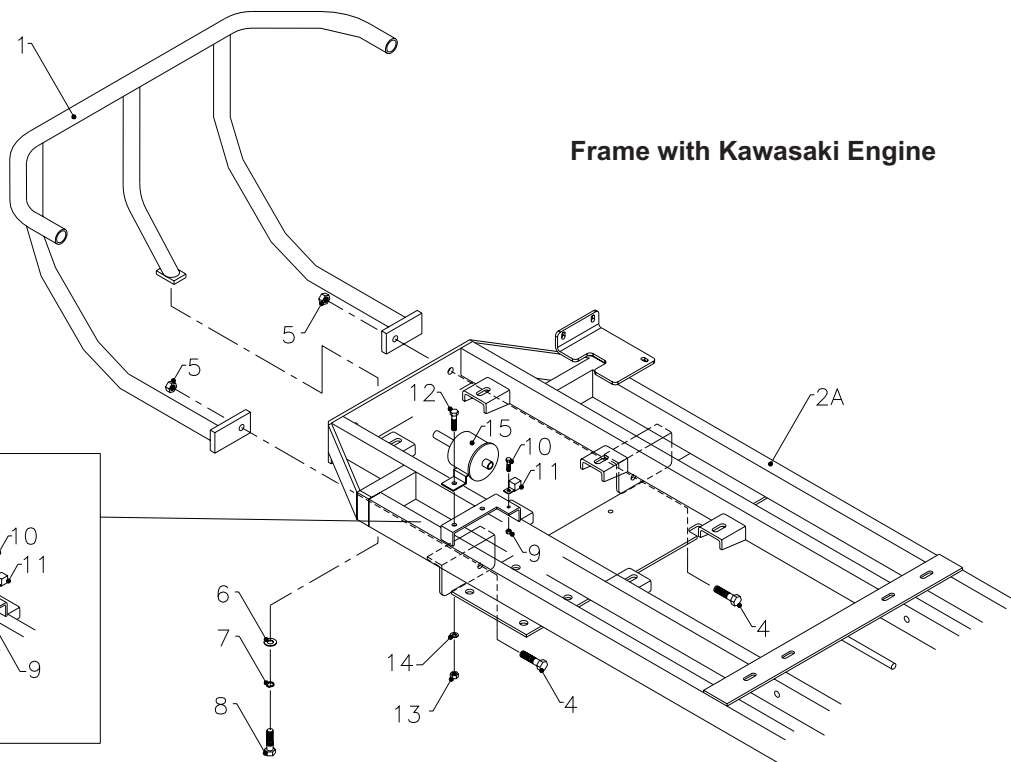
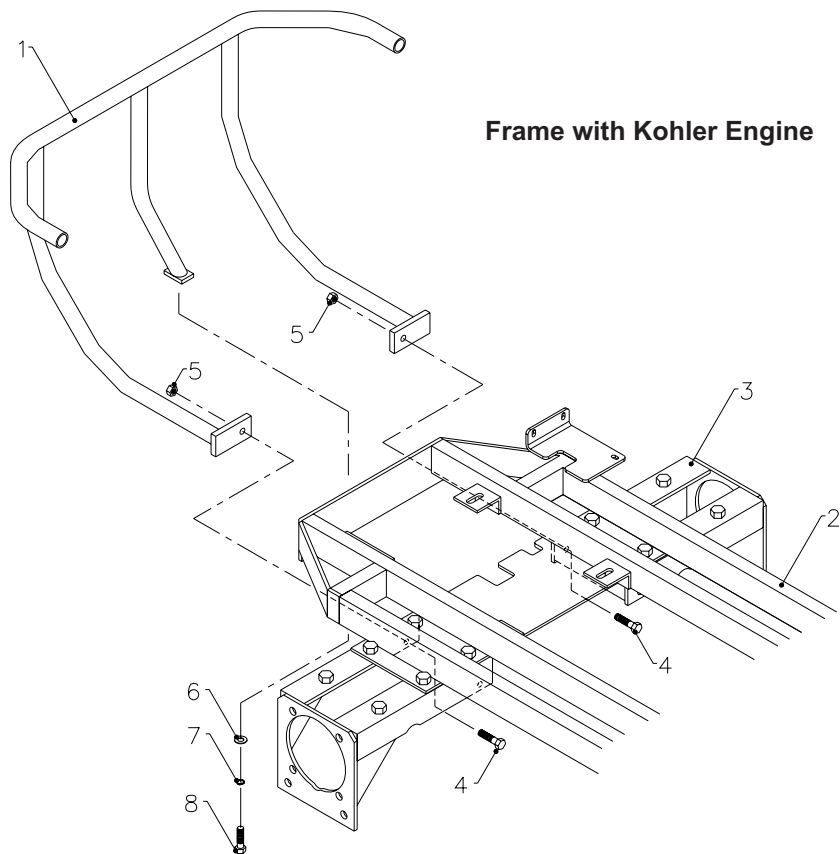
Serial No. 1716 & Up

Parts List for Figure 2a

Ref.	Part No.	Description	Quantity
1	Ref	Frame Weldment	1
2	6111143	Mount Bracket, Caster W/A	2
3	99-E37	Flange Nut, 1/2	5
4	6111147	Bumper Weldment	2
5	99-K82	Bolt, Flange 1/2 X 2	4
6	02-CP0410	Cotter Pin, 1/8 X 1-1/4	2
7	99-B13	Washer, Mach 1" Id 14 Ga	2
8	55-L44643	Bearing, Taper	4
9	55-L44610	Bearing, Cup	4
10	6112062	Spacer, 5/8 ID X 1 OD X 1/2 (Serial No. 1001 - 1715)	8
11	89-017	Seal, 1-1/2 Shaft	2
12	90-1060	Bolt, 5/8 X 7-1/2 (Serial No. 1001 - 1715)	2
13	6111130	Caster Yoke Weldment	2
14	99-E42	Locknut, Nylon 5/8	2
15	53-166	Wheel, W/13 X 5.00 X 6 Cheng Shin (Serial No. 1001 - 1715)	2
	55-107	Bearing, 5/8 ID x 1-3/8 OD	2
16	29-010	Grease Fitting, 1/4 Short	2
17	99-E19	Castle Nut, 1-14 Nf (Axle Nut)	2
18	53-068	Grease Cap, 2"	2
19	99-K56	Bolt, Flange 1/2 x 1-1/2	1
20	95-10	Flat Washer, 5/8 SAE (Serial No. 1001 - 1715)	4
	95-10	Flat Washer, 5/8 SAE (Serial No. 1716 -)	8
21	53-182	Wheel, W/13 x 5.00-6 White Hub OAL 5-1/2" (Ser. No. 1716 -)	2
	53-188	Retainer, for 53-182/53-185	2
	55-113	Bearing, Roller 5/8 ID x 2-1/4 L	1
	55-114	Bearing, Roller 5/8 ID x 2-1/2 L	1
22	6111238	Bolt, Caster Wheel (Serial No. 1716 -)	2

Note: Quantities shown are for both left and right caster wheel assemblies.

Rear Bumper
Figure 3



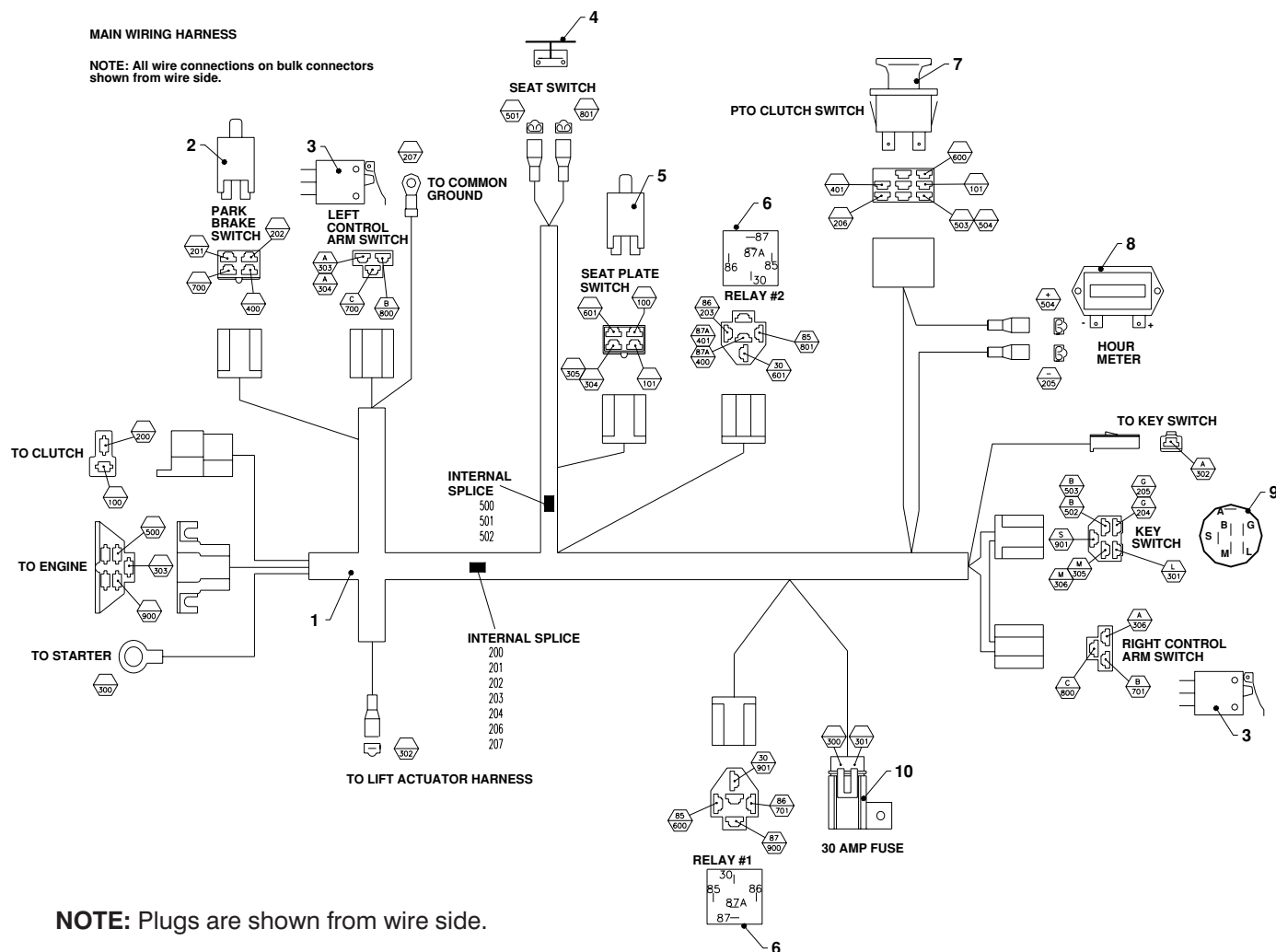
Serial No. 1777 & up

Parts List for Figure 3

Ref.	Part No.	Description	Quantity
1	6111225	Rear Bumper	1
2	6111020 (REF)	Frame Weldment (See Fig. 2, Ref. 1)(Kohler Engine)	
2A	6111272 (REF)	Frame Weldment (See Fig. 2, Ref. 1)(Kawasaki Engine)	
*	00-302	Decal, Warning Not for Towing	1
3	6111126 (REF)	Mount, Wheel Motor W/A Left (See Fig. 7, Ref. 10)	
4	99-K13	Bolt, Flange 3/8 X 1	2
5	99-E13	Flange Nut, 3/8	2
6	94-06	Flat Washer, 3/8	1
7	96-06	Lock Washer, 3/8	1
8	90-0608	Bolt, 3/8 X 1	1
9	F0003	Locknut, Nylon #10-24 (Serial No. 1636-1776, Kaw. Engine)	1
	F0003	Locknut, Nylon #10-24 (Serial No. 1777- 1791 , Kaw. Engine)	2
	99-E50	Locknut, Nylon #10-32 (Serial No. 1792- , Kaw. Engine)	2
10	01-033	Screw, Machine 10-24 X 1/2 (Ser. No. 1636-1776, Kaw. Engine)	1
	01-033	Screw, Machine 10-24 X 1/2 (Ser. No. 1777-1791, Kaw. Engine)	2
	01-027	Screw, Machine 10-32 X 5/8 (Ser. No. 1792- , Kaw. Engine)	2
11	35-067	Relay, Sealed Plastic (Serial No. 1636-1776, Kaw. Engine)	1
	35-067	Relay, Sealed Plastic (Serial No. 1777- , Kaw. Engine)	2
12	99-K31	Bolt, Flange 1/4 x 1/2	2
13	99-E20	Flange Nut, 1/4	2
14	99-G06	Shakeproof Washer, 1/4	1
15	REF	Fuel Pump (supplied w/Kawasaki engine)(See Fig. 12, Ref. 11)	

* Not Illustrated

Electrical Schematic
Figure 4



Main Harness Electrical Circuit Legend

Circuit No.	Gauge	Color	Destination
100	16	white	PTO clutch to seat plate switch
101	16	white	seat plate switch to PTO clutch switch
200	16	black	PTO clutch to internal splice
201	16	black	park brake switch to internal splice
202	16	black	park brake switch to internal splice
203	16	black	relay #2 (86) to internal splice
204	16	black	key switch (G) to internal splice
205	16	black	key switch (G) to hour meter (-)
206	16	black	PTO clutch switch to internal splice
207	16	black	common ground to internal splice

Parts List for Figure 4

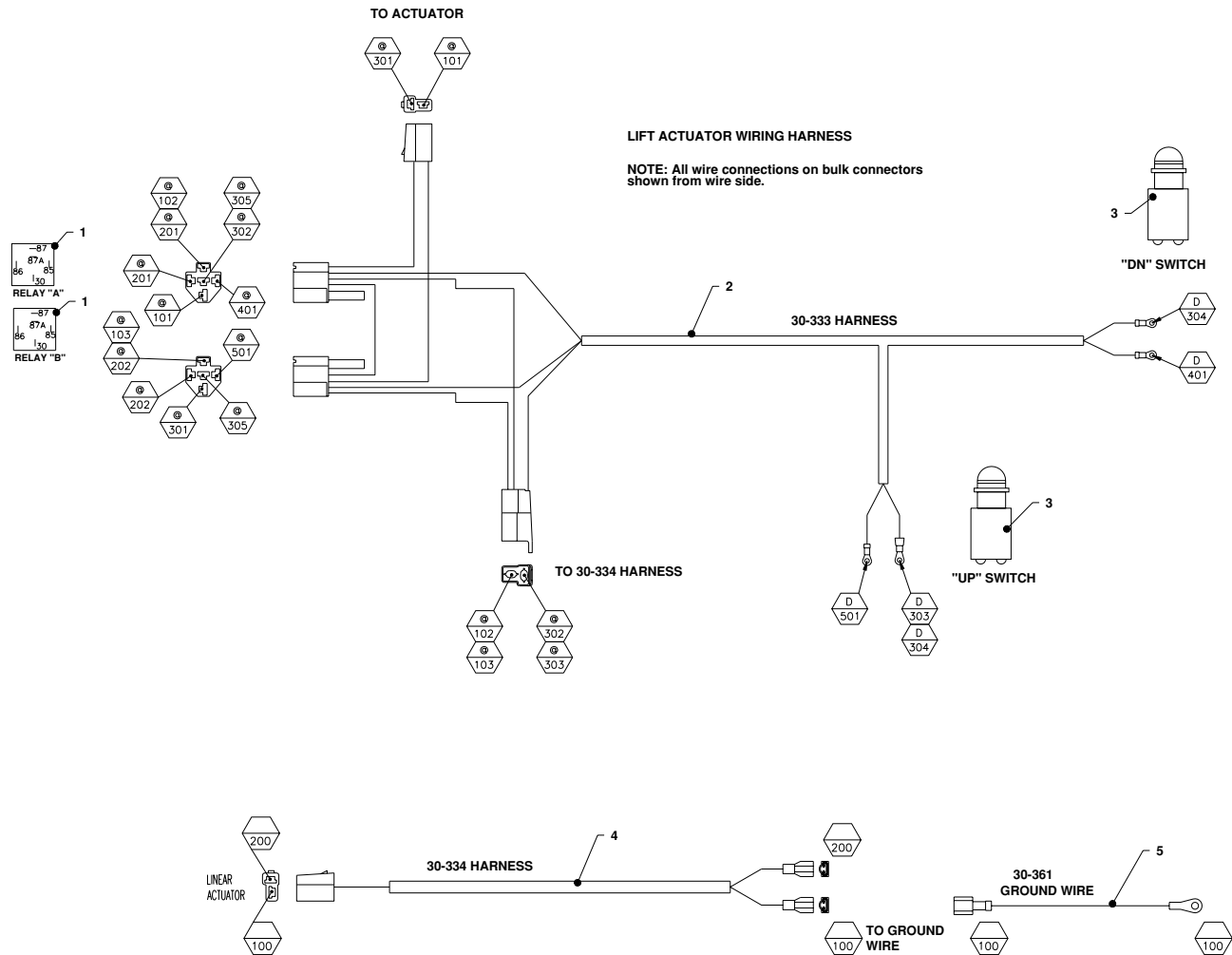
Ref.	Part No.	Description	Quantity
1	30-332	Wire Harness, Main	1
2	31-061	Switch, Park Brake Gray Plunger	1
3	31-063	Switch, W/Lever, Wires, Connector	2
4	31-032	Switch, Seat Norm.Open	1
5	31-060	Switch, Seat Plate Black Plunger	1
6	35-067	Relay, Sealed Plastic	2
7	31-062	Switch, Push-Pull PTO	1
8	35-113	Gauge, Hourmeter Quartz	1
9	31-033	Ignition Switch, Kohler	1
10	30-150	Fuse, 30 Amp Plug-Type	1
*	30-098	Cover, Pos. Battery Terminal	1
*	30-105	Cover, Neg. Battery Terminal	1
*	30-291	Strap, Braided Ground	1
*	30-354	Cover, Positive Cable	1
*	30-355	Battery Cable, 6 GA 16" Red	1
*	30-356	Battery Cable, 6 GA 16" Black	1
*	33-020	Battery	1
*	35-111	Clutch, Electric, Double Pulley	1
*	37-027	Actuator, Linear 4" Stroke	1

* Not Illustrated

Main Harness Electrical Circuit Legend (continued)

Circuit No.	Gauge	Color	Destination
300	14	red	starter battery terminal to 30 amp fuse
301	14	red	30 amp fuse to key switch (L)
302	16	red	key switch (A) to deck lift actuator harness
303	16	red/black	left control arm switch (A) to engine connector
304	16	red/black	left control arm switch (A) to seat plate switch
305	16	red/black	seat plate switch to key switch (M)
306	16	red/black	key switch (M) to right control arm switch (A)
400	16	yellow	relay #2 (87A) to park brake switch
401	16	yellow	relay #2 (87A) to PTO clutch switch
500	16	orange	engine connector to internal splice
501	16	orange	seat switch to internal splice
502	16	orange	key switch (B) to internal splice
503	16	orange	key switch (B) to PTO clutch switch
504	16	orange	PTO clutch switch to hour meter (+)
600	16	brown	PTO clutch switch to relay #1 (85)
601	16	brown	seat plate switch to relay #2 (30)
700	16	tan	park brake switch to left control arm switch (C)
701	16	tan	right control arm switch (B) to relay #1 (86)
800	16	green	right control arm switch (C) to left control arm switch (B)
801	16	green	seat switch to relay #2 (85)
900	16	gray	engine connector to relay #1 (87)
901	16	gray	relay #1 (30) to key switch (S)

Electrical Schematic
Figure 4A



Parts List for Figure 4A

Ref.	Part No.	Description	Quantity
1	35-067	Relay, Sealed Plastic	2
2	30-333	Wire Harness, Foot Switches	1
3	31-017	Switch, Push Button	2
4	30-334	Wire Harness	1
5	30-361	Wire, Ground	1

30-333 Harness Electrical Circuit Legend

Circuit No.	Gauge	Color	Destination
101	16	yellow	relay "A" (30) to actuator (yellow)
102	16	yellow	relay "A" (87) to 30-334 harness (yellow)
103	16	yellow	30-344 harness (yellow) to relay "B" (87)
201	16	black	relay "A" (85) to relay "A" (87)
202	16	black	relay "B" (87) to relay "B" (85)
301	16	red	relay "B" (30) to actuator (red)
302	16	red	relay "A" (87) to 30-334 harness (red)
303	16	red	30-334 harness (red) to "UP" switch
304	16	red	"UP" switch to "DN" switch
305	16	red	relay A (87A) to relay B (87A)
401	16	green	relay "A" (86) to relay down switch
501	16	green	relay "B" (86) to "UP" switch

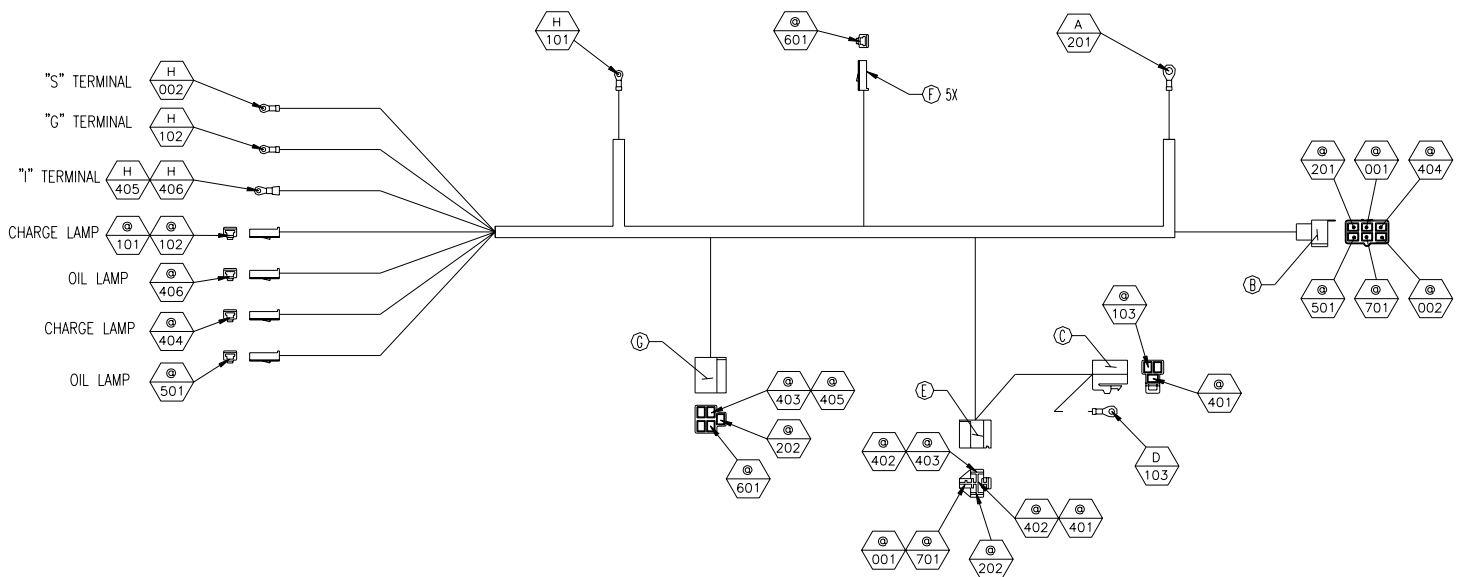
30-334 Harness Electrical Circuit Legend

Circuit No.	Gauge	Color	Destination
100	16	yellow	30-333 harness (yellow) to 30-335 ground wire
200	16	red	30-333 harness (red) to 30-332 harness (red)

30-335 Harness Electrical Circuit Legend

Circuit No.	Gauge	Color	Destination
100	16	black	30-334 harness (yellow) to common ground

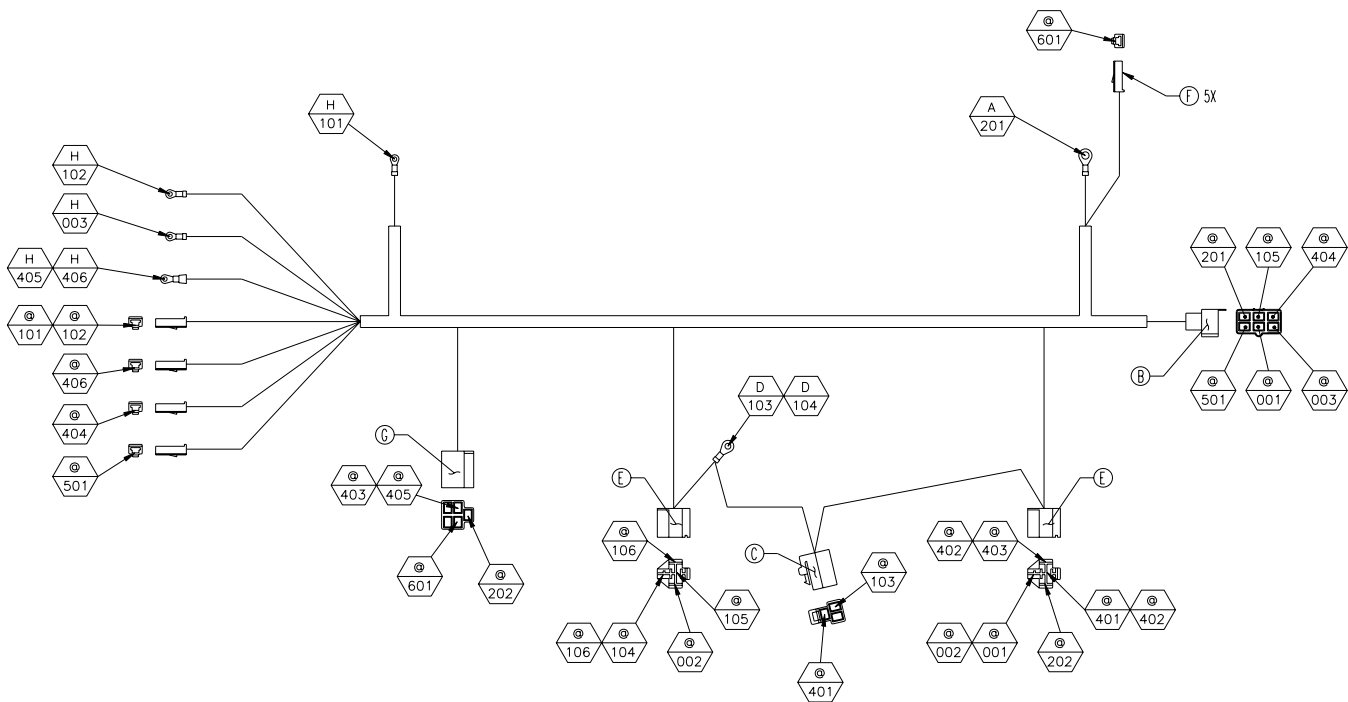
Electrical Schematic
Wire Harness
22 HP Kawasaki Engine
(Serial No. 1636-1776)
Figure 4B



30-380 Harness Electrical Circuit Legend

Circuit No.	Gauge	Color	Destination
001	16	yellow with white	terminal 30 on relay to ignition
002	16	yellow	temperature gauge terminal "S" to yellow @ engine plug
101	16	black	charge lamp to chassis ground
102	16	black	charge lamp to temperature gauge terminal "G"
103	16	black	fuel pump/black wire to chassis ground
201	16	red	starter terminal to red @ engine plug
202	16	red with black	red with black at existing harness to terminal 86 @ relay
401	16	orange	terminal 87A @ relay to red @ fuel pump
402	16	orange	terminal 85 @ relay to terminal 87A @ relay
403	16	orange	orange @ existing harness to terminal 85 @ relay
404	16	orange with white	charge lamp to orange @ engine plug
405	16	orange	terminal "I" @ temperature gauge to orange @ engine plug
406	16	orange	oil lamp to terminal "I" @ temperature gauge
501	16	blue with red	oil lamp to blue with red @ engine plug
601	16	gray	gray @ existing harness plug to starter solenoid
701	16	brown	terminal 30 @ relay to brown @ engine plug

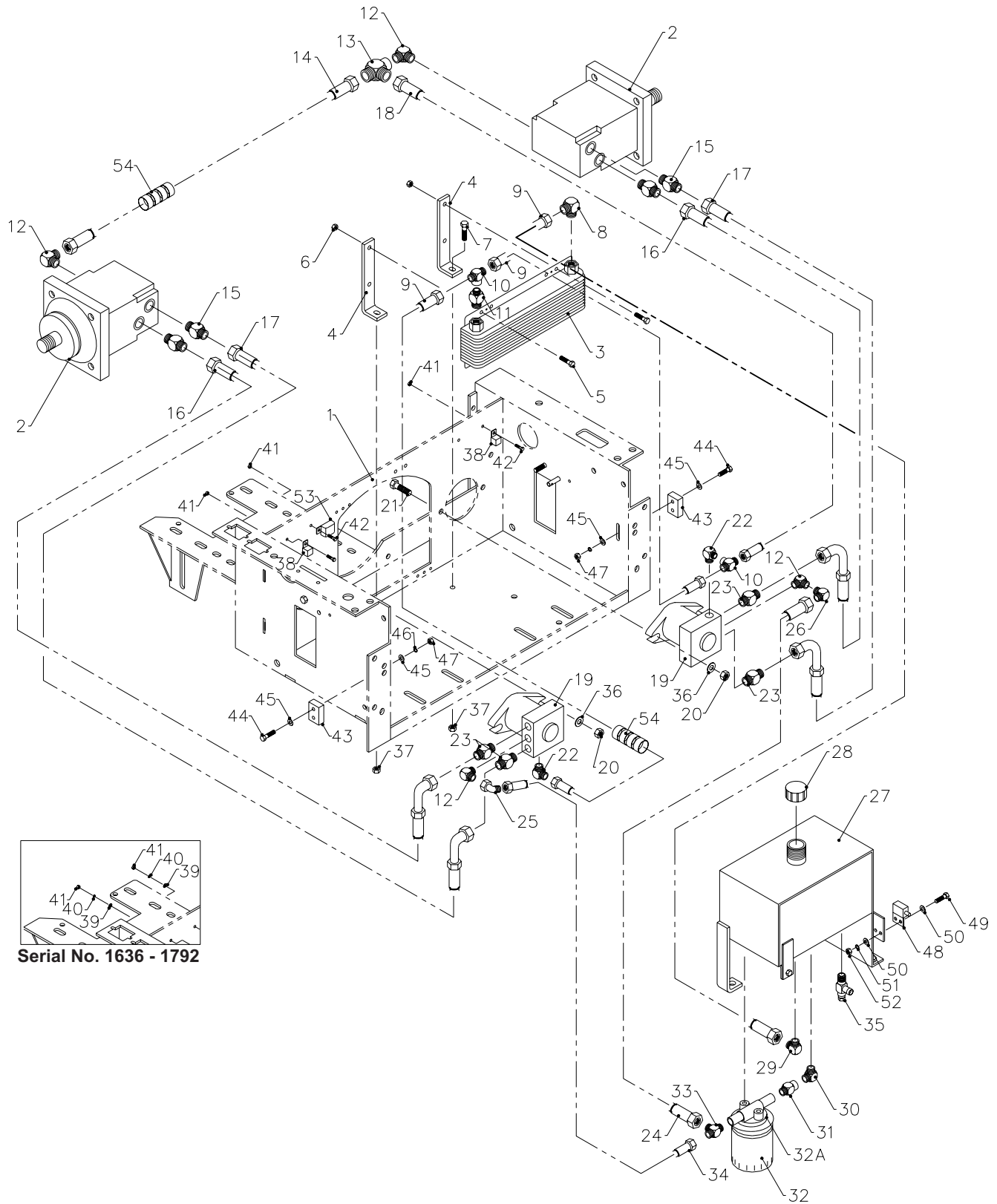
Electrical Schematic
Wire Harness
27 HP Kawasaki Engine
(Serial No. 1777 -)
Figure 4C



30-386 Harness Electrical Circuit Legend

Circuit No.	Gauge	Color	Destination
001	16	yellow with white	terminal 30 on relay to ignition
002	16	yellow with white	terminal 85 on relay to terminal 30 on relay
003	16	yellow	temperature gauge "S" terminal to yellow @ engine plug
101	16	black	charge lamp to chassis ground
102	16	black	charge lamp to temperature gauge terminal "G"
103	16	black	fuel pump/black wire to chassis ground
104	16	black	chassis ground to terminal 30 @ relay
105	16	black	terminal 87A @ relay to engine plug
106	16	black	terminal 30 @ relay to terminal 85 @ relay
201	16	red	starter terminal to red @ engine plug
202	16	red with black	red with black @ existing harness to terminal 86 @ relay
401	16	orange	red @ fuel pump to terminal 87A @ relay
402	16	orange	terminal 87A @ relay to terminal 85 @ relay
403	16	orange	orange @ existing harness to terminal 85 @ relay
404	16	orange with white	charge lamp to orange @ engine plug
405	16	orange	terminal "I" @ temperature gauge to orange @ engine plug
406	16	orange	oil lamp to terminal "I" @ temperature gauge
501	16	blue with red	oil lamp to blue with red @ engine plug
601	16	gray	gray @ existing harness plug to starter solenoid

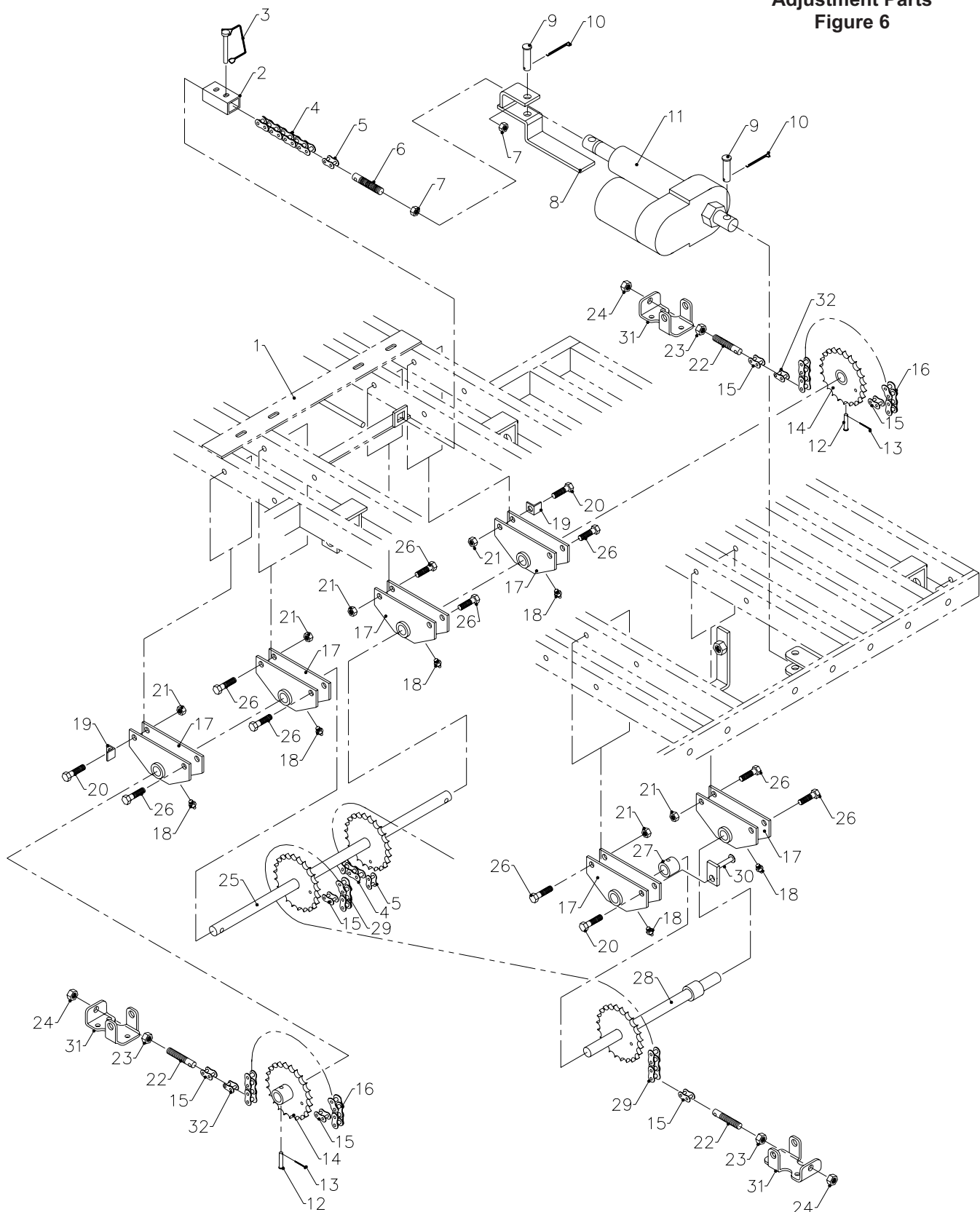
Hydraulic Components
Figure 5



Parts List for Figure 5

Ref.	Part No.	Description	Quantity
1	REF	Power Box Weldment	
2	21-104	Motor, Hydraulic Wheel	2
3	21-106	Cooler, Hydraulic Oil	1
4	6111181	Mounting Bracket, Oil Cooler	2
5	99-K31	Bolt, Flange 1/4 X 1/2	4
6	99-E20	Flange Nut, 1/4	4
7	99-K02	Flange Bolt, 5/16 x 1	2
8	25-2103-8-6	Fitting, 90 -8 MPT X -6 M JIC	1
9	22-055	Hose, Push Lock 3/8 x 13-1/2	3
10	25-393T-6-6	Fitting, Tee 1/-6 FJIC SWIV X 2/-6 MJIC	2
11	25-0103-8-6	Fitting, Str -8 MPT X -6 M JIC	1
12	25-2503-4-6	Fitting, 90 -4 M ORB X -6 M JIC	4
13	25-063T-6-6	Fitting, Tee -6 FJIC/ 2)-6 MJIC	1
14	22-054	Hose, Push Lock 3/8 x 23 (61" deck)	1
	22-057	Hose, Push Lock 3/8 x 16-1/2 (52" deck)	1
15	25-0503-10-8	Fitting, Str -10 M ORB/-8 M JIC	4
16	20-171	Hose, 1/2 x 21-1/2 -8 FJIC	2
17	20-170	Hose, 1/2 x 15-1/2 -8 FJIC (61" deck)	2
	20-198	Hose, 1/2 x 16-1/2 -8 FJIC (52" deck)	2
18	22-053	Hose, Push Lock 3/8 x 29	1
19	21-105	Pump, Hydrostatic Var. Disp.	2
	03-023	Pin, Taper #5 X 2-1/2	1
20	F3013	Locknut, Stover Flanged 3/8	4
21	90-0610	Bolt, 1/4 X 1-1/4	4
22	25-2503-6-6	Fitting, 90 -6 M ORB X -6 M JIC	2
23	25-0503-8-8	Fitting, Str -8 M ORB/-8 M JIC	4
24	22-052	Hose, Push Lock 3/8 x 20-1/4	1
25	25-3703-6-6	Fitting, 45 -6 MJIC X -6 F.JIC	1
26	25-3903-6-6	Fitting, 90 -6 MJIC X -6 F.JIC	1
27	6111131	Oil Tank Weldment	1
28	21-098	Cap, Breather 3/4 MPT	1
29	25-2103-6-6	Fitting, 90 -6 MPT X -6 M JIC	1
30	25-2103-4-6	Fitting, 90 -4 MPT X -6 M JIC	1
31	25-0506-6-6	Fitting, Str -6 M ORB/-6 F JIC	1
32	21-129	Filter, Hydraulic	1
32A	21-109	Filter Head, -6 ORB No By-Pass	1
33	25-053T-6-6	Fitting, Run Tee -6 M ORB (X1)	1
34	22-056	Hose, Push Lock 3/8 x 6-1/4	1
35	13-075	Valve, Oil Drain	1
36	95-06	Flat Washer, 3/8 SAE	4
37	99-E12	Flange Nut, 5/16	2
38	35-067	Relay	2
39	01-028	Washer, Flat #10 SAE (Serial No. 1636 - 1791)	3
40	01-018	Lockwasher, #10 (Serial No. 1636 - 1791)	3
41	01-013	Nut, #10-32 (Serial No. 1636 - 1791)	3
	99-E50	Locknut, Nylon #10-32 UNF (Serial No. 1792 -)	3
42	01-027	Screw, Machine 10-32 x 5/8	3
43	31-063	Switch, Control Arm	2
44	F0027	Screw, Round Head -#6-32 x 3/4	4
45	F0061	Washer, Flat .147 ID x 5/16 OD	8
46	01-024	Lockwasher, #6	4
47	01-023	Nut, Hex Mach. #6-32	4
48	31-060	Test Switch	1
49	01-025	Screw, Machine 8-32 x 5/8	2
50	01-009	Washer, Flat #8 SAE	4
51	01-005	Lockwasher, #8	2
52	01-004	Nut, #8-32	2
53	REF	Fuse Block	
54	30-108	Spiral Wrap, 5/8" /ft	1.17ft

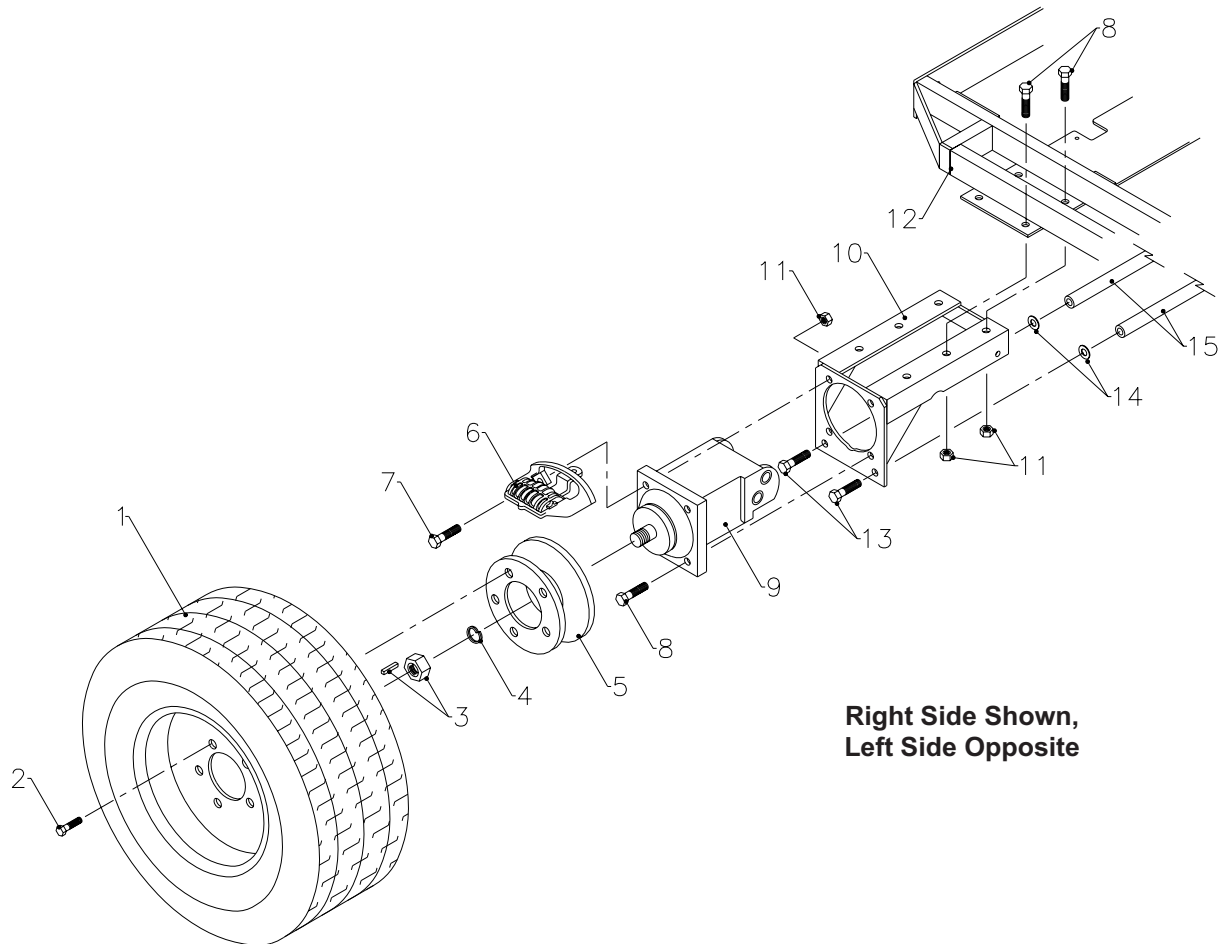
Cutting Deck Height
Adjustment Parts
Figure 6



Parts List for Figure 6

Ref.	Part No.	Description	Quantity
1	REF	Frame Weldment	
2	6111098	Weldment, Positive Deck Stop	1
3	6111015	Pin, Positive Deck Stop	1
4	6111213	Roller Chain, Actuator	1
5	81-024	Connector Link, #60	2
6	6111171	Stud, 1/2 X 2 5/8 W/ Hole	1
7	99-E10	Jam Nut, 1/2	2
8	6111115	Mount, Chain Bracket	1
9	03-0816	Clevis Pin, 1/2 X 2	2
10	02-CP0508	Cotter Pin, 5/32 X 1	2
11	37-027	Actuator, Linear 4" Stroke	1
12	03-0410H	Clevis Pin, 1/4 X 1-1/4 Heat Treated	2
13	02-CP0304	Cotter Pin, 3/32 X 1/2	2
14	6111076	Sprocket Weldment	2
15	81-056	Connector Link, #40	6
16	6111230	Roller Chain, Deck Rear	2
17	6111153	Brace, Deck Mount	6
18	29-010	Grease Fitting, 1/4	6
19	6111106	Guide, Chain	2
20	90-0616	Bolt, 3/8 X 2	3
21	99-E13	Flange Nut, 3/8	12
22	6111016	Stud, Deck Lift	3
23	REF	Jam Nut, 7/16 UNC (See Section 6, 7)	
24	REF	Flange Nut, 7/16 (See Section 6, 7)	
25	6111084	Shaft, Rear Deck Lift W/A	1
26	90-0614	Bolt, 3/8 X 1-3/4	9
27	6111081	Spacer, Deck Lift	1
28	6111083	Shaft, Front Deck Lift W/A	1
29	6111229	Roller Chain, Deck Front	1
30	6111100	Clutch Stop & Chain Guide	1
31	REF	Bracket, Deck Lift (See Section 6, 7)	
32	81-076	Halflink, #40 (Serial No. 1950 -)	2

Wheel Assemblies
Figure 7



Right Side Shown,
Left Side Opposite

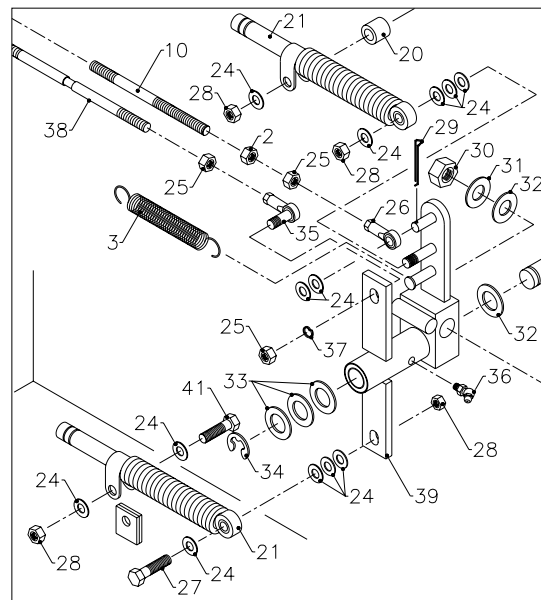
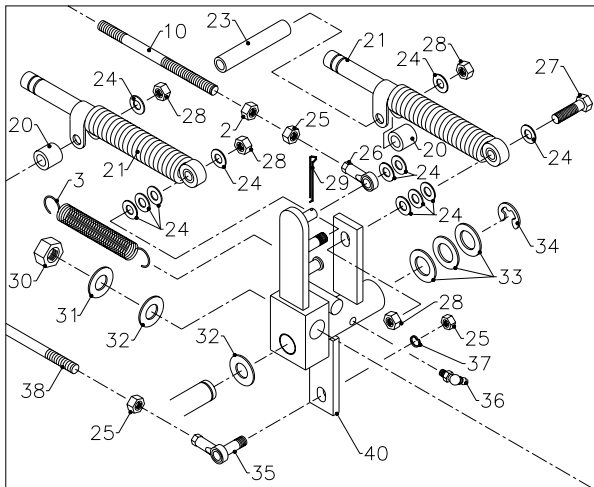
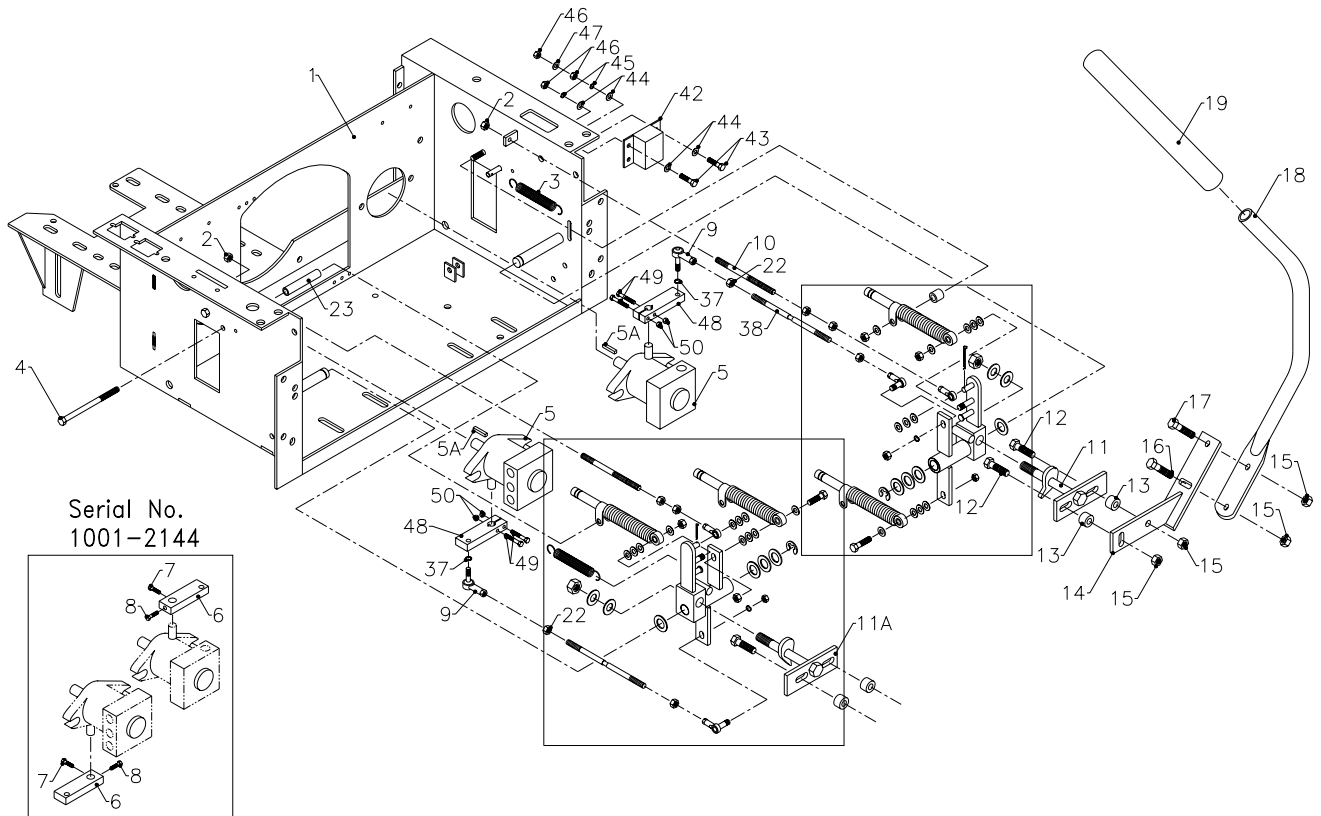
Parts List for Figure 7

Ref.	Part No.	Description	Quantity
1	53-179	Wheel, W/23 X 10.50 X 12 (used with ZTMD52)	2
	53-190	Rim, 12 x 10.5 white	1
	53-191	Tire, 23 x 10.50 - 12	1
	53-167	Wheel, W/24 X 12.00 X 12 (used with ZTMD61)	2
	53-189	Rim, 12 x 12 white	1
	53-154	Tire, 24 x 12 - 12	1
2	99-K81	Bolt, Wheel 7/16 X 3/4	10
3	21-14163-000	Nut for Wheel Motor (Ref. 9)	1
	21-14392-006	Key for Wheel Motor (Ref. 9)	1
4	99-G11	Lockwasher, 1" External Tooth	2
5	53-163	Wheel Hub And Disc 5-Hole	2
6	6111201	Brake, Right Assembly (Cw)	1
*	53-184	Kit, Brake Pad Service	1
*	6111202	Brake, Left Assembly (Ccw)	1
*	53-184	Kit, Brake Pad Service	1
7	99-K82	Bolt, Flange 1/2 X 2	4
8	99-K56	Bolt, Flange 1/2 X 1-1/2	4
9	21-104	Motor, Hydraulic Wheel 14.9 Cir	2
10	6111127	Mount, Wheel Motor W/A Right	1
*	6111126	Mount, Wheel Motor W/A Left	1
11	99-E37	Flange Nut, 1/2	16
12	6111020 (REF)	Frame Weldment (Kohler Engine)(See Fig. 2, Ref. 1)	
	6111272 (REF)	Frame Weldment (Kawasaki Engine)(See Fig. 2, Ref. 1)	
13	99-K50	Bolt, Flange 1/2 x 1	12
14	95-08	Flat Washer, 1/2 SAE	4
15	6111212	Tie Rod, ZTMD61	2
	6111234	Tie Rod, ZTMD52	2

* Not Illustrated

Note: Quantities shown are for both left and right wheel assemblies.

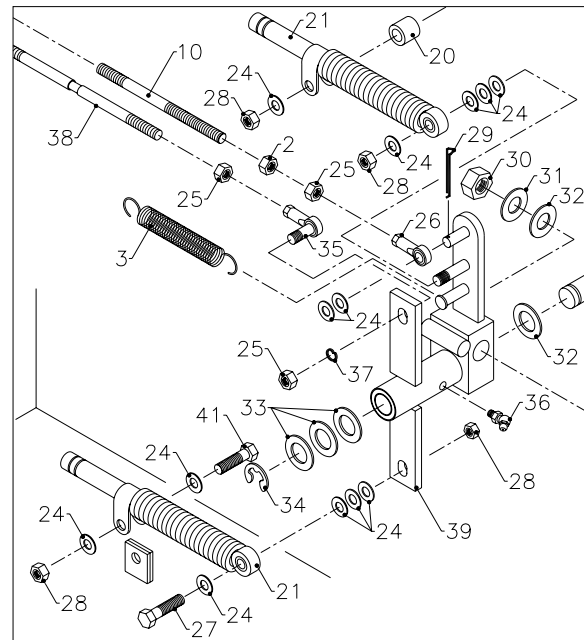
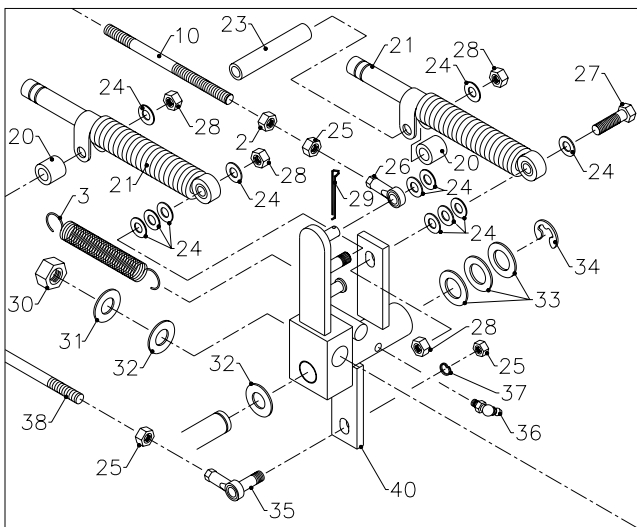
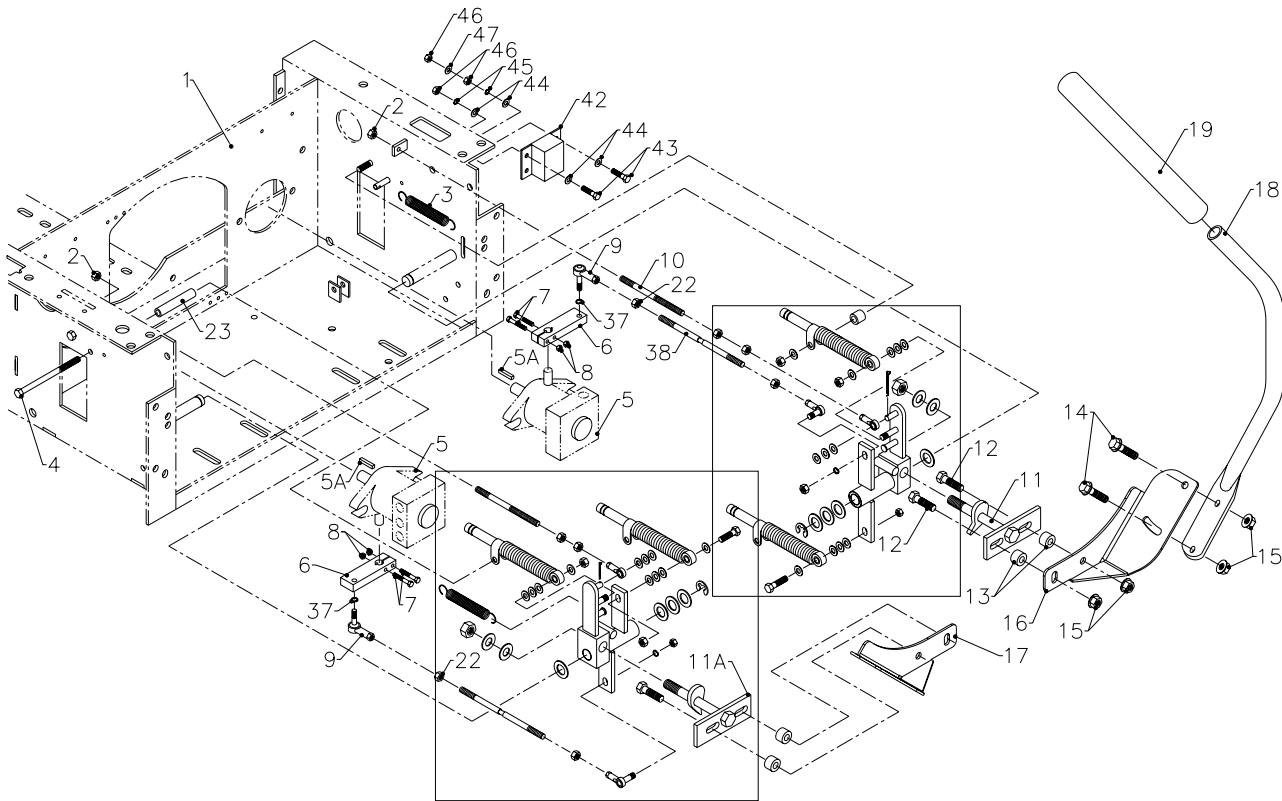
Power Box (front) Drive Parts
Figure 8
Prior to Serial No. 2188



Parts List for Figure 8

Ref.	Part No.	Description	Quantity
1	REF	Power Box Weldment	
2	99-E63	Jam Nut, 5/16	8
3	41-088	Spring, Ext. 0.70 OD X 4.187 L	2
4	6111169	Bolt, Damper Mount	1
5	REF	Pump, Hydrostatic Var. Disp.	
	03-023	Pin, Taper #5 X 2-1/2	1
5A	85-K101	Key, 5mm Square x 28mm	2
6	6111008	Lever, Pump Control (Serial No. 1001 - 2144)	2
7	85-SS24	Set Screw, 1/4 X 5/8 Square Head, Cone Point (SN 1001-2144)	2
8	85-SS23	Set Screw, 1/4 X 1/2 Sq.Hd. Serrated Cup Point (SN 1001-2144)	2
9	43-005SL	Rod End, 5/16 Stud LH	2
10	6111011	Control Rod, Stop	2
11	6111157	Mount Bracket./Left Control Lever	1
11A	6111158	Mount Bracket/Right Control Lever	1
12	97-0610	Carriage Bolt, 3/8 X 1-1/4	4
13	6111013	Spacer, 25/64 ID X 1 OD	4
14	6111161	Mount Bracket, Control Lever	2
15	99-E13	Flange Nut, 3/8	8
16	97-0608	Carriage Bolt, 3/8 X 1	2
17	90-0608	Bolt, 3/8 X 1	2
18	6111048	Control Lever	2
19	47-132	Handle Grip, .97 ID X 16" IL	2
20	6111217	Spacer	3
21	47-128	Stabilizer, Shock Absorber	4
22	93-05LH	Nut, 5/16 NF	2
23	6111218	Spacer	1
24	95-05	Flat Washer, 5/16 SAE	24
25	93-05	Nut, 5/16 NF	4
26	43-005B	Rod End, 5/16" Stamped Female	2
27	90-0512	Bolt, 5/16 X 1-1/2	2
28	99-A05	Locknut, Stover 5/16	8
29	02-CP0406	Cotter Pin, 1/8 X 3/4	2
30	99-E41	Locknut, Nylon 1/2	2
31	99-B61	Washer, 1/2 Belleville	2
32	95-08	Flat Washer, 1/2 SAE	4
33	F5054	Washer, Mach. 1/2 X 7/8 X .032	6
34	04-021	Retaining Ring, 1/2" External	2
35	43-005S	Rod End, 5/16 Stud	2
36	29-045	Grease Fitting, 1/4 45-Degrees	2
37	96-05	Lock Washer, 5/16	4
38	6111012	Control Rod, 6-1/2"	2
39	6111167	Lever Block, Left	1
40	6111168	Lever Block, Right	1
41	90-0510	Bolt, 5/16 x 1-1/4	1
42	31-061	Switch, Park Brake	1
43	01-003	Screw, Machine 8-32 x 3/4	2
44	01-009	Washer, Flat #8 SAE	4
45	01-005	Lockwasher, #8	2
46	01-004	Nut, #8-32	3
47	99-G08	Shakeproof Washer, #8	1
48	6111371	Lever, Pump Control (Serial No. 2145 -)	2
49	07-0508035	Metric Bolt, M5-0.80 x 35 (Serial No. 2145 -)	4
50	07-D002	Nut, Metric M5-0.80 Top Lock (Serial No. 2145 -)	4

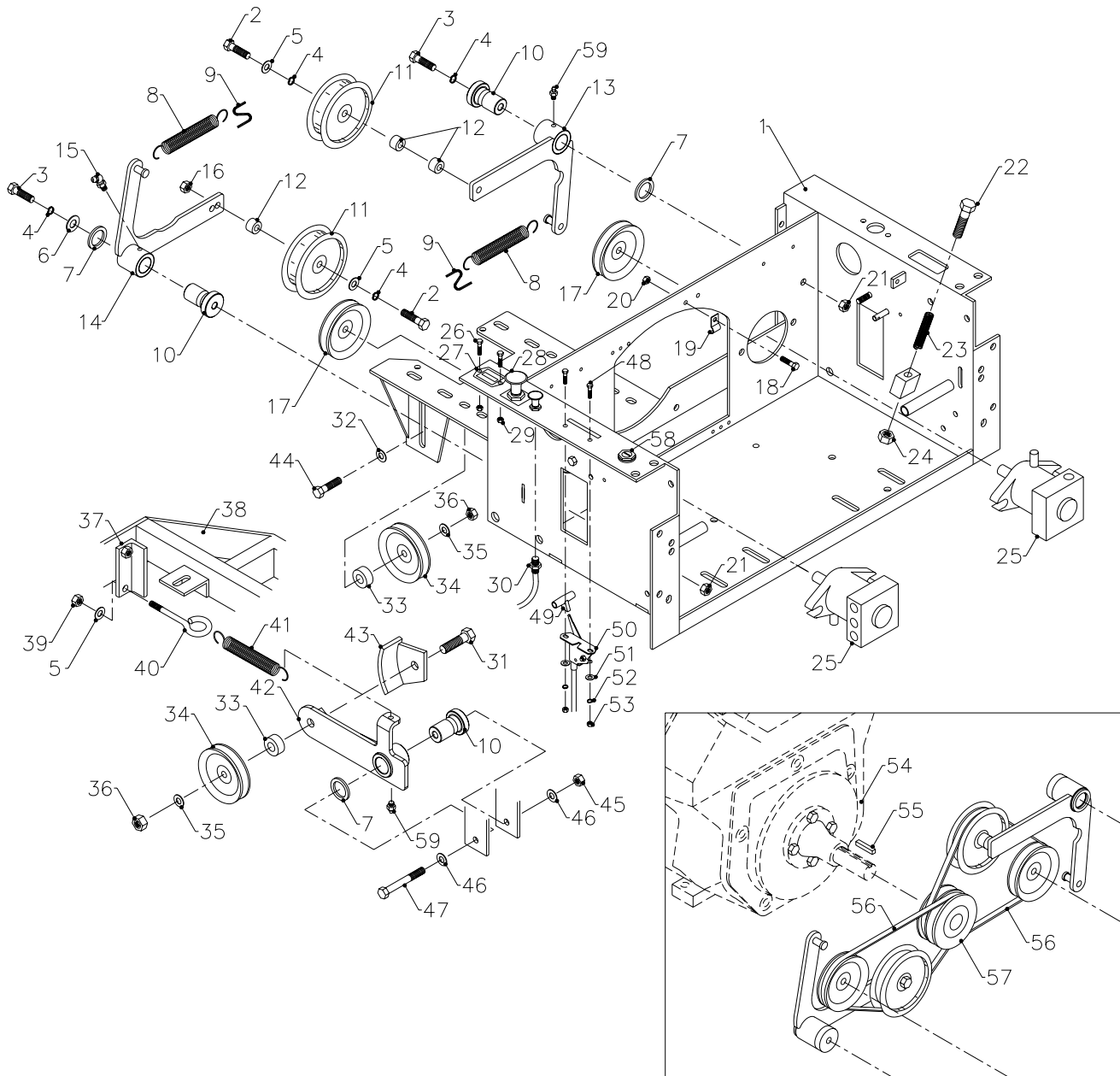
Power Box (front) Drive Parts
Figure 8A
Serial No. 2188 & Up



Parts List for Figure 8A

Ref.	Part No.	Description	Quantity
1	REF	Power Box Weldment	
2	99-E63	Jam Nut, 5/16	8
3	41-097	Spring, Ext 0.70 OD x 3-11/16	2
4	6111169	Bolt, Damper Mount	1
5	REF	Pump, Hydrostatic Var. Disp.	
5A	85-K101	Key, 5mm Square x 28mm	2
6	6111371	Lever, Pump Control	2
7	07-0508035	Metric Bolt, M5-0.80 x 35	4
8	07-D002	Nut, Metric M5-0.80 Top Lock	4
9	43-005SL	Rod End, 5/16 Stud LH	2
10	6111011	Control Rod, Stop	2
11	6111157	Mount Bracket./Left Control Lever	1
11A	6111158	Mount Bracket/Right Control Lever	1
12	97-0610	Carriage Bolt, 3/8 x 1-1/4	4
13	6111013	Spacer, 25/64 ID x 1 OD	4
14	99-K11	Bolt, Flange 3/8-16 x 3/4	4
15	99-E13	Flange Nut, 3/8	8
16	6111363	Bracket, LH Lever Mounting	1
17	6111364	Bracket, RH Lever Mounting	1
18	6111048	Control Lever	2
19	47-132	Handle Grip, .97 ID X 16" IL	2
20	6111217	Spacer	3
21	47-128	Stabilizer, Shock Absorber	4
22	93-05LH	Nut, 5/16 NF	2
23	6111218	Spacer	1
24	95-05	Flat Washer, 5/16 SAE	24
25	93-05	Nut, 5/16 NF	4
26	43-005B	Rod End, 5/16" Stamped Female	2
27	90-0512	Bolt, 5/16 X 1-1/2	2
28	99-A05	Locknut, Stover 5/16	8
29	02-CP0406	Cotter Pin, 1/8 X 3/4	2
30	99-E41	Locknut, Nylon 1/2	2
31	99-B61	Washer, 1/2 Belleville	2
32	95-08	Flat Washer, 1/2 SAE	4
33	F5054	Washer, Mach. 1/2 X 7/8 X .032	6
34	04-021	Retaining Ring, 1/2" External	2
35	43-005S	Rod End, 5/16 Stud	2
36	29-045	Grease Fitting, 1/4 45-Degrees	2
37	96-05	Lock Washer, 5/16	4
38	6111012	Control Rod, 6-1/2"	2
39	6111167	Lever Block, Left	1
40	6111168	Lever Block, Right	1
41	90-0510	Bolt, 5/16 x 1-1/4	1
42	31-061	Switch, Park Brake	1
43	01-003	Screw, Machine 8-32 x 3/4	2
44	01-009	Washer, Flat #8 SAE	4
45	01-005	Lockwasher, #8	2
46	01-004	Nut, #8-32	3
47	99-G08	Shakeproof Washer, #8	1

Power Box (rear) Drive Parts
Figure 9



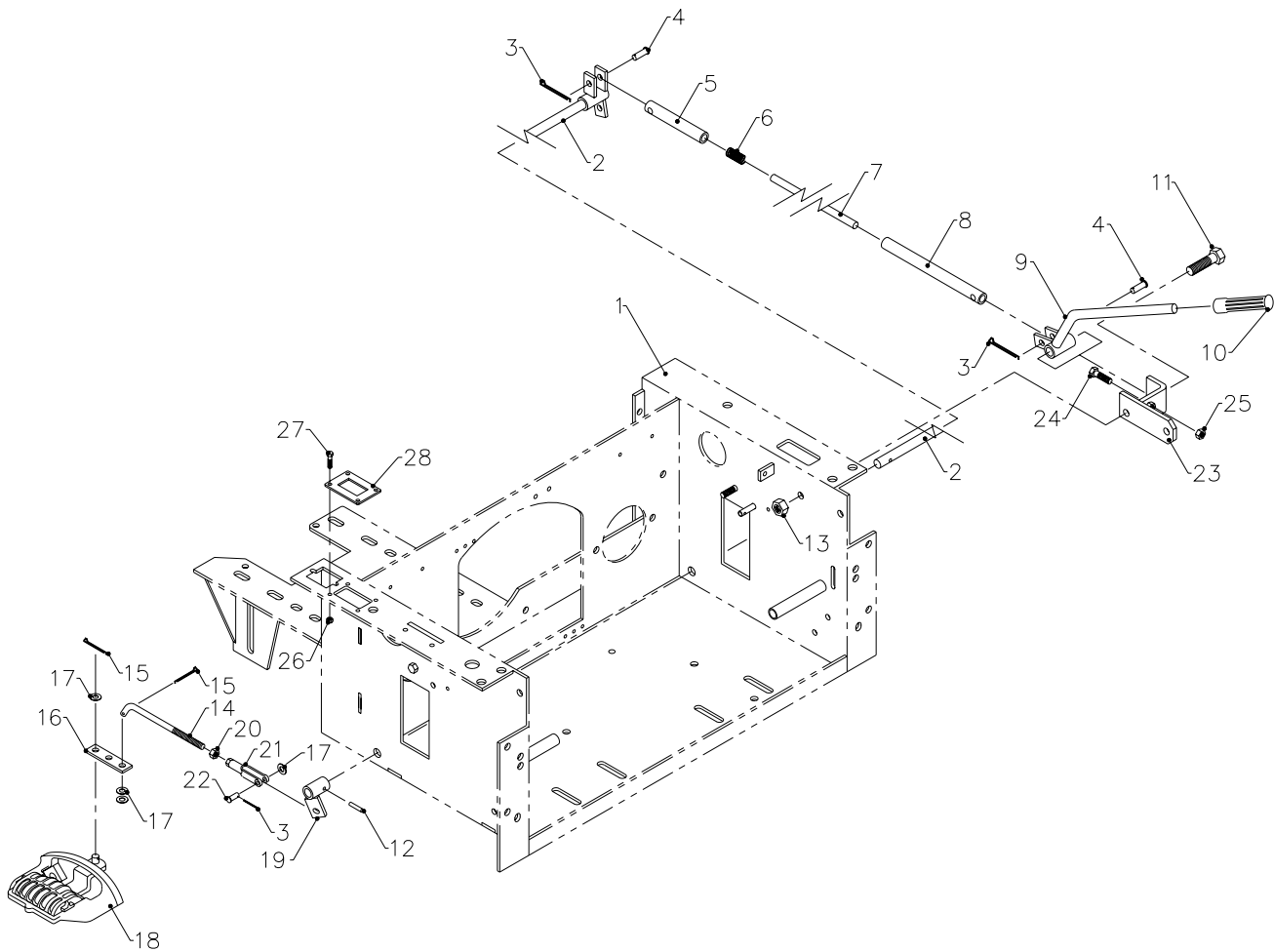
Parts List for Figure 9

Ref.	Part No.	Description	Quantity
1	REF	Power Box Weldment	
2	90-0614	Bolt, 3/8 X 1-3/4	2
3	90-0622	Bolt, 3/8 x 2-3/4	1
4	96-06	Lockwasher, 3/8	4
5	95-06	Flat Washer, 3/8 SAE	2
6	99-B10	Washer, 13/32 ID X 1-1/2 OD	1
7	99-B13	Washer, Mach 1" ID 14 GA	3
8	41-088	Spring, Ext. 0.70 OD x 4.187	2
9	03-022	Clip, Peg Board Hook	2
10	6111014	Pivot Shaft	3

Parts List for Figure 9 (continued)

Ref.	Part No.	Description	Quantity
11	83-046	Idler, Flat 4.12" OD	2
12	6111013	Spacer, 25/64 ID X 1 OD	3
13	6111186	Tension Arm, Left	1
14	6111185	Tension Arm, Right	1
15	29-014	Grease Fitting, 1/4 90 Degrees	1
16	99-E13	Flange Nut, 3/8	1
17	6111009	Sheave, Special AK41	2
18	99-K31	Bolt, Flange 1/4 X 1/2	1
19	30-082	Clamp, Insulated Half	1
20	99-E20	Flange Nut, 1/4	1
21	F3013	Nut, Flanged Stover Lock 3/8	2
22	90-0832	Bolt, 1/2 X 4	2
23	41-087	Spring, Comp .724 OD X 2 OAL	2
24	99-E41	Locknut, Nylon 1/2	2
25	REF	Pump, Hydrostatic Var. Disp.	
26	F0027	Screw, Round Head #6-32 x 3/4	2
27	35-113	Gauge, Hourmeter Quartz	1
28	31-062	Switch, Push-Pull PTO	1
29	01-042	Nut, Nylon Lock #6-32	2
30	47-129	Cable, Choke 32" (Kohler engine)	1
	47-085	Cable, Choke 44" (Kawasaki engine)	1
31	90-0820	Bolt, 1/2 X 2-1/2	1
32	94-08	Flat Washer, 1/2	1
33	6111304	Spacer	2
34	83-051	Idler, V-Groove 5.06" OD	2
35	95-08	Flat Washer, 1/2 SAE	2
36	99-A08	Locknut, Stover 1/2	2
37	6111295	Mount, Spring	1
38	REF	Frame Weldment	
39	99-E40	Locknut, Nylon 3/8	1
40	99-K18	Eyebolt, 3/8 x 3-7/8	1
41	41-094	Spring, Ext. 1.4 OD X 5.5 Long	1
42	6111301	Tension Arm Weldment (Prior to Serial No. 2174 - Kohler)	1
	6111301	Tension Arm Weldment (Prior to Serial No. 2196 - Kawasaki)	1
	6111385	Arm, Tension W/A (Serial No. 2174 & up - Kohler)	1
	6111385	Arm, Tension W/A (Serial No. 2196 & up - Kawasaki)	1
43	6111298	Idler Guard Weldment	1
44	90-0818	Bolt, 1/2 X 2-1/4	1
45	99-A06	Locknut, Stover 3/8	1
46	94-06	Flat Washer, 3/8	2
47	90-0626	Bolt, 3/8 X 3-1/4	1
48	01-027	Screw, Machine 10-32 X 5/8	2
49	47-131	Knob, Press On "T" Black	1
50	47-130	Cable, Throttle 35" (Kohler engine)	1
	47-143	Cable, Throttle 42" (Kawasaki engine)	1
51	01-028	Washer, Flat #10 SAE	2
52	01-018	Lockwasher, #10	2
53	01-013	Nut, #10-32	2
54	REF	Engine, Kohler CH25 OHV	
55	85-K0410	Key, Square 1/4 X 1/4 X 1-1/4	1
56	81-094	Belt, 29"	2
57	83-2AK4116	Sheave, 2AK41 X 1" Bore	1
58	31-033	Ignition Switch, Kohler	1
59	29-010	Grease Fitting, 1/4 Short	2

Parking Brake Assembly
Figure 10



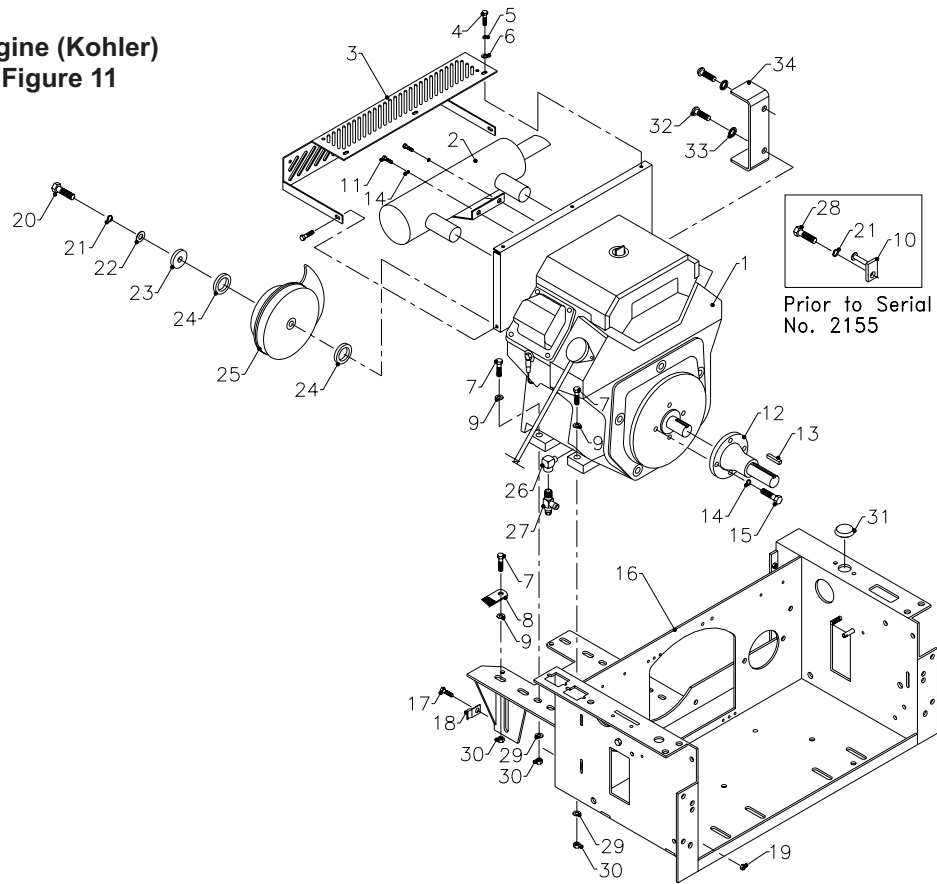
Parts List for Figure 10

Ref.	Part No.	Description	Quantity
1	REF	Power Box Weldment	
2	6111183	Brake Rod	1
3	02-CP0406	Cotter Pin, 1/8 X 3/4	3
4	03-0510	Clevis Pin, 5/16 X 1-1/4	2
5	6111177	Tube, Brake	1
6	41-091	Spring, Comp. 11/16 OAL	1
7	6111176	Compression Rod, Brake	1
8	6111178	Tube, Brake	1
9	6111090	Lever, Brake	1
10	47-133	Handle Grip, 1/2 ID X 4-5/8 L	1
11	99-K80	Bolt, Shoulder 1/2 X 1-7/8	1
12	02-RP0610	Roll Pin, 3/16 X 1-1/4	1
13	99-E13	Flange Nut, 3/8	1
14	6111017	Rod, Parking Brake	2
15	02-CP0404	Cotter Pin, 1/8 X 1/2	2
16	6111175	Plate, Brake Linkage	2
17	94-05	Flat Washer, 5/16	6
18	6111201	Brake Assembly, Right	1
*	6111202	Brake Assembly, Left	1
19	6111182	Park Brake Weldment	1
20	93-05	Nut, 5/16 NF	2
21	43-Y0505F	Yoke End, 5/16 X 5/16 Pin	2
22	03-0510	Clevis Pin, 5/16 X 1-1/4	2
23	6111209	Mount Bracket, Brake Lever	1
24	90-0510	Bolt, 5/16 x 1-1/4	1
25	99-E52	Jam Nut, 5/16	1
26	F0001	Nut, Nylon Insert - #8-32 UNC	4
27	01-025	Screw, Machine 8-32 x 5/8	4
28	6111292	Mount Plate, PTO Switch	1

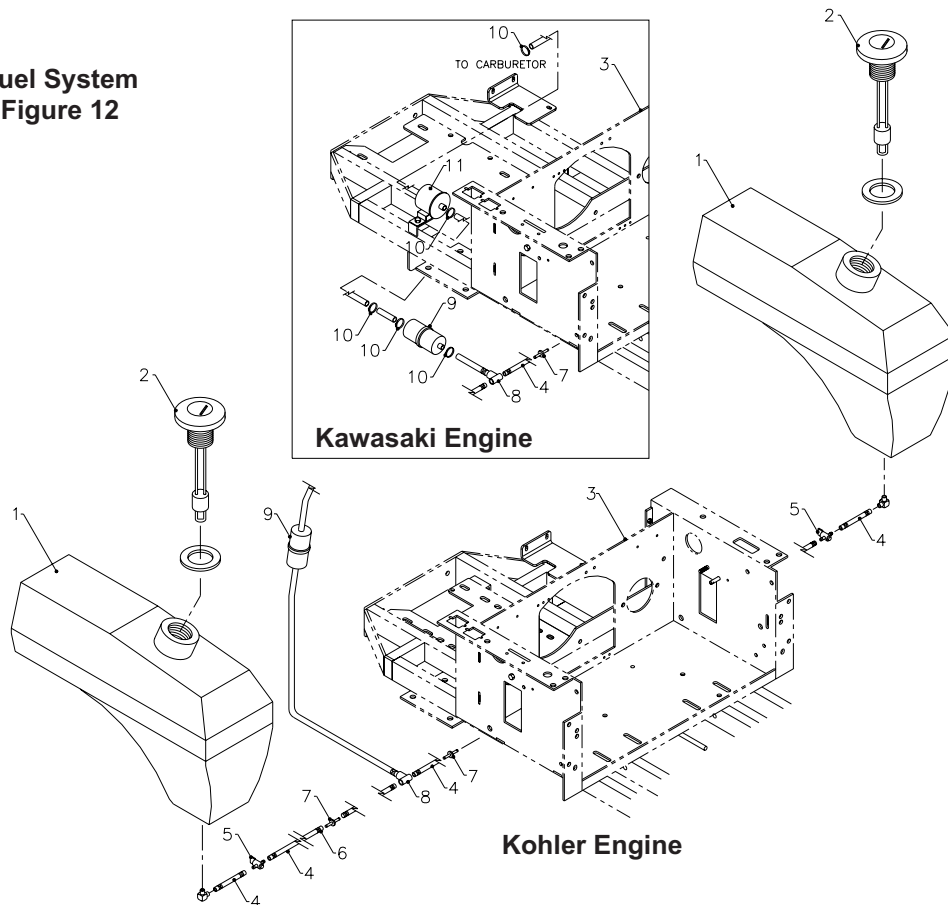
* Not Illustrated

Note: Quantities shown are for both left and right parking brake assemblies.

**Engine (Kohler)
Figure 11**



**Fuel System
Figure 12**



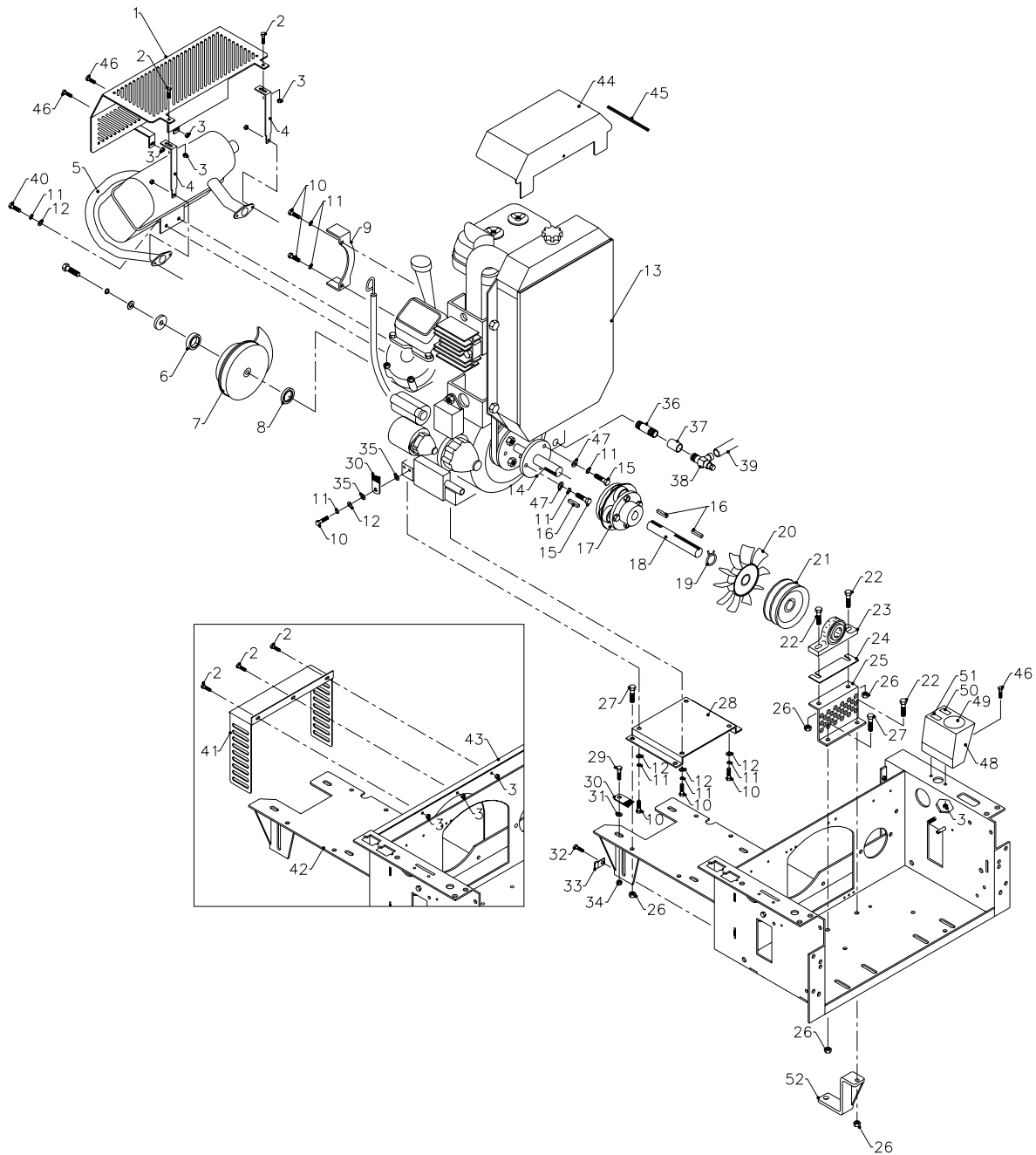
Parts List for Figure 11

Ref.	Part No.	Description	Quantity
1	13-078	Engine, Kohler CH25 OHV	1
	13-24-083-03	Element, Air Cleaner	1
	13-24-083-05	Element, Precleaner	1
	13-12-050-01	Oil Filter	1
2	13-071	Muffler, Kohler	1
3	6111007	Shield, Muffler	1
4	07-0610012	Metric Bolt, M6-1.00 x 12	3
5	07-C06	Lockwasher, 6mm	3
6	07-A08	Flat Washer, 8mm4	3
7	90-0514	Bolt, 5/16 X 1-3/4	4
8	30-291	Strap, Braided Ground	1
9	99-G03	Shakeproof Washer, 5/16	4
10	6111100	Clutch Stop & Chain Guide (Prior to Serial No. 2155)	2
11	07-0812520	Metric Bolt, M8-1.25 X 20	2
12	13-119	Shaft, 1" For ZTM 325 Kohler	1
13	85-K0410	Key, Square 1/4 x 1/4 x 1-1/4	1
14	07-C08	Lockwasher, 8mm	4
15	07-0812525	Metric Bolt, M8-1.25 X 25	4
16	6111050	Power Box Weldment	1
17	99-K27	Bolt, Flange 1/4 X 1	1
18	30-082	Clamp, Insulated Half	1
19	99-E20	Flange Nut, 1/4	1
20	91-0710	Bolt, 7/16 X 1-1/4	1
21	96-07	Lockwasher, 7/16 (Prior to Serial No. 2155)	2
22	95-07	Washer, 7/16 SAE	1
23	99-B60	Washer, 15/32 ID X 1-1/2 OD	1
24	6111010	Spacer, 1-1/8 ID X 1-5/8 OD	2
25	35-111	Clutch, Electric Double Pulley	1
26	29-120	Pipe Elbow, 3/8 NPT 90 Degrees	1
27	13-075	Valve, Drain	1
28	90-0708	Bolt, 7/16 X 1 (Prior to Serial No. 2155)	2
29	94-05	Flat Washer, 5/16	4
30	99-A05	Locknut, Stover 5/16	4
31	06-058	Cap Plug, 1-1/8"	1
32	99-17	Bolt, 3/8-16 x 1 Button Head (Serial No. 2155 -)	2
33	99-G04	Shakeproof Washer, 3/8" (Serial No. 2155 -)	2
34	6111380	Stop, Clutch (Serial No. 2155 -)	1

Parts List for Figure 12

Ref.	Part No.	Description	Quantity
1	06-049	Fuel Tank, ZTM 325	2
2	35-112	Gauge, Fuel Cap W/Gasket	2
3	REF	Power Box Weldment	
4	27-001	Hose, 1/4 Fuel Line	A/R
5	13-109	Valve, In-Line Fuel Shut Off	2
6	11-014	Clamp, Fuel Line	13
7	13-108	Check Valve, Fuel	2
8	29-121	Tee, Barbed Union (Brass)	1
9	13-021	Fuel Filter	1
10	11-017	Clamp, Hose 5/8" Max Dia. (Kawasaki Engine)	5
11	REF	Fuel Pump (supplied with Kawasaki engine)	

Engine
22 HP Kawasaki
(Serial No. 1636 - 1776)
Figure 13



section 4

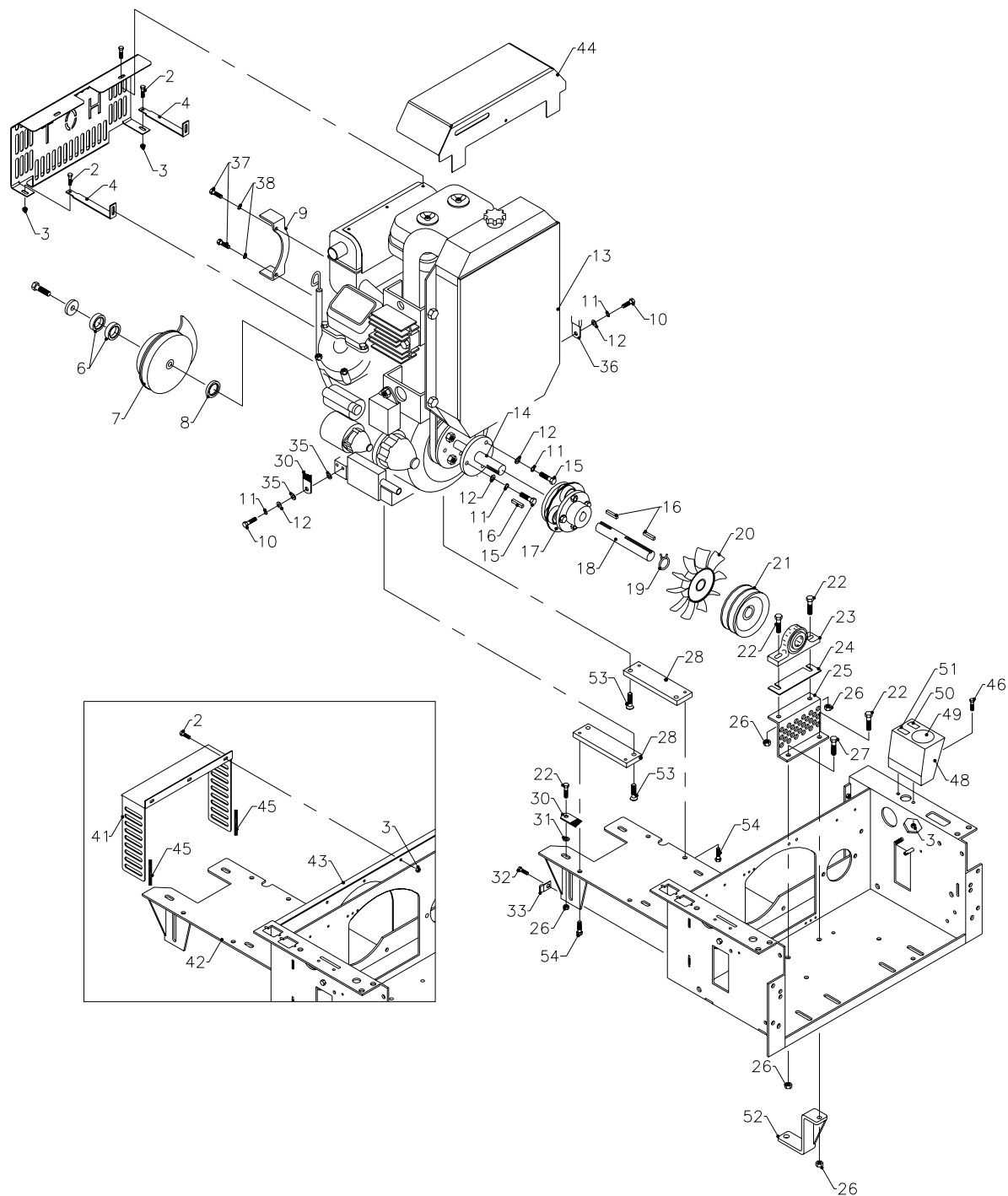
DRIVE PARTS

Parts List for Figure 13

Ref.	Part No.	Description	Quantity
1	6111249	Shield, Muffler	1
2	99-K31	Bolt, Flange 1/4 X 1/2	5
3	99-E20	Flange Nut, 1/4	9
4	6111258	Bracket, Muffler Shield	2
5	13-113	Muffler, Kawasaki 22 HP	1
6	6111010	Spacer, 1-1/8 ID X 1-5/8 OD	1
7	35-111	Clutch, Electric Double Pulley	1
8	6111247	Spacer, 1-1/8" ID X 1-5/8" OD	1
9	6111243	Bracket, Clutch Stop	1
10	07-0812520	Metric Bolt, M8-1.25 X 20	7
11	07-C08	Lockwasher, 8mm	12
12	07-A08	Flatwasher, 8mm	10
13	13-112	Engine, Kawasaki 22 HP	1
*	30-004G	Terminal, Male Bullet 14 GA (on "Y" connection)	1
14	6111242	Shaft, ZTM325 Kawasaki Stub	1
15	07-0812555	Metric Bolt, M8-1.25 X 55	3
16	85-K0410	Key, Square 1/4 X 1/4 X 1-1/4	3
17	87-237	Coupler, 1" Morflex Assembly	1
18	6111250	Shaft, Pump Drive	1
19	11-026	Clamp, Hose 1-1/16 Corbin #A18	1
20	87-236	Fan, 1" ID 7" OD 10-Blade	1
21	83-2AK4116	Sheave, 2AK41 X 1" Bore	1
22	99-K22	Bolt, Flange 3/8 X 1-1/4	3
23	55-104	Bearing, 1" Pillow Block	1
24	6111266	Shim, Bearing	A/R
25	6111251	Mount, Bearing	1
26	99-E13	Flange Nut, 3/8	8
27	99-K11	Bolt, Flange 3/8 X 3/4	5
28	6111245	Riser, Engine	1
29	90-0514	Bolt, 5/16 X 1-3/4	1
30	30-291	Strap, Braided Ground	1
31	99-G04	Shakeproof Washer, 3/8	2
32	99-K27	Bolt, Flange 1/4 X 1	1
33	30-082	Clamp, Insulated Half	1
34	99-A05	Locknut, Stover 5/16	1
35	99-G03	Shakeproof Washer, 5/16	2
36	29-039	Pipe Nipple, 3/8 NPT	1
37	29-044	Pipe Coupling, 3/8 NPT	1
38	13-075	Valve, Oil Drain	1
39	27-004	Hose, 1/2 Push Lock /ft.	3.3
*	35-130	Sender, Water Temperature	1
40	07-0812516	Metric Bolt, M8-1.25 X 16	2
41	6111265	Baffle, Radiator	1
42	6111271	Power Box W/A, ZTM325 Kawasaki	1
43	REF	Cover, Power Box	
44	6111273	Guard, Radiator	1
45	56-027	Trim, Trim-Loc /Ft.	.25
46	99-K26	Bolt, Flange 1/4 X 3/4	4
47	07-A08	Flatwasher, 8mm	3
48	6111248	Mount, Water Temperature Gauge	1
49	35-132	Gauge, Water Temperature	1
*	99-G08	Shakeproof Washer, #8	1
50	33-042	Light, Red Pilot (Oil Pressure)	1
51	33-043	Light, Red Pilot (Charge)	1
52	REF	Mount, Idler W/A	

* Not Illustrated

Engine
27 HP Kawasaki
(Serial No. 1777 -)
Figure 13A

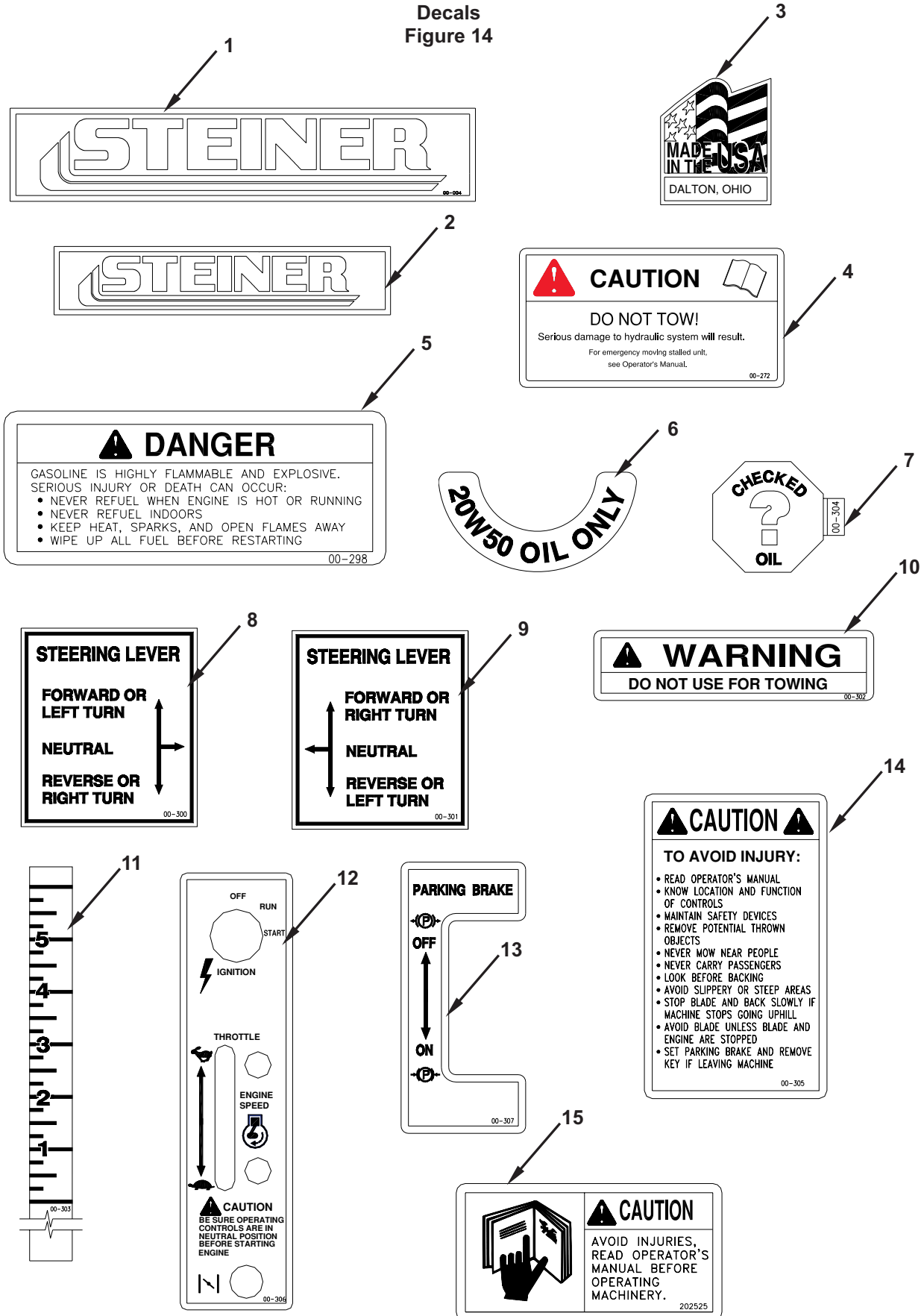


Parts List for Figure 13A

Ref.	Part No.	Description	Quantity
1	6111347	Shield, Muffler	1
2	99-K31	Bolt, Flange 1/4 X 1/2	5
3	99-E20	Flange Nut, 1/4	7
4	6111258	Bracket, Muffler Shield	2
6	6111010	Spacer, 1-1/8 ID X 1-5/8 OD	2
7	35-111	Clutch, Electric Double Pulley	1
8	6111247	Spacer, 1-1/8" ID X 1-5/8" OD	1
9	6111344	Bracket, Clutch Stop	1
10	07-0812520	Metric Bolt, M8-1.25 X 20	2
11	07-C08	Lockwasher, 8mm	5
12	07-A08	Flatwasher, 8mm	5
13	13-117	Engine, Kawasaki 27 HP	1
14	6111338	Shaft, ZTM325 Stub 27 HP	1
15	07-0812530	Metric Bolt, M8-1.25 X 30	3
16	85-K0410	Key, Square 1/4 X 1/4 X 1-1/4	3
17	87-237	Coupler, 1" Morflex Assembly	1
18	6111250	Shaft, Pump Drive	1
19	11-026	Clamp, Hose 1-1/16 Corbin #A18	1
20	87-236	Fan, 1" ID 7" OD 10-Blade	1
21	83-2AK4116	Sheave, 2AK41 X 1" Bore	1
22	99-K22	Bolt, Flange 3/8 X 1-1/4	4
23	55-104	Bearing, 1" Pillow Block	1
24	6111266	Shim, Bearing	A/R
25	6111251	Mount, Bearing	1
26	99-E13	Flange Nut, 3/8	5
27	99-K11	Bolt, Flange 3/8 X 3/4	1
28	6111337	Riser, Engine	2
30	30-291	Strap, Braided Ground	1
31	99-G04	Shakeproof Washer, 3/8	2
32	99-K27	Bolt, Flange 1/4 X 1	1
33	30-082	Clamp, Insulated Half	1
35	99-G03	Shakeproof Washer, 5/16	2
36	REF	Battery Cable, 6 GA 16" Black	
37	07-1015020	Metric Bolt, M10-1.50 X 20	2
38	07-C10	Lockwasher, 10MM	2
41	6111265	Baffle, Radiator	1
42	6111271	Power Box W/A, ZTM325 Kawasaki	1
43	REF	Cover, Power Box	
44	6111336	Guard, Radiator	1
45	56-027	Trim, Trim-Loc /Ft.	.25
46	99-K26	Bolt, Flange 1/4 X 3/4	2
48	6111248	Mount, Water Temperature Gauge	1
49	35-132	Gauge, Water Temperature	1
*	99-G08	Shakeproof Washer, #8	1
*	35-130	Sender, Water Temperature	1
50	33-042	Light, Red Pilot (Oil Pressure)	1
51	33-043	Light, Red Pilot (Charge)	1
52	REF	Mount, Idler W/A	
53	07-F002	Bolt, Flat Head Socket, 10-1.25 X 25	4
54	99-K28	Bolt, Flange 5/16 X 1/2	4

* Not Illustrated

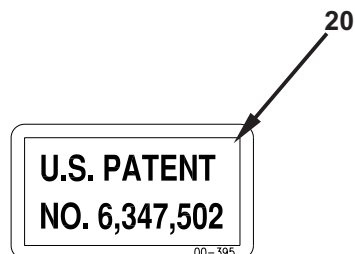
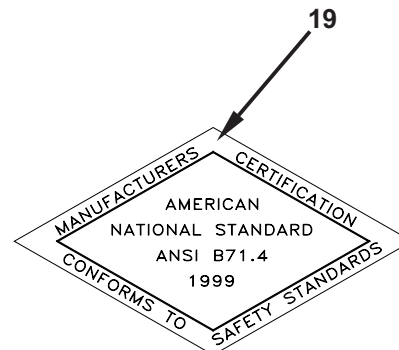
Decals
Figure 14



Parts List for Figure 14

Ref.	Part No.	Description	Quantity
1	00-004	Decal, Steiner Medium	1
2	00-159	Decal, Steiner 1-5/8 X 8	3
3	00-209	Decal, Made In The U.S.A.	1
4	00-272	Decal, Caution Do Not Tow	1
5	00-298	Decal, Danger Gasoline	2
6	00-308	Decal, 20W50 Oil Only	1
7	00-304	Decal, Check Oil	1
8	00-300	Decal, Steering Lever (Right)	1
9	00-301	Decal, Steering Lever (Left)	1
10	00-302	Decal, Warning Not For Towing	1
11	00-303	Decal, Depth Gauge	1
12	00-306	Decal, Right Dash Controls	1
13	00-307	Decal, Parking Brake	1
14	00-305	Decal, Caution Avoid Injury	1
15	202525	Decal, Caution Read Manual	1

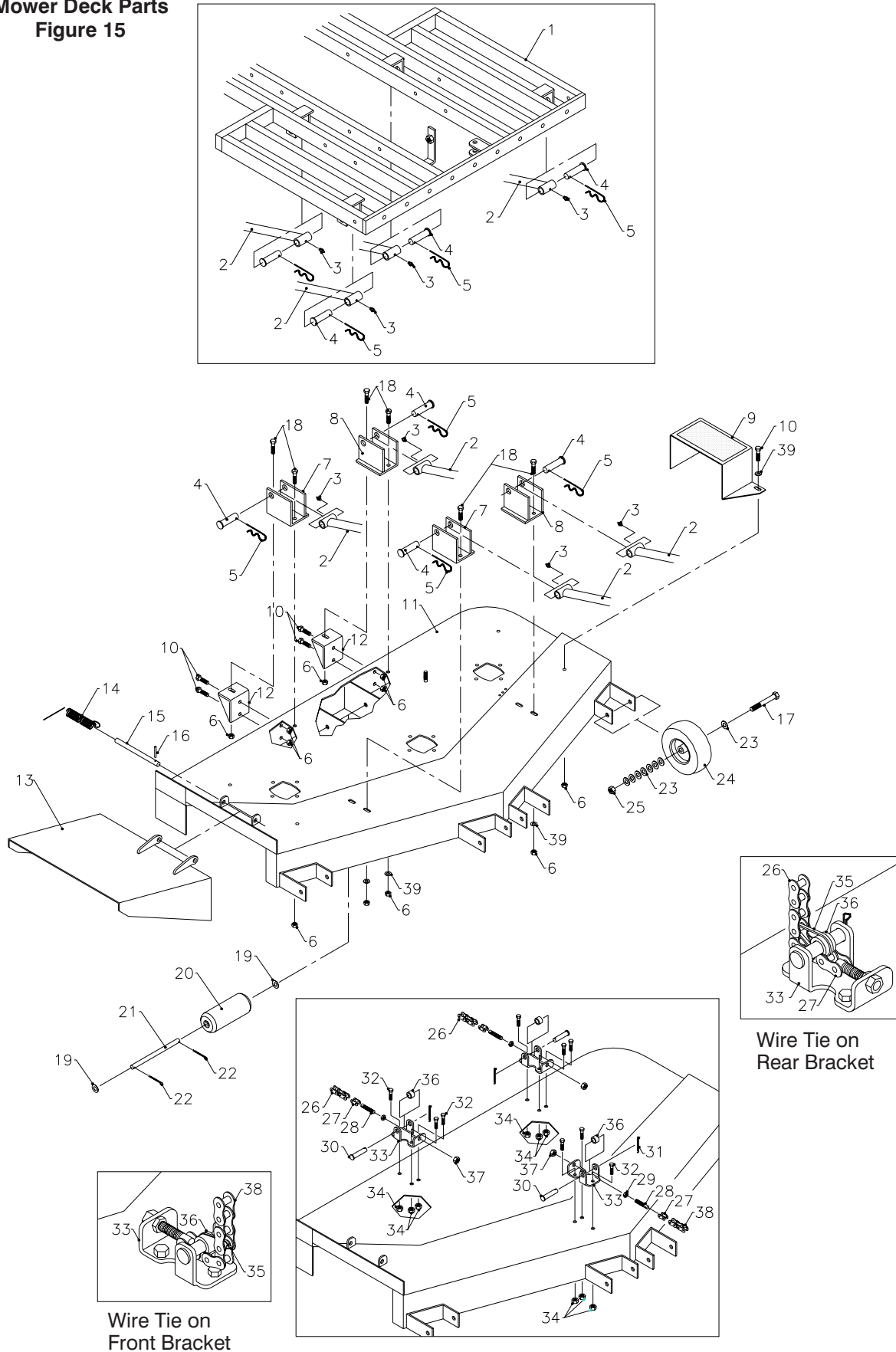
Decals
Figure 14 (continued)



Parts List for Figure 14 (continued)

Ref.	Part No.	Description	Quantity
16	00-092	Decal, Keep Hands and Feet	3
17	00-093	Decal, Warning Read Owner's Manual	1
18	00-139	Decal, Warning Discharge Chute	2
19	00-140	Decal, ANSI Cert.	1
20	00-395	Decal, ZTM Deck Lift Patent	1

Mower Deck Parts
Figure 15

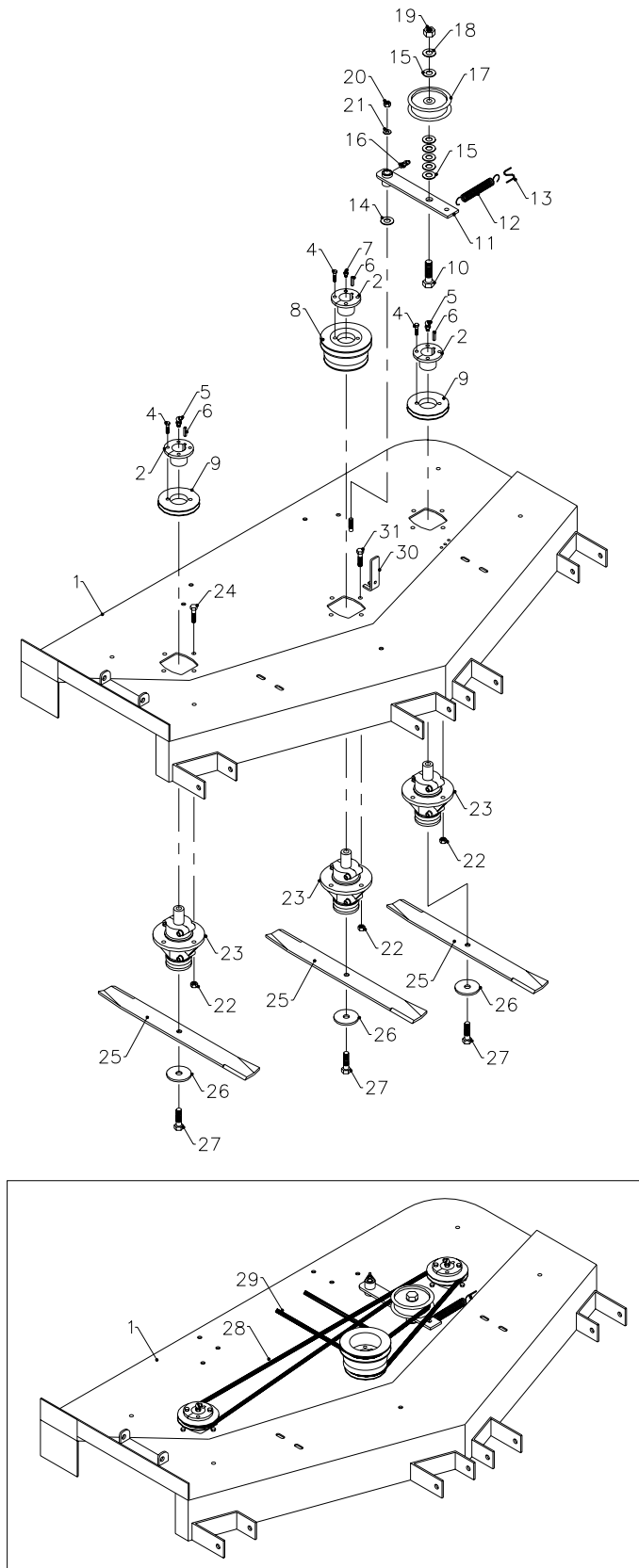


Parts List for Figure 15

Ref.	Part No.	Description	Quantity
1	6111020 (REF)	Frame Weldment (See Fig. 2, Ref. 1)(Kohler Engine)	
	6111272 (REF)	Frame Weldment (See Fig. 2, Ref. 1)(Kawasaki Engine)	
2	6112046	Arm, Deck Mounting	4
3	29-010	Grease Fitting, 1/4 Short	4
4	03-1222	Clevis Pin, 3/4 X 2-3/4	4
5	03-024	Snap Pin	4
6	99-E13	Flange Nut, 3/8	16
7	6112055	Deck Mounting Bracket, R.H.	1
8	6112052	Deck Mounting Bracket, L.H.	1
9	6112058	Pulley Cover, L.H.	1
*	6112059	Pulley Cover, R.H.	1
	56-002	Flexthead, Anti-Slip 6" Wide	1.5 ft.
10	99-K11	Bolt, Flange 3/8 X 3/4	8
11	6112079	52" Cutting Deck Weldment	1
12	6112041	Deck Bracket	2
13	6112038	Chute Deflector Weldment	1
14	41-085	Spring, Torsion	1
15	6112045	Shaft, Chute Deflector	1
16	02-RP0612	Roll Pin, 3/16 X 1-1/2	1
17	90-0836	Bolt, 1/2 X 4-1/2	4
18	99-K13	Bolt, Flange 3/8 X 1	8
19	99-B59	Washer, Machine 1/2 ID 18 GA	4
20	06-051	Roller, Rear Anti-Scalp	1
21	6112044	Axle, Roller	1
22	02-CP0306	Cotter Pin, 3/32 X 3/4	2
23	95-08	Flat Washer, 1/2 SAE	32 or AR
24	06-050	Roller, Plastic Anti-Scalp	4
25	99-E41	Locknut, Nylon 1/2	4
26	6111230	Roller Chain, Deck Rear (See Fig. 6, Ref. 16)	2
27	81-056	Connector Link, #40 (See Fig. 6, Ref. 15)	3
28	6111016	Stud, Deck Lift (See Fig. 6, Ref. 22)	3
29	F4002	Jam Nut, 7/16 UNC	3
30	03-0820	Clevis Pin, 1/2 x 2-1/2	3
31	02-CP0406	Cotter Pin, 1/8 x 3/4	3
32	99-K19	Bolt, Flange 5/16 x 3/4	9
33	6112074	Bracket, Deck Lift	3
34	99-E12	Flange Nut, 5/16	9
35	30-037	Wire Tie, 3/16 x 7-3/4	3
36	6112075	Spacer	3
37	99-E48	Flange Nut, 7/16	3
38	6111229	Roller Chain, Deck Front (See Fig. 6, Ref. 29)	1
39	94-06	Flat Washer, 3/8 USS	8

* Not Illustrated

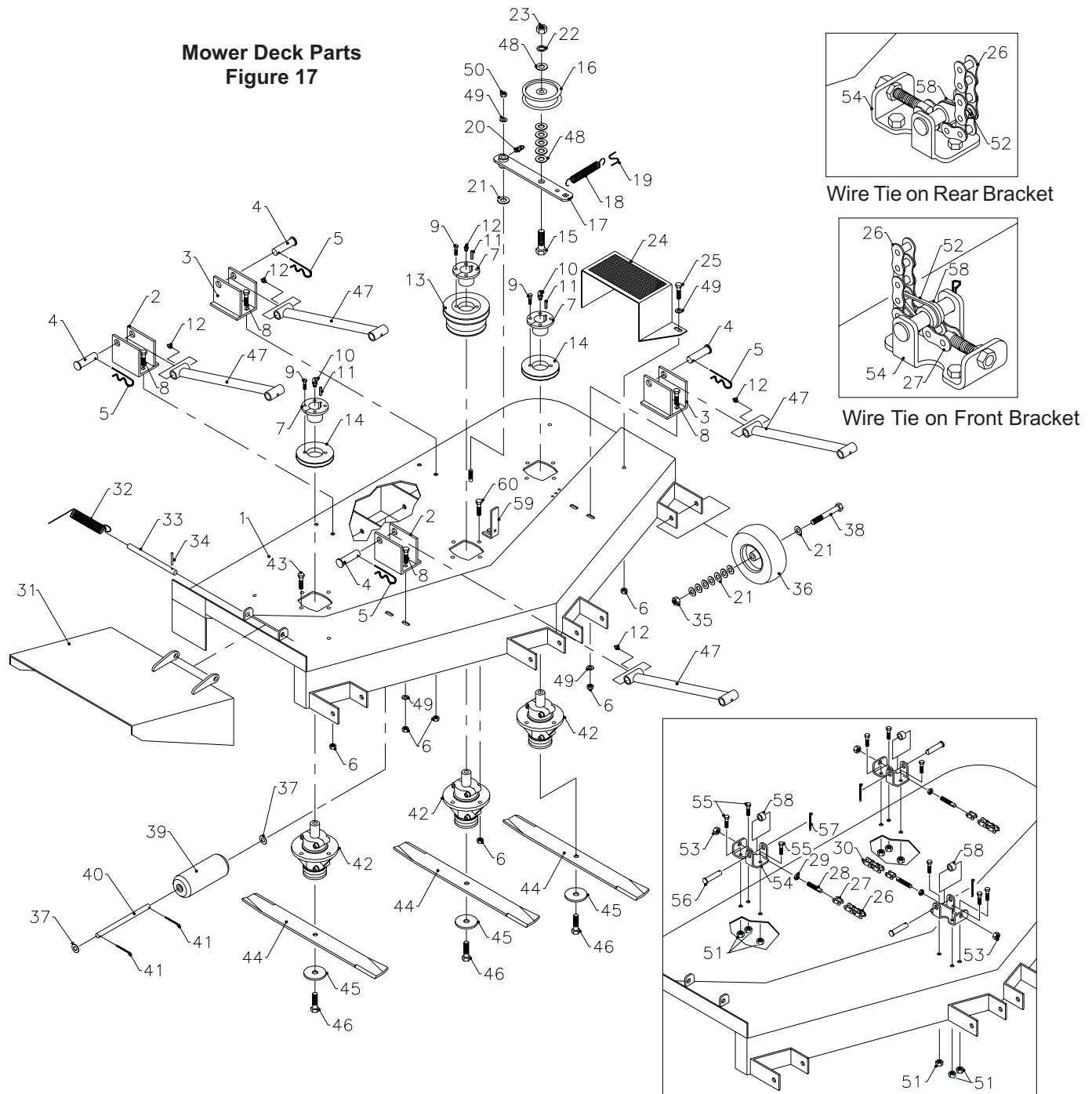
Drive Parts & Belts
Figure 16



Parts List for Figure 16

Ref.	Part No.	Description	Quantity
1	6112079 (REF)	52" Cutting Deck Weldment (See Fig. 15, Ref. 11)	
2	83-H16SPL	Bushing, H X 1" Split Type	3
3	96-04	Lock Washer, 1/4	6
4	90-0406	Bolt, 1/4 X 3/4	6
5	29-045	Grease Fitting, 1/4 45 Degrees	2
6	85-K0408	Key, 1/4 X 1	3
7	29-010	Grease Fitting, 1/4 Short	1
8	6112099	Sheave, 2-Groove BK45/BK47	1
9	83-BK45H	Sheave, BK45 H-Bushing	2
10	90-1014	Bolt, 5/8 X 1-3/4	1
11	6112069	Deck Idler Weldment	1
12	41-086	Spring, Tension 5-3/4" Length	1
13	03-022	Clip, Peg Board Hook	1
14	95-08	Flat Washer, 1/2 SAE	1
15	99-B58	Washer, Machine 5/8 ID 14 GA	6
16	29-122	Grease Fitting, 1/4-28 45 Degrees (long)	1
17	83-045	Pulley, Flat Idler 4.12" OD	1
18	99-G10	Shakeproof Washer, 5/8"	1
19	92-10	Nut, 5/8	1
20	F3013	Nut, Stover Flange 3/8	1
21	94-06	Flat Washer, 3/8 USS	1
22	99-E13	Flange Nut, 3/8	12
23	87-143	Spindle, Mower 1/2 RH Threads	3
24	99-K22	Bolt, Flange 3/8 X 1-1/4	11
25	79-126	Blade, 18" Hi-Lift 1/2" Hole	3
	79-127	Blade, 18" Lo-Lift 1/2" Hole (Optional)	3
26	99-B14	Washer, 1/4 X 1/2 ID X 3 OD	3
27	91-0810	Bolt, 1/2 X 1-1/4 NF	3
28	81-092	Belt, 100.5"	1
29	81-091	Belt, 123" (Kohler)	1
	81-095	Belt, 134.9" (Kawasaki)	1
30	6112102	Retainer, Belt	1
31	99-K73	Bolt, Flange 3/8 x 1-1/2	1

**Mower Deck Parts
Figure 17**



Parts List for Figure 17

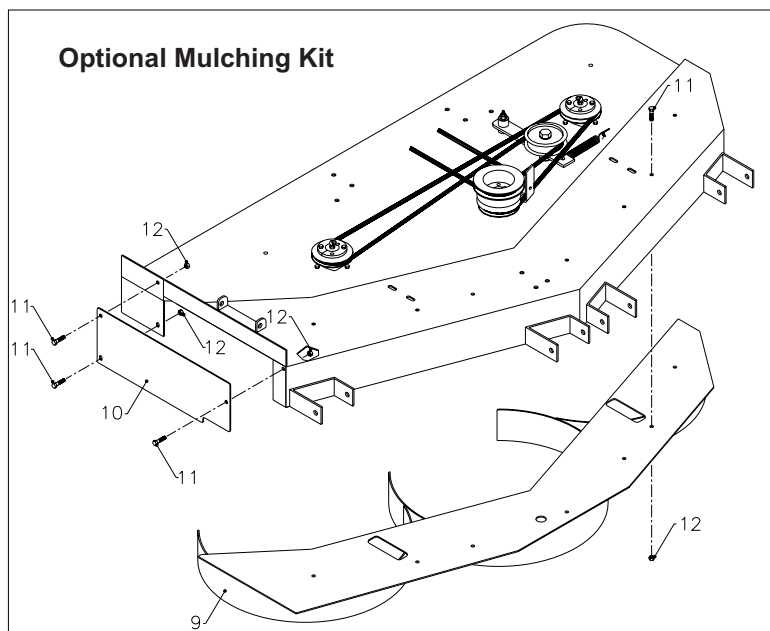
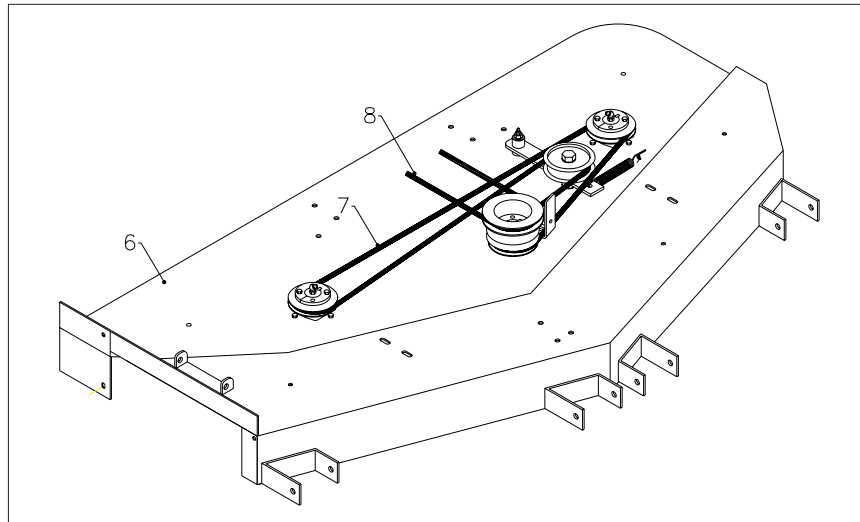
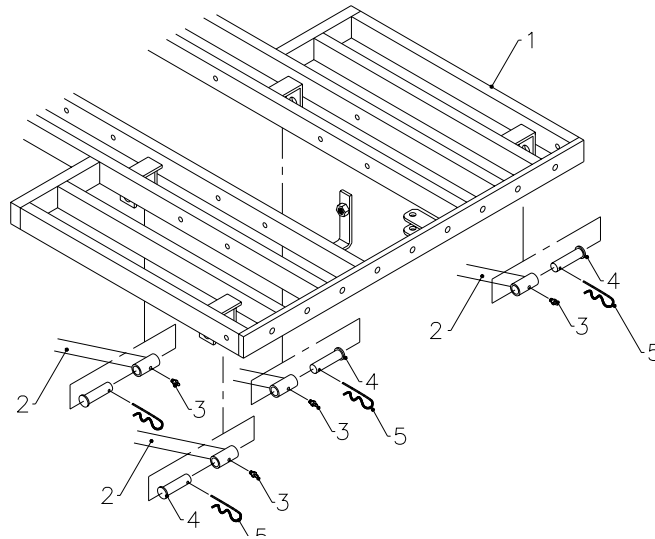
Ref.	Part No.	Description	Quantity
1	6112018	61" Cutting Deck Weldment	1
2	6112055	Deck Mounting Bracket, R.H.	1
3	6112052	Deck Mounting Bracket, L.H.	1
4	03-1222	Clevis Pin, 3/4 X 2-3/4	4
5	03-024	Snap Pin	4
6	99-E13	Flange Nut, 3/8	24
7	83-H16SPL	Bushing, H X 1" Split Type	3
8	99-K13	Flange Bolt, 3/8 x 1	8

Parts List for Figure 17 (continued)

Ref.	Part No.	Description	Quantity
9	90-0406	Bolt, 1/4 X 3/4	6
10	29-045	Grease Fitting, 1/4 45 Degrees	2
11	85-K0408	Key, 1/4 X 1	3
12	29-010	Grease Fitting, 1/4 Short	5
13	6112098	Sheave, 2-Groove BK45/BK52	1
14	83-BK45H	Sheave, BK45 H-Bushing	2
15	90-1014	Bolt, 5/8 X 1-3/4	1
16	83-045	Pulley, Flat Idler 4.12" OD	1
17	6112113	Arm, Idler W/A	1
18	41-086	Spring, Tension 5-3/4" Length	1
19	03-022	Clip, Peg Board Hook	1
20	29-122	Grease Fitting, 1/4-28 45 Degrees Long	1
21	95-08	Flat Washer, 1/2 SAE	33 or A/R
22	99-G10	Shakeproof Washer, 5/8"	1
23	92-10	Nut, 5/8	1
24	6112058	Pulley Cover, L.H.	1
*	6112059	Pulley Cover, R.H.	1
	56-002	Flexthead, Anti-Slip 6" Wide	1.5 ft.
25	99-K11	Bolt, Flange 3/8 X 3/4	4
26	6111215 (REF)	Roller Chain, Deck Rear (See Fig. 6, Ref. 16)	
27	81-056 (REF)	Connector Link, #40 (See Fig. 6, Ref. 15)	
28	6111016 (REF)	Stud, Deck Lift (See Fig. 6, Ref. 22)	
29	F4002	Jam Nut, 7/16 UNC	3
30	6111229 (REF)	Roller Chain, Deck Front (See Fig. 6, Ref. 29)	
31	6112038	Chute Deflector Weldment	1
32	41-085	Spring, Torsion	1
33	6112045	Shaft, Chute Deflector	1
34	02-RP0612	Roll Pin, 3/16 X 1-1/2	1
35	99-E41	Locknut, Nylon 1/2	4
36	06-050	Roller, Plastic Anti-Scalp	4
37	99-B59	Washer, Machine 1/2 ID 18 GA	2
38	90-0836	Bolt, 1/2 X 4-1/2	4
39	06-051	Roller, Rear Anti-Scalp	1
40	6112044	Axle, Roller	1
41	02-CP0306	Cotter Pin, 3/32 X 3/4	2
42	87-143	Spindle, Mower 1/2 RH Threads	3
43	99-K22	Bolt, Flange 3/8 X 1-1/4	12
44	79-118	Blade, 21" Hi-Lift 1/2" Hole	3
	79-128	Blade, 21" Lo-Lift 1/2" Hole (Optional)	3
45	99-B14	Washer, 1/4 X 1/2 ID X 3 OD	3
46	91-0810	Bolt, 1/2 X 1-1/4 NF	3
47	6112046	Arm, Deck Mounting	4
48	99-B58	Washer, Machine 5/8 ID 14 GA	6
49	94-06	Flat Washer, 3/8 USS	9
50	F3013	Nut, Stover Flange 3/8	1
51	99-E12	Flange Nut, 5/16	9
52	30-037	Wire Tie, 3/16 x 7-3/4	3
53	99-E48	Flange Nut, 7/16	3
54	6112074	Bracket, Deck Lift	3
55	99-K19	Bolt, Flange 5/16 x 3/4	9
56	03-0820	Clevis Pin, 1/2 x 2-1/2	3
57	02-CP0406	Cotter Pin, 1/8 x 3/4	3
58	6112075	Spacer	3
59	6112103	Retainer, Belt	1
60	99-K73	Bolt, Flange 3/8 x 1-1/2	1

*Not Illustrated

Mower Frame & Belts
Figure 18

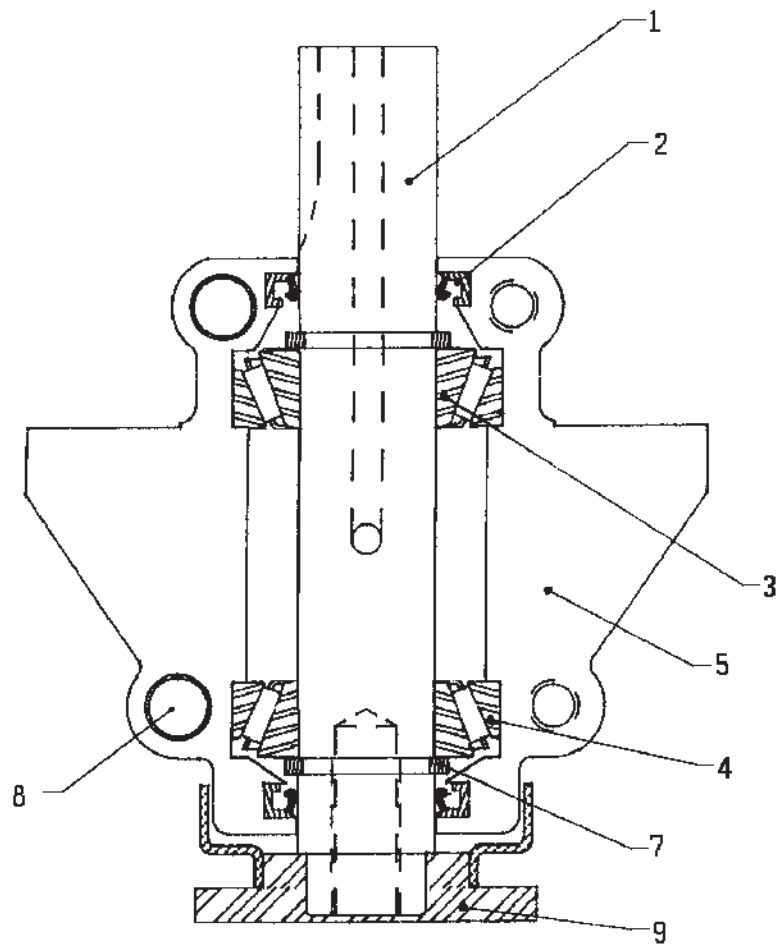


Parts List for Figure 18

Ref.	Part No.	Description	Quantity
1	6111020 (REF)	Frame Weldment (Kohler Engine)(See Fig. 2, Ref. 1)	
	6111272 (REF)	Frame Weldment (Kawasaki Engine)(See Fig. 2, Ref. 1)	
2	6112046 (REF)	Arm, Deck Mounting (See Fig. 17, Ref. 47)	4
3	29-010	Grease Fitting, 1/4 Short	4
4	03-1222	Clevis Pin, 3/4 X 2-3/4	4
5	03-024	Snap Pin	4
6	6112018 (REF)	61" Cutting Deck Weldment (See Fig. 17, Ref. 1)	
7	81-093	Belt, 122.9"	1
8	81-091	Belt, 123" (Kohler)	1
	81-095	Belt, 134.9" (Kawasaki)	1
The following parts are included in the ZTMD61 Mulching Kit:			
9	6112092	Mulching Baffle Weldment	1
10	6112091	Cover Plate, Discharge	1
11	99-K19	Bolt, Flange 5/16 x 3/4	8
12	99-E12	Flange Nut, 5/16	8
*	79-128	Blade, 21" Lo-Lift	3

* Not Illustrated

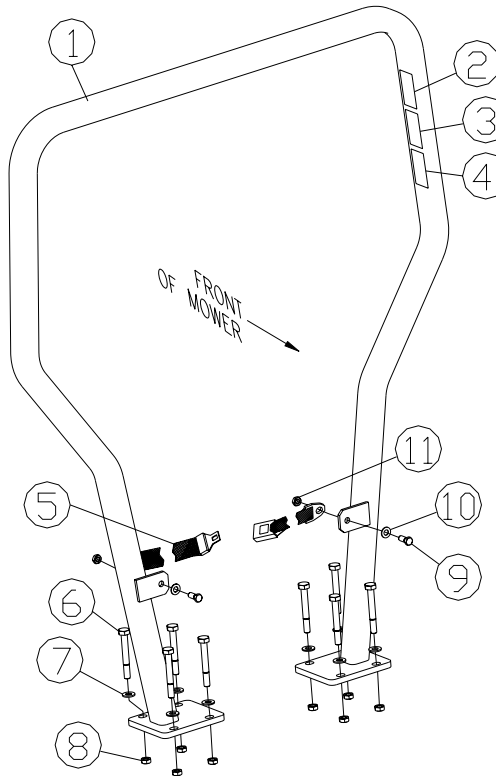
Spindle Parts
Figure 19



Parts List for Figure 19

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Quantity</u>
1	87-235	Shaft, Spindle	1
2	87-209843	Seal	2
3	87-244643	Bearing Cone	2
4	87-244610	Bearing Cup	2
5	87-240001-5	Casting, w/o breather hole	1
	87-240001-6	Casting, with breather hole	1
7	87-203293	Retaining Ring	2
8	87-203815	Bolt, 3/8 x 1-1/2 SHCS	4
9	87-240101-01	Blade Adapter with Cup	1

Roll Bar with Seat Belt
Figure 8-1

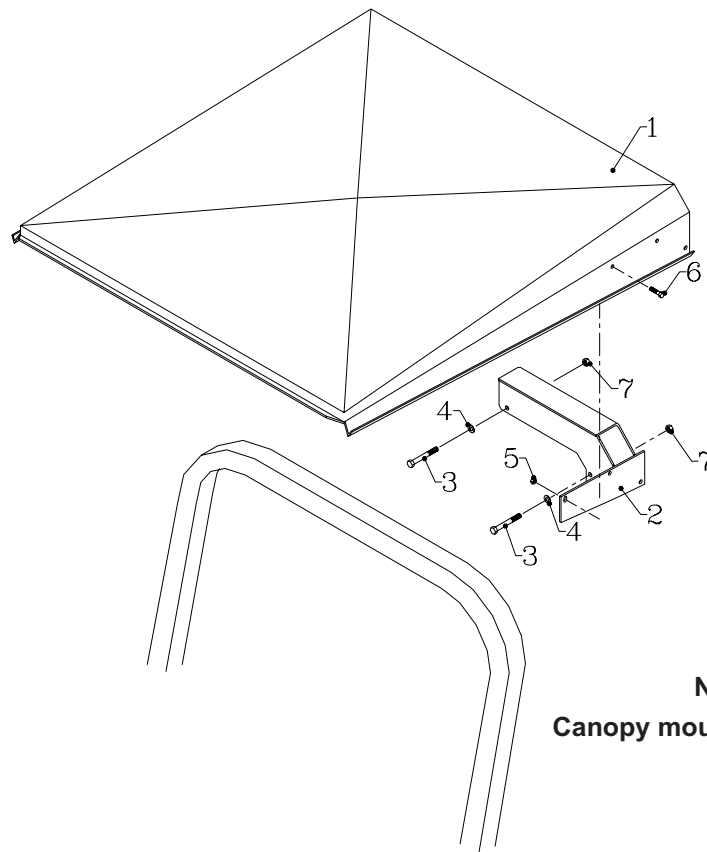


Parts List for Figure 8-1

Ref.	Part No.	Description	Quantity
1	*322-006-001	ROPS Assembly	1
2	*310-006-002	ROPS Decal	1
3	*001-7283-022	ROPS Decal	1
4	*1-7278-023	Safety Decal - Seat Belt	1
5	47-152	Seat Belt, ZTM	1
6	90-0832	Bolt, 1/2-13 x 4	8
7	95-08	Flat Washer, 1/2 SAE	8
8	F5018	Nut, Flanged Stover 1/2-13	8
9	91-0708	Bolt, 7/16-20 x 1 NF	2
10	94-07	Flat Washer, 7/16 USS	2
11	99-A07NF	Locknut, Stover 7/16-20	2

* Supplier Part Number...not a service part.

SH325
Sun Shade Canopy
Figure 8-2

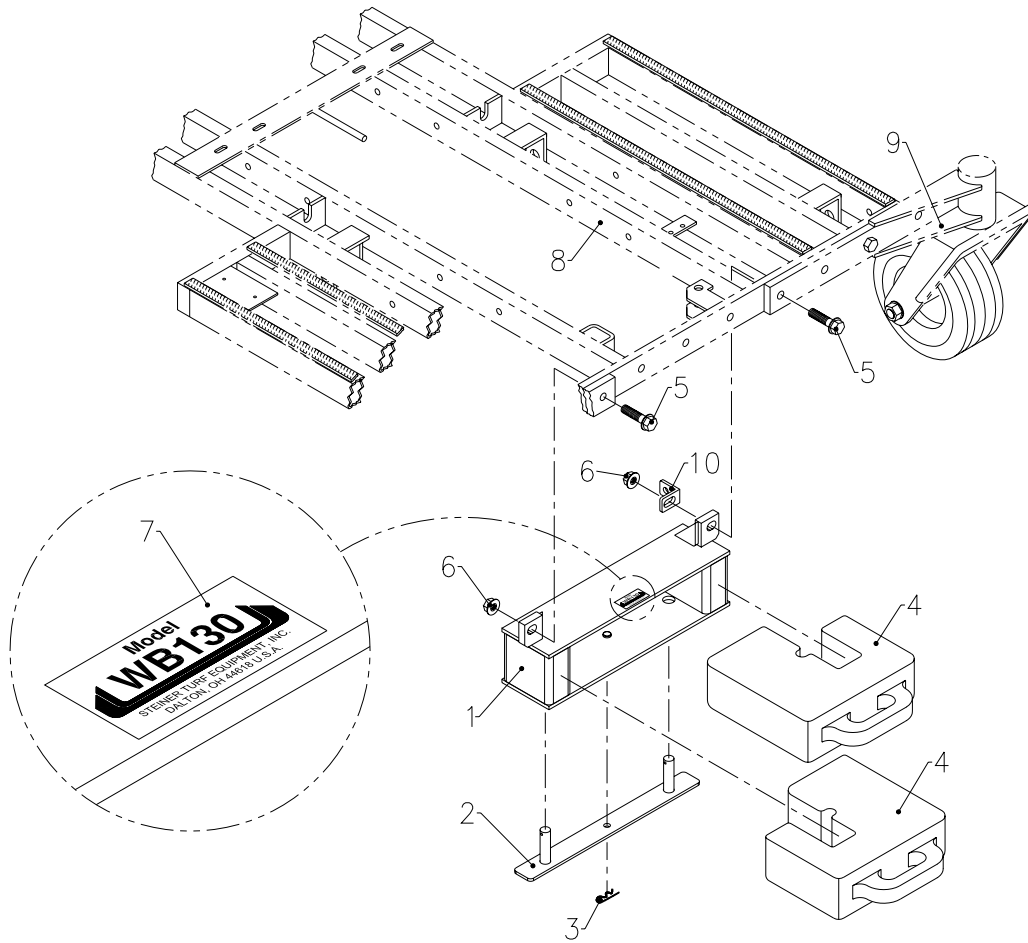


Note:
Canopy mounts on Roll Bar

Parts List for Figure 8-2

Ref.	Part No.	Description	Quantity
1	6106015	Canopy, ZTM325	1
	6106019	Foam, Insulation	1
	00-002	Decal, Steiner Small	1
2	6106010	Mount, RH Canopy	1
	6106011	Mount, LH Canopy	1
3	90-0624	Bolt, 3/8-16 X 3 NC	4
4	95-06	Flat Washer, 3/8 SAE	4
5	99-E12	Flange Nut, 5/16-18 NC	6
6	99-K19	Bolt, Flange 5/16-18 X 3/4 NC	6
7	F3013	Nut, Flanged Stover Lock	4

WB130
Weight Bar Kit
Figure 8-3



Parts List for Figure 8-3

Ref	Part no.	Description	Quantity
1	6111356	Weldment, Weight Bar	1
2	6111358	Weldment, Retainer Plate	1
3	02-PP0313	Presto Pin, 3/32 X 1-5/8	1
4	62-540	Weight, 50# Tractor Ballast	2
5	90-0818	Bolt, 1/2-13 X 2-1/4 NC (ZTM325 61" Deck)	2
	99-K82	Bolt, Flange 1/2-13 X 2 NC (ZTM325 52" Deck)	2
6	99-E37	Flange Nut, 1/2-13 NC	2
7	00-371	Decal, Model WB130	1
8	Ref	Frame Weldment	
9	Ref	Caster Wheel Assembly	
10	Ref	Bumper Weldment	