



70-174 WT. Transfer kit
41-012 springs

4 x 4 TRACTOR Model 420

Starting Serial No. 1001

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

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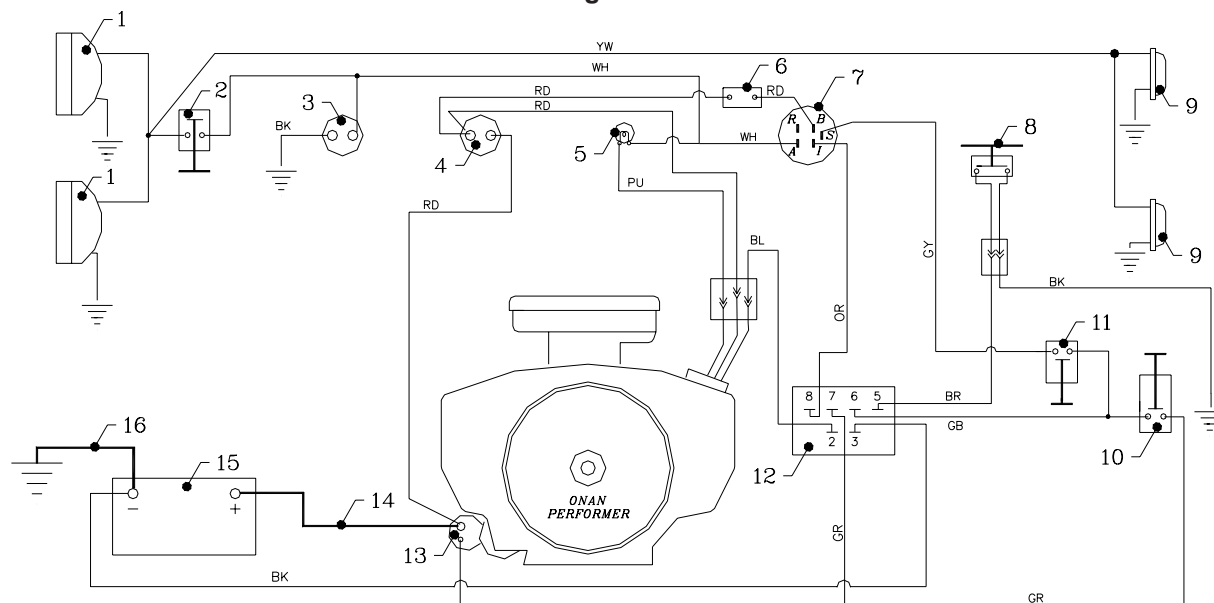
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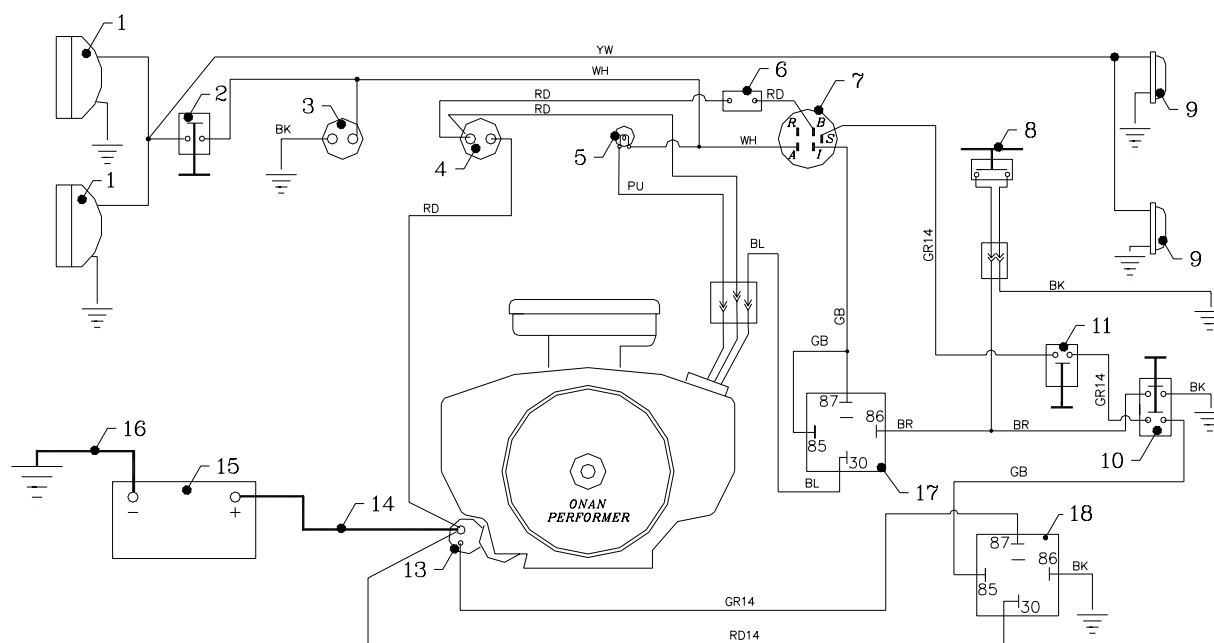
ALWAYS GIVE MODEL AND SERIAL NUMBER WHEN ORDERING SERVICE PARTS

Model 420 begins with Serial Number 1001

**Onan Electrical
Figure 1**



(Serial No. 1001 - 2999)



(Serial No. 3000 - 3552)

Color Legend
 BB = Blue with Black stripe
 GB = Gray with Blue stripe
 OR = Orange
 WB = White with Black stripe

BK = Black
 GR = Green
 PU = Purple
 WH = White

BL = Blue
 GR14 = Green 14 gauge
 RD = Red
 WO = White with Orange stripe

BR = Brown
 GY = Gray
 RD14 = Red 14 gauge
 YW = Yellow

Parts List for Figure 1 (Onan Serial No. 1001 - 3552)

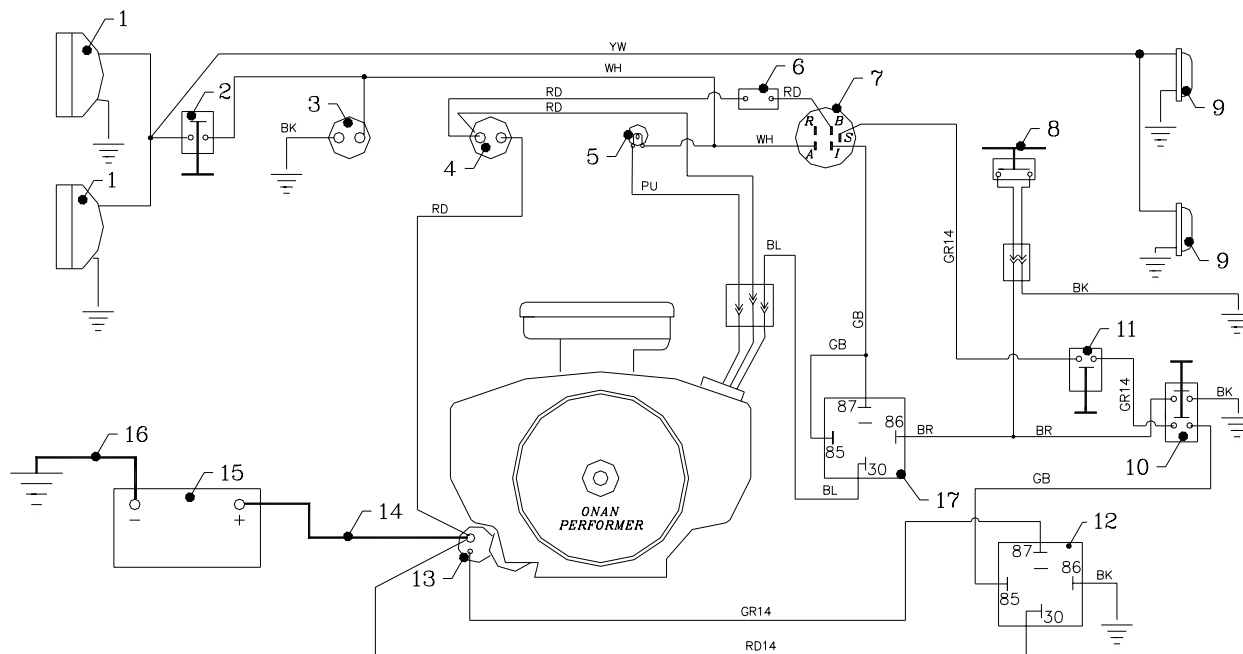
Ref	Part no.	Description	Quantity
1	33-006	Head Light (Serial No. 1001 - 2644)	2
	33-017	Head Light (Serial No. 2645 -)	2
2	31-003	Light Switch	1
3	35-014	Hour Meter	1
4	35-016	Ammeter	1
5	33-007	Oil Pressure Light	1
	13-309-0546	Oil Pressure Sending Unit	1
6	30-059	Circuit Breaker	1
7	31-002	Ignition Switch	1
	31-002A	Ignition Key for 31-002 Switch	1
8	31-012	Seat Switch (Serial No. 1001 - 3612)	1
9	33-008	Tail Light	2
10	31-004	PTO Switch (Serial No. 1001 - 2999)	1
	31-011	PTO Switch, 4 terminal (Serial No. 3000 -)	1
11	31-004	Neutral Switch	1
	93-07	Mounting nut for 31-004	1
12	35-059	Interlock Module (Serial No. 1001 - 2999)	1
13	13-191-1949-04	Starter	1
14	30-125	Battery Cable, To Starter (48" long)	1
	30-098	Cover Pos. Battery Terminal (Red)	1
15	33-002	Battery, Group 22F (Serial No. 1001 - 1733)	1
	33-015	Battery, Group 26 (Serial No. 1734 -)	1
16	30-127	Battery Cable, Ground (19" long)	1
	30-105	Cover Neg. Battery Terminal (Black)	1
17	35-067	Relay (Serial No. 3000 -)	1
*	30-099	Wiring Harness, Complete (Serial No. 1001 - 2644)	1
*	30-140	Wiring Harness, Complete (Serial No. 2645 - 2999)	1
**	30-168(See Note:)	Wiring Harness, Complete (Serial No. 3000 - 3552)	1

* Not Illustrated

** Note: Order 30-283 Harness and 35-067 Starter Relay (See Fig. 1A, Page 1-3)

30-168 = 70-078 kit = 30-207 starter relay wire harness needed to install starter relay
IT IS NOW IN HARNESS

Onan Electrical
Figure 1A



(Serial No. 3553 -)

Color Legend
BB = Blue with Black stripe
GB = Gray with Blue stripe
OR = Orange
WB = White with Black stripe

BK = Black
GR = Green
PU = Purple
WH = White

BL = Blue
GR14 = Green 14 gauge
RD = Red
WO = White with Orange stripe

BR = Brown
GY = Gray
RD14 = Red 14 gauge
YW = Yellow

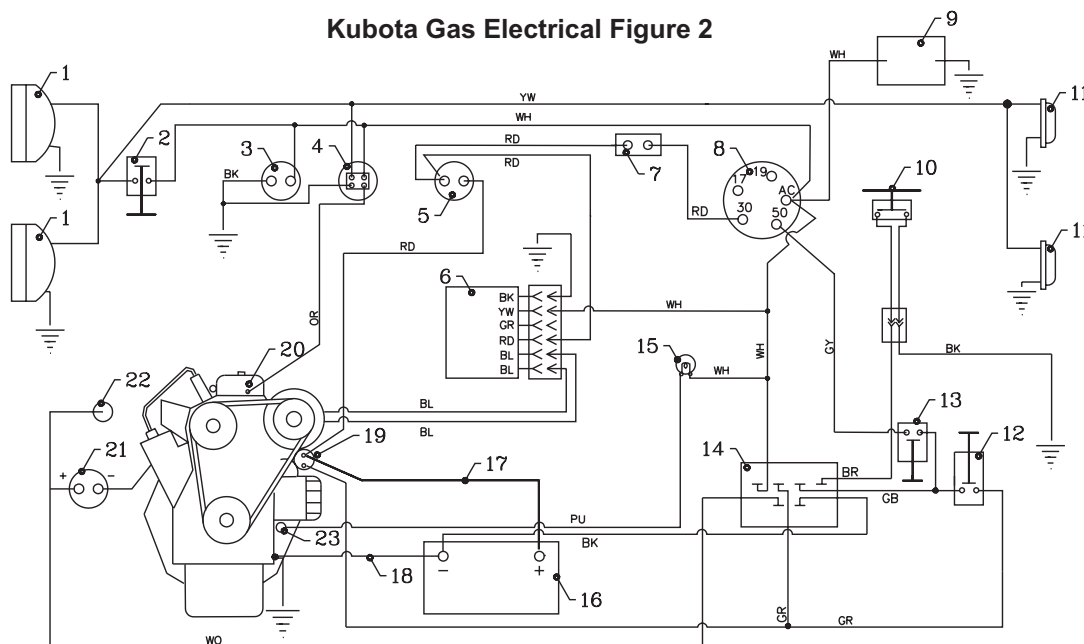
Parts List for Figure 1A (Onan Serial No. 3553 -)

Ref	Part no.	Description	Quantity
1	33-017	Head Light	2
2	31-003	Light Switch	1
3	35-014	Hour Meter	1
4	35-016	Ammeter	1
5	33-007	Oil Pressure Light (Serial No. 1001 - 5197)	1
	13-309-0546	Oil Pressure Sending Unit	1
	33-014	Bulb, Oil Pressure Indicator Light (Ser. No. 5198 -)	1
	33-027	Lens, Oil Pressure Indicator Light (Ser. No. 5198 -)	1
	33-030	Nut, 3/4 Fine for Oil Light (Ser. No. 5198 -)	1
	33-029	Lockwasher, 3/4 Shakeproof (Ser. No. 5198 -)	1
6	30-059	Circuit Breaker	1
7	31-002	Ignition Switch	1
	31-002A	Ignition Key for 31-002 Switch	1
8	31-012	Seat Switch (Serial No. 1001 - 3612)	1
	31-032	Seat Switch (Serial No. 3613 -)	1
	99-K31	Flange Bolt, 1/4 x 1/2 for Seat Switch 31-032	2
	30-242	Pigtail for Seat Switch 31-032	1
9	33-008	Tail Light 33-034	2
10	31-011	PTO Switch, 4 terminal	1
11	31-004	Neutral Switch	1
	93-07	Mounting nut for 31-004	1
12	35-067	Relay, Starter (Serial No. 3553 -)	1
13	13-191-1949-04	Starter	1
14	30-125	Battery Cable, To Starter (48" long)	1
	30-098	Cover Pos. Battery Terminal (Red)	1
15	33-015	Battery, Group 26 (Serial No. 1734 -)	1
16	30-127	Battery Cable, Ground (19" long)	1
	30-105	Cover Neg. Battery Terminal (Black)	1
17	35-067	Relay (Serial No. 3000 -)	1
*	30-283	Wiring Harness, Complete (3553 -)	1

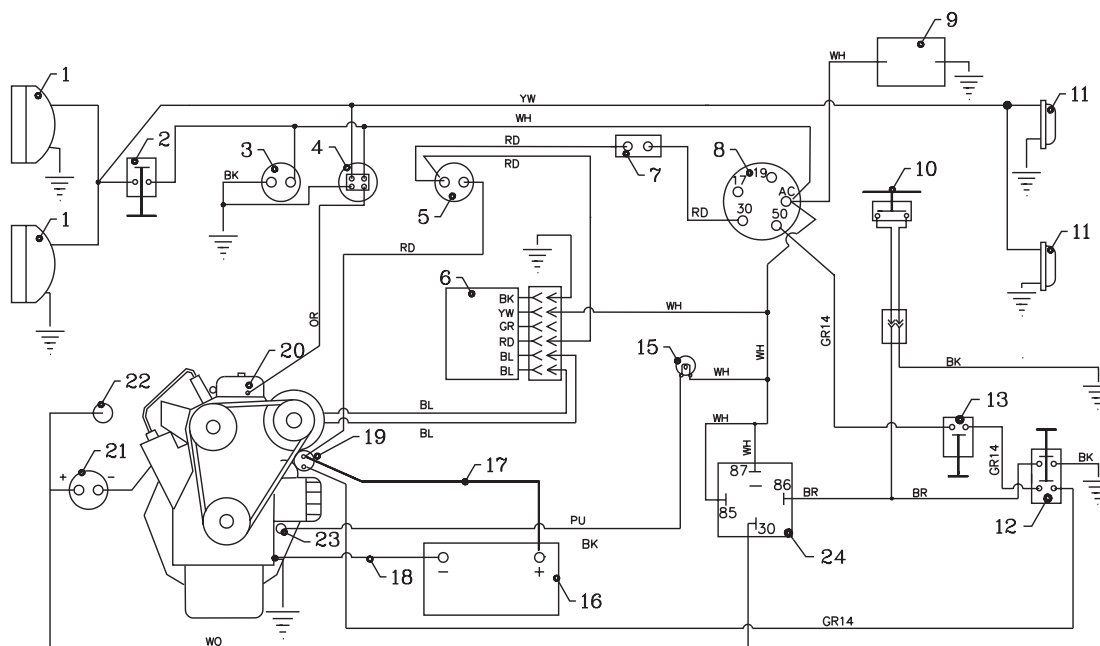
* Not Illustrated

30-283 = 70-078 kit = 30-207 starter relay wire harness needed to install starter relay
IT IS NOW IN HARNESS

Kubota Gas Electrical Figure 2



(Serial No. 1001 - 2999)



(Serial No. 3000 - 3552)

Color Legend

BB = Blue with Black stripe
 GB = Gray with Blue stripe
 OR = Orange
 WB = White with Black stripe

BK = Black
 GR = Green
 PU = Purple
 WH = White

BL = Blue
 GR14 = Green 14 gauge
 RD = Red
 WO = White with Orange stripe

BR = Brown
 GY = Gray
 RD14 = Red 14 gauge
 YW = Yellow

Parts List for Figure 2 (Kubota Gas Serial No. 1001 - 3552)

Ref	Part no.	Description	Quantity
1	33-006	Head Light (Serial No. 1001 - 2644)	2
	33-017	Head Light (Serial No. 2645 -)	2
2	31-003	Light Switch	1
3	35-014	Hour Meter	1
4	13-19488-83032	Temperature Gauge	1
5	35-016	Ammeter	1
6	13-19267-64602	Kubota Regulator	1
7	30-059	Circuit Breaker	1
8	13-66706-55120	Ignition Switch	1
	13-66711-55140	Ignition Key	1
9	13-12584-52031	Electric Fuel Pump (Gas)	1
10	31-012	Seat Switch	1
11	33-008	Tail Light 33-034	2
12	31-004	PTO Switch (Serial No. 1001-2999)	1
	31-011	PTO Switch (Serial No. 3000 -)	1
13	31-004	Neutral Switch	1
	93-07	Mounting nut for 31-004	1
14	35-059	Interlock Module (Serial No. 1001-2999)	1
15	33-007	Oil Pressure Light	1
16	33-002	Battery, Group 22F (Serial No. 1001 - 1733)	1
	33-015	Battery, Group 26 (Serial No. 1734 -)	1
17	30-165	Battery Cable, To Starter (89" long)	1
	30-098	Cover Pos. Battery Terminal (Red)	1
18	30-064	Battery Cable, Ground (89" long)	1
	30-105	Cover Neg. Battery Terminal (Black)	1
19	13-15852-63010	Starter	1
20	13-31351-32831	Water Temperature Sender	1
21	13-15661-68900	Ignition Coil	1
22	13-12581-45380	Fuel Solenoid Valve Kit 13-15841-39010	1
23	13-028	Oil Pressure Switch	1
24	35-067	Relay (Serial No. 3000 -)	1
*	30-101	Wiring Harness, Complete (Serial No. 1001 - 2644)	1
*	30-142	Wiring Harness, Complete (Serial No. 2645 - 2999)	1
*	30-169	Wiring Harness, Complete (Serial No. 3000 -)	1

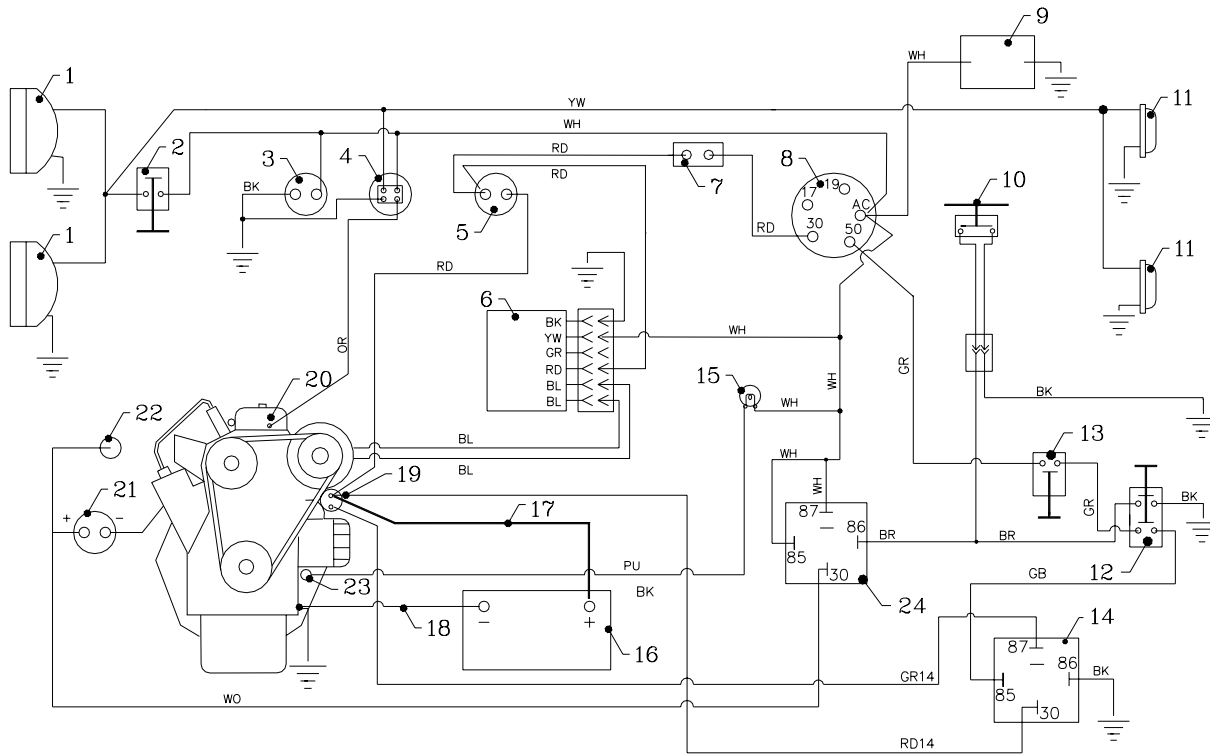
* Not Illustrated

30-169 = 70-078 kit = 30-207 starter relay wire harness needed to install starter relay
IT IS NOW IN HARNESS

13-19488-65831 = TEMP GAUGE WIRE HOLDER

13-19428-65831 plastic cover for #6 regulator plug

Kubota Gas Electrical Figure 2A



(Serial No. 3553 -)

Color Legend

Color Legend
BB = Blue with Black stripe
GB = Gray with Blue stripe
OR = Orange
WB = White with Black stripe

BK = Black
GR = Green
PU = Purple
WH = White

BL = Blue
GR14 =Green 14 gauge
RD = Red
WO = White with Orange stripe

BR = Brown
GY = Gray
RD14 =Red 14 gauge
YW = Yellow

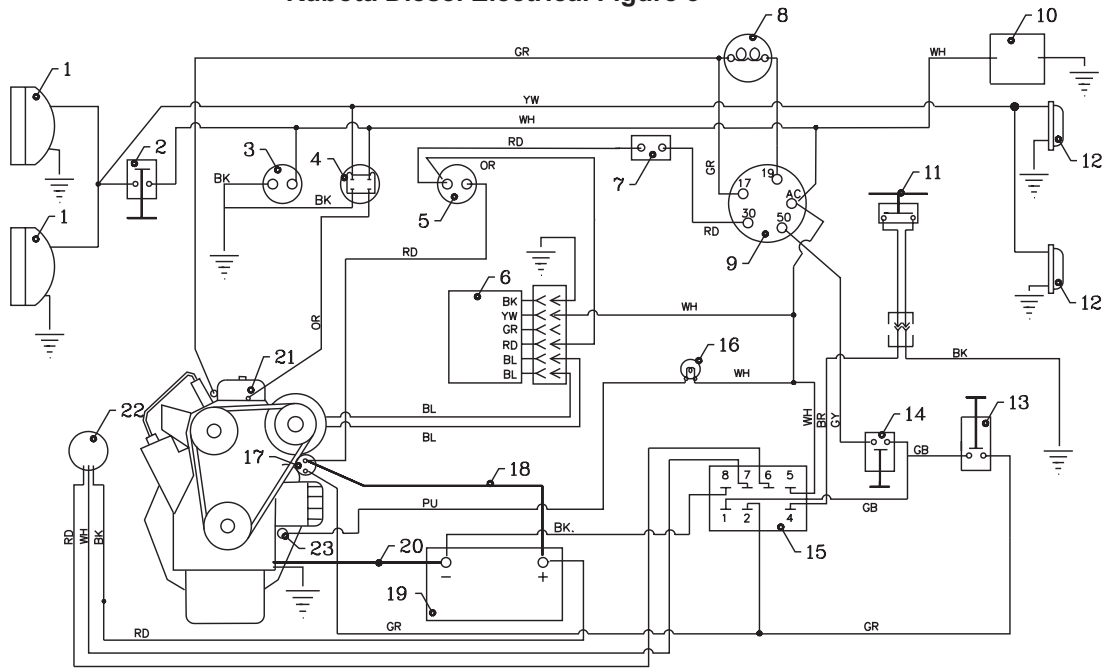
Parts List for Figure 2A (Kubota Gas Serial No. 3553 -)

Ref	Part no.	Description	Quantity
1	33-017	Headlight, Sealed Beam	2
2	31-003	Switch, Light	1
3	35-014	Hour Meter	1
4	13-19488-83032	Gauge, Water Temperature	1
5	35-016	Gauge, Ammeter	1
6	13-19267-64602	Regulator, Kubota	1
7	30-059	Breaker, Circuit 30 amp	1
8	13-66706-55120	Switch, Ignition	1
	13-66711-55140	Key, Ignition	1
9	13-12584-52031	Pump, Electric. Fuel	1
10	31-012	Switch, Seat (Serial No. 1001 - 3612)	1
	31-032	Seat Switch (Serial No. 3613 -)	1
	99-K31	Flange Bolt, 1/4 x 1/2 for Seat Switch 31-032	2
	30-242	Pigtail for Seat Switch 31-032	1
11	33-008	Tail Light, Red 33-034	2
12	31-011	Switch, PTO	1
13	31-004	Switch, Neutral	1
	93-07	Mounting Nut for 31-004	1
14	35-067	Relay, Starter (Serial No. 3553 -)	1
15	33-007	Light, Oil Pressure (Serial No. 1001 - 5197)	1
	33-026	Bulb, Oil Pressure Indicator Light (Ser. No. 5198 -)	1
	33-027	Lens, Oil Pressure Indicator Light (Ser. No. 5198 -)	1
	33-030	Nut, 3/4 Fine for Oil Light (Ser. No. 5198 -)	1
	33-029	Lockwasher, 3/4 Shakeproof (Ser. No. 5198 -)	1
16	33-015	Battery, Group 26	1
17	30-165	Battery Cable, 89" Long	1
	30-098	Cover, Pos. Battery Terminal (Red)	1
18	30-064	Battery Cable, 89" Long	1
	30-105	Cover, Neg. Battery Terminal (Black)	1
19	13-15852-63010	Starter	1
20	13-31351-32831	Sender, Water Temperature	1
21	13-15661-68900	Ignition Coil	1
22	13-12581-45380	Kit, Fuel Solenoid Valve	1
23	13-028	Switch, Oil Pressure 13-15841-39010 same as 430	1
24	35-067	Relay	1
*	30-169	Wire Harness, 420 Kubota Gas	1

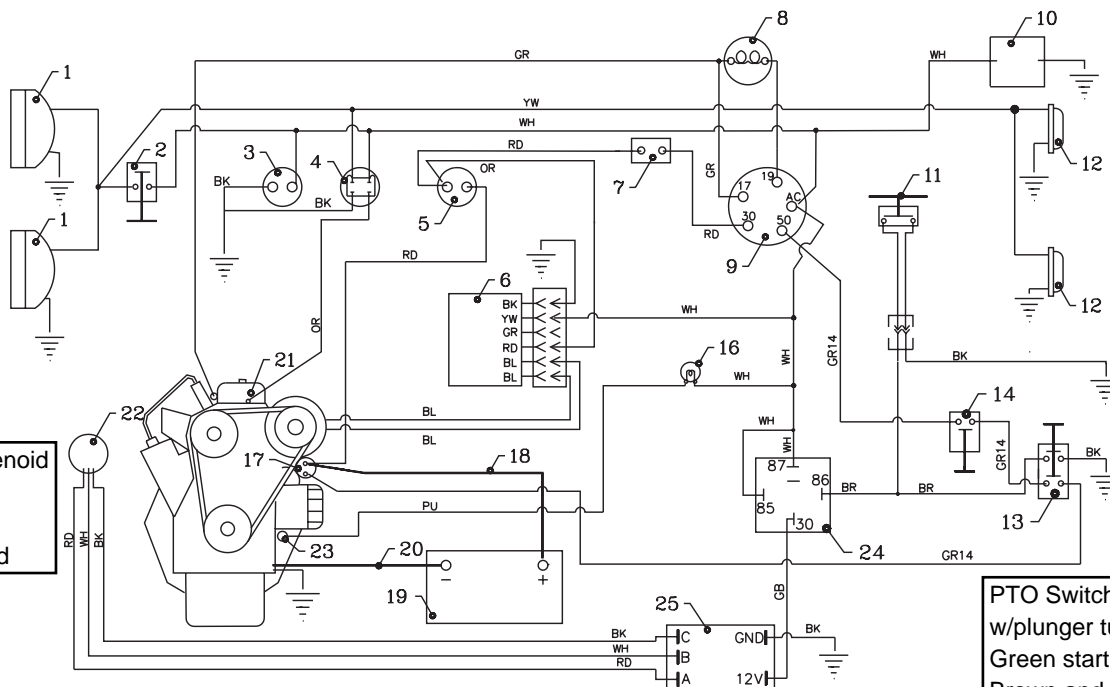
* Not Illustrated

30-169 = 70-078 kit = 30-207 starter relay wire harness needed to install starter relay
IT IS NOW IN HARNESS

Kubota Diesel Electrical Figure 3



(Serial No. 1001 - 2999)



(Serial No. 3000 - 3552)

Trombetta solenoid
Red = Hold
White = Pull
Black = Ground

PTO Switch
w/plunger turned down
Green starter wires on top
Brown and seat wire on bottom


Color Legend
BB = Blue with Black stripe
GB = Gray with Blue stripe
OR = Orange
WB = White with Black stripe

BK = Black
GR = Green
PU = Purple
WH = White

BL = Blue
GR14 = Green 14 gauge
RD = Red
WO = White with Orange stripe

BR = Brown
GY = Gray
RD14 = Red 14 gauge
YW = Yellow

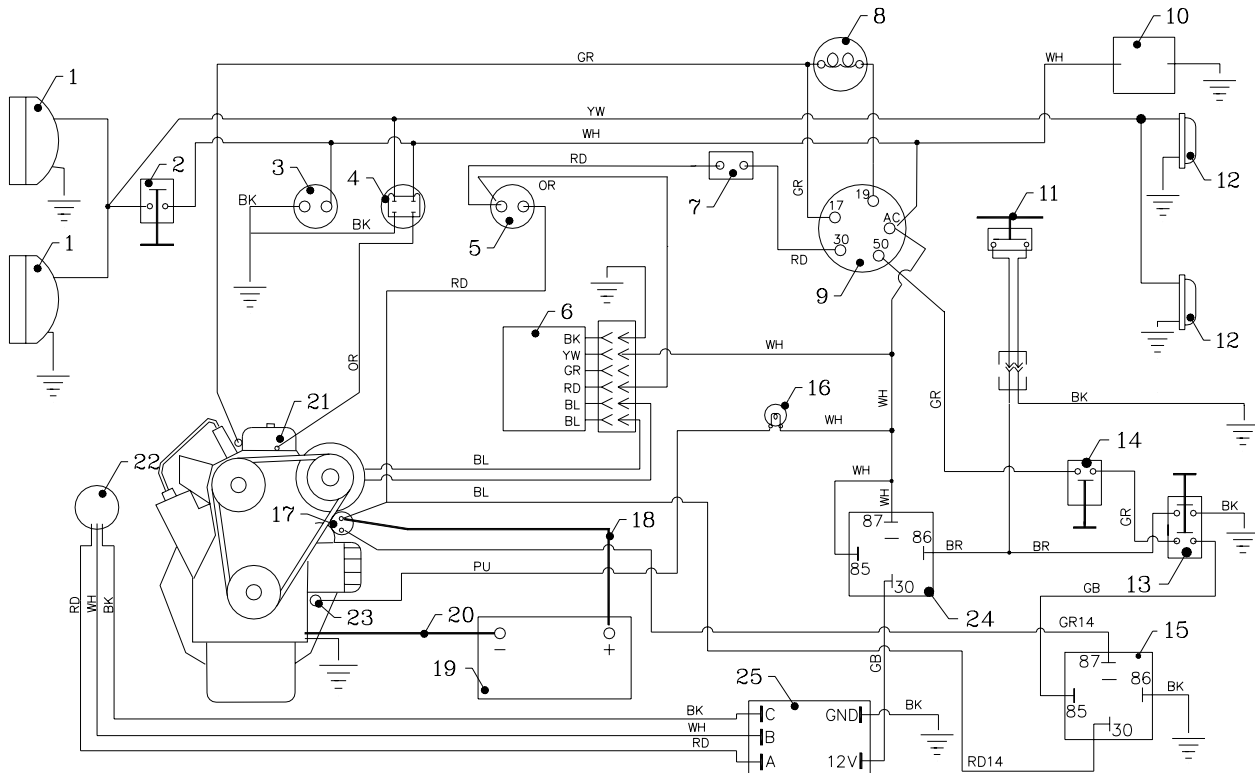
Parts List for Figure 3 (Kubota Diesel Serial No. 1001 - 3552)

Ref	Part no.	Description	Quantity
1	33-006	Head Light (Serial No. 1001 - 2644)	2
	33-017	Head Light (Serial No. 2645 -)	2
2	31-003	Light Switch	1
3	35-014	Hour Meter	1
4	13-19488-83032	Water Temperature Gauge	1
5	35-016	Ammeter	1
6	13-19267-64602	Kubota Regulator	1
7	30-059	Circuit Breaker	1
8	13-15521-65950	Glow Plug Indicator	1
9	13-66706-55120	Ignition Switch	1
	13-66711-55140	Ignition Key	1
10	13-68371-51211	Electric Fuel Pump (Diesel)	1
11	31-012	Seat Switch	1
12	33-008	Tail Light 	2
13	31-004	PTO Switch (Serial No. 1001-2999)	1
	31-011	PTO Switch (Serial No. 3000 -)	1
14	31-004	Neutral Switch	1
	93-07	Mounting nut for 31-004	1
15	35-060	Interlock Module (Serial No. 1001-2999)	1
16	33-007	Oil Pressure Light	1
17	13-15852-63010	Starter	1
18	30-149	Battery Cable, To Starter (89" long)	1
	30-098	Cover Pos. Battery Terminal (Red)	1
19	33-013	Battery, Group 22F (Serial No. 1001 - 1733)	1
	33-015	Battery, Group 26 (Serial No. 1734 -)	1
20	30-090	Battery Cable, Ground (89" long)	1
	30-105	Cover Neg. Battery Terminal (Black)	1
21	13-31351-32831	Water Temperature Sender	1
22	35-049	Stop Solenoid	1
23	13-028	Oil Pressure Switch	1
24	35-067	Relay (Serial No. 3000 -)	1
25	35-051	Solenoid Module (Serial No. 3000 -)	1
*	30-100	Wiring Harness, Complete (Serial No. 1001 - 2644)	1
*	30-141	Wiring Harness, Complete (Serial No. 2645 - 2999)	1
*	30-172	Wiring Harness, Complete (Serial No. 3000 -)	1

* Not Illustrated

30-172 = 70-078 kit = 30-207 starter relay wire harness needed to install starter relay
IT IS NOW IN HARNESS

Kubota Diesel Electrical Figure 3A



(Serial No. 3553 -)

Color Legend

BB = Blue with Black stripe
GB = Gray with Blue stripe
OR = Orange
WB = White with Black stripe

BK = Black
GR = Green
PU = Purple
WH = White

BL = Blue
GR14 = Green 14 gauge
RD = Red
WO = White with Orange stripe

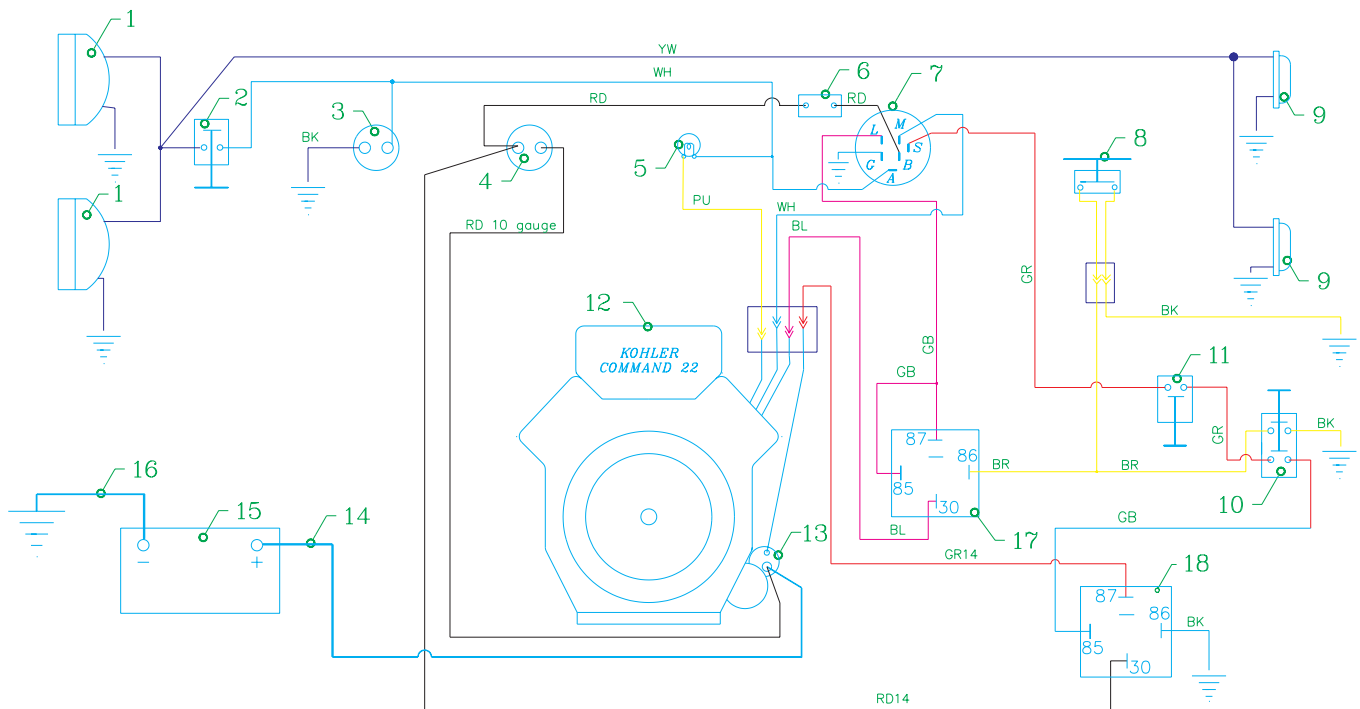
BR = Brown
GY = Gray
RD14 = Red 14 gauge
YW = Yellow

Parts List for Figure 3A (Kubota Diesel Serial No. 3553 -)

Ref	Part no.	Description	Quantity
1	33-017	Headlight, Sealed Beam	2
2	31-003	Switch, Light	1
3	35-014	Hour Meter	1
4	13-19488-83032	Gauge, Water Temperature	1
5	35-016	Gauge, Ammeter	1
6	13-19267-64602	Regulator, Kubota	1
7	30-059	Breaker, Circuit 30 amp	1
8	13-15521-65950	Lamp, Glow Plug Indicator	1
9	13-66706-55120	Switch, Ignition	1
	13-66711-55140	Key, Ignition	1
10	13-68371-51211	Pump, Electric Fuel	1
11	31-012	Switch, Seat (Serial No. 1001 - 3612)	1
	31-032	Seat Switch (Serial No. 3613 -)	1
	99-K31	Flange Bolt, 1/4 x 1/2 for Seat Switch 31-032	2
	30-242	Pigtail for Seat Switch 31-032	1
12	33-008	Tail Light, Red	2
13	31-011	Switch, PTO	1
14	31-004	Switch, Neutral	1
	93-07	Mounting Nut for 31-004	1
15	35-067	Relay, Starter (Serial No. 3553 -)	1
16	33-007	Light, Oil Pressure (Serial No. 1001 - 5197)	1
	33-026	Bulb, Oil Pressure Indicator Light (Ser. No. 5198 -)	1
	33-027	Lens, Oil Pressure Indicator Light (Ser. No. 5198 -)	1
	33-030	Nut, 3/4 Fine for Oil Light (Ser. No. 5198 -)	1
	33-029	Lockwasher, 3/4 Shakeproof (Ser. No. 5198 -)	1
17	13-15852-63010	Starter	1
18	30-149	Battery Cable, 89" Long	1
	30-098	Cover, Pos. Battery Terminal (Red)	1
19	33-015	Battery, Group 26	1
20	30-090	Battery Cable, 89" Long	1
	30-105	Cover, Neg. Battery Terminal (Black)	1
21	13-31351-32831	Sender, Water Temperature	1
22	35-049	Solenoid	1
23	13-028	Switch, Oil Pressure	1
24	35-067	Relay	1
25	35-051	Module, Solenoid	1
	30-172	Wire Harness, 420 Kubota Diesel	1

* Not Illustrated

Kohler Electrical Figure 4



Color Legend
BB = Blue with Black stripe
GB = Gray with Blue stripe
OR = Orange
WB = White with Black stripe

BK = Black
GR = Green
PU = Purple
WH = White

BL = Blue
GR14 =Green 14 gauge
RD = Red
WO = White with Orange stripe

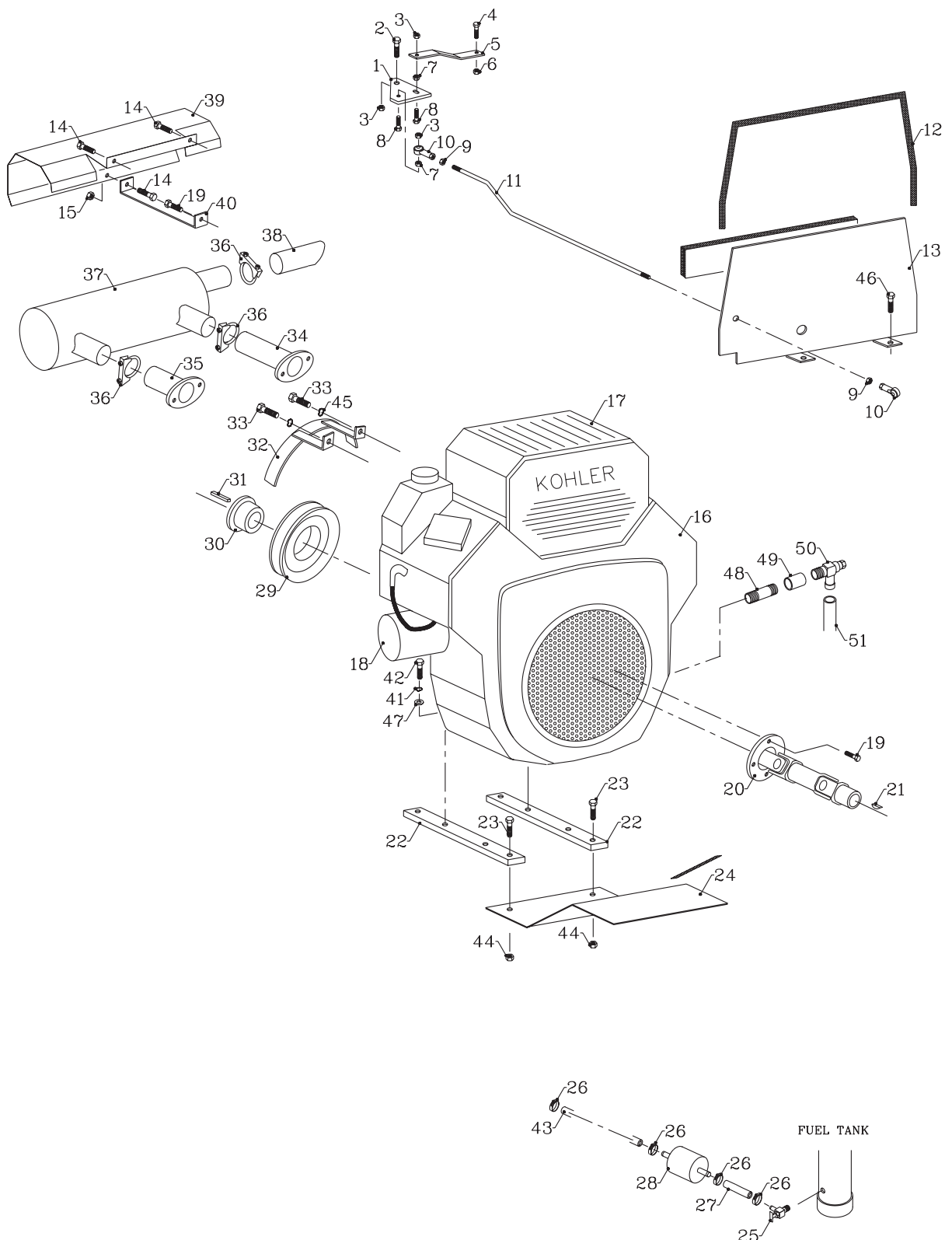
BR = Brown
GY = Gray
RD14 =Red 14 gauge
YW = Yellow

Parts List for Figure 4 (Kohler Engine)

Ref	Part no.	Description	Quantity
1	33-017	Headlight, Sealed Beam	2
2	31-003	Switch, Light	1
3	35-014	Hour Meter	1
4	35-016	Gauge, Ammeter	1
5	33-007	Light, Oil Pressure (Serial No. 1001 - 5197)	1
	33-026	Bulb, Oil Pressure Indicator Light (Ser. No. 5198 -)	1
	33-027	Lens, Oil Pressure Indicator Light (Ser. No. 5198 -)	1
	33-030	Nut, 3/4 Fine for Oil Light (Ser. No. 5198 -)	1
	33-029	Lockwasher, 3/4 Shakeproof (Ser. No. 5198 -)	1
6	30-059	Breaker, Circuit 30 amp	1
7	31-033	Key Switch	1
8	31-032	Switch, Seat	1
	30-242	Pigtail for Seat Switch 31-032	1
9	33-008	Tail Light, Red	2
10	31-011	Switch, PTO	1
11	31-004	Switch, Neutral	1
	93-07	Mounting Nut for 31-004	1
12	13-068	Engine, Kohler	1
13	REF	Starter	1
14	30-125	Battery Cable, 48" Long	1
	30-098	Cover, Pos. Battery Terminal (Red)	1
15	33-015	Battery, Group 26	1
16	30-127	Battery Cable, 19" Long	1
	30-105	Cover, Neg. Battery Terminal (Black)	1
17	35-067	Relay	1
18	35-067	Relay, Starter	1
*	30-245	Wiring Harness, Complete (Kohler)	1

* Not Illustrated

Kohler Engine Parts
Figure 4A



Parts List for Figure 4A

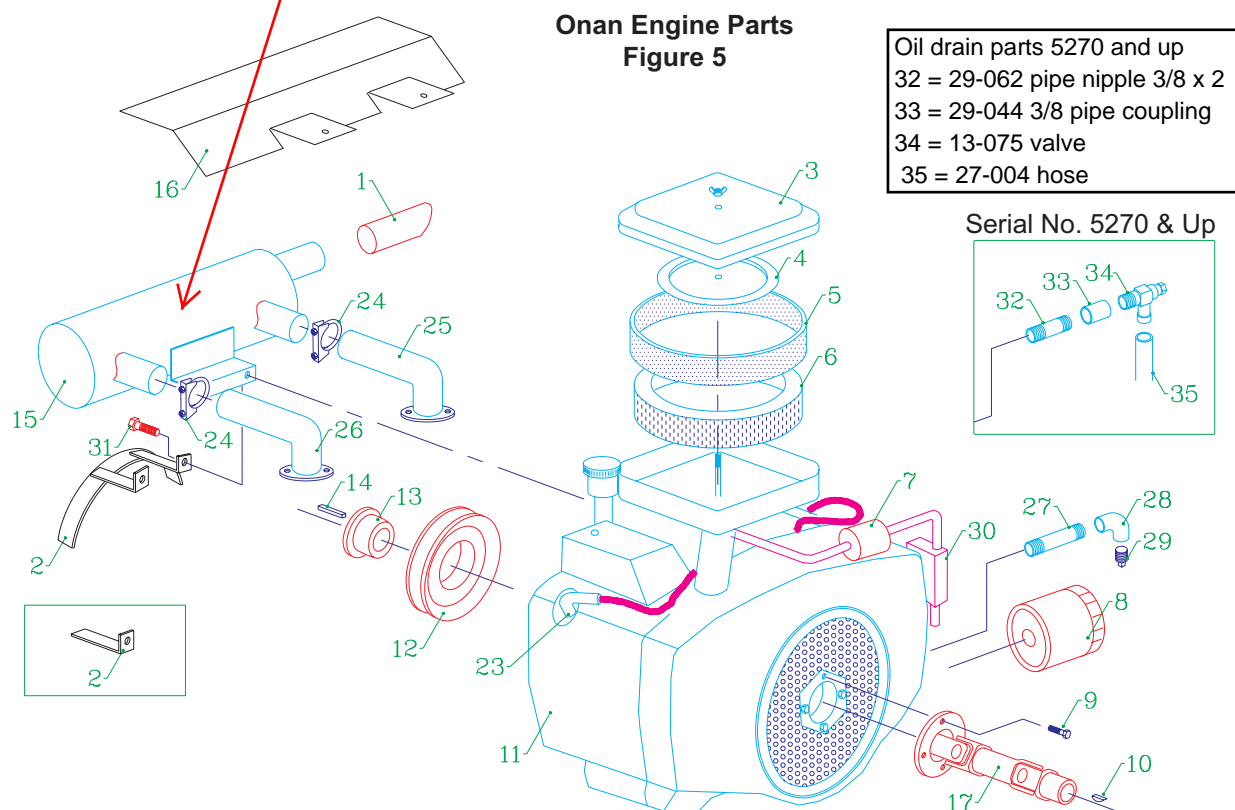
Ref	Part no.	Description	Quantity
1	64-822	Plate, Throttle	1
2	99-K53	Bolt, Shoulder 5/16 x 3/8	1
3	99-A04	Locknut, Stover 1/4-20 NC	3
4	01-022	Screw, Machine 6-32 X 1/2	1
5	42-488	Link, Throttle Control	1
6	01-023	Nut, #6-32	1
7	94-04	Flat Washer, 1/4	2
8	99-K51	Bolt, Flange 1/4-20 X 1-1/4	2
9	93-04	Nut, 1/4-28 NF	2
10	43-004A	Rod End, 1/4"	2
11	42-487	Rod, Throttle	1
12	56-068-35	Seal, Trim-seal 35" long	1
13	60-623	Shield, Heat	1
	Q7475-17	Weatherstrip, 1/2 x 2 x 17" long	1
14	99-K31	Flange Bolt 1/4-20 X 1/2	3
15	99-E20	Flange Nut, 1/4-20	3
16	13-068	Engine, Kohler 22 HP	1
17	13-47-083-03	Air Filter	1
	13-24-083-02	Precleaner	1
18	13-12-050-01	Oil Filter	1
19	07-0812525	Bolt, M8-1.25 X 25	5
20	87-172	Shaft, Drive	1
21	85-W0305	Key, Woodruff 3/16 X 5/8	1
22	64-821	Plate, Adapter	2
23	90-0510	Bolt, 5/16-18 X 1-1/4	4
24	60-622	Shield, Front Motor	1
	56-027-04	Trim-loc Trim 4" long	1
25	29-016	Valve, Fuel	1
26	11-017	Clamp, Hose	4
27	27-001-02	Hose, Fuel Line 2"	1
28	13-021	Fuel Filter	1
29	83-BK60H	Pulley	1
30	83-H18	Bushing, 1-1/8"	1
31	85-K0410	Key, 1/4 X 1/4 X 1-1/4	1
32	60-627	Retainer, Pto Belt	1
33	90-0708	Bolt, 7/16-14 X 1	2
34	14-096	Manifold, Exhaust RH	1
	13-2404102	Gasket, Manifold	2
35	14-097	Manifold, Exhaust LH	1
	13-2404102	Gasket, Manifold	1
36	11-034	Clamp, Muffler 1-1/4"	3
37	14-098	Muffler	1
38	14-049	Extension, Muffler	1
39	60-621	Shield, Heat	1
40	64-823	Bracket, Heat Shield	1
41	96-05	Lock Washer, 5/16	4
42	90-0512	Bolt, 5/16-18 X 1-1/2	4
43	27-001-54	Hose, Fuel Line 54"	1
44	99-E12	Flange Nut, 5/16-18	4
45	96-07	Lock Washer, 7/16	2
46	99-K27	Bolt, Flange 1/4-20 X 1	2
47	95-05	Flat Washer, 5/16 SAE	4
48	29-062	Pipe Nipple, 3/8 x 2 NPT (Serial No. 5246 -)	1
49	29-044	Pipe Coupling, 3/8 NPT (Serial No. 5246 -)	1
50	13-075	Valve, Oil Drain (Serial No. 5246 -)	1
51	27-004	Hose, 1/2 Push Lock (Serial No. 5246 -)	1

ENGINE

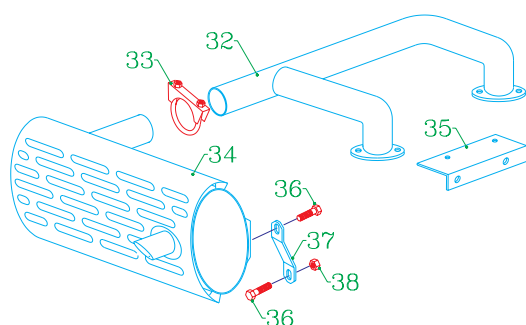
#15 = 13-018 = Muffler kit = Onan Part #5410280 kit
Both kit parts get altered before we ship the 13-018 kit
Print TRT-175 = 199040N = Nelson Muffler Spout gets cut
Print TR-805 = 155-2329-50 = Onan Part number for the bracket. It gets bent for proper fit... see inserts

section 2

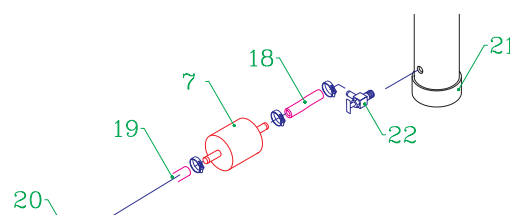
Onan Engine Parts
Figure 5



OPTIONAL EXTERNAL MUFFLER



FUEL TANK



Parts List for Figure 5

Ref	Part no.	Description	Quantity
1	14-009	Extension, Muffler	1
	11-028	Muffler Clamp	1
2	64-179	Belt Retainer (Serial No. 1001 - 2999)	1
	64-740	Belt Retainer (Serial No. 3000 -)	1
3	13-140-1663	Cover, Air Cleaner (Serial No. 1001 - 2665)	1
	13-140-1913-02	Cover, High-Capacity Air Cleaner (Serial No. 2666 -)	1
4	13-140-1692	Plate, Air Filter	1
5	13-007	Precleaner (Serial No. 1001 - 2665)	1
	13-140-1912	Precleaner, High-Capacity Air Cleaner (Serial No. 2666 -)	1
6	13-006	Air Filter (Serial No. 1001 - 2665)	1
	13-140-2628-02	Air Filter, High-Capacity Air Cleaner (Serial No. 2666 -)	1
7	13-021	Fuel Filter (at engine, if used)	1
	13-021	Fuel Filter (at tank, Serial No. 1707 -)	1
8	13-011	Oil Filter	1

Parts List for Figure 5 (continued)

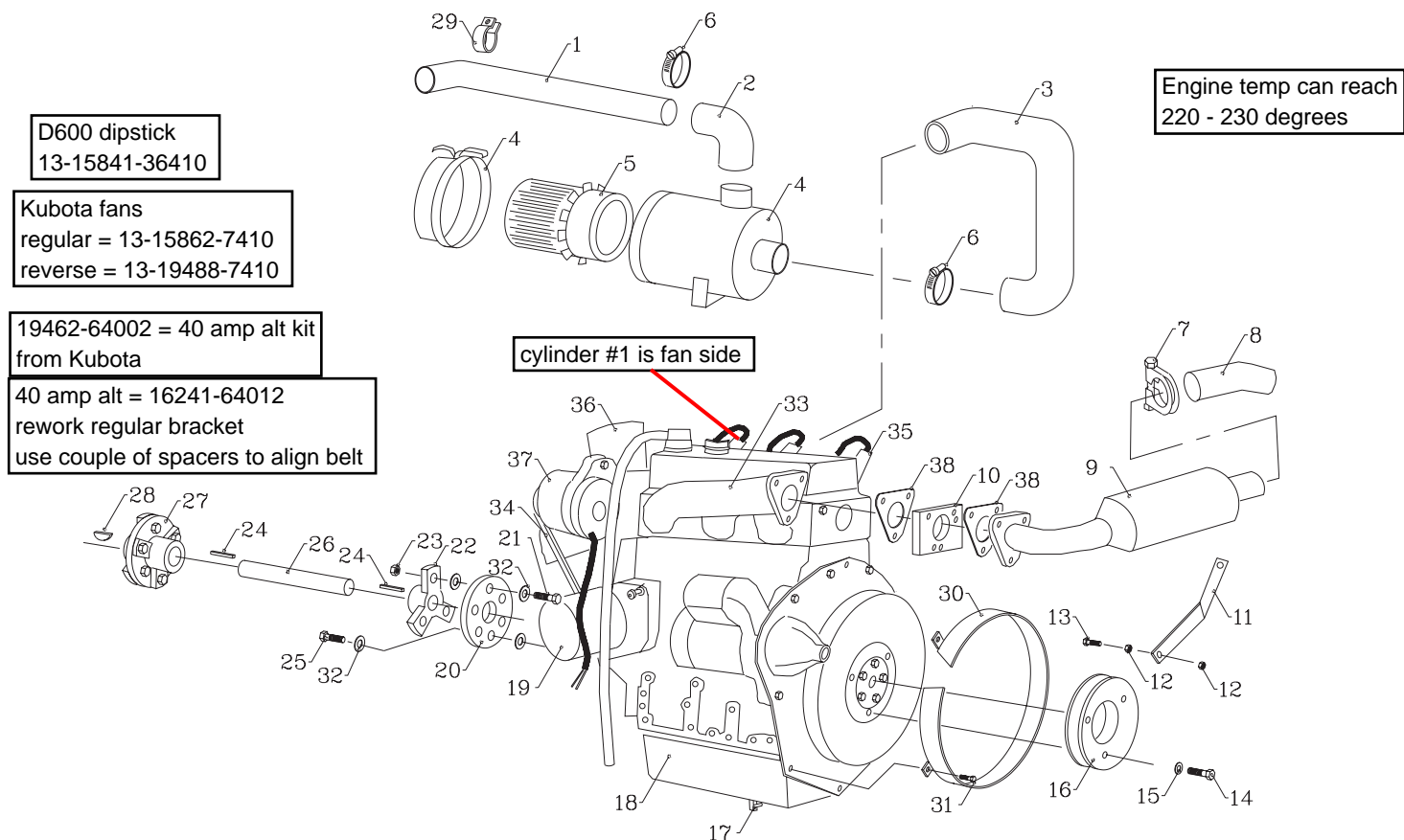
Ref	Part no.	Description	Quantity
9	90-0506	Bolt, 5/16 x 3/4	4
	96-05	Lock Washer, 5/16	4
10	85-W0305	Woodruff Key	1
11	13-033	Onan Engine, P220 (Serial No. 1001 - 2665) Sub 13-060	1
	13-060	Onan Engine, P220 w/High-Cap Air Clnr (Ser. No. 2666 -)	1
12	83-BK60H	Pulley	1
13	83-H18	Bushing	1
14	85-K0410	Key	1
15	13-018	Muffler with Bracket	1
	14-039	Bracket Only	1
16	60-268	Shield, Engine Heat	1
17	87-116	Powershaft	1
18	27-001-02	Fuel Line, 2"	1
19	27-001-54	Fuel Line, 54"	1
20	11-017	Hose Clamp	4
21	29-015	Cap	1
22	29-016	Fuel Valve	1
23	13-167-0272	Spark Plug (Champion RS17YX)	2
	13-167-1602	Cable, Spark Plug	2
24	11-034	Clamp, Muffler	2
25	13-154-2343	Exhaust Manifold, Right	1
26	13-154-2344	Exhaust Manifold, Left	1
27	29-019	Nipple, Oil Drain (Serial No. 1001 - 5269)	1
28	29-020	Elbow, Oil Drain (Serial No. 1001 - 5269)	1
29	29-049	Pipe Plug, Oil Drain (Serial No. 1001 - 5269)	1
30	13-149-1982	Fuel Pump	1
31	99-K11	Flange Bolt, 3/8 x 3/4	2
*	13-110-3424-02	Short Block	1
*	13-110-3181	Gasket, Head	2
*	13-110-3508	Head, Left	1
*	13-110-3509	Head, Right	1
*	13-110-3709	Gasket, Valve Cover	3
*	13-168-0187	Complete Gasket Set	1
*	13-102-1387	Gasket, Oil Base	1
*	13-191-2106	Voltage Regulator	1
*	13-166-0785	Ignition Module	1
*	13-123-1871	Filter, Breather Tube	1
*	13-166-0761	Coil	1
*	13-146-0500	Carburetor Kit	1
*	13-146-0496	Carburetor	1
32	29-062	Pipe Nipple, 3/8 x 2 NPT (Serial No. 5270 -)	1
33	29-044	Pipe Coupling, 3/8 NPT (Serial No. 5270 -)	1
34	13-075	Valve, Oil Drain (Serial No. 5270 -)	1
35	27-004	Hose, 1/2 Push Lock (Serial No. 5270 -)	1

* Not Illustrated

NOTE: The LD300 loader and the BM425 boom mower cannot be mounted on 420 power units equipped with the optional 70-086 external muffler kit.

	70-086	External Muffler Kit (Optional) includes Ref. 32 - 38	1
32	13-541-0377	Exhaust Manifold	1
33	11-034	Muffler Clamp	1
34	14-050	Muffler	1
35	64-824	Bracket, Shield Support	1
36	99-K26	Flange Bolt, 1/4 x 3/4	2
37	64-825	Bracket, Muffler Support	1
38	99-E20	Flange Nut	2

**Kubota
Engine Parts
Figure 6**



Parts List for Figure 6

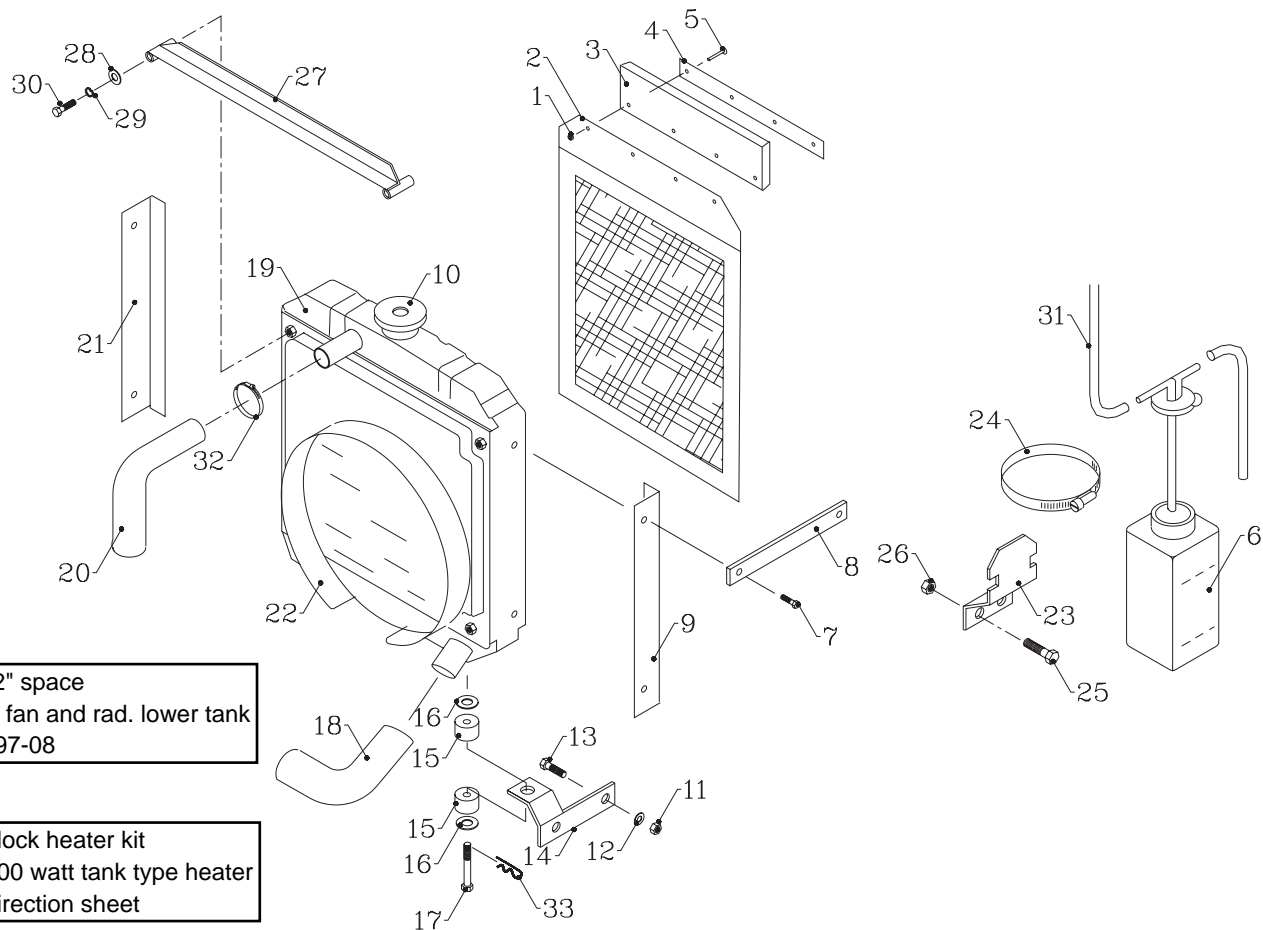
Ref	Part no.	Description	Quantity
1	13-042	Air Intake Tube	1
2	13-19461-11620	Air Intake Hose	1
3	13-048	Air Intake Hose, Kubota Gas	1
	13-049	Air Intake Hose, Kubota Diesel	1
4	13-15372-11010	Air Cleaner Assembly	1
	13-15241-11160	Cover, Air Cleaner	1
5	13-70000-11221	Element, Air Cleaner	1
6	11-022	Hose Clamp	4
7	13-66711-54421	Muffler Clamp	1
8	13-66711-54411	Pipe Extension	1
9	14-043	Muffler	1
10	14-028	Adapter, 3-bolt	1
	90-0516	Bolt, 5/16 x 2	1
	90-0508	Bolt, 5/16 x 1	2
	90-0506	Bolt, 5/16 x 3/4	1
	99-19	Bolt, 5/16 x 3/4 Socket Head	1
	96-05	Lock Washer	5
	99-G02	Lock Washer, High Collar	1
11	64-345	Muffler Brace	1

Parts List for Figure 6

Ref	Part no.	Description	Quantity
12	92-05	Nut, 5/16	3
13	90-0510	Bolt, 5/16 x 1-1/4	1
14	90-0616	Bolt, 3/8 x 2	3
15	96-06	Lock Washer, 3/8	3
16	82-061	Pulley, Special	1
17	13-029	Oil Drain Cock	1
18	13-031	Engine D600B Kubota Diesel	1
	13-034	Engine WG600B Kubota Gas	1
19	13-70000-15241	Engine Oil Filter	1
20	87-142	Coupler Disc	1
21	91-0510	Bolt, 5/16 x 1-1/4 NF	3
22	87-112	Coupler Flange	1
23	99-A05NF	Locknut, 5/16 NF	3
24	85-K0310	Key	2
25	07-0812520	Bolt, M8 x 20	3
26	80-178	Shaft	1
27	87-046	Coupler	1
	87-113	Coupler Disc	1
	87-112	Coupler Flange	2
	91-0510	Bolt, 5/16 x 1-1/4 NF	6
	99-A05NF	Locknut, 5/16 NF	6
	99-B27	Washer, Special Beaded	12
28	85-W0305	Woodruff Key	1
29	13-019	Clamp, Intake Tube	1
30	60-403	Shield, Flywheel	1
31	07-0812520	Bolt, M8 x 20	2
32	99-B27	Washer, Special Beaded	12
33	13-15862-12310	Exhaust Manifold, 3-Bolt Rear Outlet	1
34	13-15841-97010	Fan Belt 32" WORKING LENGTH 3/8" WIDE	1
35	13-15951-65510	Glow Plug (D600 only)	3
	13-12691-67710	Spark Plug	3
36	13-15862-74110	Fan	1
37	13-15531-64013	Alternator	1
38	13-15852-12230	Gasket, Muffler 3-Hole	1
*	13-15861-01620	Gasket, Oil Pan	1
*	13-15861-14520	Gasket, Valve Cover	1
*	13-15861-03312	Gasket, Head (D600 only)	1
*	13-15841-12350	Gasket, Exhaust Manifold	3
*	13-15861-11820	Gasket, Intake Manifold	1
*	13-15841-53000	Injector	3
*	13-15841-53620	Injector Packing	3
*	13-15531-73010	Thermostat (D600 Only)	1
*	13-15676-73270	Gasket, Thermostat	1
*	13-15841-73430	Gasket, Water Pump	1
*	13-12581-03310	Gasket, Head (WG600 only)	1
*	13-19203-73010	Thermostat (WG600 only)	1
*	13-15661-68900	Coil (WG600 only)	1
*	13-12581-44010	Carburetor (WG600 only)	1
*	13-13961-46110	Carburetor Gasket, Manifold (WG600 only)	1
*	13-13961-11510	Carburetor Gasket, Inlet (WG600 only)	1
*	13-15852-52850	Fuel Pump Cover Plate	1

* Not Illustrated

Kubota
Cooling System
Figure 7



1/4" - 1/2" space
between fan and rad. lower tank
Bulletin 97-08

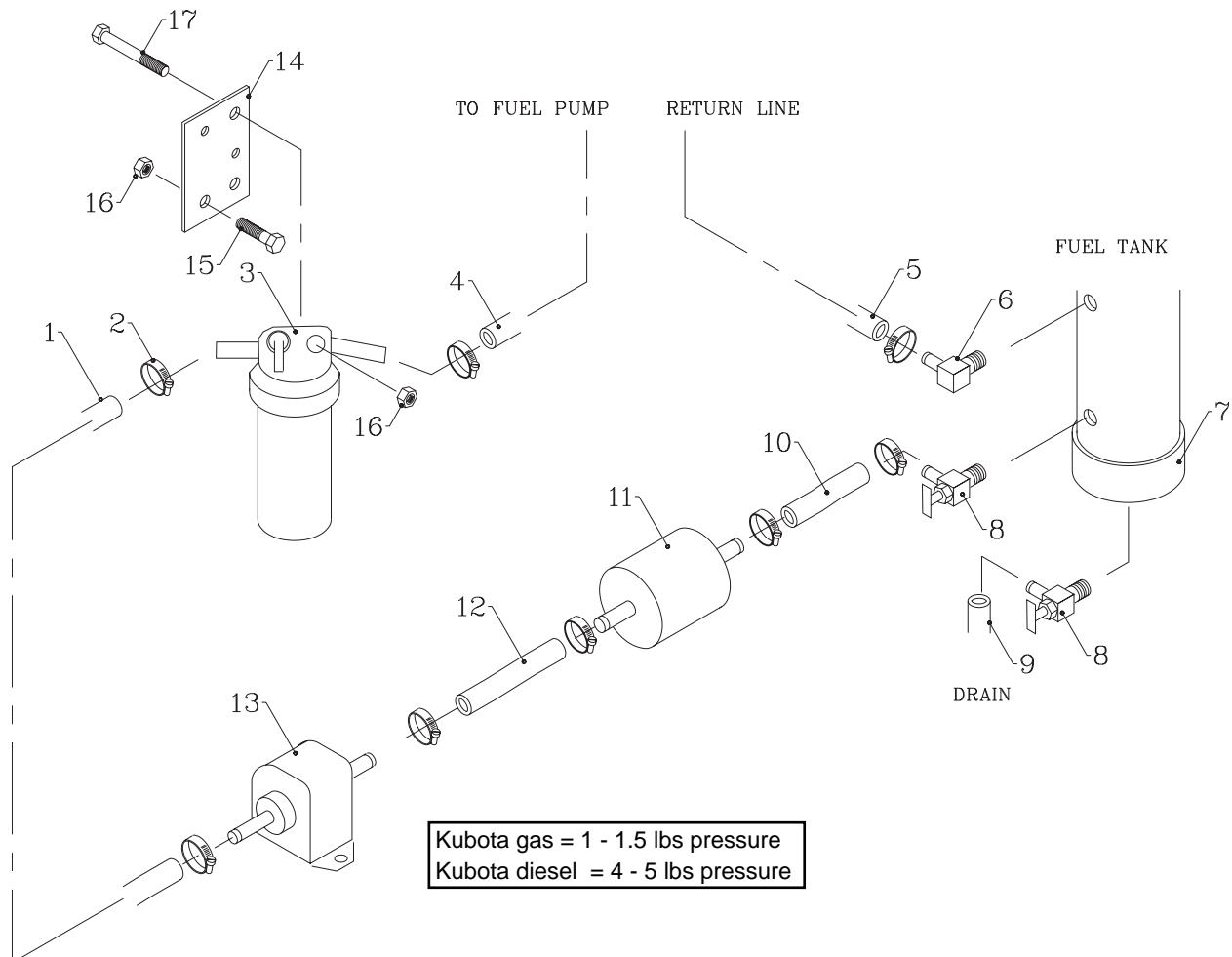
70-033 block heater kit
35-061 500 watt tank type heater
19-157 direction sheet

70000-156313 Kubota block heater
works on 600 type engines

Parts List for Figure 7

Ref	Part no.	Description	Quantity
1	01-004	Nut, 8-32	4
2	60-304	Screen, Radiator	1
3	44-093	Baffle for Screen, Radiator	1
4	64-246	Retainer Strip	1
5	01-002	Screw, 8-32 x 1/2	4
6	13-036	Coolant Recovery Bottle	1
7	07-0610020	Bolt, M6 x 20	4
8	64-222	Bracket, Upper Radiator	2
9	64-224	Radiator Screen Mount, Right	2
10	13-15272-72021	Radiator Cap	1
11	92-06	Nut, 3/8	4
12	95-06	Flat Washer, 3/8 SAE	4
13	90-0610	Bolt, 3/8 x 1-1/4	4
14	64-238	Radiator Support, Right	1
	64-239	Radiator Support, Left	1
15	13-15111-72181	Rubber Bushing, Upper	2
	13-15111-72191	Rubber Bushing, Lower	2
16	13-15111-72200	Cup Washer	4
17	13-66711-51340	Bolt	2
18	13-15861-72852	Radiator Hose, Lower	1
19	13-12581-72060	Radiator	1
20	13-15861-72942	Radiator Hose, Upper	1
21	64-315	Radiator Screen Mount, Left	1
22	14-016	Shroud, Radiator	1
23	64-272	Support Bracket (Serial No. 1001 - 2999)	1
	64-738	Support Bracket (Serial No. 3000-)	1
24	11-020	Clamp	1
25	99-K19	Flange Bolt, 5/16 x 3/4	2
26	99-E12	Flange Nut, 5/16	2
27	64-737	Expansion Tank Bracket (Serial No. 3000-)	1
28	94-04	Flat Washer, 1/4 (Serial No. 3000-)	2
29	96-04	Lock Washer, 1/4 (Serial No. 3000-)	2
30	07-0610050	Metric Bolt, M6-1.00 x 50 (Serial No. 3000-)	2
31	56-034-27	Tubing, 9/32	1
32	13-66204-36231	Hose Clamp	1
33	13-05515-51000	Snap Pin	1

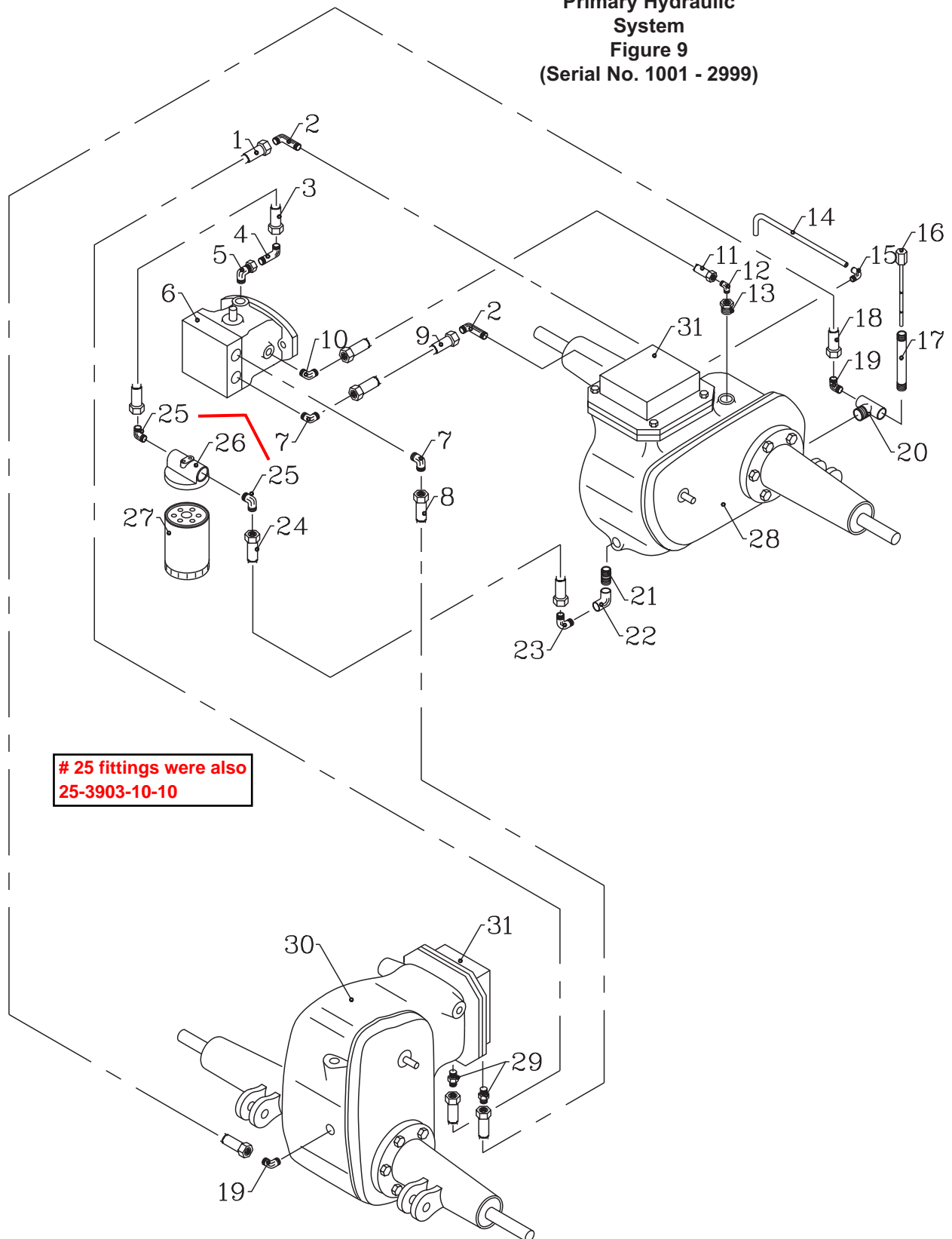
Kubota
Fuel System
Figure 8



Parts List for Figure 8

Ref	Part no.	Description	Quantity
1	27-012-48	Fuel Line, 5/16 x 48 (Diesel Only) (Serial No. 1001 - 2999)	1
	27-012-44	Fuel Line, 5/16 x 44 (Diesel Only) (Serial No. 3000 -)	1
	27-001-54	Fuel Line, 1/4 x 54 (Gas Only)	1
2	11-017	Small Hose Clamp	10
3	13-19204-43010	Assembly, Fuel Filter (Diesel Only)	1
	13-15231-43560	Element, Fuel Filter (Diesel Only)	1
4	27-012-30	Fuel Line, 5/16 x 30 (Diesel Only) (Serial No. 1001 - 2999)	1
	27-012-34	Fuel Line, 5/16 x 34 (Diesel Only) (Serial No. 3000 -)	1
5	27-001-72	Return Line, 1/4 x 72 (Diesel Only)	1
6	29-047	Fitting (Diesel Only)	1
	29-061	Pipe Plug, 1/8 (Gas Only)	1
7	24-010	Cap (Diesel Only)	1
	29-015	Cap (Gas Only)	1
8	29-016	Fuel Valve	2
9	56-007-10	Vinyl Drain Tube, 1/4 x 10	1
10	27-001-02	Fuel Line, 1/4 x 2	1
11	13-021	Fuel Filter	1
12	27-001-02	Fuel Line, 1/4 x 2	1
13	13-12584-52031	Electric Fuel Pump (Gas Only)	1
	13-68371-51211	Electric Fuel Pump (Diesel Only)	1
14	64-755	Mounting Plate, Fuel Filter (Diesel Only) (Serial No. 3000-)	1
15	99-K19	Flange Bolt, 5/16 x 3/4 (Diesel Only) (Serial No. 3000-)	2
16	99-E12	Flange Nut, 5/16 (Diesel Only) (Serial No. 3000-)	3
17	90-0520	Bolt, 5/16 x 2-1/2 (Diesel Only) (Serial No. 3000-)	1

Primary Hydraulic
System
Figure 9
(Serial No. 1001 - 2999)

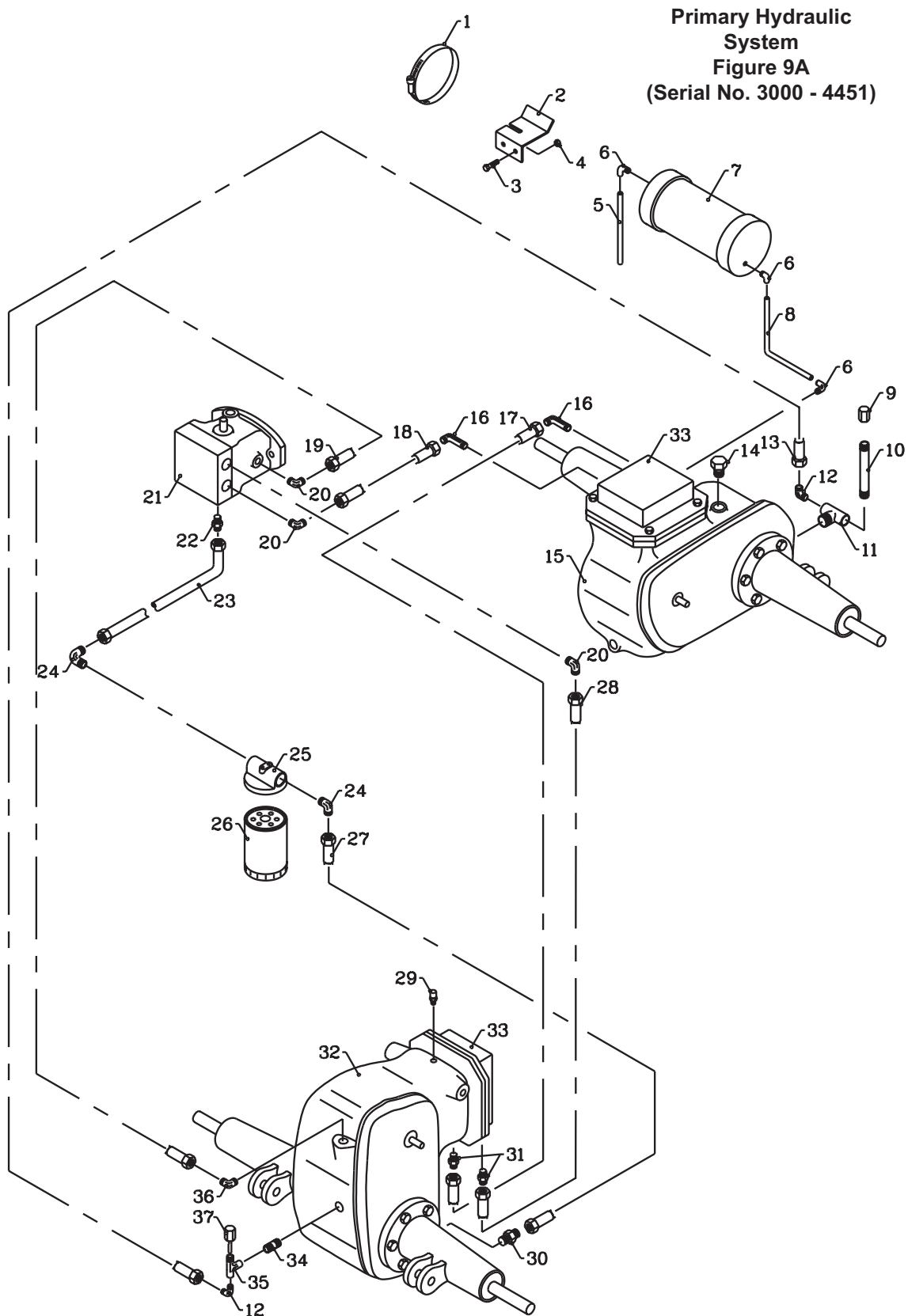


Parts List for Figure 9 (Serial No. 1001 - 2999)

Ref	Part no.	Description	Quantity
1	20-044	Hose, 1/2 x 44	1
2	25-6801-LL1/4-8	Fitting	2
3	22-001	Hose, 5/8 x 8 (Onan)	1
	22-019	Hose, 5/8 x 15 (Kubota)	1
4	25-5603-8-10	Fitting (Serial No. 1001 - 2620)	1
	25-6500-LL-10	Fitting (Serial No. 2621 - 2999)	1
5	25-2507-8-8	Fitting (Serial No. 1001 - 2620)	1
	25-2503-8-10	Fitting (Serial No. 2621 - 2999)	1
6	21-003	Hydraulic Pump, Sundstrand 15-2059	1
7	25-2503-8-8	Fitting	2
8	20-003	Hose, 1/2 x 64	1
9	20-024	Hose, 1/2 x 27	1
10	25-2503-8-6	Fitting	1
11	22-015	Hose, 3/8 x 19	1
12	25-2103-4-6	Fitting	1
13	25-0502-10-4	Adapter	1
14	27-001-40	Vinyl Tube, 40"	1
15	29-047	Fitting	1
16	24-001	Dipstick	1
17	29-011	Nipple, 3/8 x 6	1
18	22-028	Hose, 1/2 x 59	1
19	25-2103-6-8	Fitting	2
20	25-212T-6-6	Fitting	1
21	29-039	Nipple, 3/8 Close	1
22	29-040	Elbow, 3/8 45 Degree	1
23	25-3103-6-10	Fitting	1
24	22-018	Hose, 5/8 x 26-1/4	1
25	25-2103-8-10	Fitting	2
26	21-058	Filter Head, with 1/2" ports	1
27	21-001	Filter 21-093	1
28	† 51-007	Transaxle, Front (Serial No. 1001 - 1135)	1
	51-029	Transaxle, Front (Serial No. 1136 - 2000)	1
	51-031	Transaxle, Front (Serial No. 2001 - 2999)	1
29	25-3503-8-8	Fitting	2
30	† 51-008	Transaxle, Rear (Serial No. 1001 - 1135)	1
	51-029	Transaxle, Rear (Serial No. 1136 - 2000)	1
	51-031	Transaxle, Rear (Serial No. 2001 - 2999)	1
31	21-004	Motor, Hydraulic	2
*	21-005	Gasket, Motor	2
*	15-010	Trans-Hydraulic Oil, 5 gal. (two 2-1/2 gal.)	1
*	15-012	Trans-Hydraulic Oil, quart	1

* Not Illustrated

† For replacement parts order part #51-029



Parts List for Figure 9A (Serial No. 3000 - 4451)

Ref	Part no.	Description	Quantity
1	11-029	Hose Clamp, 2-1/2" (Onan)	1
	11-018	Hose Clamp, 4" (Kubota)	2
2	64-736	Mounting Bracket, Expansion Tank (Onan)	1
		Mounting Bracket, Expansion Tank (Kubota) See Fig. 7	1
3	99-K26	Flange Bolt, 1/4 x 3/4 (Onan)	2
4	99-E20	Flange Nut, 1/4 (Onan)	2
5	27-001-21	Hose, Expansion Tank Overflow, 21" (Onan)	1
	27-001-29	Hose, Expansion Tank Overflow, 29" (Kubota)	1
6	29-047	Fitting, 90 deg.	3
7	24-039		

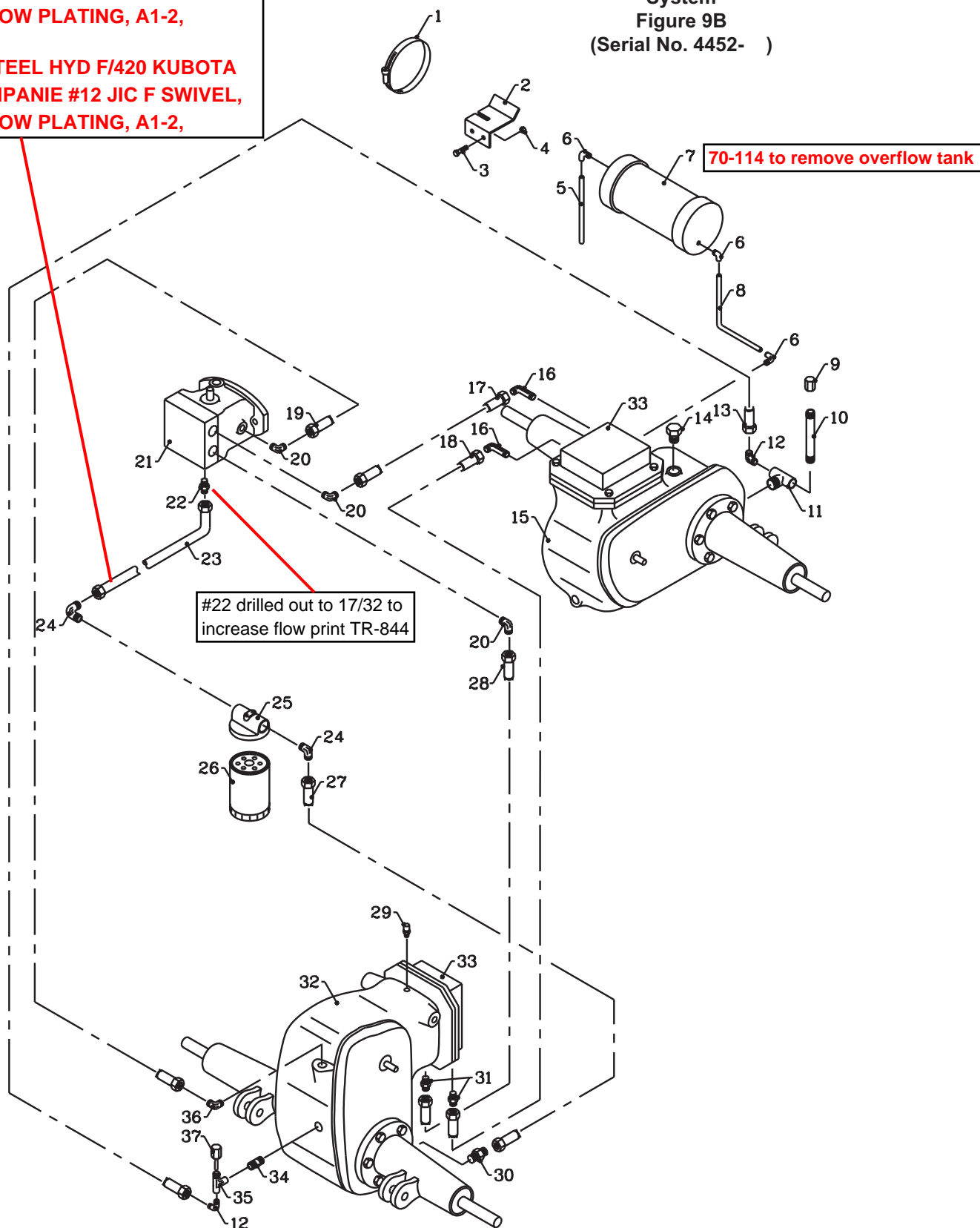
HYDRAULICS

section 3

23-060 TUBE, STEEL HYD F/420 ONAN
FORMRITE COMPANIE #12 JIC F SWIVEL,
ZINC AND YELLOW PLATING, A1-2,

23-061 TUBE, STEEL HYD F/420 KUBOTA
FORMRITE COMPANIE #12 JIC F SWIVEL,
ZINC AND YELLOW PLATING, A1-2,

Primary Hydraulic
System
Figure 9B
(Serial No. 4452-)



Parts List for Figure 9B (Serial No. 4452 -)

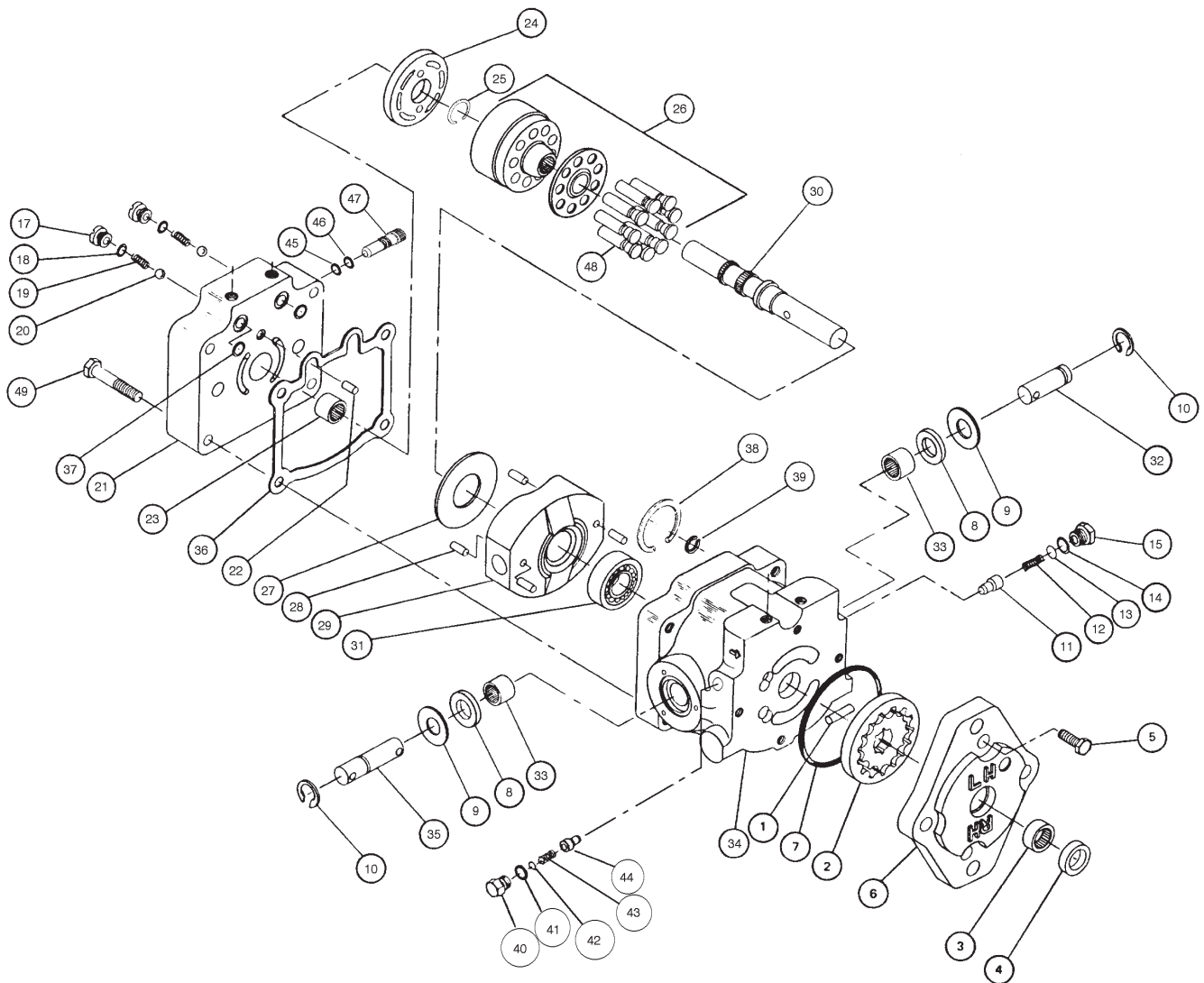
Ref	Part no.	Description	Quantity
1	11-029	Hose Clamp, 2-1/2" (Onan)	1
	11-018	Hose Clamp, 4" (Kubota)	2
2	64-736	Mounting Bracket, Expansion Tank (Onan)	1
		Mounting Bracket, Expansion Tank (Kubota) See Fig. 7	1
3	99-K26	Flange Bolt, 1/4 x 3/4 (Onan)	2
4	99-E20	Flange Nut, 1/4 (Onan)	2
5	27-001-21	Hose, Expansion Tank Overflow, 21" (Onan)	1
	27-001-29	Hose, Expansion Tank Overflow, 29" (Kubota)	1
6	29-047	Fitting, 90 deg.	3
7	24-039	Expansion Tank	1
8	27-001-25	Hose, Expansion Tank Inlet, 25" (Onan)	1
	27-001-23	Hose, Expansion Tank Inlet, 23" (Kubota)	1
9	29-032	Hex Pipe Cap, 3/8	1
10	29-011	Pipe Nipple, 3/8 x 6	1
11	25-212T-6-6	Fitting, Tee	1
12	25-2103-6-8	Fitting, 90 Degree	2
13	22-028	Hose, 1/2 x 59	1
14	25-05CP-10	Fitting, Cap	1
15	51-031	Transaxle, Front	1
16	25-6801-LL1/4-8	Fitting, 90 Degree	2
17	20-067	Hose, 1/2 x 40	1
18	20-067	Hose, 1/2 x 40	1
19	22-045	Hose, 1/2 x 52	1
20	25-2503-8-8	Fitting, 90 Degree, O-Ring	3
21	21-003	Hydraulic Pump, Sundstrand	1
*	99-15	Bolt, 1/2 x 1-3/4 SHCS	2
*	93-08	Nut, 1/2 NF	2
*	96-08	Lockwasher, 1/2	2
22	24-036	Fitting	1
23	23-060	Tube, Steel Hydraulic (Onan)	1
	23-061	Tube, Steel Hydraulic (Kubota)	1
24	25-2103-12-12	Fitting, 90 Degree	2
25	21-073	Filter Head with 3/4" ports	1
26	21-093	Filter Element, Hydraulic	1
27	22-041	Hose, 3/4 x 43-1/2 (Onan)	1
	22-042	Hose, 3/4 x 42 (Kubota)	1
28	20-044	Hose, 1/2 x 44	1
29	29-106	Fitting, Vented with Cap	1
30	24-037	Fitting	1
31	25-3503-8-8	Fitting, 45 Degree, O-Ring	1
32	50-083	Transaxle, Rear	1
33	21-004	Motor, Hydraulic	2
*	21-005	Gasket, Motor	1
34	29-039	Pipe Nipple	1
35	25-012T-6-6	Fitting, Tee	1
36	25-3103-6-8	Fitting, 45 Degree	1
37	24-041	Dipstick, Hydraulic Oil	1

70-133 kit to replace
w/new style pump

**SEE NOTE
PREV. PAGE**

* Not Illustrated

Sundstrand
Series 15
Pump Parts
Figure 22

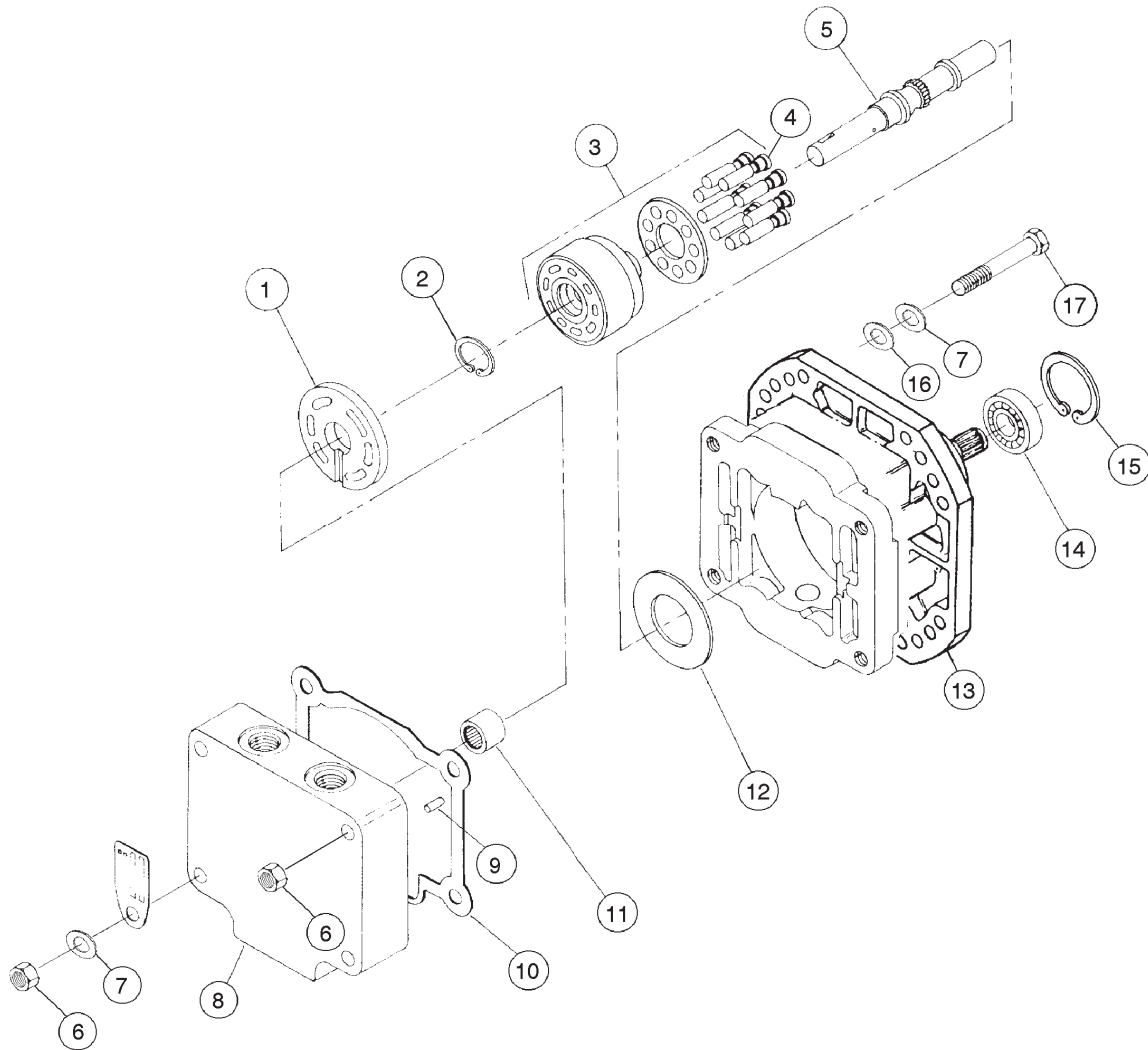


Parts List for Figure 22

Ref	Part no.	Description	Quantity
1	21-041	Pin, Drive (Series 15-2177)	1
2	21-027	Gerotor, Charge Pump (Series 15-2177)	1
	21-3104034	Gerotor Assembly (Series 15-2264)	1
3	21-036	Bearing, Charge Pump	1
4	21-048	Seal, Input Shaft	1
5	21-046	Screw, Hex Head 5/16 x 7/8	4
6	21-031	Housing, Charge Pump	1
7	21-038	O-Ring	1
8	21-047	Seal, Control Shaft	2
9	21-049	Washer	2
10	21-045	Ring, Retainer	2
11-15	21-051	Relief Valve Kit, Implement	1
12	21-3102027	Spring, Implement Relief	1
13	21-059	Shim Pack	1
17-20	21-050	Check Valve Kit	1
21	21-023	End Cap, Pump	1
22	21-040	Pin, Locating	1
23	21-034	Bearing	1
24	21-026	Valve Plate, Pump	1
25	21-092	Retaining Ring	1
26	21-029	Cylinder Block Kit	1
	21-069	Washer, Piston Retaining	1
27	21-019	Plate, Thrust	1
28	21-039	Spring Pin	4
29	21-021	Swashplate, Variable	1
30	21-028	Shaft, Pump (Series 15-2177)	1
	21-3103848	Shaft, Pump (Series 15-2264)	1
31	21-032	Bearing (Series 15-2177)	1
	21-5000153	Bearing (Series 15-2264)	1
32	21-017	Shaft, Trunnion	1
33	21-066	Bushing	1
34	21-052	Housing, Pump (Series 15-2177)	1
	21-3104080	Housing Assembly (Series 15-2264)	1
35	21-018	Shaft, Control	1
36	21-020	Gasket	1
37	21-037	O-Ring	2
38	21-042	Ring, Retaining (Series 15-2177)	1
	21-9006300-0087	Ring, Retaining (Series 15-2264)	1
39	21-043	Ring, Retaining	1
40-44	21-065	Relief Valve Kit, Priority	1
45	21-9004100-0120	O-Ring	1
46	21-9006110-0120	Backup Ring	1
47	3103786	Bypass Valve	1
48	21-9510621	Assembly, Piston	9
49	90-0620	Bolt, 3/8 x 2-1/2	4
*	71-009	Tool, Spring Compressor (used to service Ref. 26)	1

* Not Illustrated

Sundstrand
Series 15
Motor Parts
Figure 23

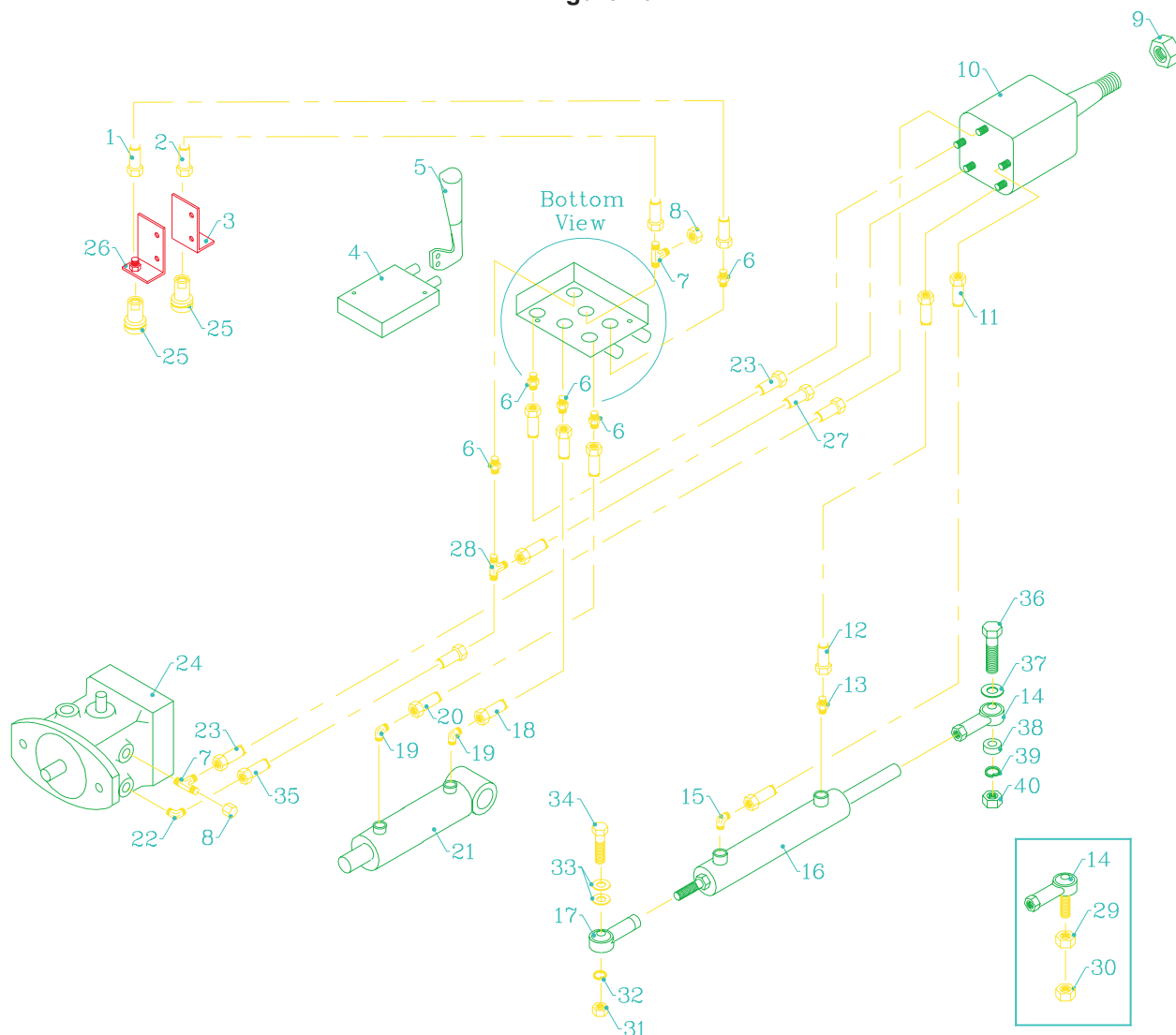


Parts List for Figure 23

Ref	Part no.	Description	Quantity
1	21-025	Valve Plate, Motor	1
2	21-092	Retaining Ring	1
3	21-029	Cylinder Block Kit	1
	21-069	Washer, Piston Retaining	1
4	21-9510621	Assembly, Piston	9
5	21-022	Shaft, Motor	1
6	92-06	Nut, 3/8	4
7	F3053	Washer, Special	5
8	21-024	End Cap, Motor	1
9	21-040	Pin, Locating	1
10	21-020	Gasket	1
11	21-034	Bearing	1
12	21-019	Plate, Thrust	1
13	21-030	Housing, Fixed (Not Available)	1
14	21-033	Bearing	1
15	21-043	Ring, Retaining	1
16	21-9009640-3700	Washer, Pressure Seal	4
17		Bolt, 3/8 x 3-1/4 Grade 8	4
*	51-011	Bevel Pinion, Output Shaft	1
*	04-002	Snap Ring, Output Shaft	1
*	71-009	Tool, Spring Compressor (used to service Ref. 3)	1

* Not Illustrated

**Implement Hydraulic System
Figure 10**



Parts List for Figure 10

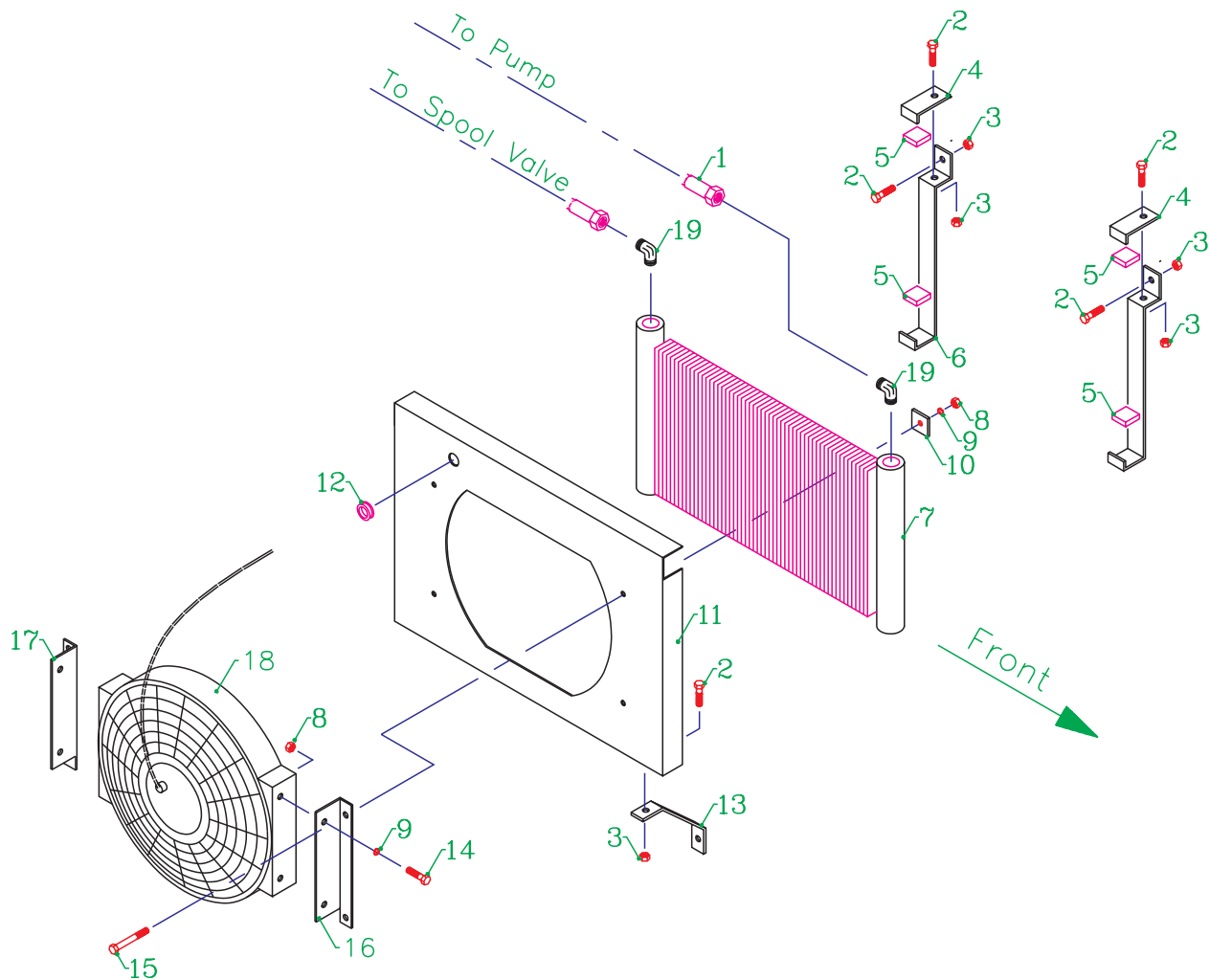
Ref	Part no.	Description	Quantity
1	20-026	Hose, 1/4 x 17 (Onan)	1
	20-007	Hose, 1/4 x 20 (Kubota)	1
2	20-046	Hose, 1/4 x 13 (Onan)	1
	20-026	Hose, 1/4 x 17 (Kubota)	1
3	64-180	Bracket, Coupler	1
4	23-035	Valve, With Float & Handles	1
	23-30029249	Seal Kit, Valve	1
	23-041	Detent Kit, Valve	1
	23-1607-11	Detent, Spool for 23-035	1
	23-038A	Clip and Pin for Handles	1
5	23-038	Handle, Onan	2
	40-150	Handle, Kubota	2
6	25-0503-6-6	Fitting, O-Ring	5
7	25-053T-6-6	Fitting, Tee	2
8	25-06CP-6	Cap	2
9	99-E11	Nut, Steering Valve	1

Parts List for Figure 10 Continued

Ref	Part no.	Description	Quantity
10	23-014	Steering Valve, 4-port (Serial No. 1001 - 1134) and (Serial No. 1168 - 1310)	1 1
	23-054	Steering Valve, 5-port (Serial No. 1135 - 1167) and (Serial No. 1311 -)	1 1
	21-SK000011	Seal Kit, Steering Valve	1
	21-402405	Seal, Steering Column	1
	21-478046	Seal, Face	1
	21-061015	Bushing, Steering Column	1
	21-401443x1	Spring Kit, 3 long and 3 short	1
11	20-028	Hose, 1/4 x 28	1
12	20-006	Hose, 1/4 x 24	1
13	25-0103-4-6	Fitting (Serial No. 1001 - 2999)	1
	25-3103-4-6	Fitting (Serial No. 3000 -)	1
14	43-010S	Rod End (Serial No. 1001 - 2999)	1
	43-010A	Rod End (Serial No. 3000 -)	1
15	25-2103-4-6	Fitting	1
16	24-009	Cylinder, Steering (Serial No. 1001 - 2999)	1
	24-038	Cylinder, Steering (Serial No. 3000 -)	1
	21-0A002813	Seal Kit, Steering Cylinder	1
17	43-008A	Rod End, Steel	1
18	20-045	Hose, 1/4 x 15-1/2	1
19	25-2103-6-6	Fitting	2
20	20-027	Hose, 1/4 x 22 (Onan)	1
	20-006	Hose, 1/4 x 24 (Kubota)	1
21	23-005	Cylinder, Front Lift (Serial No. 1001 - 5365)	1
	21-13909X	Seal Kit, 2 X 5 Lift Cylinder (Serial No. 1001 - 5365)	1
	23-083	Cylinder, 2-1/4 x 5" (Serial No. 5366 -)	1
	21-13175X	Seal Kit, for 23-083 (Serial No. 5366 -)	1
22	25-2503-6-6	Fitting	1
23	20-030	Hose, 1/4 x 14 (Serial No. 1001 - 2999)	2
	20-075	Hose, 3/8 x 14 (Serial No. 3000 -)	2
24	21-003	Hydraulic Pump, Sundstrand 15-2059	1
25	23-003	Coupler, Female	2
*	23-033	Dust Plug	2
26	64-175	Bracket, Coupler Onan	1
	64-219	Bracket, Coupler Kubota	1
27	20-030	Hose, 1/4 x 14 (Onan)(Serial No. 1135 - 1167) and (Serial No. 1311 - 2999)	1 1
	20-064	Hose, 1/4 x 19 (Kubota)(Serial No. 1135 - 1167) and (Serial No. 1311 - 2999)	1 1
	20-075	Hose, 3/8 x 14 (Onan) (Serial No. 3000 -)	1
	20-077	Hose, 3/8 x 19 (Kubota) (Serial No. 3000 -)	1
28	25-063T-6-6	Fitting (with 5-port steering valve only)	1
29	99-E11	Jam Nut, 5/8 NF (Serial No. 1001 - 2999)	1
30	99-E05	Lock Nut, Nylon 5/8 NF (Serial No. 1001 - 2999)	1
31	93-08	Nut, 1/2 NF	1
32	96-08	Lockwasher, 1/2	1
33	95-08	Flat Washer, 1/2 SAE	1
34	91-0816	Bolt, 1/2 x 2 NF (Serial No. 1001 - 2999)	1
	91-0820	Bolt, 1/2 x 2-1/2 NF (Serial No. 3000 -)	1
35	20-028	Hose, 1/4 x 28 (Serial No. 1001 - 2999)	1
	20-082	Hose, 3/8 x 28 (Serial No. 3000 -)	1
36	91-1024	Bolt, 5/8 x 3 NF (Serial No. 3000 - 3401)	1
	91-1028	Bolt, 5/8 x 3-1/2 NF (Serial No. 3402 -)	1
37	95-10	Flat Washer, 5/8 SAE (Serial No. 3000 - 3401)	1
	64-772	Spacer (Serial No. 3402 -)	1
38	64-735	Spacer (Serial No. 3000 -)	1
39	96-10	Lockwasher, 5/8 (Serial No. 3000 -)	1
40	93-10	Nut, 5/8 NF (Serial No. 3000 -)	1

* Not Illustrated

Optional Hydraulic Cooler
Figure 30



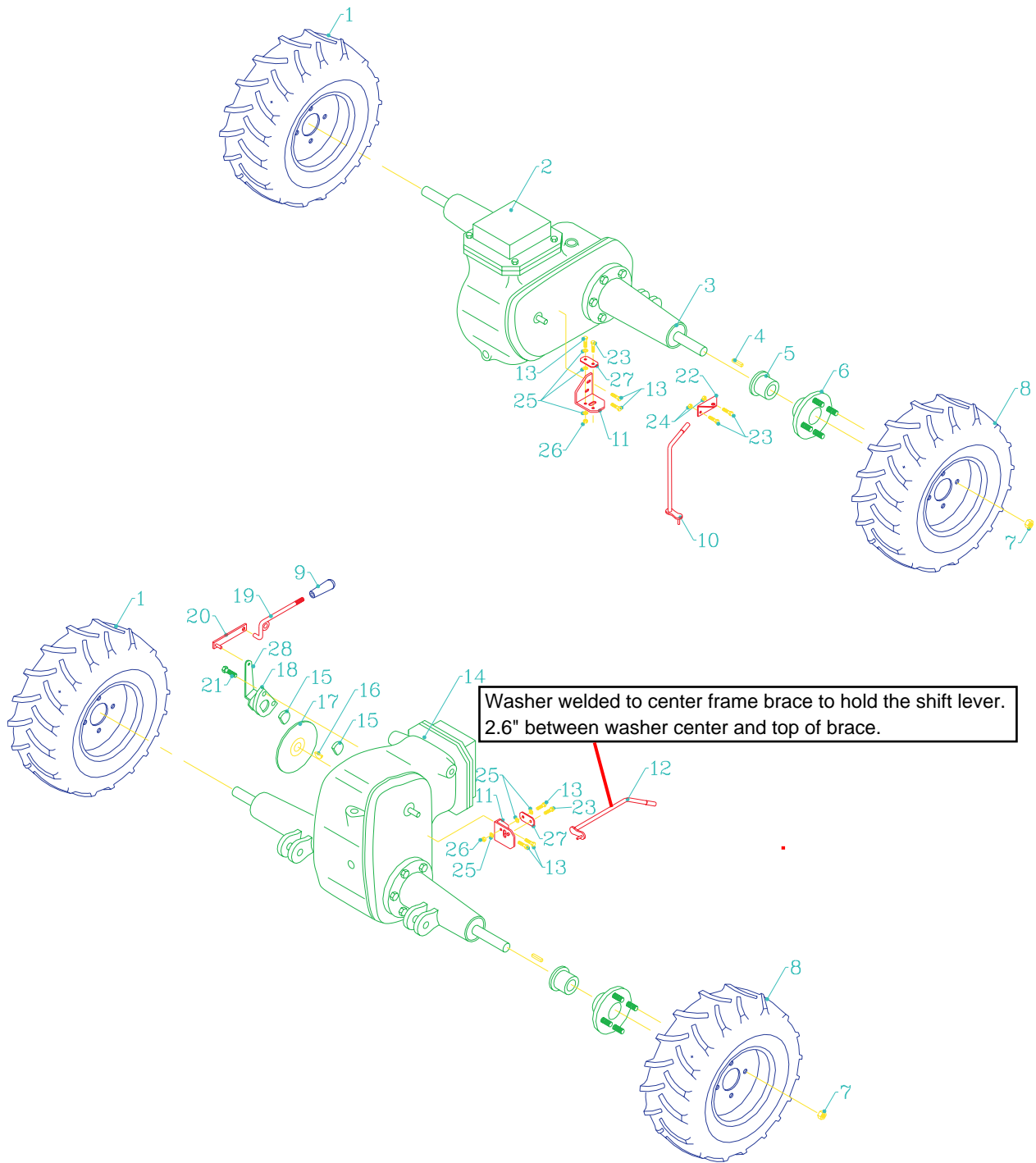
Parts List for Figure 30

Ref	Part no.	Description	Quantity
1	20-089	Hose, 3/8 x 56	1
2	99-K31	Flange Bolt, 1/4 x 1/2	5
3	99-E20	Flange Nut, 1/4	5
4	64-792	Bracket, L type	2
5	56-003-01	Weatherstrip, 3/4" x 1"	4
6	64-793	Bracket, J type	2
7	21-075	Oil cooler, 420 hydraulic	1
8	01-013	Nut, #10-32	8
9	01-018	Lock Washer, #10	8
10	64-791	Square Washer, Special	4
11	60-605	Shroud, Hydraulic Oil Cooler	1
12	05-040	Grommet	1
13	64-794	Support, Mounting Strap	1
14	01-029	Screw, Machine #10-32 x 1/2	4
15	01-031	Machine Screw #10-32 x 2"	4
16	64-790	Mounting Angle, Cooling Fan	1
17	64-789	Mounting Angle, Cooling Fan, Left	1
18	35-074	Cooling Fan, 420 Hydraulic	1
19	25-2103-8-6	Fitting, 90 Degree	2
*	31-003	Switch, Push-Pull	1
*	70-073	Kit, Hydraulic Cooling (Includes Ref 1 - 19)	1

* Not Illustrated

NOTE: The LD300 loader and the BM425 boom mower cannot be mounted on 420 power units equipped with the optional 70-073 hydraulic cooling kit.

Axles and Wheels
Figure 11
(Serial No. 1001 - 3172)

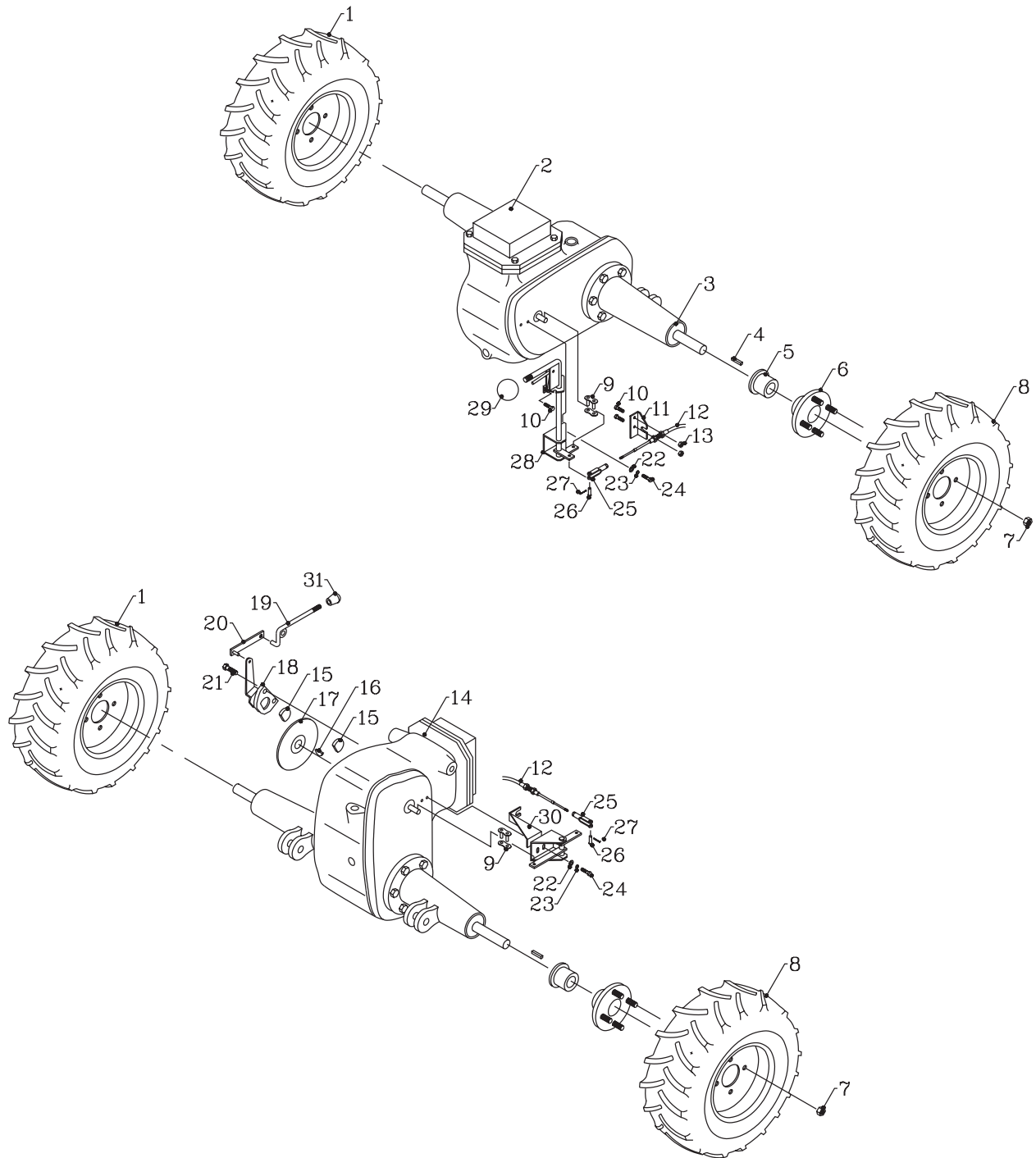


Parts List for Figure 11 (Serial No. 1001 - 3172)

Ref	Part no.	Description	Quantity
1	53-015	Wheel & Tire, Left (Traction Bar Type)	2
	53-043	Tire, 21 x 11.00 - 8 (Traction Bar Type)	2
	53-091	Tire, 20 x 10.00 - 8 (Turfmate)	2
	53-051	Rim, 8 x 8.5	2
2	†51-007	Transaxle, Front (No Motor) (Serial No. 1001 - 1135)	1
	51-029	Transaxle, Front (No Motor) (Serial No. 1136 - 2000)	1
	51-031	Transaxle, Front (No Motor) (Serial No. 2001 -)	1
3	89-006	Seal, Axle	4
4	85-K0410	Key	4
5	83-P118	Bushing, (Serial No. 1001 - 2000)	4
	83-P120	Bushing, (Serial No. 2001 -)	4
6	53-058	Hub	4
	91-0816	Bolt, 1/2 x 2 NF	16
7	99-E01	Lug Nut	16
8	53-016	Wheel & Tire, Right (Traction Bar Type)	2
	53-043	Tire, 21 x 11.00 - 8 (Traction Bar Type)	2
	53-091	Tire, 20 x 10.00 - 8 (Turfmate)	2
	53-051	Rim, 8 x 8.5	2
9	47-001	Knob, Small	3
10	40-140	Lever, Front Shifter	1
11	64-176	Bracket, Shifter	2
12	40-141	Lever, Rear Shifter	1
13	90-0406	Bolt, 1/4 x 3/4	4
14	†51-008	Transaxle, Rear (No Motor) (Serial No. 1001 - 1135)	1
	51-029	Transaxle, Rear (No Motor) (Serial No. 1136 - 2000)	1
	51-031	Transaxle, Rear (No Motor) (Serial No. 2001 - 2999)	1
	50-083	Transaxle, Rear (No Motor) (Serial No. 3000 -)	1
15	53-021	Puck, Brake (Set of 2)	1
16	85-W0306	Woodruff Key	1
17	53-020	Disc, Parking Brake	1
18	53-022	Assembly, Parking Brake	1
19	40-034	Lever, Brake	1
20	40-033	Link, Brake	1
21	90-0612	Bolt, 3/8 x 1-1/2	2
22	53-113	Brake Lever	1

† For replacement parts order part #51-029

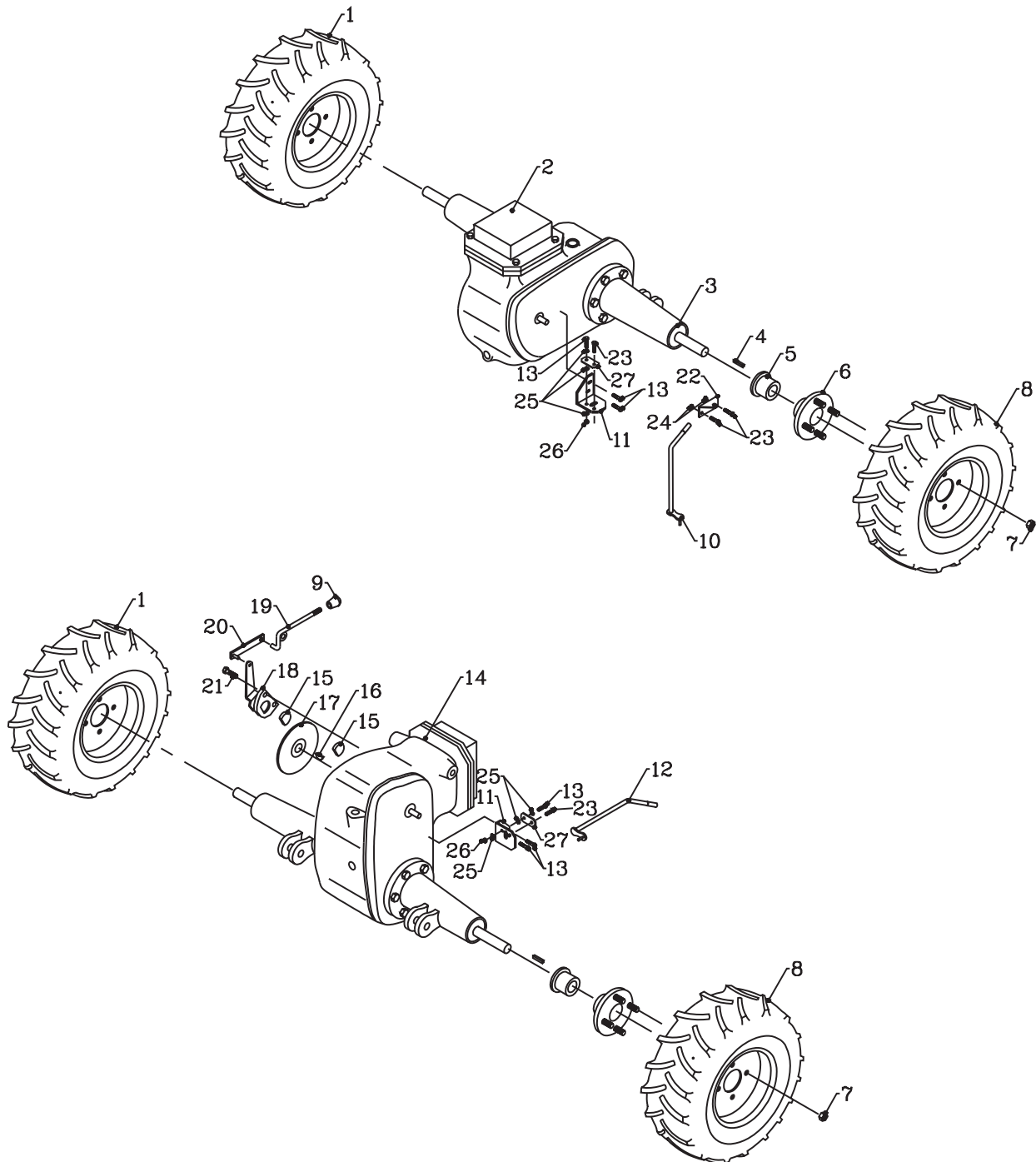
Axles and Wheels
Figure 11A
(Serial No. 3173 - 4630)



Parts List for Figure 11A (Serial No. 3173 - 4630)

Ref	Part no.	Description	Quantity
1	53-015	Wheel & Tire Assembly, Left (Traction Bar Type)	2
	53-043	Tire, 21 x 11.00 - 8 (Traction Bar Type)	2
	53-091	Tire, Turfmate 20 x 10.00 x 8	2
	53-051	Rim, 8 x 8.5, White	2
2	51-031	Transaxle, (No Motor)	1
3	51-788073	Seal, Axle	4
4	85-K0410	Key, 1/4 X 1-1/4	4
5	83-P120	Bushing	4
6	53-058	Wheel Hub, 4 Bolt	4
	91-0816	Bolt, 1/2 x 2 NF	16
7	99-E01	Wheel Nut, 1/2"	16
8	53-016	Wheel & Tire Assembly, Right (Traction Bar Type)	2
	53-043	Tire, 21 x 11.00 - 8 (Traction Bar Type)	2
	53-091	Tire, Turfmate 20 x 10.00 x 8	2
	53-051	Rim, 8 x 8.5, White	2
9	81-024	Connector Link, #60	2
10	99-K26	Flange Bolt, 1/4 x 3/4	4
11	64-764	Mount, Front Shifter Cable	1
12	47-083	Cable, Shift Control	1
13	99-E20	Flange Nut, 1/4	4
14	50-083	Transaxle, Rear (No Motor)	1
15	53-021	Brake Puck, Set of 2	1
16	85-W0306	Woodruff Key	1
17	53-020	Disc, Parking Brake	1
18	53-022	Brake Assembly, Complete	1
19	40-034	Lever, Brake	1
20	40-033	Link, Brake	1
21	90-0612	Bolt, 3/8 X 1-1/2	2
22	95-04	Flat Washer, 1/4 SAE	4
23	96-04	Lock Washer, 1/4	4
24	90-0406	Bolt, 1/4 x 3/4	4
25	43-Y0304F	Yoke End, Cable	2
26	03-0406	Clevis Pin, 1/4 x 3/4	2
27	02-CP0306	Cotter Pin, 3/32 x 3/4	2
28	42-431	Shifter Assembly, Front	1
	40-301	Shifter Lock	1
29	47-038	Knob	1
30	42-470	Shifter Assembly, Rear	1
31	47-001	Knob	1

Axles and Wheels
Figure 11B
(Serial No. 4631 -)



Parts List for Figure 11B (Serial No. 4631 -)

Ref	Part no.	Description	Quantity
1	53-015	Wheel & Tire, Left (Traction Bar Type)	2
	53-043	Tire, 21 x 11.00 - 8 (Traction Bar Type)	2
	53-091	Tire, 20 x 10.00 - 8 (Turfmate)	2
	53-051	Rim, 8 x 8.5	2
2	51-031	Transaxle, Front (No Motor)	1
3	51-788073	Seal, Axle 1-1/4	4
4	85-K0410	Key, 1/4 x 1-1/4	4
5	83-P120	Bushing	4
6	53-058	Hub	4
	91-0816	Bolt, 1/2 x 2 NF	16
7	99-E01	Lug Nut	16
8	53-016	Wheel & Tire, Right (Traction Bar Type)	2
	53-043	Tire, 21 x 11.00 - 8 (Traction Bar Type)	2
	53-091	Tire, 20 x 10.00 - 8 (Turfmate)	2
	53-051	Rim, 8 x 8.5, White	2
9	47-001	Knob, Small	1
10	64-833	Lever, Front Shifter	1
11	64-831	Bracket, Shifter	2
12	64-832	Lever, Rear Shifter	1
13	90-0406	Bolt, 1/4 x 3/4	6
14	50-083	Transaxle, Rear (No Motor)	1
15	53-021	Puck, Brake (Set of 2)	1
16	85-W0306	Woodruff Key	1
17	53-020	Disc, Parking Brake	1
18	53-022	Assembly, Parking Brake	1
19	40-034	Lever, Brake	1
20	40-033	Link, Brake	1
21	90-0612	Bolt, 3/8 x 1-1/2	2
22	64-766	Two Lever Shifter Bracket	1
23	99-K26	Flange Bolt, 1/4 x 3/4	4
24	99-E20	Flange Nut, 1/4	2
25	95-04	Flat Washer, 1/4 SAE	6
26	99-E39	Locknut, Nylon 1/4	2
27	TR-967	Shifter Lock Strap	2

fast speed ratio

Peerless Transaxle
Model 2558
Serial No. 1001 - 2000
Figure 24

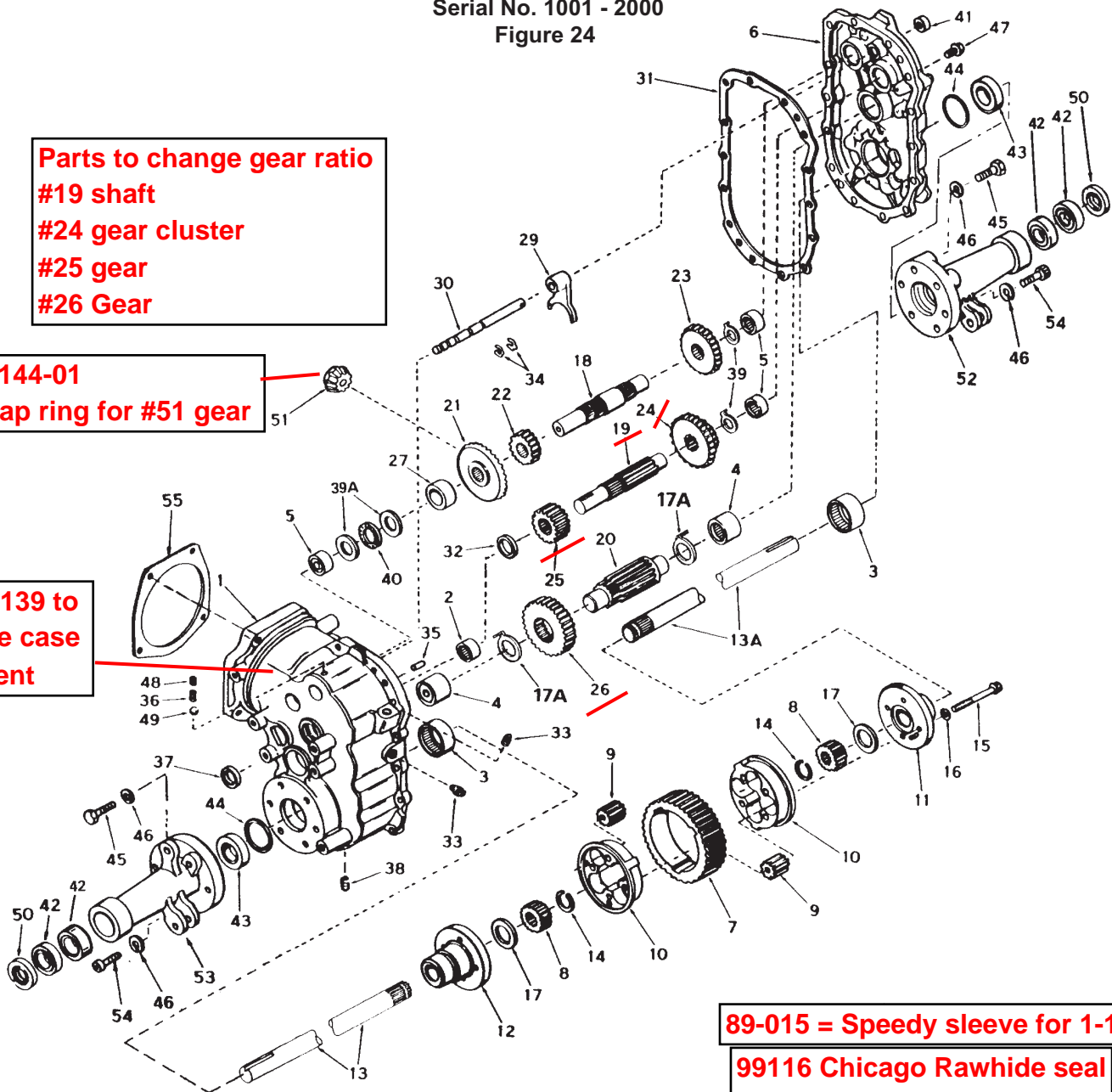
Replaces 2550A single bearing axle

Parts to change gear ratio

#19 shaft
#24 gear cluster
#25 gear
#26 Gear

**64144-01
snap ring for #51 gear**

**Kit 70-139 to
replace case
with vent**



89-015 = Speedy sleeve for 1-1/8" axles

**99116 Chicago Rawhide seal
SKF company**

Parts List for Figure 24

Ref	Part no.	Description	Quantity
For all 420 tractors (Serial No. 1001 - 2000)			
1	51-770060B	Transaxle Case (Incl. Ref 2,3,4,5)	1
2	51-780097	Needle Bearing	1
3	51-780098	Needle Bearing	2
4	51-780099	Needle Bearing	2
5	51-780100	Needle Bearing	3
6	51-772065	Transaxle Cover (Incl. Ref 3,4,5)	1
7	51-778084	Ring Gear	1
8	51-778085	Side Gear	2
9	51-778086	Pinion Gear	8
10	51-786054	Core Body	2
11	51-774199	Differential Carrier	1
12	51-774200	Differential Carrier	1
13	51-014	Left Axle, 18-7/32" (774594)	1
13A	51-015	Right Axle, 16-17/32" (774593)	1
14	51-792062	Snap Ring	2
15	51-792063	Differential Bolt	4
16	51-792011	Lockwasher, 3/8	4
17	51-780101	Thrust Washer	2
17A	51-780156	Thrust Washer, Tabbed	2
18	51-776209	Counter Shaft	1
19	51-776119	Brake Shaft	1
20	51-776120	Output Pinion	1
21	51-778087	Bevel Gear, 30 teeth	1
22	51-778088	Spur Gear, 16 teeth	1
23	51-778099	Spur Gear, 20 teeth	1
24	51-778100	Cluster Gear	1
25	51-778102	Spur Gear, 17 teeth	1
26	51-778103	Output Gear, 33 teeth	1
29	51-784195	Shifter Fork	1
30	51-784196	Shifter Rod	1
31	51-788047	Gasket, Case	1
32	51-780005	Spacer	1
34	51-792064	Snap Ring	2
36	51-792003	Detent Spring	1
37	89-008	Seal, Brake Shaft (788008)	1
39	51-780157	Thrust Washer, Tabbed	2
39A	51-780045	Thrust Washer	2
40	51-780012	Thrust Bearing	1
41	89-007	Seal, Shifter Rod (788034)	1
42	51-780103	Bearing, Axle (Serial No. 1001 - 1135)	2
	51-780103	Bearing, Axle (Serial No. 1136 -)	4
43	51-780104	Thrust Bearing	2
44	51-021	O-Ring, Square Cut (788048)	2
47	51-792067	Screw, 5/16 x 1"	14
48	51-792068	Detent Set Screw, 1/4 x 1/2	1
49	51-792004	Detent Ball	1
50	89-006	Seal, Axle (788049)	2
51	51-011	Pinion Gear (778093A)	1
52	51-782039	Right Axle Housing, 7-31/32" (Serial No. 1001 - 1135)	1
	51-782068	Right Axle Housing, 7-31/32" (Serial No. 1136 -)	1
53	51-782040	Left Axle Housing, 8-25/32" (Serial No. 1001 - 1135)	1
	51-782069	Left Axle Housing, 8-25/32" (Serial No. 1136 -)	1
54	99-16	Bolt, 1/2 x 2-3/4 SHCS (Left Side)	4
	99-21	Bolt, 1/2 x 1-1/2 SHCS (Right Side)	4
55	21-005	Gasket, Motor (788050)	1

Fast speed ratio

Peerless Transaxle
Model 2561
Serial No. 2001 -
Figure 26

replaces transaxles in 1980 A05001A

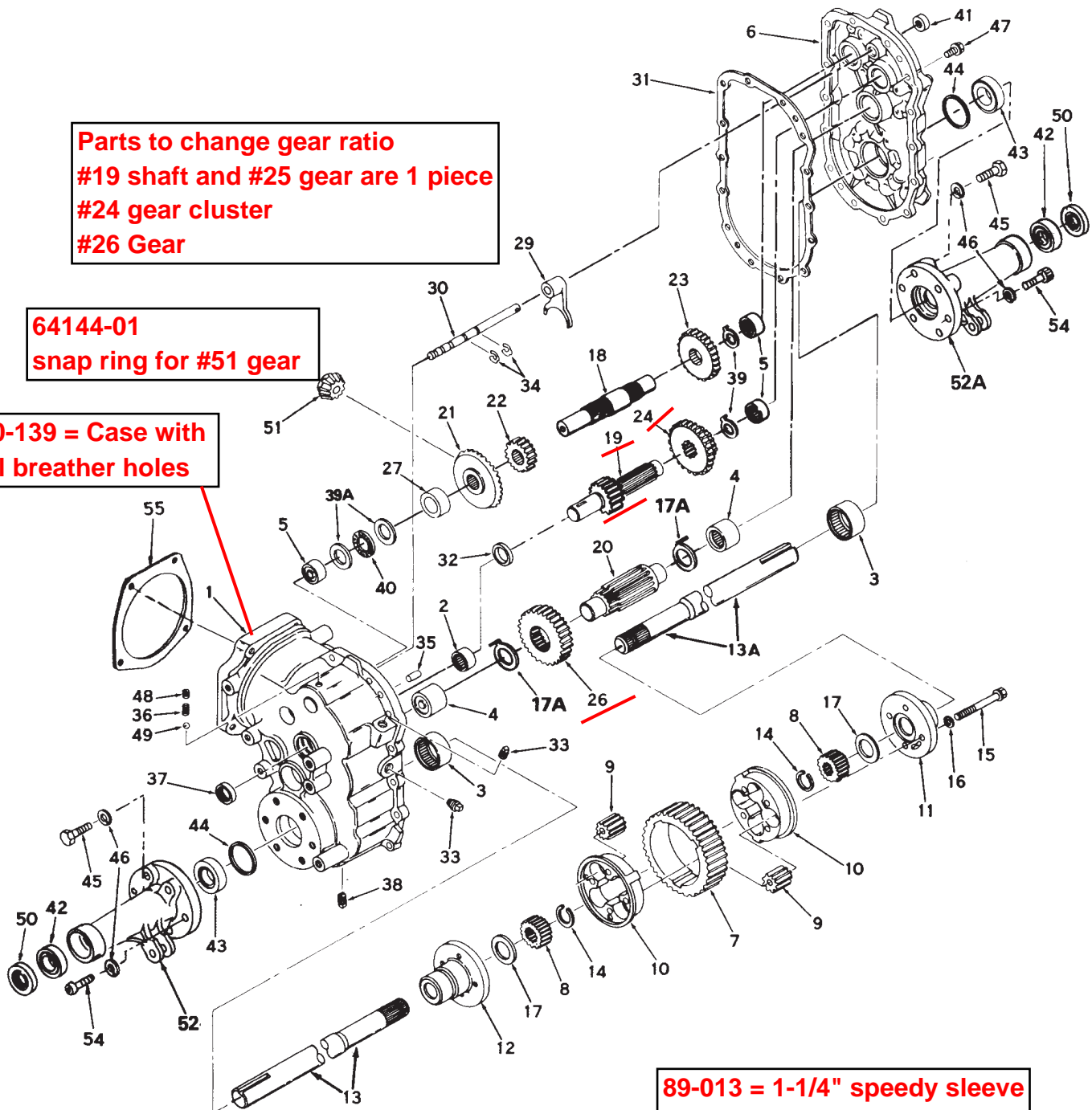
slow speed ratio

Parts to change gear ratio
#19 shaft and #25 gear are 1 piece
#24 gear cluster
#26 Gear

64144-01
snap ring for #51 gear

70-139 = Case with
all breather holes

89-013 = 1-1/4" speedy sleeve
99125 Chicago Rawhide seal
SKF company

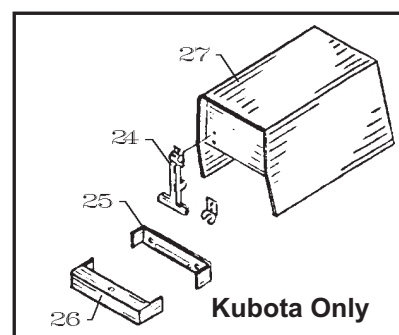
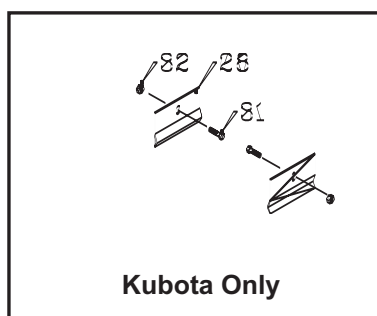
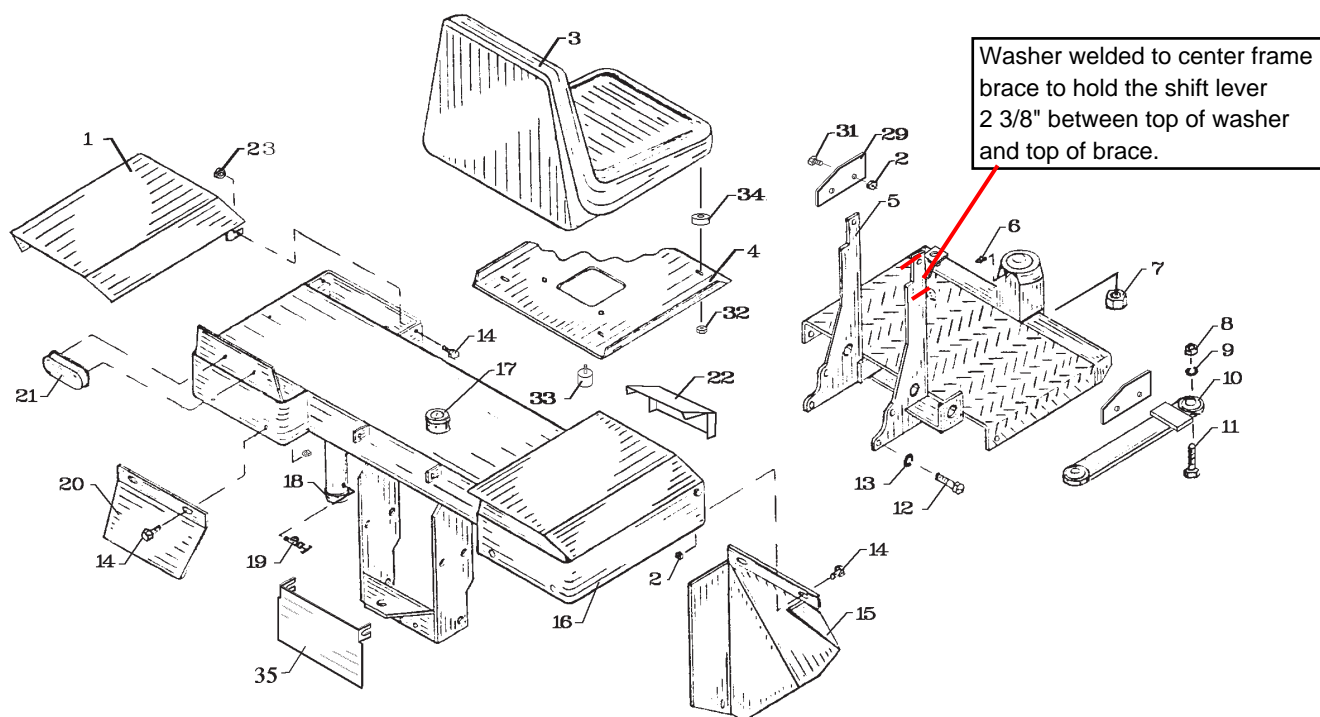


Parts List for Figure 26

Ref	Part no.	Description	Quantity
For all 420 tractors (Serial No. 2001 -)			
1	51-770060B	Transaxle Case (Incl. Ref. 2,3,4 & 5)	1
2	51-780097	Needle Bearing	1
3	51-780098	Needle Bearing	2
4	51-780099	Needle Bearing	2
5	51-780100	Needle Bearing	3
6	51-772065	Transaxle Cover (Incl. Ref 3,4,5)	1
7	51-778084	Ring Gear	1
8	51-778085	Side Gear	2
9	51-778086	Pinion Gear	8
10	51-786054	Core Body	2
11	51-774199	Differential Carrier	1
12	51-774200	Differential Carrier	1
13	51-774890	Axle, 18-7/32" long	1
13A	51-774889	Axle, 16-17/32" long	1
14	51-792062	Snap Ring	2
15	51-792063	Differential Bolt	4
16	51-792011	Lockwasher, 3/8	4
17	51-780101	Thrust Washer	2
17A	51-780156	Thrust Washer (tabbed)	2
18	51-776209	Counter Shaft	1
19	51-776122	Brake Shaft	1
20	51-776120A	Output Pinion	1
21	51-778087	Bevel Gear, 30 teeth	1
22	51-778088	Spur Gear, 16 teeth	1
23	51-778096	Spur Gear, 23 teeth	1
24	51-778097	Cluster Gear, 20 & 27 teeth	1
26	51-778098	Output Gear, 37 teeth	1
27	51-786094	Spacer	1
29	51-784195	Shifter Fork	1
30	51-784196A	Shifter Rod	1
31	51-788047	Gasket, Case & Cover	1
32	51-780005	Spacer	1
33	51-792010	Plug, Pipe	2
34	51-792064	Snap Ring	2
35	51-786026	Pin, Dowel	2
36	51-792003	Detent Spring	1
37	89-008	Seal, Oil (788008)	1
38	51-792019	Magnetic Drain Plug	1
39	51-780157	Thrust Washer, Tabbed	2
39A	51-780045	Thrust Washer	2
40	51-780012	Thrust Bearing	1
41	89-007	Oil Seal (788034)	1
42	51-780158	Bearing, Axle	4
43	51-780104	Thrust Bearing	2
44	51-021	O-Ring, Square Cut (788048)	2
45	90-0820	Bolt, 1/2 x 2-1/2	2
46	51-792066	Lockwasher, 1/2	8
47	51-792067	Screw, 5/16 x 1	14
48	51-792068	Detent Set Screw, 1/4 x 1/2	1
49	51-792004	Detent Ball	1
50	51-788073	Seal, Axle	2
51	51-011	Pinion Gear (778093A)	1
52	51-782071	Axle Housing, Left 8.770" long	1
52A	51-782072	Axle Housing, Right 7.970" long	1
54	90-0812	Cap Screw, 1/2 x 1-1/2	4
55	21-005	Gasket, Motor (788050)	1

slow ratio

Rear Frame Parts
Figure 12



Parts List for Figure 12

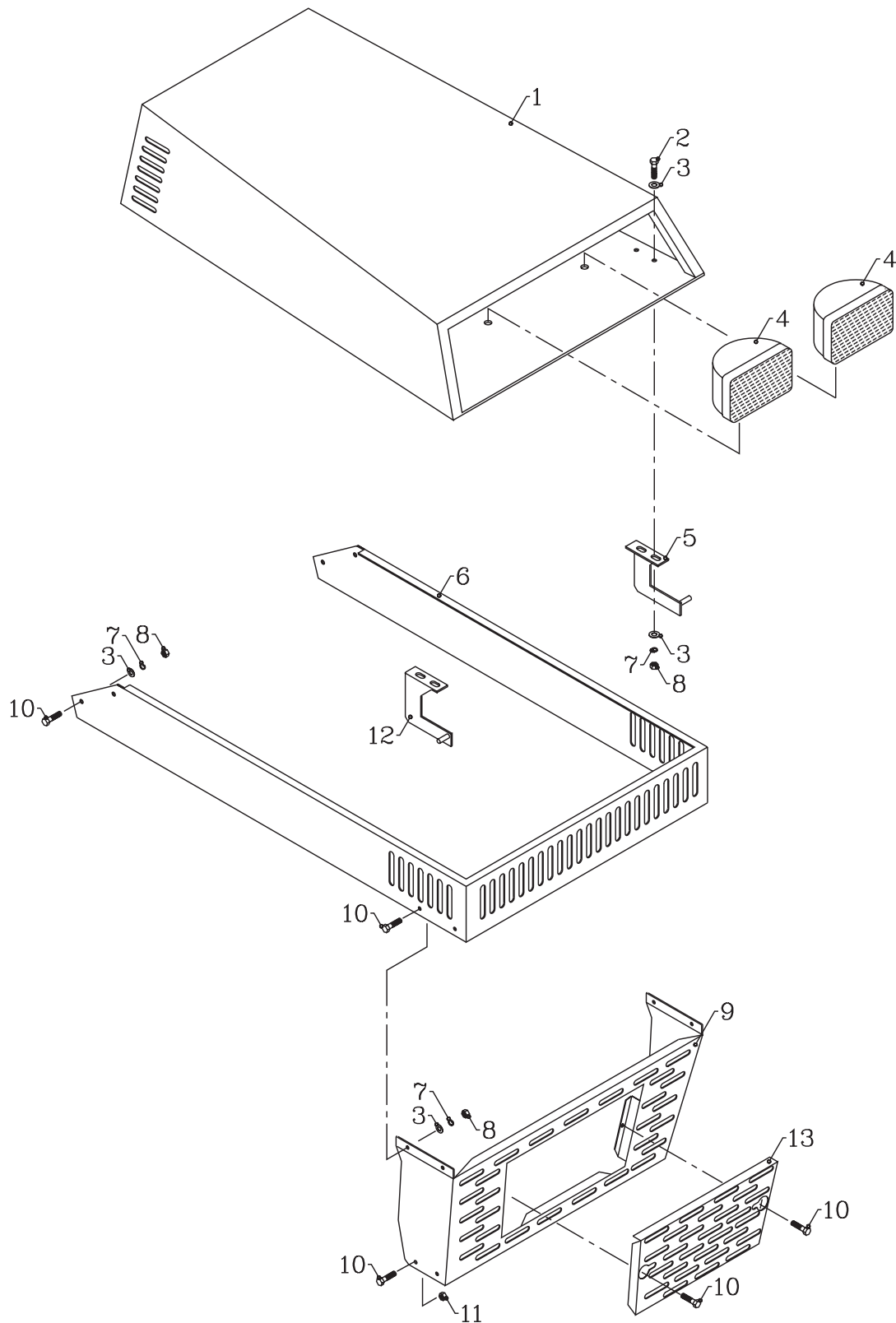
Ref	Part no.	Description	Quantity
1	60-261	Lid, Tool Box (Onan Only)	2
	56-027-16	Trim-loc Trim for 60-261	2
2	99-E20	Flange Nut, 1/4	16
3	47-029	Seat, Deluxe (Serial No. 1001 - 3612)	1
		without Switch, with Arm Rests	1
	47-081802977	Arm Rest for 47-029	1
	31-012	Seat Switch for 47-029	1
	47-113	Seat Only (Serial No. 3613 -)	1
	31-032	Seat Switch for 47-093	1
	99-K31	Flange Bolt for 31-032 Seat Switch	2
	30-206	Pigtail for 31-032 Seat Switch	1
	47-094	Latch Adjuster Rail	1
	47-095	Slave Adjuster Rail	1
	99-23	Bolt, 5/16 x 1/2, Socket Head for Slider Rail	4
	47-096	Arm Rest, Right	1
	47-097	Arm Rest, Left	1
	99-K28	Flange Bolt, 5/16 x 1/2, Arm Rest	4
	75-70422	Kit, Grammer Seat (Optional)	1

Parts List for Figure 12 (continued)

Ref	Part no.	Description	Quantity
4	62-439	Plate, Seat (Serial No. 1001 - 3612)	1
	62-811	Plate, Seat (Serial No. 3613 -)	1
	60-574	Plate, Seat (Optional Grammer Seat)	1
5	62-435	Frame, Rear	1
6	29-010	Fitting, Grease	1
7	99-E04	Locknut, 1"	1
8	93-10	Nut, 5/8 NF	2
9	96-10	Lock Washer, 5/8	2
10	62-116	Link, Center	1
11	91-1016	Bolt, 5/8 x 2 NF (Serial No. 1001 - 2999)	2
	91-1020	Bolt, 5/8 x 2-1/2 NF (Serial No. 3000 -)	2
12	90-0814	Bolt, 1/2 x 1-3/4 -Transaxle mounting	6
	90-0810	Bolt, 1/2 x 1-1/4 -Transaxle mounting	2
	90-0816	Bolt, 1/2 x 2 -Transaxle mounting (at brake lever)	1
	99-F26	Bolt, 1/2 x 1-1/4 Special-Transaxle mtg.(at disk brake)	1
13	96-08	Lock Washer, 1/2	10
14	99-K26	Flange Bolt, 1/4 x 3/4	12
15	60-266	Fender, Front Right	1
	60-267	Fender, Front Left	1
16	62-434	Frame, Gas Tank	1
17	47-007	Cap, Fuel	1
18	24-010	Cap, 2" NPT (for Kubota diesel only)	1
	29-015	Cap, 2" NPT (for Onan, Kohler and Kubota gas only)	1
19	29-016	Valve, Fuel Shutoff	1
20	60-264	Fender, Right Rear	1
	60-265	Fender, Left Rear	1
21	33-008	Tail Light	2
22	60-277	Shield, Rear Motor	1
23	99-A04	Locknut, 1/4	4
24	47-030	Rubber Latch	2
25	64-243	Battery Holder, Front (Kubota Only)(SN 1001 - 1733)	1
26	64-242	Battery Holder, Rear (Kubota Only)(SN 1001 - 1733)	1
27	60-302	Lid, Rear Fender (Kubota Only)	2
	56-027-26	Trim-loc Trim for 60-302	2
28	64-575	Battery Holder, Side (Kubota Only) (Serial No. 1734 -)	2
29	64-460	Toe Guards (Serial No. 1136 -)	1
30	99-K31	Flange Bolt, 1/4 x 1/2	4
31	99-K28	Flange Bolt, 5/16 x 1/2	2
32	99-E12	Flange Nut, 5/16	2
33	05-029	Seat Bumper	2
34	06-037	Seat Spacer	4
35	60-583	Rear Axle Guard (Serial No. 3000 -)	1
*	33-012	Reflector, Amber Oval	2
*	00-180	Decal, 4-Wheel Drive	1
*	00-106	Decal, Gas Symbol	1
*	00-076	Decal, Diesel Fuel	1
*	00-219	Decal, Transaxle 2-N-1 Symbol (Vertical)	1
*	00-062	Decal, Tire Specifications	1
*	00-072	Decal, Parking Brake Symbol	1
*	00-093	Decal, Warning Read Owner's Manual	1
*	00-220	Decal, Caution Shift Both	1

* Not Illustrated

Hood and
Grille Parts
Figure 13

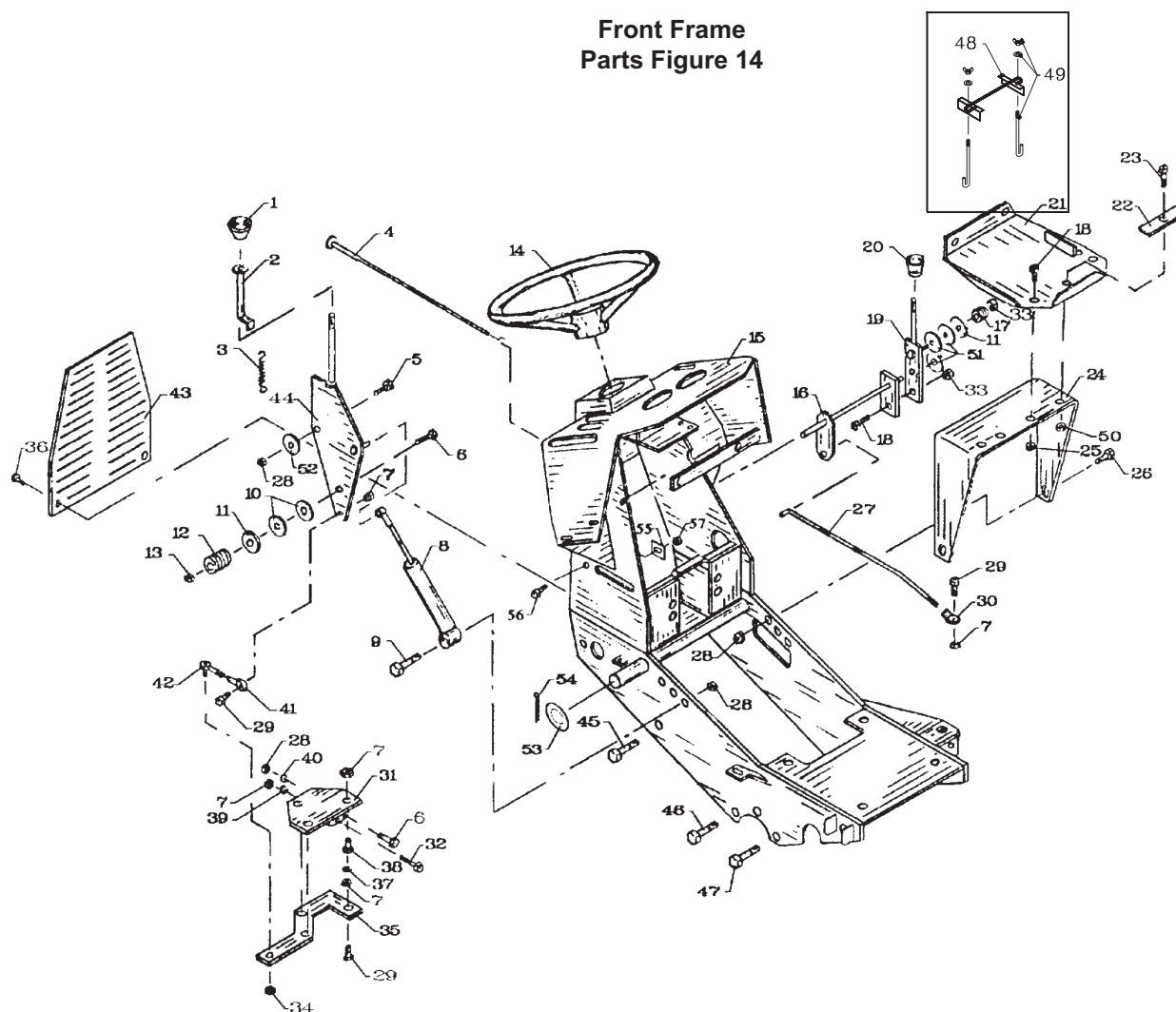


Parts List for Figure 13

Ref	Part no.	Description	Quantity
1	60-263	Hood	1
	60-360	Hood Panel for Onan & Kohler Only	1
	56-027-29	Trim-loc Trim for 60-263	1
	56-003-15	Weatherstrip for 60-263	1
2	90-0408	Bolt, 1/4 x 1	4
3	94-04	Washer, 1/4	12
4	33-006	Head Light (Serial No. 1001 - 2644)	2
	33-010	Bulb, 50W Head Light	1
	33-017	Head Light (Serial No. 2645 -)	2
	33-018	Bulb, Sealed Beam	1
5	64-181	Hood Hinge, Left	1
6	60-260	Side Panel, Onan & Kohler	1
	60-366	Side Panel, Kubota	1
7	96-04	Lock Washer, 1/4	12
8	92-04	Nut, 1/4	12
9	62-438	Grill Assembly, Onan (Serial No. 1001 - 2999)	1
	62-560	Grill Assembly, Kubota (Serial No. 1001 - 2999)	1
	60-580	Grill Assembly, Onan & Kohler (Serial No. 3000 -)	1
	60-579	Grill Assembly, Kubota (Serial No. 3000 -)	1
*	64-241	Spacer, Grill lower left - Kubota (Serial No. 3000 -)	1
10	99-K26	Flange Bolt, 1/4 x 3/4	14
11	99-E20	Flange Nut, 1/4	4
12	64-182	Hood Hinge, Right	1
13	60-581	Grill Hatch (Serial No. 3000 -)	1
*	00-059	Decal, Steiner	2
*	00-095	Decal, 420	2
*	00-025	Decal, Warning Keep Hands Away From Belt	1

* Not Illustrated

Front Frame
Parts Figure 14



Parts List for Figure 14

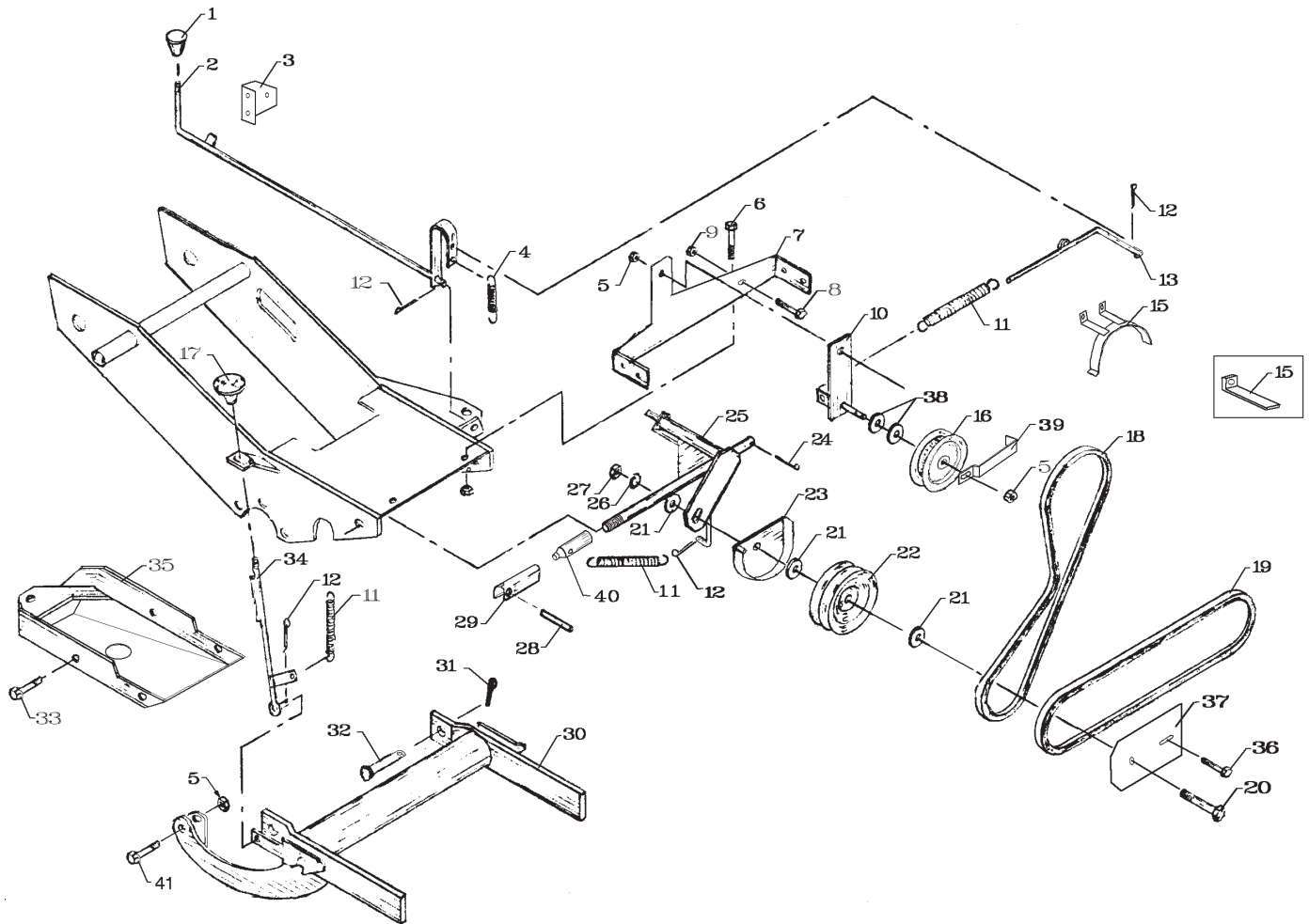
Ref	Part no.	Description	Quantity
1	47-003	Knob Large	1
2	40-153	Neutral Tube	1
3	41-013	Spring	1
4	47-023	Cable, Choke (Onan)	1
	47-032	Cable, Choke (Kubota Gas)	1
	47-101	Cable, Choke (Kohler)	1
	00-026	Decal, Choke (Gas Only)	1
5	90-0614	Bolt, 3/8 x 1-3/4	1
6	90-0614	Bolt, 3/8 X 1-3/4	1
7	92-04	Nut, 1/4	4
8	42-417	Stabilizer	1
9	90-0616	Bolt, 3/8 x 2	1
10	05-024	Washer, Friction	2
11	99-B10	Washer	2
12	41-039	Spring, Compression	1
13	99-A06	Locknut, 3/8	1
14	47-082	Wheel, Steering (Serial No. 1001 - 4311)	1
	47-082A	Insert, Center for 47-082	1
	47-103	Wheel, Steering (Serial No. 4312 -)	1
	47-104	Insert, Center for 47-103	1
	00-216	Decal, Steiner Steering Wheel	1

Parts List for Figure 14 Continued

Ref	Part no.	Description	Quantity
15	62-433	Frame, Main (Serial No. 1001 - 3172)	1
		also order part no. 64-766 Shifter Bracket	1
	62-433	Frame, Main (Serial No. 3173 -)	1
16	42-252	Linkage, Throttle	1
17	41-055	Spring, Compression	1
18	90-0508	Bolt, 5/16 x 1 (Onan)	1
	99-K51	Flange Bolt, 1/4 x 1-1/4 (Kohler)	2
19	40-142	Lever, Throttle	1
20	47-001	Knob, Small	1
21	64-170	Battery Tray (Onan) (Serial No. 1001 - 1733)	1
	64-574	Battery Tray (Onan & Kohler) (Serial No. 1734 -)	1
22	64-006	Battery Hold Down (Onan)(Serial No.1001 - 1733)	1
23	90-0516	Bolt, 5/16 x 2 (Onan) (Serial No. 1001 - 1733)	1
24	64-174	Battery Support (Onan & Kohler)	1
25	92-05	Nut, 5/16	2
26	90-0608	Bolt, 3/8 x 1	4
27	42-254	Rod Throttle (Onan)	1
	42-487	Rod Throttle (Kohler)	1
28	92-06	Nut, 3/8	7
29	90-0408	Bolt, 1/4 X 1	3
30	43-004	Rod End (Onan)	1
31	40-135	Hub, Pump Lever	1
32	90-0416	Bolt, 1/4 X 2	1
33	99-A05	Locknut, 5/16 (Onan)	1
	99-K27	Flange Nut, 1/4 (Kohler)	1
34	93-04	Nut, 1/4 NF	1
35	40-134	Arm, Pump	1
36	99-C0406	Bolt, Self-Tapping	2
37	95-04	Washer, 1/4 NF	3
38	05-025	Rubber Grommet	3
39	96-04	Lock Washer, 1/4	7
40	96-06	Lock Washer, 3/8	7
41	43-004M	Rod End 43-004MA	1
42	43-004S	Rod End 4174062	1
43	60-303	Panel, Pump Access	1
44	40-152	Forward-Reverse Lever	1
*	05-025	Grommet, 1/4 ID x 5/8 OD	1
45	90-0810	Bolt, 1/2 x 1-1/4 -Transaxle Mounting, Right Side	1
	90-0814	Bolt, 1/2 x 1-3/4 -Transaxle Mounting, Left Side	2
46	90-0818	Bolt, 1/2 x 2-1/4 -Transaxle Mounting, Right Side	1
	90-0822	Bolt, 1/2 x 2-3/4 -Transaxle Mounting, Left Side	2
47	99-14	Bolt, 1/2 x 1-3/4 Socket Head-Transaxle Mtg, Rt. Side	1
	99-16	Bolt, 1/2 x 2-3/4 Socket Head-Transaxle Mtg, Lt. Side	1
48	33-016	Battery Hold Down (Onan & Kohler) (SN 1734 -)	1
49	99-K32	J-Bolt Assembly (Onan & Kohler) (Serial No. 1734 -)	2
50	92-05	Nut, 5/16 (Onan & Kohler) (Serial No. 1001 - 1733)	2
51	05-028	Friction Washer, 5/16 Hole	3
52	94-06	Flat Washer, 3/8	1
53	99-B13	Machinery Washer, 1" 14ga.	1
54	02-CP0510	Cotter Pin, 5/32 x 1-1/4	1
55	64-742	Stop, Forward-Reverse Lever (Serial No. 3000 -)	1
56	99-K26	Flange Bolt, 1/4 x 3/4 (Serial No. 3000 -)	1
57	99-E20	Flange Nut, 1/4 (Serial No. 3000 -)	1
*	00-187	Decal, Dash Panel	1
*	00-220	Decal, Caution Shift Both	1
*	00-075	Decal, Light Switch Symbol	1
*	00-089	Decal, Ignition Switch Symbol	1
*	00-060	Decal, Fill With TRC Fluid	1
*	00-103	Decal, Transaxle 2 - 1 Symbol	1
*	00-200	Decal, Do Not Tow	1

* Not Illustrated

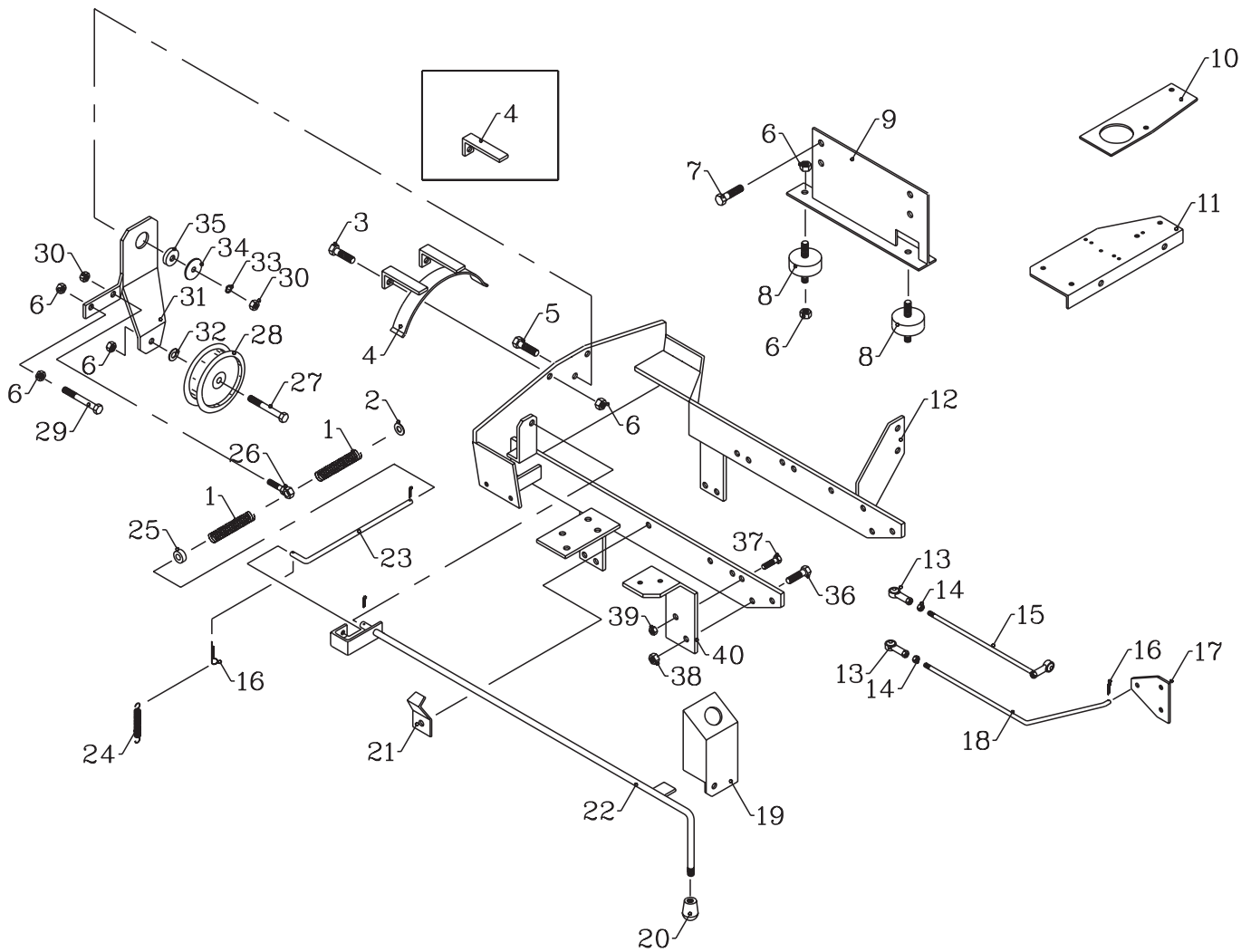
PTO and Front
Lift Parts
Figure 15



Parts List for Figure 15

Ref	Part no.	Description	Quantity
1	47-001	Knob, Small	1
2	40-138	Lever, PTO (Onan & Kohler)	4
3	64-207	PTO Switch Mount (Onan & Kohler)	1
	00-071	Decal, PTO Clutch Symbol	1
4	41-013	Spring	1
5	99-A06	Locknut, 3/8	3
6	90-0616	Bolt, 3/8 x 1-1/2	2
7	62-817	Support, Front End (Onan & Kohler)	1
8	90-0516	Bolt, 5/16 x 2	1
9	99-E12	Flange Nut, 5/16	1
10	40-230	Arm, Idler (Onan)	1
	40-318	Arm, Idler (Kohler)	1
11	41-010	Spring	3
12	02-CP0308	Cotter Pin	4
13	42-251	Link, PTO Spring	1
14	90-0608	Bolt, 3/8 x 1"	1
15	64-179	Belt Retainer (Serial No. 1001 - 2999)	1
	64-740	Belt Retainer (Onan) (Serial No. 3000 -)	1
	64-741	Belt Retainer (Kubota) (Serial No. 3000 -)	1
	42-486	Belt Retainer (Kohler)	1
16	83-013	Idler, Flat (Serial No. 1001 - 3155)	1
	83-029	Idler, Flat (Serial No. 3156 -)	1
17	47-003	Knob, Large (Onan & Kohler)	1
	47-001	Knob, Small (Kubota)	1
18	81-A038	Belt, Engine (Serial No. 1001 - 2999)	1
	81-B039	Belt, Engine (Serial No. 3000 -)	1
19	81-A040	Belt, Implement	1
20	90-0828	Bolt, 1/2 x 3-1/2	1
21	95-08	Flat Washer, 1/2 SAE	1
22	83-026	Pulley with Bearings	1
	83-MK173	Bushing for 83-026	1
	55-6204	Bearing for 83-026	2
23	64-103	Belt Retainer (Serial No. 1001 - 2999)	1
	64-745	Belt Retainer (Serial No. 3000 -)	1
24	02-CP0512	Cotter Pin	1
25	62-441	Frame, Idler (Serial No. 1001 - 2999)	1
	62-760	Frame, Idler (Serial No. 3000 -)	1
	29-010	Grease Fitting (3889 -)	2
26	96-08	Lock Washer	1
27	92-08	Nut, 1/2	1
28	02-RP1220	Roll Pin (Serial No. 1001 - 2999)	1
	02-RP1224	Roll Pin (Serial No. 3000 -)	1
29	64-005	Idler Lock (Serial No. 1001 - 2999)	1
	64-739	Idler Lock (Serial No. 3000 - 4768)	1
64-859	TR-965	Idler Lock (Serial No. 4769 -)	1
	41-062	Torsion Spring for 64-739 (Serial No. 3000 -)	1
30	62-833	Front Lift	1
31	02-CP0510	Cotter Pin	2
32	03-1022	Clevis Pin	2
33	90-0810	Bolt, 1/2 x 1-1/4	4
34	40-139	Lever, Implement Release (Onan & Kohler)	1
	40-165	Lever, Implement Release (Kubota)	1
35	62-693	Frame, Lower Front	1
36	90-0524	Bolt, 5/16 x 3 (Serial No. 1135 - 2520)	1
37	60-436	Pulley Shield (Serial No. 1135 - 2520)	1
38	95-06	Flat Washer, 3/8 SAE	5
39	64-746	Belt Guard (Onan & Kohler) (Serial No. 3000 -)	1
40	42-466	Adjuster Nut, PTO Idler (Serial No. 3000 - 4768)	1
	62-818	Adjuster Nut, PTO Idler (Serial No. 4769 -)	1
41	90-0618	Bolt, 3/8 x 2-1/4	1

Kubota
Sub-Frame
Parts
Figure 16



FRAME, DRIVE PARTS, AXLES

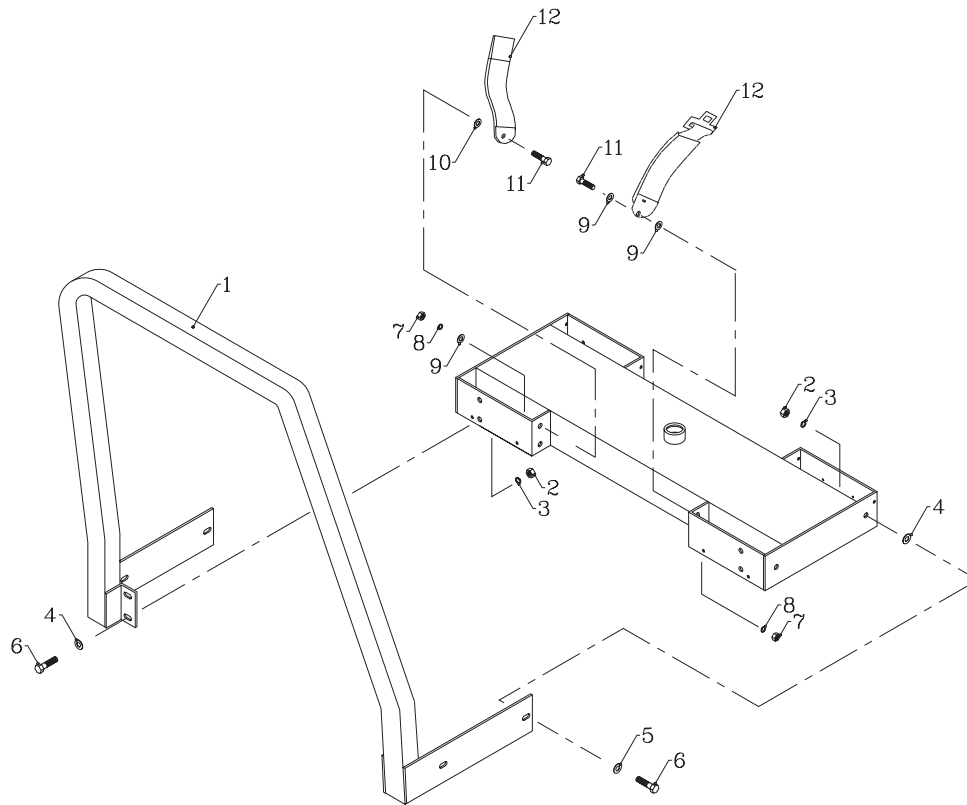
section 4

Parts List for Figure 16

Ref	Part no.	Description	Quantity
1	41-021	Compression Spring	2
2	95-06	Flat Washer	1
3	90-0612	Bolt, 3/8 x 1-1/2	1
4	64-179	Belt Retainer (Serial No. 1001 - 2999)	1
	64-741	Belt Retainer (Serial No. 3000 -)	1
5	90-0608	Bolt, 3/8 x 1 (Serial No. 1001 - 2510)	1
	90-0610	Bolt, 3/8 x 1-1/4 (Serial No. 2511 -)	1
6	92-06	Nut, 3/8	12
7	07-1012520	Bolt, M10 x 20	8
	07-C10	Lock Washer, M10	8
8	05-006	Engine Isolator	4
9	62-471	Plate, Engine Mount	2
10	64-416	Bracket, Hour Meter	1
11	64-417	Bracket, Solenoid & Relay Mount (Serial No. 1001 - 2999)	1
	64-417	Bracket, Solenoid & Relay Mount (Diesel)(Ser. No. 3000 -)	1
12	62-470	Sub-Frame, Kubota (Serial No. 1001 - 2999)	1
	62-759	Sub-Frame, Kubota (Serial No. 3000 -)	1
13	43-004A	Rod End, 1/4	2
14	93-04	Nut, 1/4	2
15	42-277	Solenoid Linkage, (Diesel Only)	1
16	02-CP0308	Cotter Pin	3
17	64-220	Throttle Lever Plate	1
18	42-276	Throttle Linkage, (Diesel Only)	1
	42-310	Throttle Linkage, (Kubota Gas Only)	1
19	64-215	Switch Mount, PTO	1
20	47-001	Knob	1
21	64-257	PTO Bracket (Serial No. 1001 - 2999)	1
22	40-186	PTO Lever	1
23	42-309	PTO Link	1
24	41-013	Spring	1
25	85-SC06	Set Collar, 3/8	1
26	64-285	Idler Fastener	1
27	90-0616	Bolt, 3/8 x 2	1
28	83-013	Flat Idler (Serial No. 1001 - 2999)	1
	83-029	Flat Idler (Serial No. 3000 -)	1
29	90-0620	Bolt, 3/8 x 2-1/2	1
30	99-A06	Locknut, 3/8	2
31	40-149	Idler Arm, PTO Clutch (Serial No. 1001 - 2510)	1
	40-291	Idler Arm, PTO Clutch (Serial No. 2511 -)	1
32	95-06	Flat Washer, 3/8 SAE	5
33	96-06	Lock Washer, 3/8 (Serial No. 2511 -)	1
34	99-B10	Special Washer (Serial No. 2511 -)	1
35	99-B40	Bushing, Idler Arm (Serial No. 2511 -)	1
36	99-K13	Flange Bolt, 3/8 x 1 (Serial No. 3000 -)	1
37	99-K02	Flange Bolt, 5/16 x 1 (Serial No. 3000 -)	1
38	99-E13	Flange Nut, 3/8 (Serial No. 3000 -)	1
39	99-E12	Flange Nut, 5/16 (Serial No. 3000 -)	1
40	64-734	Mount, Hydraulic Filter (Serial No. 3000 -)	1
*	00-078	Decal, Glow Plug Indicator (Diesel Only)	1
*	00-071	Decal, PTO Clutch Symbol	1

* Not Illustrated

MODEL RB420
Roll Bar Parts
Figure 21

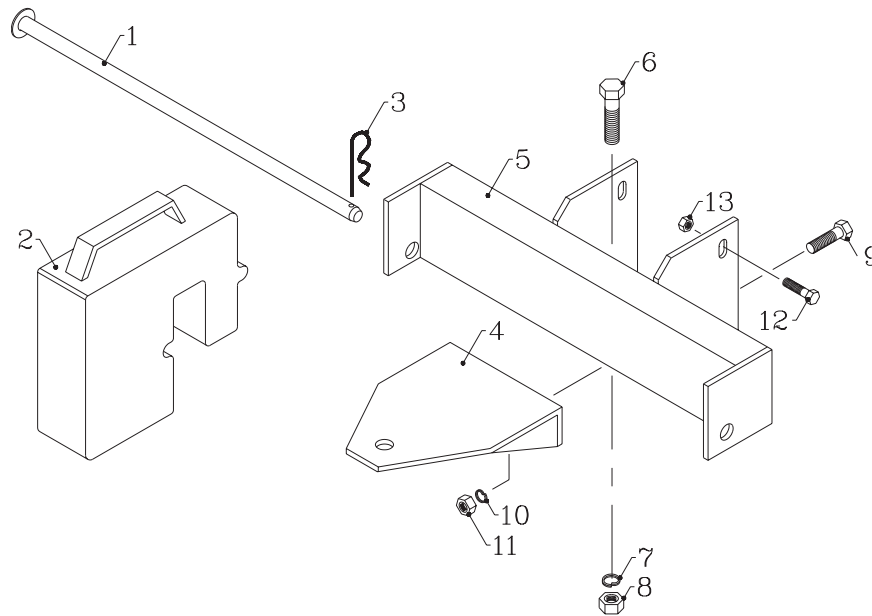


Parts List for Figure 21

Ref	Part No	Description	Quantity
1	62-664	Roll Bar, 420	1
2	92-08	Nut, 1/2	8
3	96-08	Lock Washer, 1/2	8
4	94-08	Flat Washer, 1/2	8
5	95-08	Flat Washer, 1/2 SAE	4
6	90-0812	Bolt, 1/2 X 1-1/2	8
7	92-07	Nut, 7/16	2
8	96-07	Lock Washer, 7/16	2
9	94-07	Flat Washer, 7/16	3
10	99-B12	Spacer, 1/4" thick	1
11	90-0710	Bolt, 7/16 x 1-1/4	2
12	47-059	Seat Belt Set	1
*	00-180	Decal, 4-Wheel Drive	2
*	00-170	Decal, Model RB420	1
*	00-209	Decal, Made in the USA	1
*	00-118	Decal, Spec. # for Roll Bars	1

* Not Illustrated

MODEL WB150
Rear Weight Bar
Attachment
Figure 17

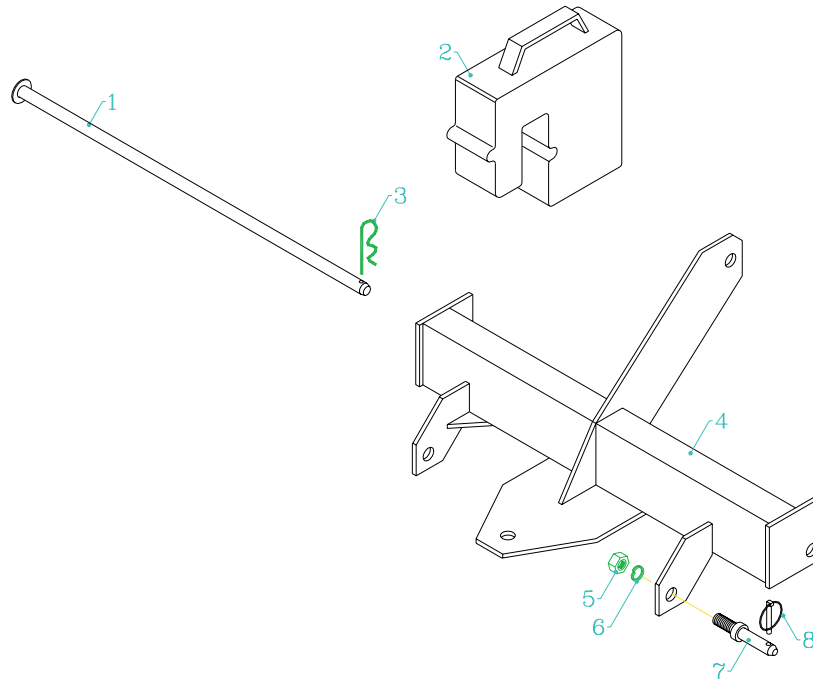


Parts List for Figure 17

Ref	Part no.	Description	Quantity
1	42-467	Weight Security Rod	1
2	62-540	Weight 55#	4
3	02-PP0420	Presto Pin, 1/8 x 2-9/16	1
4	62-542	Drawbar Hitch Extension	1
5	62-541	Tractor Weight Bar	1
6	90-1012	Bolt, 5/8 x 1-1/2	1
7	96-10	Lock Washer, 5/8	1
8	92-10	Nut, 5/8	1
9	90-0810	Bolt, 1/2 x 1-1/4	2
10	96-08	Lock Washer, 1/2	2
11	92-08	Nut, 1/2	2
12	90-0608	Bolt, 3/8 x 1	2
13	99-E13	Flange Nut, 3/8	2
*	00-174	Decal, Model WB150	1

*Not Illustrated

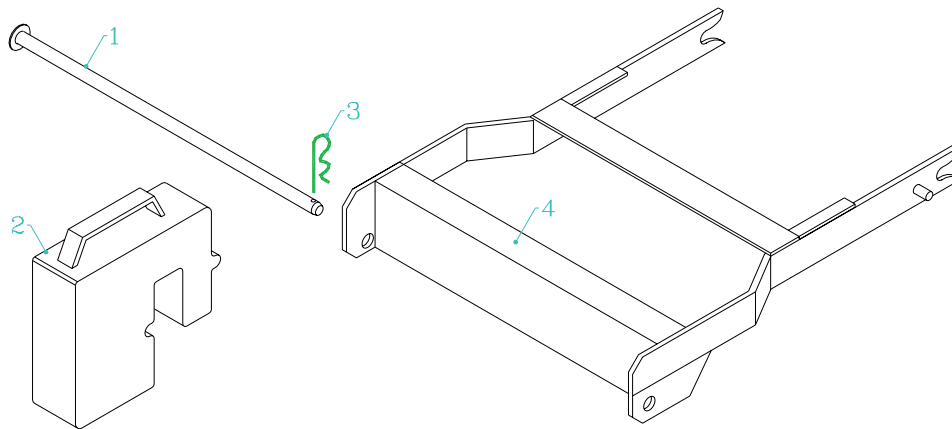
MODEL WB153
3 - Point Hitch
Rear Weight Bar
Attachment
Figure 27



Parts List for Figure 27

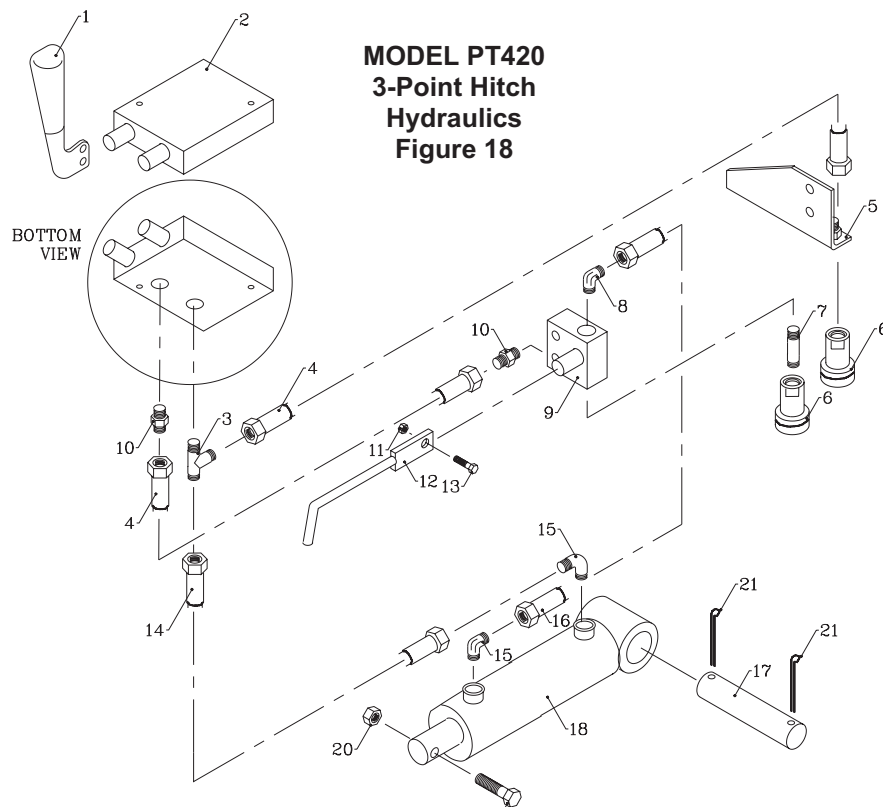
Ref	Part no.	Description	Quantity
1	42-432	Security Rod	1
2	62-540	Weight 55#	4
3	02-PP0524	Presto Pin, 5/32 x 2-15/16	1
4	62-707	Frame, 3-Point Weight Bar	1
5	92-10	Nut, 5/8	2
6	96-10	Lock Washer, 5/8	2
7	03-010	Lift Pin, Category "0"	2
8	03-015	Lynch Pin, Category "0"	2

MODEL WB140
Front Weight Bar
Attachment
Figure 25



Parts List for Figure 25

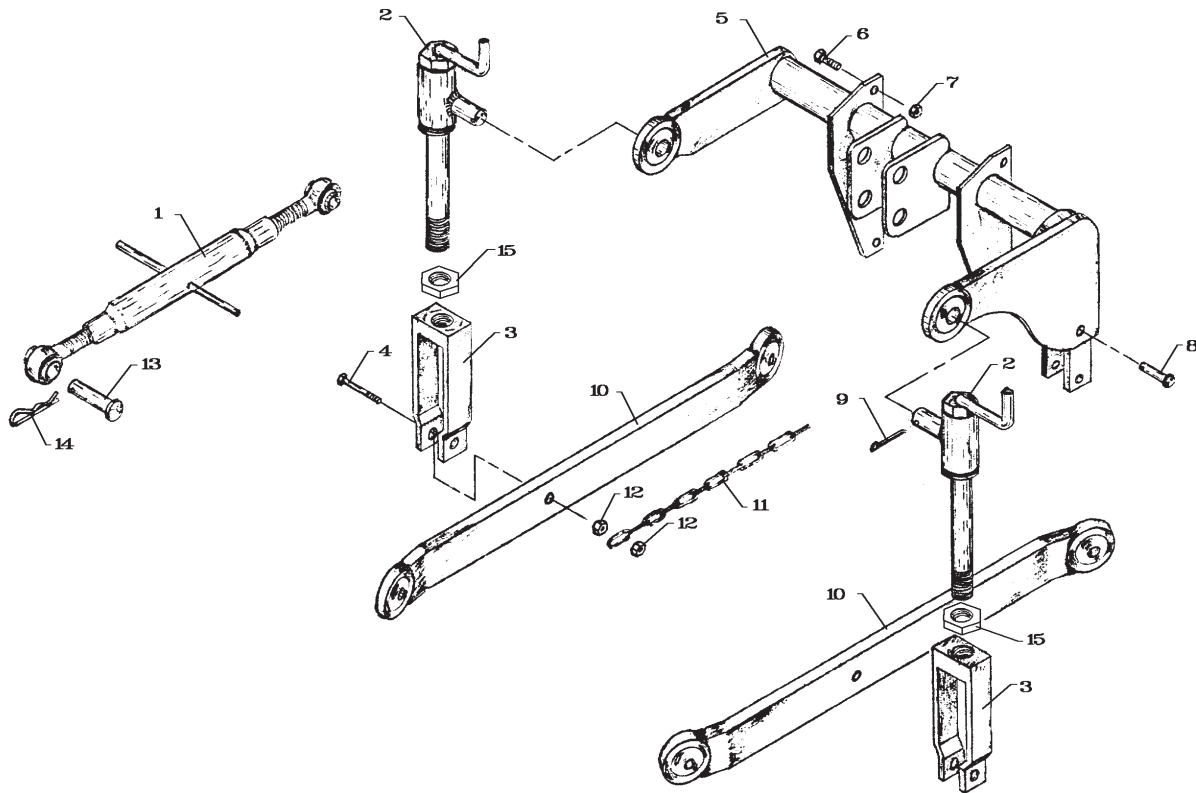
Ref	Part no.	Description	Quantity
1	42-467	Security Rod	1
2	62-540	Weight 55#	4
3	02-PP0524	Presto Pin	1
4	62-665	Frame, Front Weight Hitch	1



Parts List for Figure 18

Ref	Part no.	Description	Quantity
1	23-038	Handle, Onan & Kohler	2
	40-150	Handle, Kubota	2
2	23-035	Valve	1
3	25-053T-6-6	Fitting	1
4	20-026	Hose, 1/4 x 17	2
5	64-175	Coupler Bracket, Onan & Kohler	1
	64-219	Coupler Bracket, Kubota	1
6	23-003	Coupler, Female	2
	23-033	Dust Plug for 23-003	2
7	29-046	Nipple, 1/4 x 2	1
8	25-2503-6-6	Fitting, 90°, Onan & Kohler	1
	25-3503-6-6	Fitting, 45°, Kubota	1
9	23-036	Valve, Selector	1
10	25-0503-6-6	Fitting, Straight	1
11	99-AO4	Locknut, 3/8	1
12	40-143	Lever, Selector Valve, Onan & Kohler	1
	40-151	Lever, Selector Valve, Kubota	1
13	90-0408	Bolt, 1/4 x 1	1
14	20-010	Hose, 1/4 x 65	1
15	25-2103-6-6	Fitting	2
16	20-047	Hose, 1/4 x 58	1
17	64-007	Cylinder Pin	1
18	23-005	Cylinder	1
19	90-0618	Bolt, 3/8 x 2-1/4	1
20	99-A06	Locknut, 3/8	1

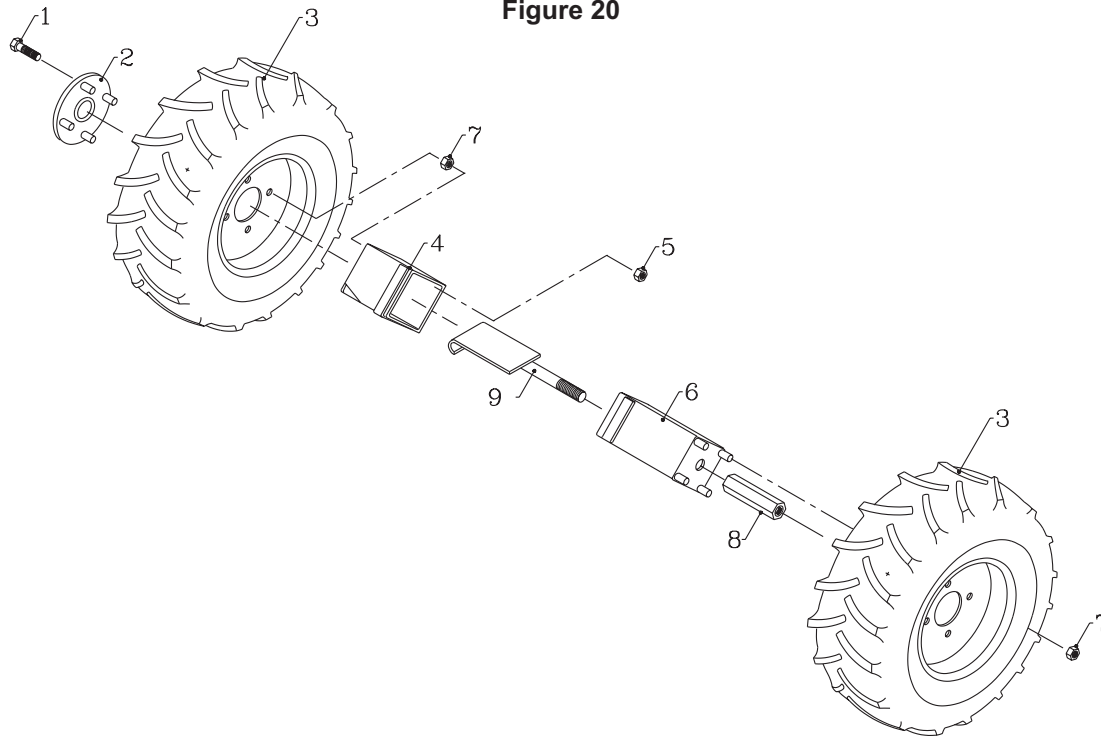
MODEL PT420
3-Point Hitch
Attachment Parts
Figure 19



Parts List for Figure 19

Ref	Part no.	Description	Quantity
1	47-009	Top Link	1
2	42-052	Lift Adjuster	2
3	42-053	Lift Link	2
4	90-0616	Bolt, 3/8 x 2	2
5	62-120	Rockshaft Assembly	1
6	90-0608	Bolt, 3/8 x 1	4
7	92-06	Nut, 3/8	8
8	03-0610	Clevis Pin	1
9	02-CP0410	Cotter Pin	2
10	62-121	Draft Link	2
11	56-018-12	Sway Chain, 12"	2
12	99-A06	Locknut, 3/8	4
13	03-1020	Clevis Pin	2
14	02-PP0318	Clip Pin	2
15	99-E27	Jam Nut, 3/4	2
16	03-1022	Clevis Pin, 5/8 x 2-3/4	2
17	96-06	Lock Washer, 3/8	4

MODEL DW100
Dual Wheel
Attachment Parts
Figure 20



Parts List for Figure 20

Ref	Part no.	Description	Quantity
1	99-F37	Bolt, 1/2 x 3 NF	16
2	53-058	Wheel Hub	4
3	53-015	Wheel & Tire Assembly, Left	2
	53-016	Wheel & Tire Assembly, Right	2
	53-081	Wheel & Tire Assembly, Turfmate	4
4	50-040	Square Driver, Inner	4
5	93-08	Nut, 1/2 NF	16
6	50-041	Square Driver, Outer	4
7	99-E01	Wheel Nut	16
8	50-092	Draw Nut	4
9	50-042	Hook Bolt	4