

Parts Manual

4500Z

Serial Number 4500Z-AJ01001 --



<https://www.tractormanualpdf.info/>

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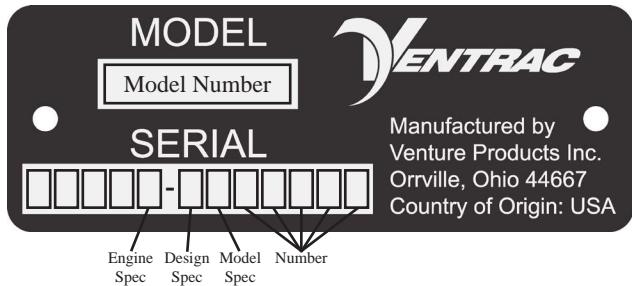
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A downloadable operator's manual is also available.

Serial Number Description



Engine

Z KUBOTA 32 HP WG972-GL GAS LC (OPTIONAL LPG)

Notes

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

TABLE OF CONTENTS

ELECTRICAL	PAGE 7
Wiring Diagram Reference Key.....	7
Wiring Diagram - Rear Harness	8
Wiring Diagram - Front Harness	9
Wiring Diagram - Engine Harness.....	10
Wiring Diagram - Optional 30.0219 4-Pin Female Socket & 30.0218 4-Pin Male Plug.....	11
Tractor Control Module	12
Battery, Power Cables, & Ground Cables	14
Front Fuse Panel.....	16
Rear Fuse Panel	18
Power Relay Module	20
RPM Sensor.....	22
Speedometer Sensor	24
HYDRAULICS, AXLES, & WHEELS	PAGE 26
Hydraulic Diagram.....	26
O-Ring Chart.....	28
Fitting Chart.....	28
Hydraulic Oil Tank	32
Hydraulic Steering System.....	34
Front Hitch Hydraulic Lift.....	36
Auxiliary Hydraulic Quick Couplers	38
Front Hydraulic Motor Mount & Fittings.....	40
Rear Hydraulic Motor Mount & Fittings	42
Hydraulic Pump Mount & Fittings.....	44
Hydraulic Oil Cooler & Fan.....	46
Hydraulic Drive Circuit Hoses	48
Pump Supply Line & Main Hydraulic Filter.....	50
Hydraulic Implement Circuit Supply & Return	52
Front Transaxle & Wheels.....	54
Rear Transaxle & Wheels	56
Model 2600 Transaxle (51.0020/51.0087)	58
Model 15 Hydraulic Motor (21.0081).....	60
Model 15 Hydraulic Pump (21.0080).....	62
ENGINES	PAGE 64
4500Z Kubota Gas Engine.....	64
4500Z Kubota Gas Engine Mount.....	66
4500Z Kubota Gas PTO Clutch	68
4500Z Kubota Gas Drive Shaft & Pump	70
4500Z Kubota Gas Muffler	72
4500Z Kubota Gas Cooling System.....	74
4500Z Kubota Gas Air Intake	76
4500Z Kubota Gas Fuel System.....	78

TABLE OF CONTENTS

FRAMES / SHEET METAL	PAGE 80
Lower Rear Frame	80
Seat Box & Upper Rear Frame	82
Left Seat Box Panels.....	84
Right Seat Box Panels.....	86
Tool Box Lid & Liner Panels	88
Roll Bar	90
Standard Rear Hitch.....	92
Rear Fenders & Battery Compartment.....	94
Standard Seat Assembly.....	96
Front Frame, Frame Connector Bracket, Hose Retainer	98
Front Fenders & Foot Pegs.....	100
Center Pivot & Connector Link.....	102
Front Hitch.....	104
Hood, Grill, & Headlights.....	106
Dash, Dash Brackets, Decals, & Switches.....	108
CONTROLS & LINKAGE	PAGE 110
SDLA Control Levers.....	110
SDLA Linkage	112
Neutral Assist Lever & Neutral Switch.....	114
Parking Brake Handle, Brake Rod, & Shields	116
Parking Brake Linkage & Brake Drum	118
High/Low Range Shift Linkage.....	120
PTO Idler Pulley & Idler Arm	122
PTO Belt Tension Linkage.....	124
Weight Transfer.....	126

TABLE OF CONTENTS

OPTIONS	PAGE 128
3 Point Hitch Frame (Kit #70.4100).....	128
3 Point Hitch Arms (Kit #70.4100).....	130
3 Point Hitch Hydraulics (Kit #70.4100)	132
3 Point Hitch Hydraulic Diagram (Kit #70.4100).....	134
Rear Hydraulic Valve (Kit # 70.4126)	136
Rear Hydraulic Valve Diagram (Kit # 70.4126)	138
Dual Wheels.....	140
70.4110 Propane Mount Brackets & Posts	142
70.4110 Propane Tank Frames	144
70.4110 Propane Supply	146
70.4110 Propane Vaporizer.....	148
70.4123 Propane Adapter Kit for SS575 Spreader	150
70.4111 Suspension Seat Kit	152
70.4154 Suspension Seat Kit.....	154
70.0098 Canopy Kit.....	156
70.4113 Work Light Kit	158
70.4114 Strobe Light Kit.....	160
70.4155 Strobe Light Kit.....	162
70.4119 Directional / Hazard Light Kit.....	164
70.4156 Directional / Hazard ECE Light Kit	166
70.4098 Wheel Extension Kit.....	168
70.4107 Foot Control Kit	170
70.4108 Raised Platform Kit	172
70.4101 Backup Alarm Kit.....	174
70.4112 Slope Indicator Kit	176
70.4121 Front Hitch Lock Valve Kit	178
70.4104 12 Volt Front Plug Kit	180
70.4105 12 Volt Rear Plug Kit	182
70.4106 PTO Remote Kit.....	184
70.4120 Horn Kit	186
70.4102 Kubota Engine Heater Kit.....	188
70.4135 Slope Indicator Kit.....	190
70.4109 Dual Front Hydraulic Auxiliary Kit.....	192
Dual Front Hydraulic Auxiliary Diagram	194
70.4140 Slope Indicator Kit	196
39.56114 3N1 Hitch.....	198
39.56116 Rear Counterweight Bar.....	200
70.4137 Mid Weight Bar 4500 Kit	202
70.4144 Rear Weight Bar Kit	204
70.4133 LED Work Light Kit.....	206
70.2016 Trailer Mover Hitch.....	208

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ELECTRICAL

Wiring Diagram Reference Key

Harness Section Identifier

A = 32.0108 - Harness, Rear
B = 32.0109 - Harness, Dash
C = 32.0110 - Harness, Front
D = 32.0107 - Harness, B&S Engine
E = 32.0105 - Harness, Kawasaki Engine
F = 32.0104 - Harness, Kubota Gas
G = 32.0106 - Harness, Kubota Diesel
H =
I =
J = 32.0114 - Harness, Kit - 12v Front
K = 32.0113 - Harness, Kit - 12v Rear
L = 32.0120 - Harness, Kit - 12v Dual Hydraulic
M = 32.0119 - Harness, Kit - Propane
N = 32.0121 - Harness, Kit - PTO Remote
O = 32.0115 - Harness, Kit - Horn
P = 32.0122 - Harness, Kit - Backup Alarm
Q = 32.0118 - Harness, Kit - Directional
R = 32.0117 - Harness, Kit - Strobe Light
S = 32.0116 - Harness, Kit - Work Light
T = 32.0123 - Harness, Kit - Slope Indicator

*@ = 32.0160 - Harness, Kubota WG972
" ^ = 32.0159 - Harness, Kawasaki FD851D Fused

* Actual wires not labeled on tractor harness

Wire Color & Circuit Type

Black = Ground
Dark Blue = Pre-Heat
Lt Blue = Safety Circuit
Brown = Engine Run / Kill
Gray = 12v Aux / Horn power
Green = Start/Speed/Directional
Lt Green = 12 Aux
Orange = Propane / Slope
Pink = Alarm
Purple = PTO
Red = Power
Tan = RPM
White = Power
Yellow = Light/Directional

-----	= *Black Wire
_____	= White Wire
-----	= Ground
●	= Splice or Connection

* All black wires that are part of the wire harness are part of the ground circuit. However, some components such as lights may be wired where black may be positive.

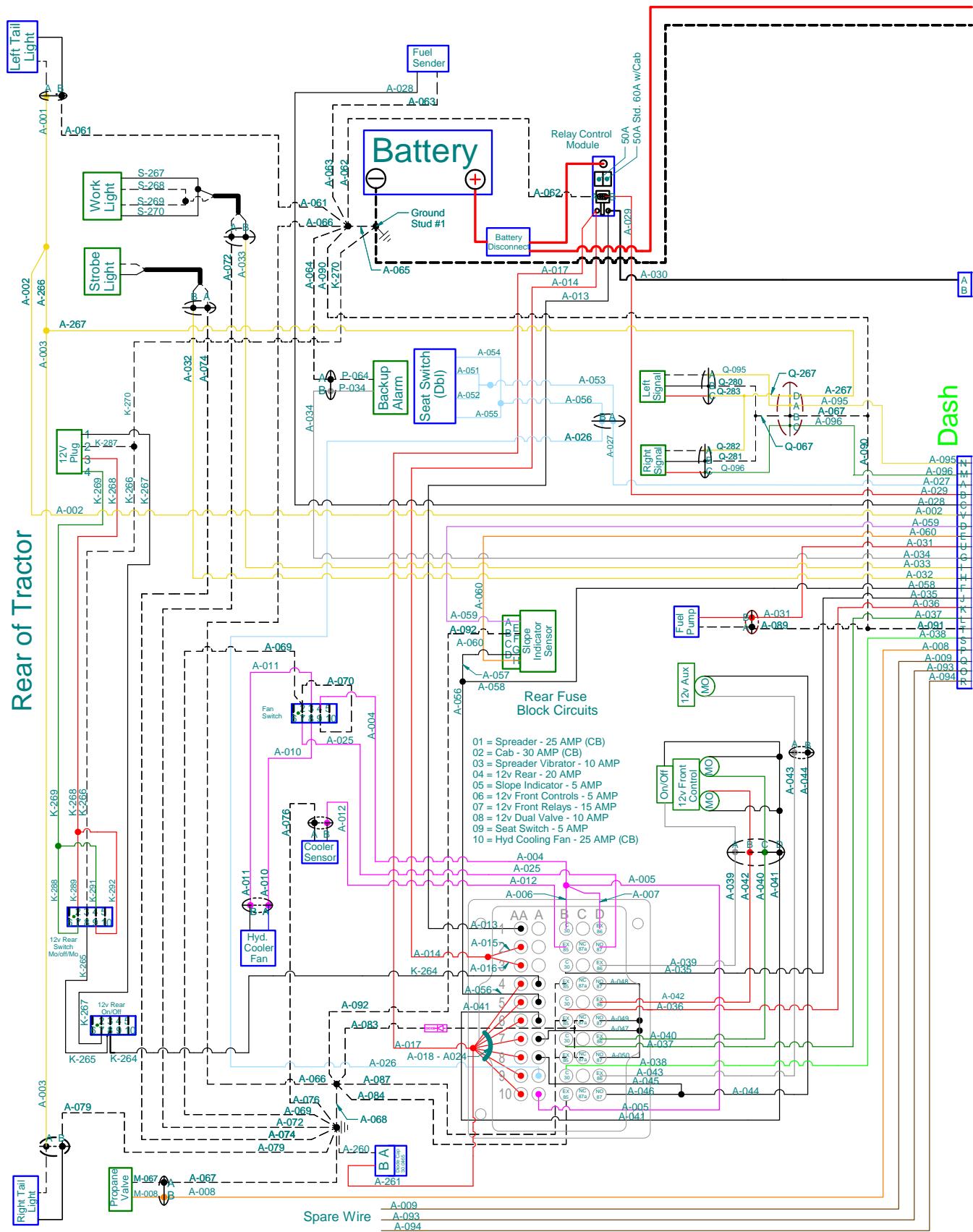
All other wires colors are as shown

Anything outlined with a blue box is a Standard Feature

Anything outlined with a Green box is a Option

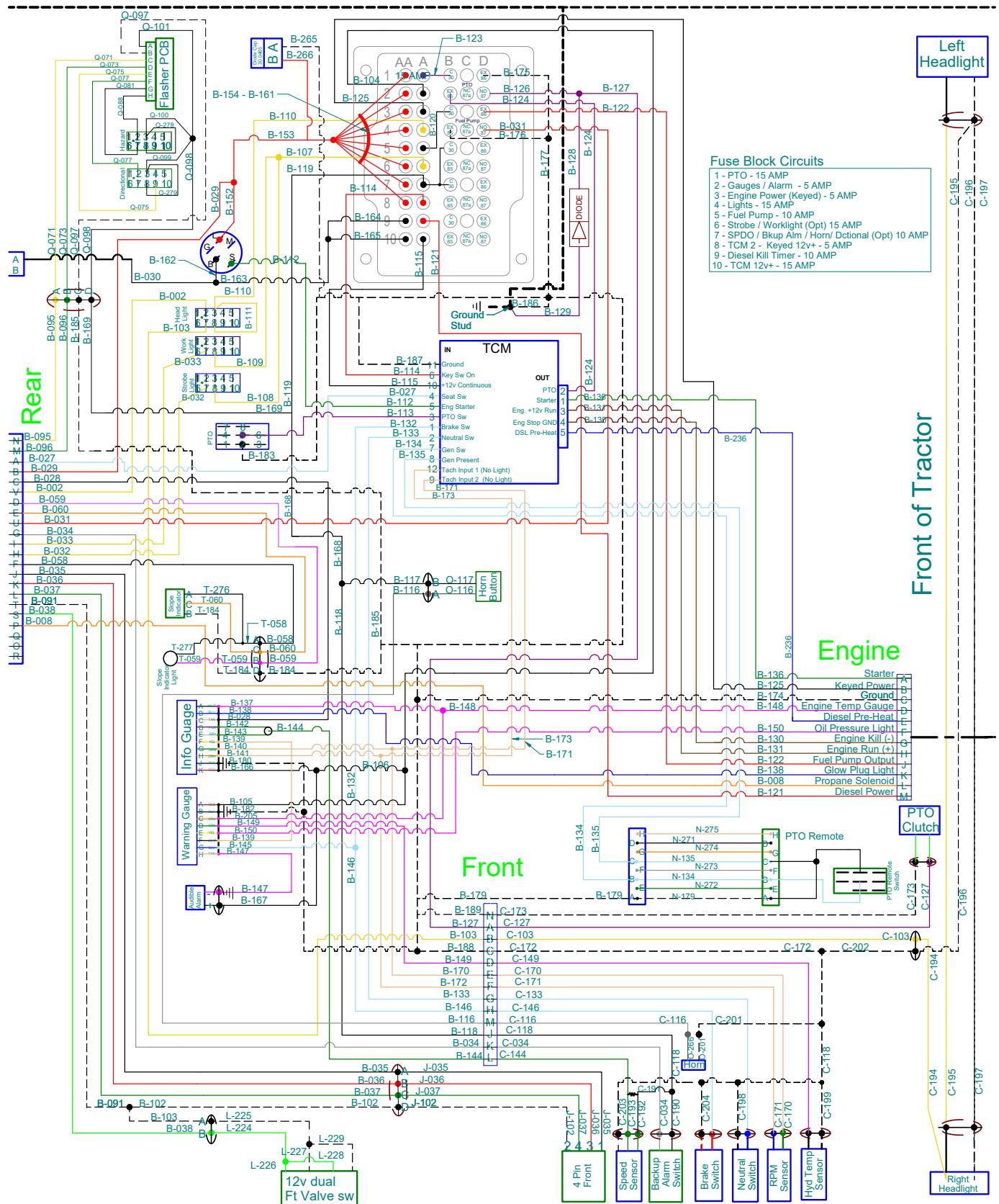
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Wiring Diagram - Rear Harness



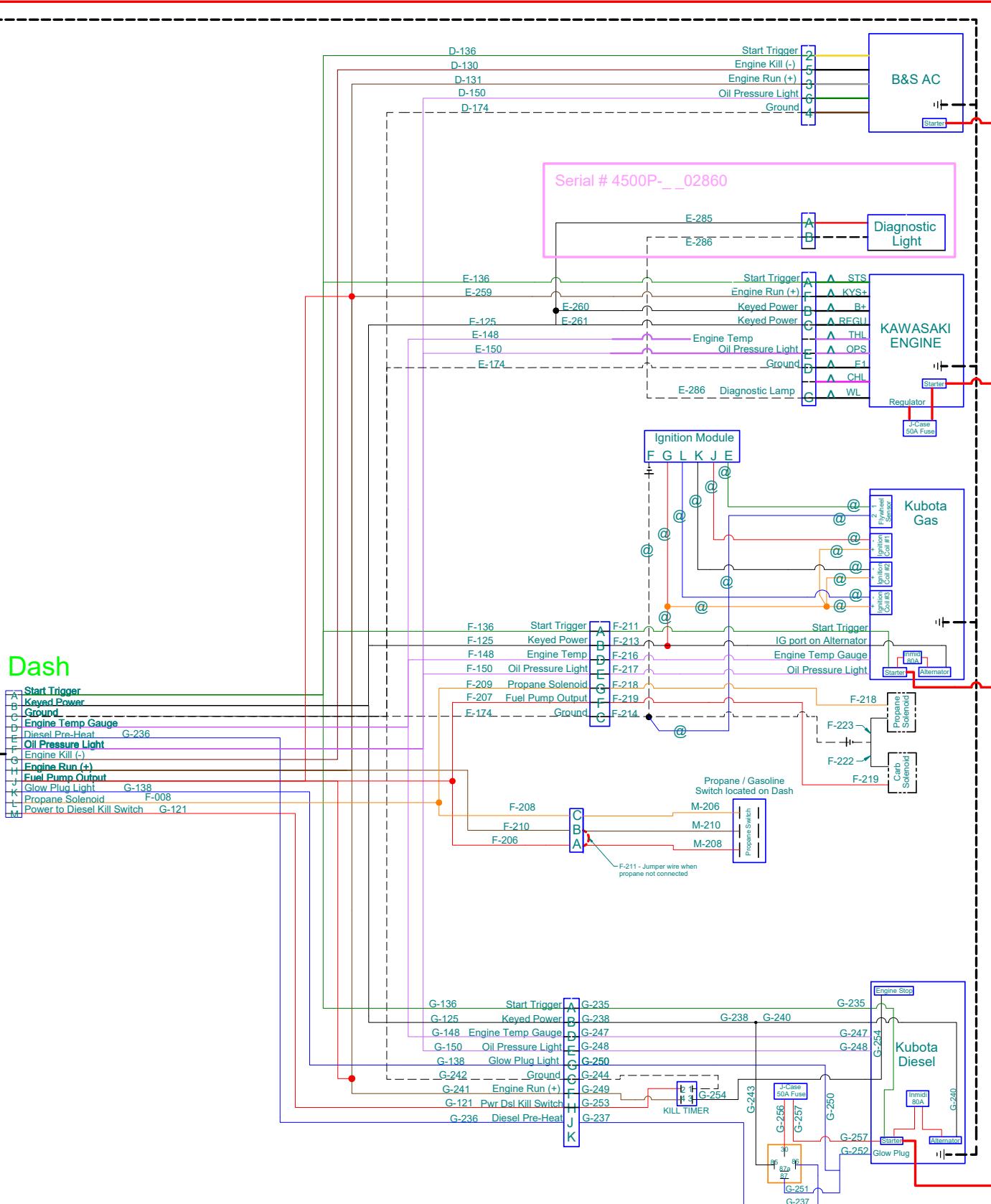
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Wiring Diagram - Front Harness



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Wiring Diagram - Engine Harness



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Wiring Diagram - Optional 30.0219 4-Pin Female Socket & 30.0218 4-Pin Male Plug

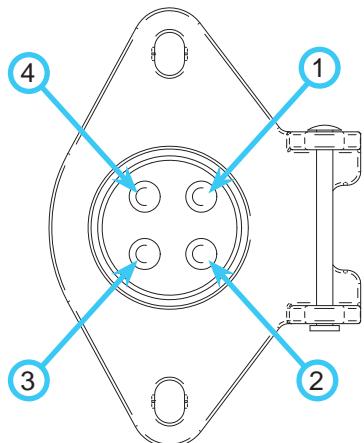


Attention

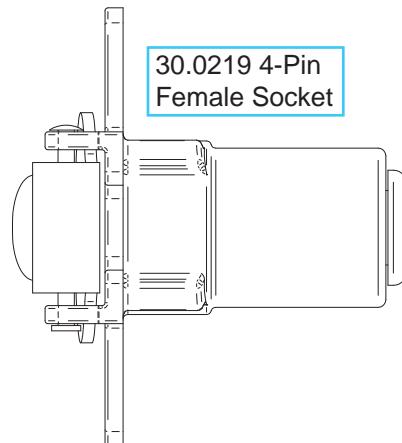
This connector (4-pin socket) is designed for use with Ventrac original equipment only. This connector (4-pin socket) is rated for 20 amp maximum current draw. Engine alternator and/or battery capacity determine allowable continuous draw.

30.0219 4-pin female socket is used in the 70.4104 12 Volt Front kit & 70.4105 12 Volt Rear Kit.

**Front View of Socket
Without Cover**



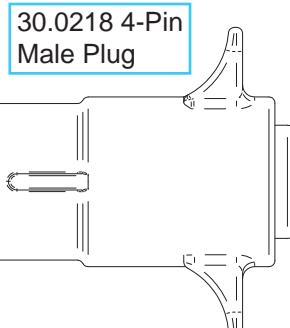
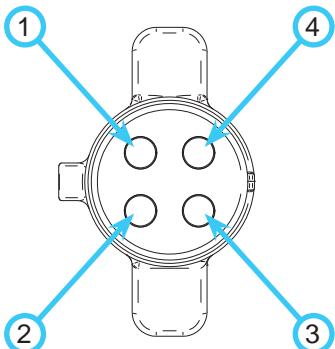
Rear View of Socket



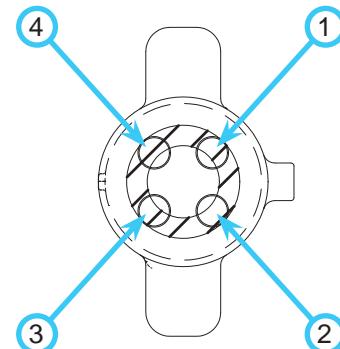
Terminal Position	Wire Color	Function
1	White	Positive (On/Off Switched)
2	Black	Negative (Constant)
3	Red	Positive/Negative (Momentary Switched Reversing)
4	Green or Brown	Positive/Negative (Momentary Switched Reversing)

30.0218 4-pin plug is used on attachments to connect to the 30.0219 socket on the power unit.

Front View of Plug



Rear View of Plug

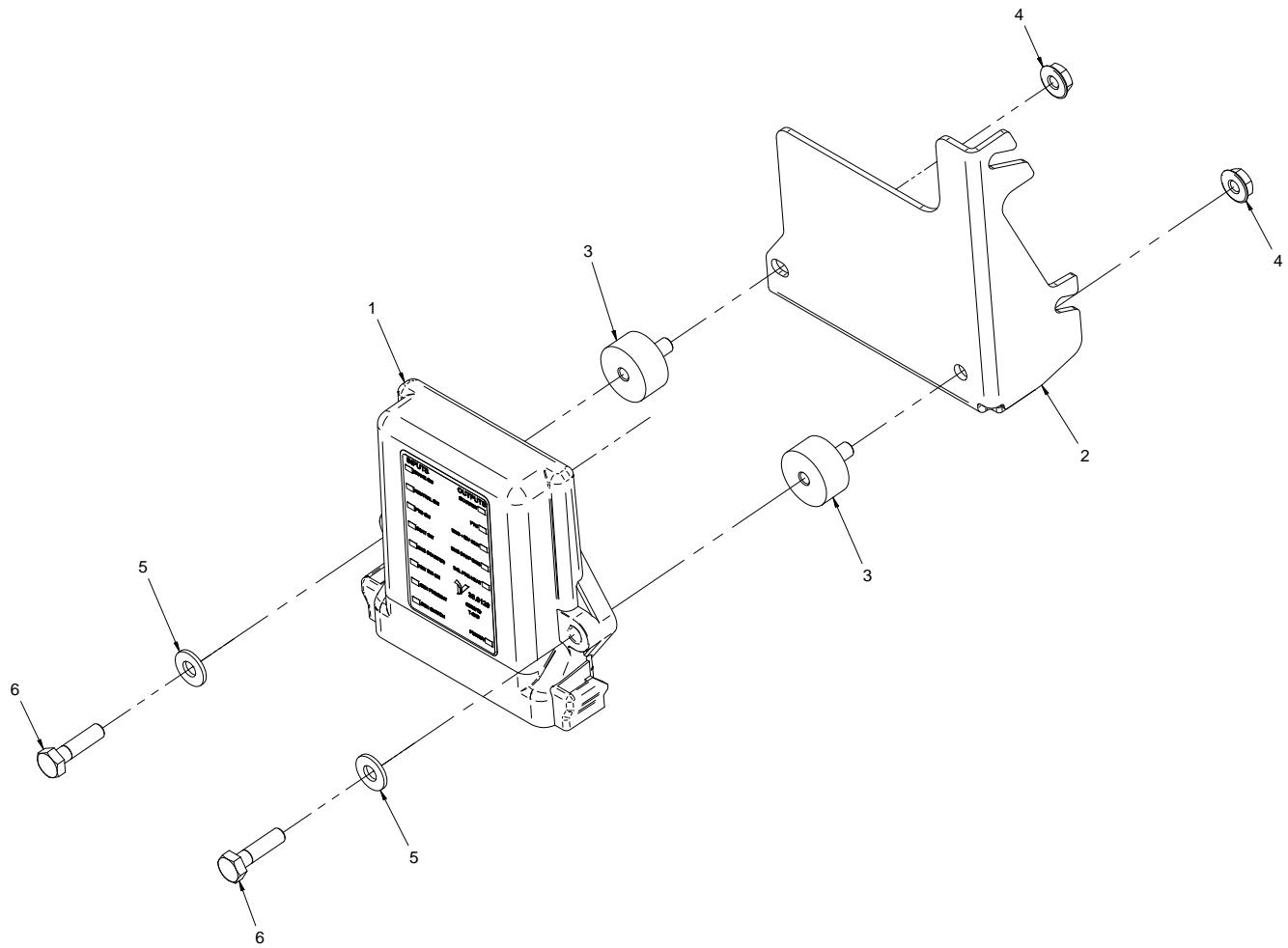


Terminal Position	Wire Color	Function
1	Not Specified*	Positive (On/Off Switched)
2	Not Specified*	Negative (Constant)
3	Not Specified*	Positive/Negative (Momentary Switched Reversing)
4	Not Specified*	Positive/Negative (Momentary Switched Reversing)

* Refer to the part diagram in the attachment's operator's manual for specific wire color and terminal position for each model.

ELECTRICAL

ILLUSTRATED DRAWING Tractor Control Module



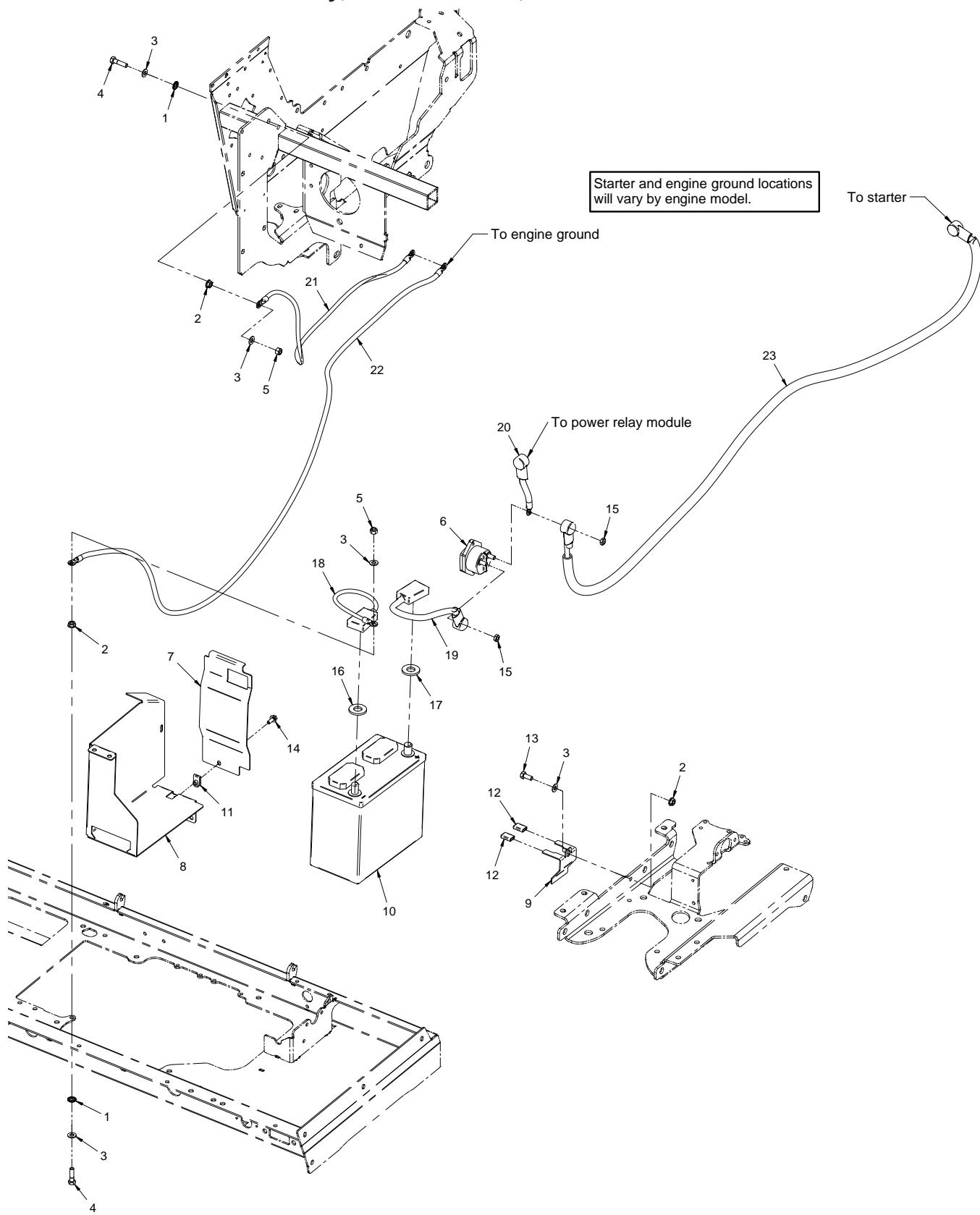
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Tractor Control Module

REF.	PART NO.	DESCRIPTION	QTY.
1	35.0128	MODULE, TRACTOR CONTROL (Serial # 01001-02478)	1
1	35.0146	MODULE, TRACTOR CONTROL (Serial # 02479-04921)	1
1	35.0134	MODULE, TRACTOR CONTROL (Serial # 04922)	1
2	64.1690	BRACKET, TCM	1
3	05.0135	ISOLATOR, 1/4-20 X 1/2 X 1" F/M	2
4	99.SF04	NUT, SRF 1/4-20 USS	2
5	95.04	WASHER, FLAT 1/4 SAE	2
6	90.0408	BOLT, 1/4-20 USS X 1"	2

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ILLUSTRATED DRAWING Battery, Power Cables, & Ground Cables



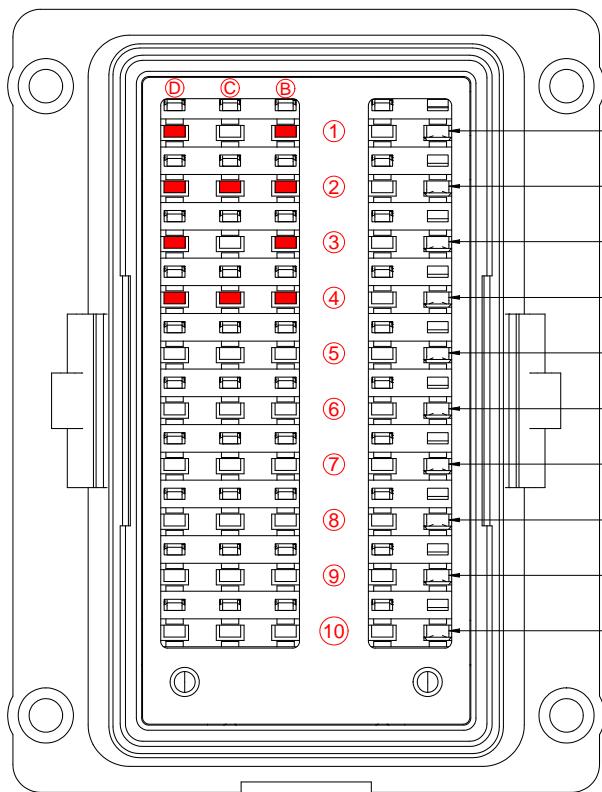
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Battery, Power Cables, & Ground Cables

REF.	PART NO.	DESCRIPTION	QTY.
1	99.G0003	WASHER, STAR-EXTERNAL 5/16	2
2	99.SF05	NUT, SRF 5/16-18 USS	3
3	95.05	WASHER, FLAT 5/16 SAE	5
4	90.0510	BOLT, 5/16-18 USS X 1-1/4"	2
5	99.A05N	LOCKNUT, NYLON 5/16-18 USS	2
6	30.0338	BREAKER, CIRCUIT 150 AMP	1
7	60.1117	PANEL, FOOT PLATFORM LEFT	1
8	60.1116	PANEL, BATTERY COMPARTMENT	1
9	64.1593	RETAINER, BATTERY HOLD DOWN	1
10	33.0060	BATTERY, GROUP 51-60	1
11	99.E0046	NUT, "U" 1/4-20 EXTRUDED	1
12	06.0044	CAP, PLASTIC 1/8 X 1/2 X 7/8	2
13	90.0506	BOLT, 5/16-18 USS X 3/4"	1
14	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	1
15	99.E0060	NUT, JAM 5/16-18 USS	2
16	05.0122	WASHER, ANTI CORROSION BLACK	1
17	05.0121	WASHER, ANTI CORROSION RED	1
18	32.0101	CABLE, ASM NEG BATTERY 4GA	1
19	32.0100	CABLE, ASM POS BATTERY 4GA	1
20	32.0111	CABLE, ASM POS 6 GA	1
21	32.0112	CABLE, ASM NEG 4GA	1
22	32.0103	CABLE, ASM NEG 4GA	1
23	32.0102	CABLE, ASM POS 4GA	1

ELECTRICAL

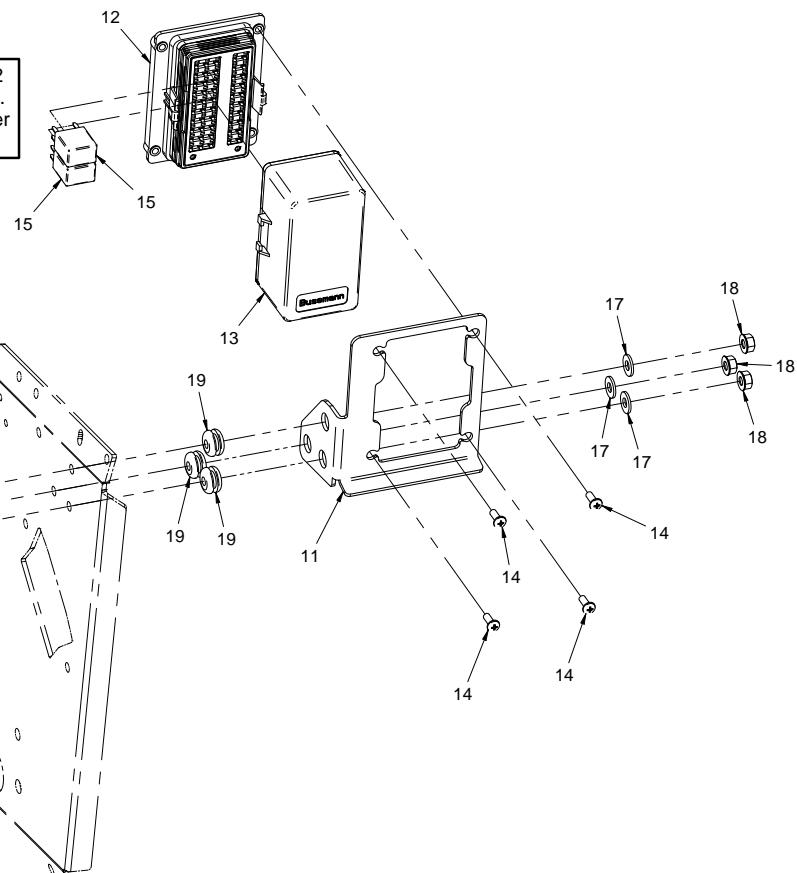
ILLUSTRATED DRAWING Front Fuse Panel



Ref. # / Position	Circuit
1	PTO
2	Gauges
3	Engine
4	Lights
5	Fuel Pump
6*	Work / Strobe Light
7*	Backup Alarm / Horn / Direction Lights
8	TCM 1
9^	Diesel Stop
10	TCM 2

*Optional Accessory
^Diesel Only

Reference 15 relays are installed in Position 1 - 2 and Position 3 - 4 as referenced by shaded ports. The relays must be oriented with the single center pin down.



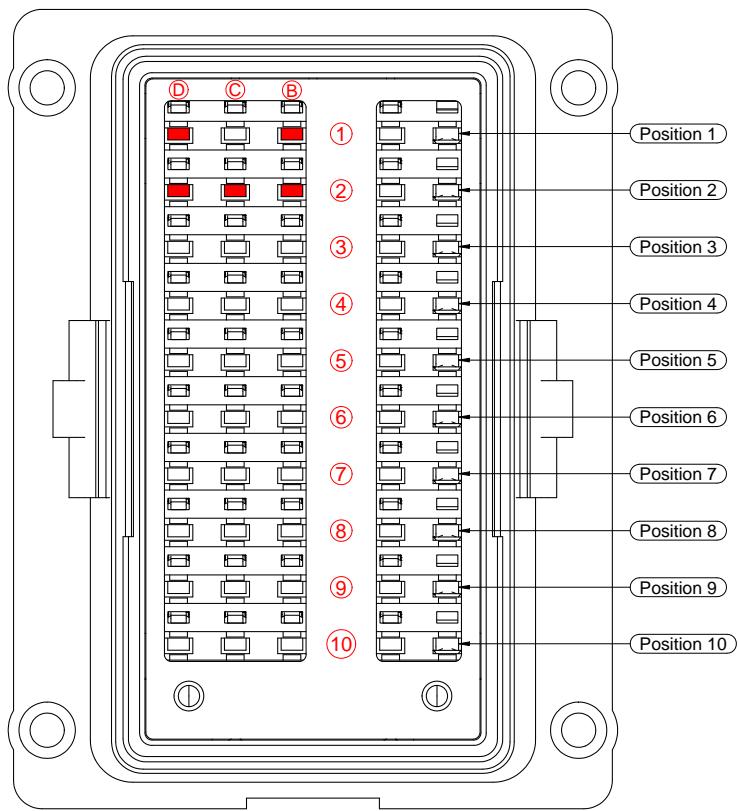
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Front Fuse Panel

REF.	PART NO.	DESCRIPTION	QTY.
1	30.0334	FUSE, 15 AMP MINI BLUE.	1
2	30.0332	FUSE, 5 AMP MINI TAN.	1
3	30.0332	FUSE, 5 AMP MINI TAN.	1
4	30.0334	FUSE, 15 AMP MINI BLUE.	1
5	30.0333	FUSE, 10 AMP MINI RED.	1
6	30.0334	FUSE, 15 AMP MINI BLUE.	1
7	30.0333	FUSE, 10 AMP MINI RED.	1
8	30.0332	FUSE, 5 AMP MINI TAN.	1
9	30.0333	FUSE, 10 AMP MINI RED.	1
10	30.0334	FUSE, 15 AMP MINI BLUE.	1
11	64.1648	BRACKET, FUSE PANEL MOUNT	1
12	30.0356	FUSE PANEL, MINI NON-BUSSED	1
13	30.0331	COVER, FUSE PANEL 30.0329	1
14	99.K0062	MACHINE SCREW, #10-32 X 1/2.	4
15	35.0117	RELAY, 12V 35/20 AMP 280 MICRO	2
16	99.0408	BOLT, 1/4-20 X 1 BSCS	3
17	95.04	WASHER, FLAT 1/4 SAE	3
18	99.E0101	NUT, LOCKING FLANGE 1/4-20	3
19	05.0146	GROMMET, 1/4ID, 3/4OD, 7/16THK	3

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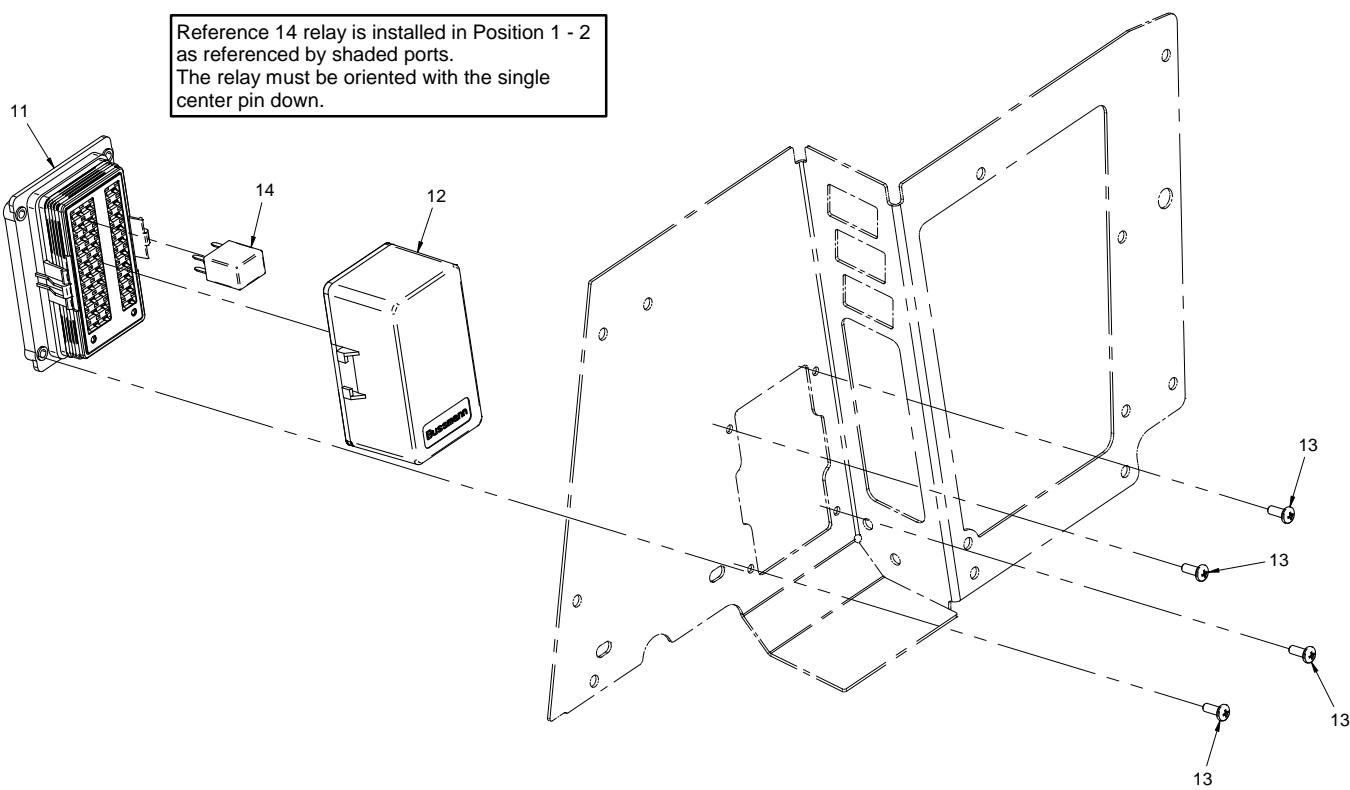
ILLUSTRATED DRAWING Rear Fuse Panel



Ref. # / Position	Circuit
1*	Spreader
2*	Weather Cab
3*	Spreader Vibrator
4*	12 Volt Rear
5*	Slope Indicator
6*	12 Volt Front 1
7*	12 Volt Front 2
8*	Hydraulic Auxiliary
9	Seat Switch
10	Hydraulic Oil Cooler Fan

*Optional Accessory

Reference 14 relay is installed in Position 1 - 2 as referenced by shaded ports.
The relay must be oriented with the single center pin down.



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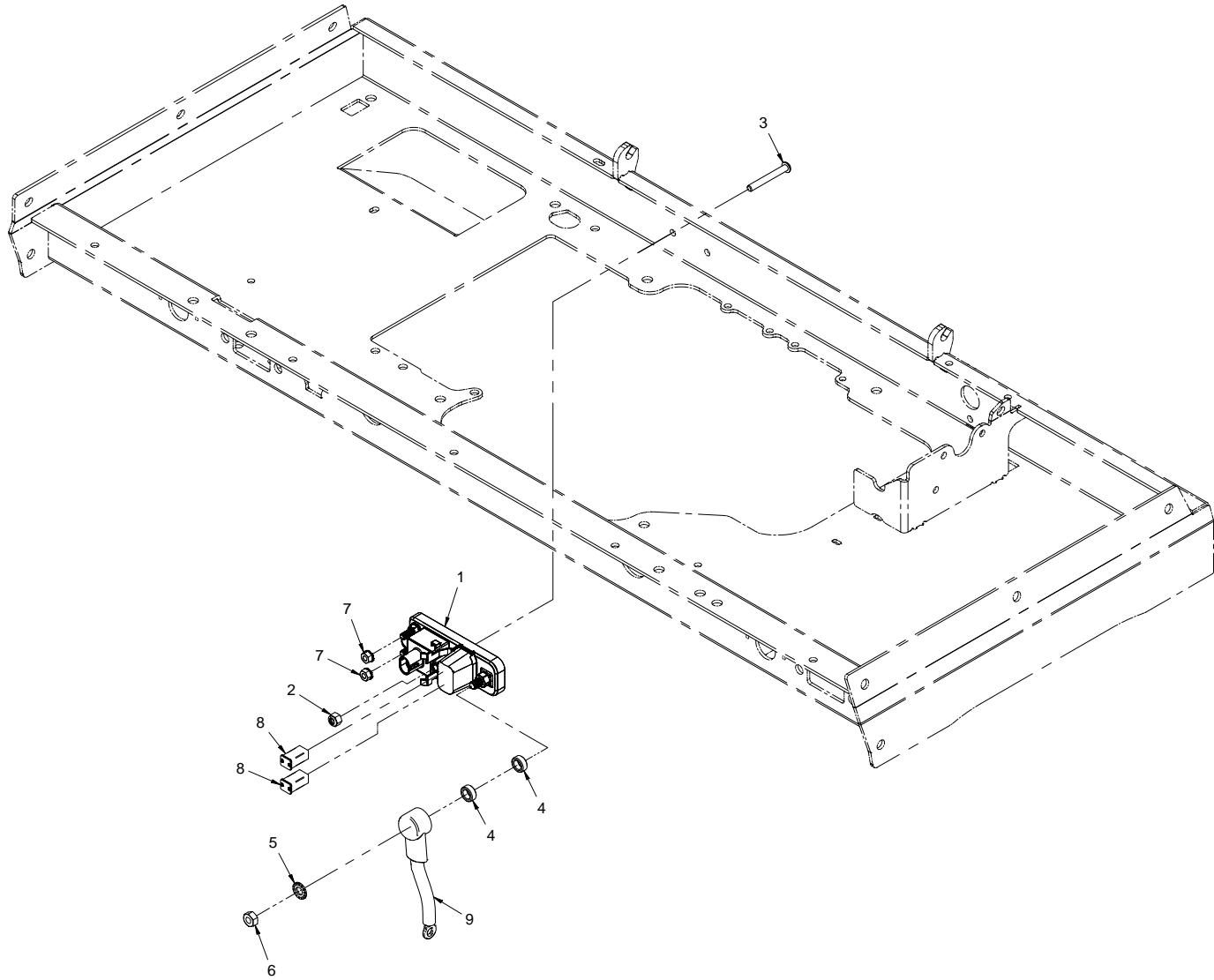
Rear Fuse Panel

REF.	PART NO.	DESCRIPTION	QTY.
1	30.0429	BREAKER, CIRCUIT 25 AMP MINI	1
2	30.0445	BREAKER, CIRCUIT 30 AMP MINI	1
3	30.0333	FUSE, 10 AMP MINI RED	1
4	30.0335	FUSE, 20 AMP MINI YELLOW	1
5	30.0332	FUSE, 5 AMP MINI TAN	1
6	30.0332	FUSE, 5 AMP MINI TAN	1
7	30.0334	FUSE, 15 AMP MINI BLUE	1
8	30.0333	FUSE, 10 AMP MINI RED	1
9	30.0332	FUSE, 5 AMP MINI TAN	1
10	30.0429	BREAKER, CIRCUIT 25 AMP MINI	1
11	30.0356	FUSE PANEL, MINI NON-BUSSED	1
12	30.0331	COVER, FUSE PANEL 30.0329	1
13	99.K0062	MACHINE SCREW, #10-32 X 1/2	4
14	35.0117	RELAY, 12V 35/20 AMP 280 MICRO	1

ELECTRICAL

ILLUSTRATED DRAWING

Power Relay Module



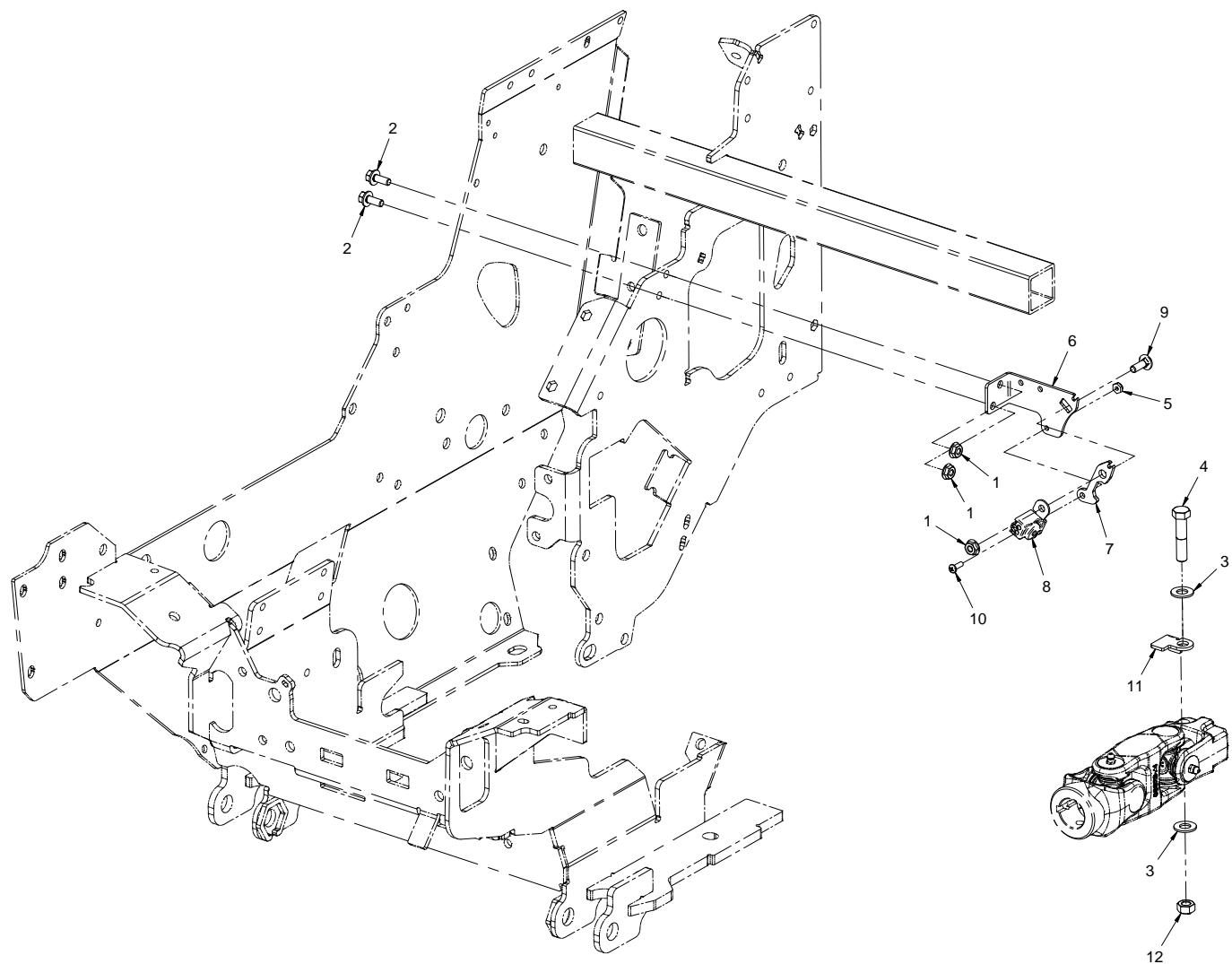
ELECTRICAL

Power Relay Module

REF.	PART NO.	DESCRIPTION	QTY.
1	30.0339	MODULE, POWER RELAY	1
2	99.A04N	LOCKNUT, NYLON 1/4-20	1
3	99.0416	BOLT, 1/4-20 X 2 BSCS	1
4	64.0602	BUSHING, 3/8 X 5/8 X .265	2
5	99.G0003	WASHER, STAR-EXTERNAL 5/16	1
6	99.M0008	NUT, M8 X 1.25MM ZP	1
7	99.M0029	NUT, M6 X 1.0 W/LOCK WASHER	2
8	30.0374	FUSE, 50A J-CASE ORANGE	2
9	32.0111	CABLE, ASM POS 6 GA	1

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ILLUSTRATED DRAWING RPM Sensor



ELECTRICAL

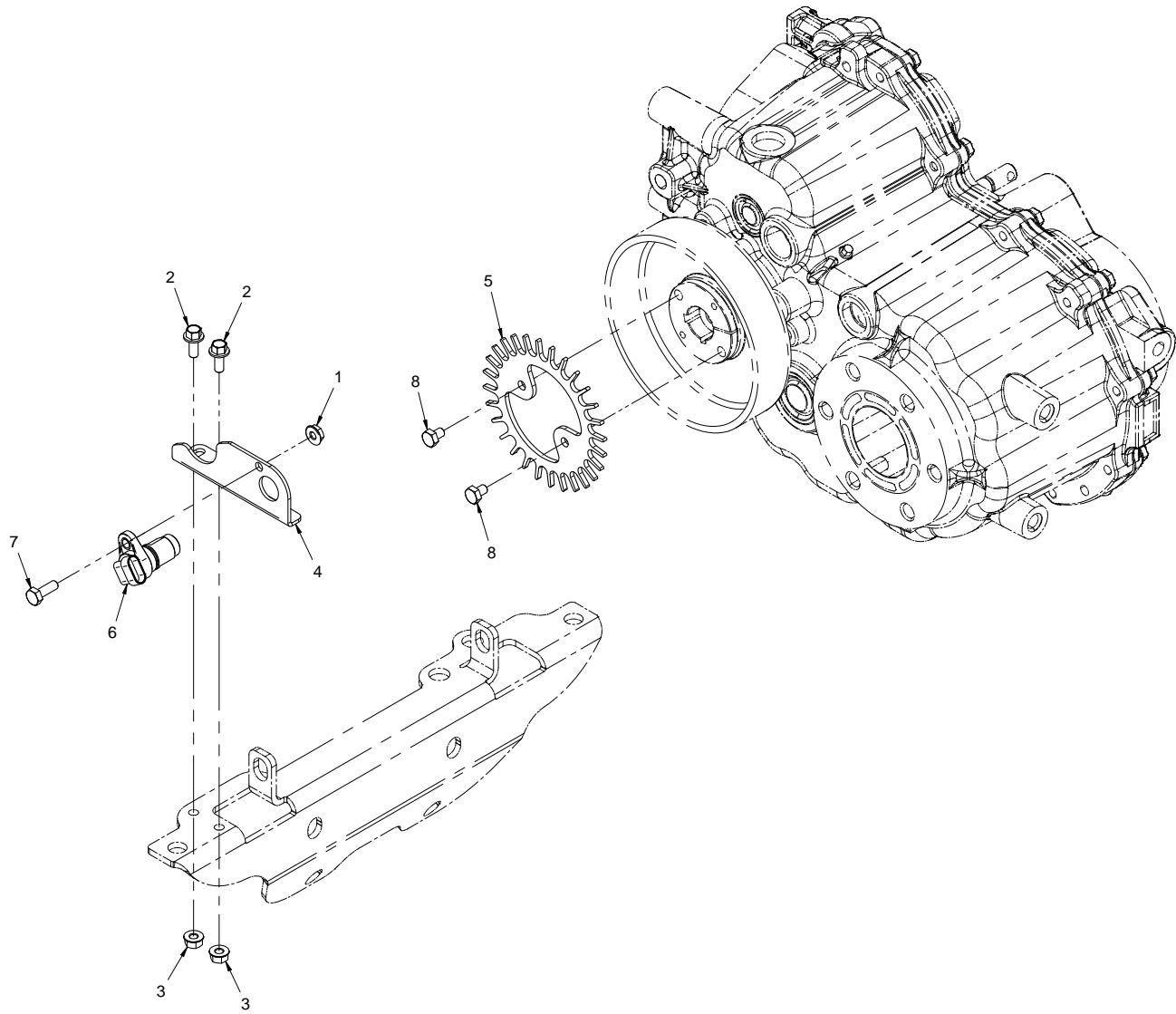
RPM Sensor

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.	3
2	99.SF0405-1	.BOLT, SMF 1/4-20 X 5/8	2
3	95.06	.WASHER, FLAT 3/8 SAE	2
4	90.0614	.BOLT, 3/8-16 USS X 1-3/4.	1
5	99.E0062	.NUT, SRF #8-32	1
6	64.1653	.BRACKET, RPM SENSOR MOUNT	1
7	64.1655	.PLATE, TACH RPM SENSOR SPACER	1
8	13.0162	.TRIGGER, IGNITION	1
9	97.0406	.BOLT, CARRIAGE 1/4 X 3/4.	1
10	99.K0041	.MACHINE SCREW, #8-32 X 1/2.	1
11	64.1654	.PLATE, DRIVESHAFT TACH TRIGGER	1
12	99.A06	.LOCKNUT, STOVER 3/8-16 USS	1

ELECTRICAL

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Speedometer Sensor



ELECTRICAL

Speedometer Sensor

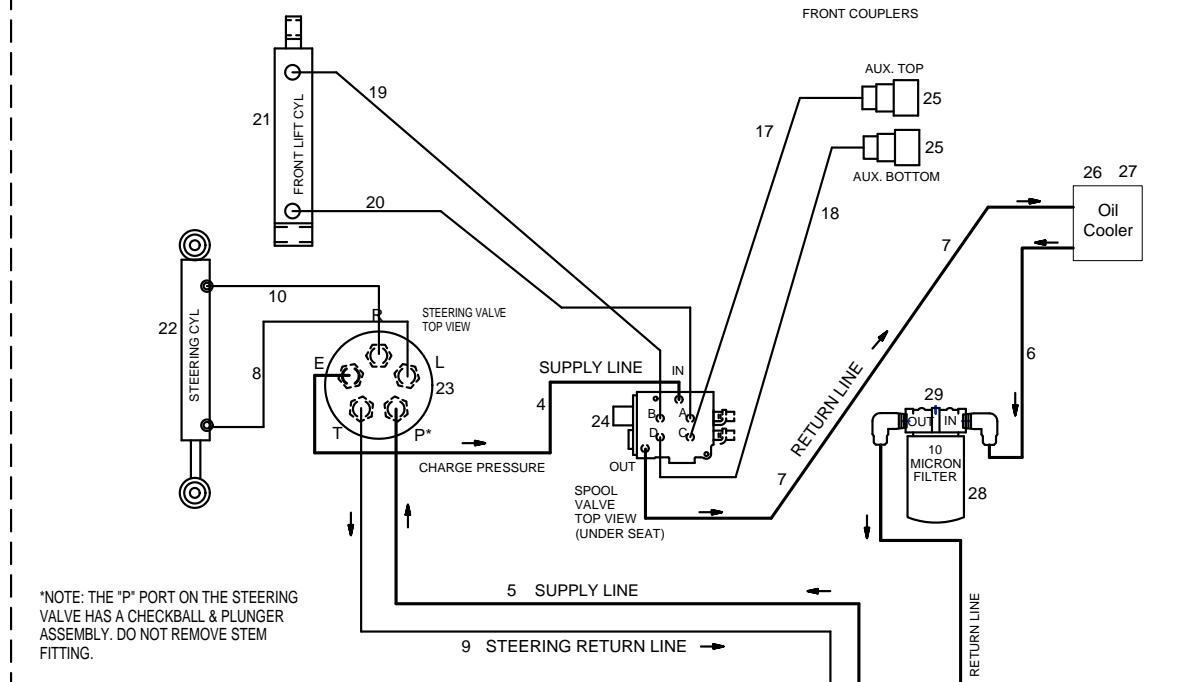
REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.	1
2	99.SF0405-1	.BOLT, SMF 1/4-20 X 5/8	2
3	99.E0101	.NUT, LOCKING FLANGE 1/4-20	2
4	64.1604	.BRACKET, SPEED SENSOR MOUNT	1
5	64.1606	.PLATE, SPEED INDICATOR	1
6	35.0121	.SENSOR, GEAR TOOTH SPEED	1
7	90.0406	.BOLT, 1/4-20 USS X 3/4"	1
8	90.0403	.BOLT, 1/4-20 USS X 3/8	2

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Hydraulic Diagram

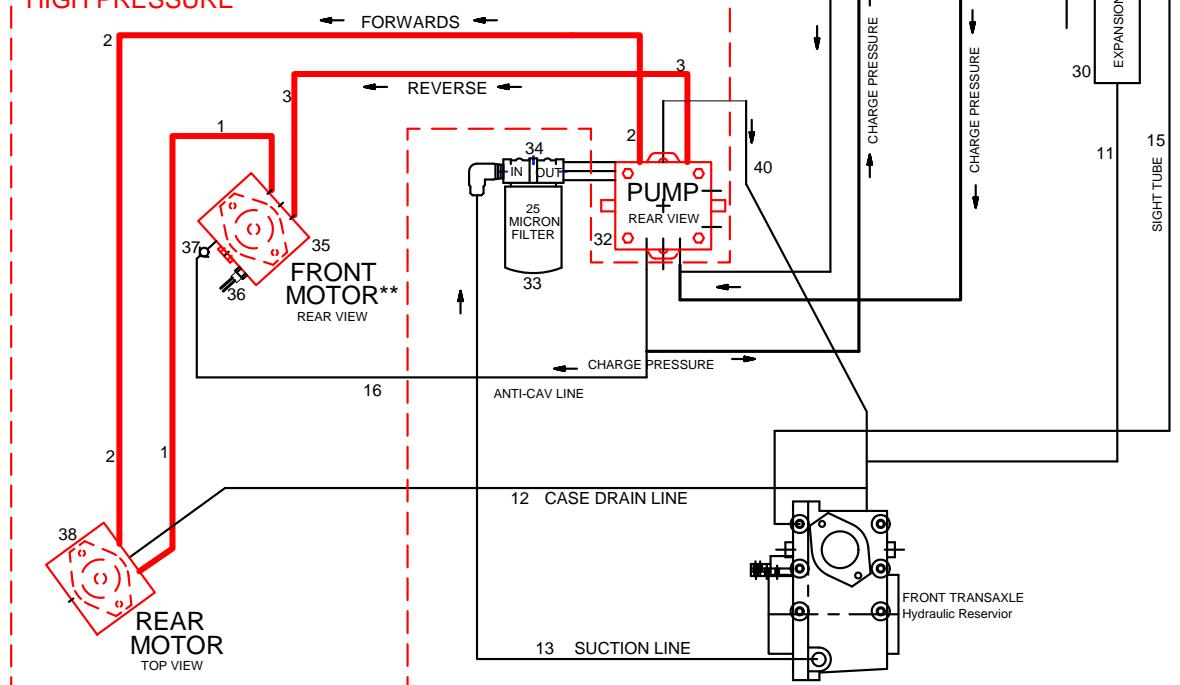
ALL VIEWS ARE FROM REAR OF TRACTOR, OR AS NOTED

OPEN LOOP IMPLEMENT CIRCUIT



CLOSED LOOP DRIVE CIRCUIT^

HIGH PRESSURE



*IF ANY PART OF THE CLOSED LOOP HYDROSTATIC DRIVE CIRCUIT (PUMP, FRONT DRIVE MOTOR, REAR DRIVE MOTOR, OR ANY OF THE THREE 1/2" HYDRAULIC LINES CONNECTING THEM TOGETHER) IS SERVICED OR REPLACED, THIS VENTRAC CLOSED LOOP DRIVE CIRCUIT FILTRATION PROCEDURE MUST BE PERFORMED. THIS PROCEDURE REQUIRES A SPECIAL VENTRAC REMOTE FILTERING TOOL (KIT # 70.0122) AND MUST BE PERFORMED BY A VENTRAC AUTHORIZED TECHNICIAN. FAILURE TO PERFORM THIS FILTERING PROCEDURE FOLLOWING A REPAIR CAN RESULT IN COMPONENT AND/OR COMPLETE SYSTEM FAILURE AND MAY VOID WARRANTY.

**NOTE: THE FRONT TRANSAKLE IS PART OF THE HYDRAULIC SYSTEM, SO THE FRONT MOTOR MUST HAVE THE SEAL REMOVED. THE REAR TRANSAKLE IS SEPARATE FROM THE HYDRAULIC SYSTEM, SO THE SHAFT SEAL IN THE REAR MOTOR MUST NOT BE REMOVED.

HYDRAULICS, AXLES, & WHEELS

Hydraulic Diagram

REF.	PART NO.	DESCRIPTION	QTY.
1	20.0295	.HOSE, 1/2X55.00 SS BRAID PTFE.....	1
2	20.0296	.HOSE, 1/2X74.50 SS BRAID PTFE.....	1
3	20.0297	.HOSE, 1/2X18.38 SS BRAID PTFE.....	1
4	20.0298	.HOSE, 3/8X56.00 SAE 100R17 AR	1
5	20.0155	.HOSE, 3/8X19.00 SAE 100R17AR.....	1
6	20.0300	.HOSE, 3/8X69.00 SAE 100R17 AR	1
7	20.0299	.HOSE, 3/8X32.00 SAE 100R17 AR	1
8	20.0122	.HOSE, 1/4X43.00 SAE 100R17AR.....	1
9	20.0123	.HOSE, 1/4X19.50 SAE 100R17AR.....	1
10	20.0136	.HOSE, 1/4X36.00 SAE 100R17AR.....	1
11	22.0052	.HOSE, 1/2X22.00 PLK 250PSI CPE	1
12	22.0058	.HOSE, 3/8X54.00 PLK 250PSI CPE	1
13	22.0050	.HOSE, 3/4X22.00 PLK 250PSI CPE	1
14	27.F04-30IN	.HOSE, FUEL LINE 1/4 X 30"	1
15	27.T06-3-36IN.	.TUBE, SILICON 3/8" ID X 36"	1
16	20.0304	.HOSE, 1/4X20.50 SAE 100R17 AR	1
17	20.0303	.HOSE, 1/4X58.00 SAE 100R17 AR	1
18	20.0303	.HOSE, 1/4X58.00 SAE 100R17 AR	1
19	20.0303	.HOSE, 1/4X58.00 SAE 100R17 AR	1
20	20.0302	.HOSE, 1/4X48.00 SAE 100R17 AR	1
21	23.0156	.CYLINDER, 2-1/4" X 7" LIFT	1
22	23.0145	.CYLINDER, 1-3/4" X 8 STEERING	1
23	23.0113	.VALVE, STEERING-DANFOSS 100CC.....	1
24	23.0111-1	.VALVE, HY 2 SPL W/LH FLT,RH SP	1
25	23.0106	.COUPLER, QUICK FEMALE 1/4.....	2
26	21.0121	.COOLER, HYDRAULIC	1
27	13.0239	.SWITCH, TEMPERATURE	1
28	21.0124	.FILTER, HYD. 10 MICRON CEL.....	1
29	21.0123	.FILTER, HEAD 06 ORB	1
30	47.0315	.TANK, OIL	1
31	47.0319	.CAP, COOLANT RECOVERY TANK.....	1
32	21.0080	.PUMP, HYDRAULIC	1
33	21.0122	.FILTER, HYD. 25 MICRON SYN.....	1
34	21.0119	.FILTER, HEAD -10 ORB PORTS	1
35	21.0081**	.MOTOR, HYD. SUNDSTRAND	1
36	13.0254	.SWITCH, TEMP -08 SAE ORB	1
37	23.0159	.VALVE, CHECK VONBERG	1
38	21.0081**	.MOTOR, HYD. SUNDSTRAND	1
39	20.0301	.HOSE, 3/8X20.00 SAE 100R17 AR	1
40	22.0059	.HOSE, 1/2X17.00 PLK 250PSI CPE	1

**When replacing the front motor, the shaft seal must be removed.

When replacing the rear motor, the shaft seal MUST NOT be removed.

HYDRAULICS, AXLES, & WHEELS

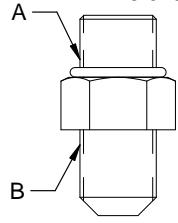
O-Ring Chart

Straight Thread O-Ring Boss - O-Ring Replacement Part Numbers						
SAE Fitting Size	Thread Size	VPI Part #	ID	OD	Width	AS568A Dash #
-04	7/16-20	26.0035	0.351"	0.495"	0.072"	904
-06	9/16-18	26.0036	0.468"	0.624"	0.078"	906
-08	3/4-16	26.0037	0.644"	0.818"	0.087"	908
-10	7/8-14	26.0038	0.755"	0.949"	0.097"	910
-12	1-1/16-12	26.0039	0.924"	1.156"	0.116"	912
-16	1-5/16-12	26.0043	1.171"	1.403"	0.116"	916

O-Ring Face Seal Hose - O-Ring Replacement Part Numbers						
SAE Fitting Size	Thread Size	VPI Part #	ID	OD	Width	AS568A Dash #
-04	9/16-18	26.0044	0.301"	0.441"	0.070"	011
-06	11/16-16	26.0025	0.364"	0.504"	0.070"	012
-08	13/16-16	26.0009	0.489"	0.629"	0.070"	014
-10	1-14	26.0023	0.614"	0.754"	0.070"	016
-12	1-3/16-12	26.0045	0.739"	0.879"	0.070"	018
-16	1-7/16-12	26.0046	0.926"	1.066"	0.070"	021

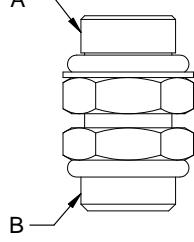
Fitting Chart

25.6400-(xx)-(xx) Fitting



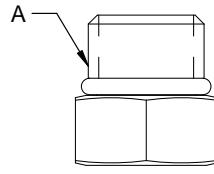
Fitting End A			O-Ring		Fitting End B			O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #		SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	
-04	7/16-20	904	26.0035		-04	7/16-20	-	-	
-06	9/16-18	906	26.0036		-06	9/16-18	-	-	
-08	3/4-16	908	26.0037		-08	3/4-16	-	-	
-10	7/8-14	910	26.0038		-10	7/8-14	-	-	
-12	1-1/16-12	912	26.0039		-12	1-1/16-12	-	-	
-16	1-5/16-12	916	26.0043		-16	1-5/16-12	-	-	

25.6407-(xx)-(xx) Fitting



Fitting End A			O-Ring		Fitting End B			O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #		SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	
-04	7/16-20	904	26.0035		-04	7/16-20	904	26.0035	
-06	9/16-18	906	26.0036		-06	9/16-18	906	26.0036	
-08	3/4-16	908	26.0037		-08	3/4-16	908	26.0037	
-10	7/8-14	910	26.0038		-10	7/8-14	910	26.0038	
-12	1-1/16-12	912	26.0039		-12	1-1/16-12	912	26.0039	
-16	1-5/16-12	916	26.0043		-16	1-5/16-12	916	26.0043	

25.6408-(xx) Plug

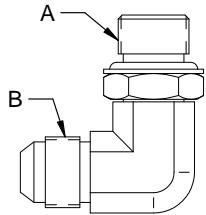


Fitting End A			O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	
-04	7/16-20	904	26.0035	
-06	9/16-18	906	26.0036	
-08	3/4-16	908	26.0037	
-10	7/8-14	910	26.0038	
-12	1-1/16-12	912	26.0039	
-16	1-5/16-12	916	26.0043	

HYDRAULICS, AXLES, & WHEELS

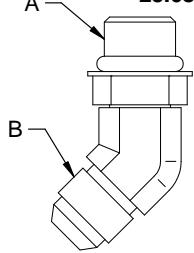
Fitting Chart

25.6801-(xx)-(xx) Fitting



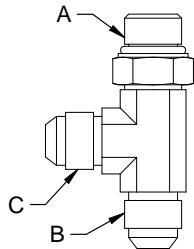
Fitting End A		O-Ring		Fitting End B		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	7/16-20	904	26.0035	-04	7/16-20	-	-
-06	9/16-18	906	26.0036	-06	9/16-18	-	-
-08	3/4-16	908	26.0037	-08	3/4-16	-	-
-10	7/8-14	910	26.0038	-10	7/8-14	-	-
-12	1-1/16-12	912	26.0039	-12	1-1/16-12	-	-
-16	1-5/16-12	916	26.0043	-16	1-5/16-12	-	-

25.6802-(xx)-(xx) Fitting



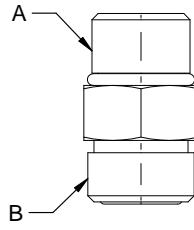
Fitting End A		O-Ring		Fitting End B		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	7/16-20	904	26.0035	-04	7/16-20	-	-
-06	9/16-18	906	26.0036	-06	9/16-18	-	-
-08	3/4-16	908	26.0037	-08	3/4-16	-	-
-10	7/8-14	910	26.0038	-10	7/8-14	-	-
-12	1-1/16-12	912	26.0039	-12	1-1/16-12	-	-
-16	1-5/16-12	916	26.0043	-16	1-5/16-12	-	-

25.6804-(x)-(x)-(x) Fitting



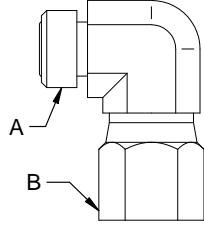
Fitting End A		O-Ring		Fitting End B & C		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	7/16-20	904	26.0035	-04	7/16-20	-	-
-06	9/16-18	906	26.0036	-06	9/16-18	-	-
-08	3/4-16	908	26.0037	-08	3/4-16	-	-
-10	7/8-14	910	26.0038	-10	7/8-14	-	-
-12	1-1/16-12	912	26.0039	-12	1-1/16-12	-	-
-16	1-5/16-12	916	26.0043	-16	1-5/16-12	-	-

25.FF6400-(xx)-(xx) Fitting



Fitting End A		O-Ring		Fitting End B		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	7/16-20	904	26.0035	-04	9/16-18	011	26.0044
-06	9/16-18	906	26.0036	-06	11/16-16	012	26.0025
-08	3/4-16	908	26.0037	-08	13/16-16	014	26.0009
-10	7/8-14	910	26.0038	-10	1-14	016	26.0023
-12	1-1/16-12	912	26.0039	-12	1-3/16-12	018	26.0045
-16	1-5/16-12	916	26.0043	-16	1-7/16-12	021	26.0046

25.FF6500-(xx)-(xx) Fitting

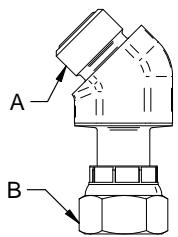


Fitting End A		O-Ring		Fitting End B		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	9/16-18	011	26.0044	-04	9/16-18	-	-
-06	11/16-16	012	26.0025	-06	11/16-16	-	-
-08	13/16-16	014	26.0009	-08	13/16-16	-	-
-10	1-14	016	26.0023	-10	1-14	-	-
-12	1-3/16-12	018	26.0045	-12	1-3/16-12	-	-
-16	1-7/16-12	021	26.0046	-16	1-7/16-12	-	-

HYDRAULICS, AXLES, & WHEELS

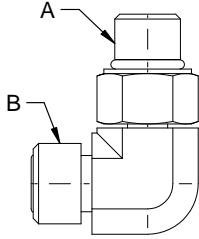
Fitting Chart

25.FF6502-(xx)-(xx) Fitting



Fitting End A		O-Ring		Fitting End B		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	9/16-18	011	26.0044	-04	9/16-18	-	-
-06	11/16-16	012	26.0025	-06	11/16-16	-	-
-08	13/16-16	014	26.0009	-08	13/16-16	-	-
-10	1-14	016	26.0023	-10	1-14	-	-
-12	1-3/16-12	018	26.0045	-12	1-3/16-12	-	-
-16	1-7/16-12	021	26.0046	-16	1-7/16-12	-	-

25.FF6801-(xx)-(xx) Fitting



Fitting End A		O-Ring		Fitting End B		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	7/16-20	904	26.0035	-04	9/16-18	011	26.0044
-06	9/16-18	906	26.0036	-06	11/16-16	012	26.0025
-08	3/4-16	908	26.0037	-08	13/16-16	014	26.0009
-10	7/8-14	910	26.0038	-10	1-14	016	26.0023
-12	1-1/16-12	912	26.0039	-12	1-3/16-12	018	26.0045
-16	1-5/16-12	916	26.0043	-16	1-7/16-12	021	26.0046

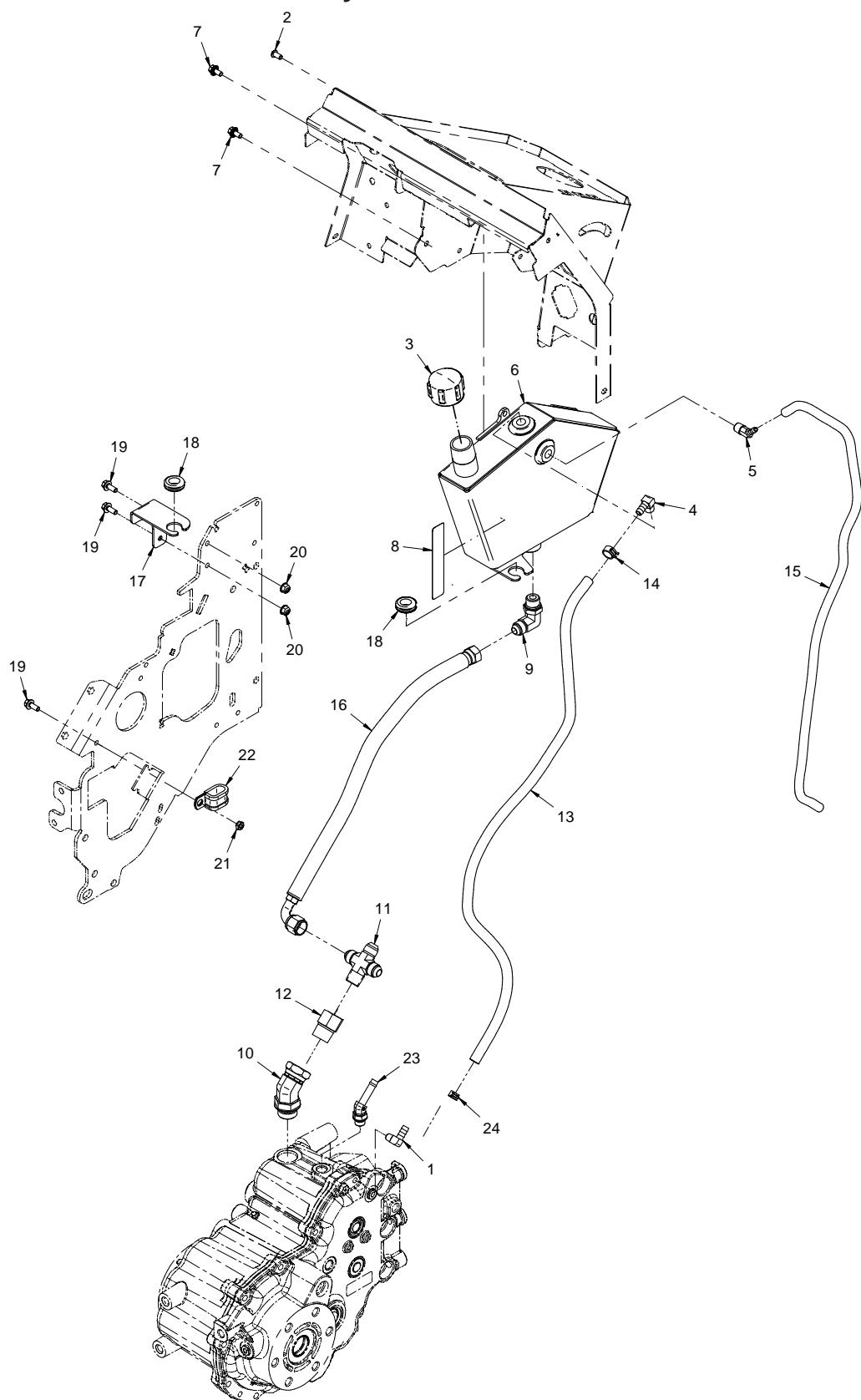
HYDRAULICS, AXLES, & WHEELS

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HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING

Hydraulic Oil Tank



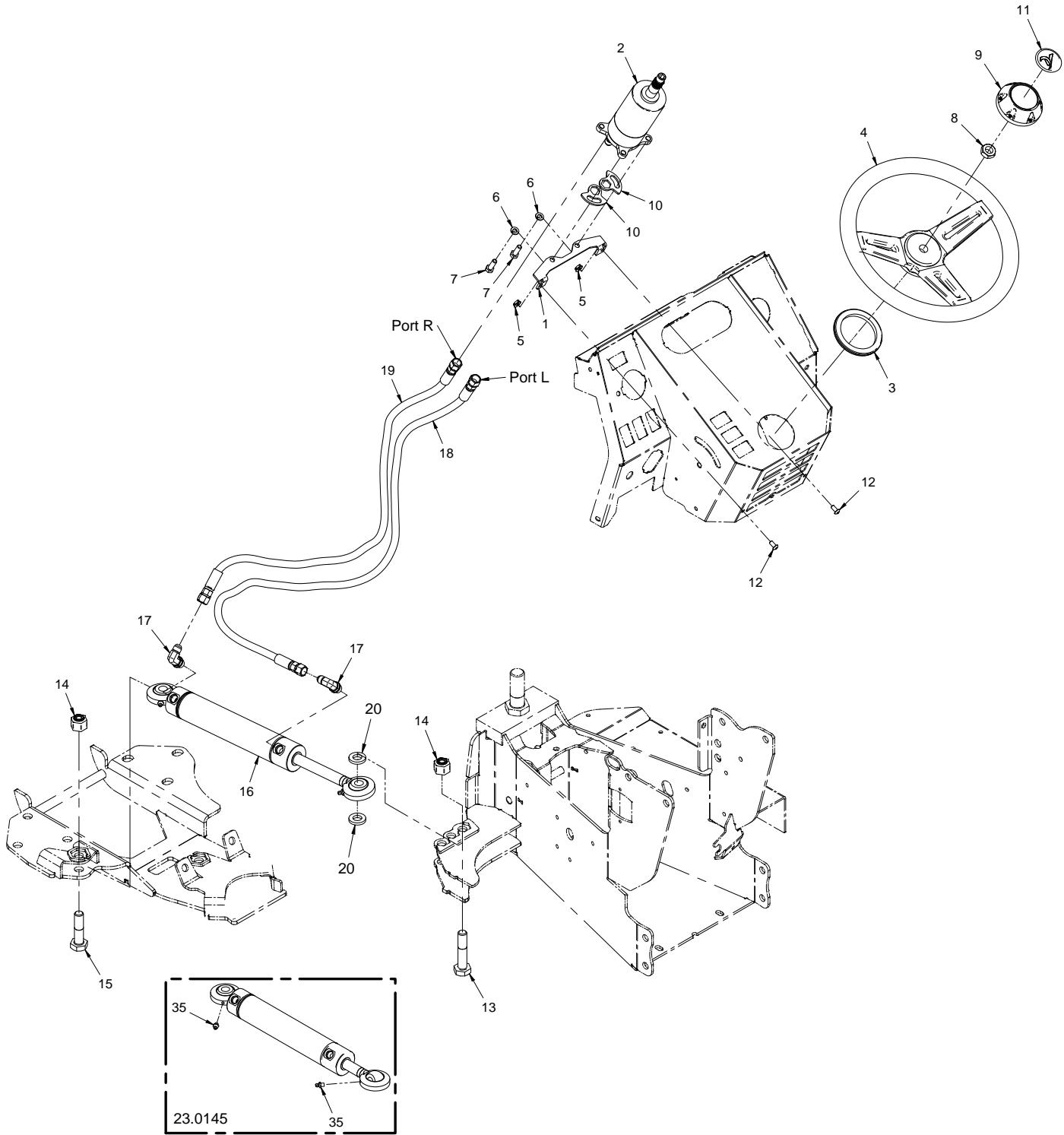
HYDRAULICS, AXLES, & WHEELS

Hydraulic Oil Tank

REF.	PART NO.	DESCRIPTION	QTY.
1	29.BF06MP0290-1	FITTING, 3/8 BARB X 1/8 MP 90 (Serial # 01001-12728)	1
2	99.0404	BOLT, 1/4-20 X 1/2 BSCS (Serial # 01001-15171)	1
2	99.0403	BOLT, 1/4-20 X 3/8 BSCS (Serial # 15172-)	1
3	47.0319	CAP, COOLANT RECOVERY TANK (Serial # 01001-15171)	1
3	29.0126	FITTING, CAP 1" FP (Serial # 15172-)	1
4	29.BF06MP0490	FITTING, 3/8 BARB X 1/4 MP 90	1
5	29.BF04MP0445	FITTING, 1/4 BARB X 1/4 MP 45	1
6	47.0315	TANK, OIL (Serial # 01001-15171)	1
6	KN-6051	TANK, STEEL HYDRAULIC (Serial # 15172-)	1
7	99.SF0404	BOLT, SRF 1/4-20 X 1/2 (Serial # 01001-15171)	2
7	99.SF0403	BOLT, SRF 1/4-20 X 3/8 (Serial # 15172-)	2
8	00.0340	DECAL, HYDRAULIC OIL	1
9	25.6801-08-08	FITTING, 90 ELBOW LONG 8MBX8MFF	1
10	29.S4512	PIPE, STREET 45 ELBOW 3/4 (Serial # 01001-12728)	1
10	25.6902-12-12	FITTING, 45 MFE 3/4 X 3/4 (Serial # 12729-)	1
11	25.2651-08-08-08-08	FITTING, CROSS 08	1
12	25.5405-12-08	FITTING, REDUCER 3/4 X 1/2	1
13	27.T06-3-36IN	TUBE, SILICON 3/8" ID X 36" (Serial # 01001-15171)	1
13	27.T06-3-33.5IN	TUBE, SILICON 3/8" ID X 33-1/2" (Serial # 15172-)	1
14	11.0048	CLAMP, HOSE BAND 9/16" OD HOSE	1
15	27.F04-30IN	HOSE, FUEL LINE 1/4 X 30"	1
16	22.0052	HOSE, 1/2X22.00 PLK 250PSI CPE	1
17	64.1720	BRACKET, HOSE HOLDER (Serial # 01001-15171)	1
18	05.0140	GROMMET, 5/8 ID, 1-1/8 OD, 3/8T	1
19	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8 (Serial # 01001-15171)	3
19	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8 (Serial # 15172-)	1
20	99.E0101	NUT, LOCKING FLANGE 1/4-20 (Serial # 01001-15171)	2
21	99.SF04	NUT, SRF 1/4-20 USS	1
22	11.0046	CLAMP, CUSHIONED METAL 1/2"	1
23	25.4603-06-06	FITTING, 45 ME 06 HB X 06 MAORB (Serial # 12729-)	1
24	11.0049	CLAMP, HOSE BAND 1/2" OD HOSE	1

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Hydraulic Steering System



HYDRAULICS, AXLES, & WHEELS

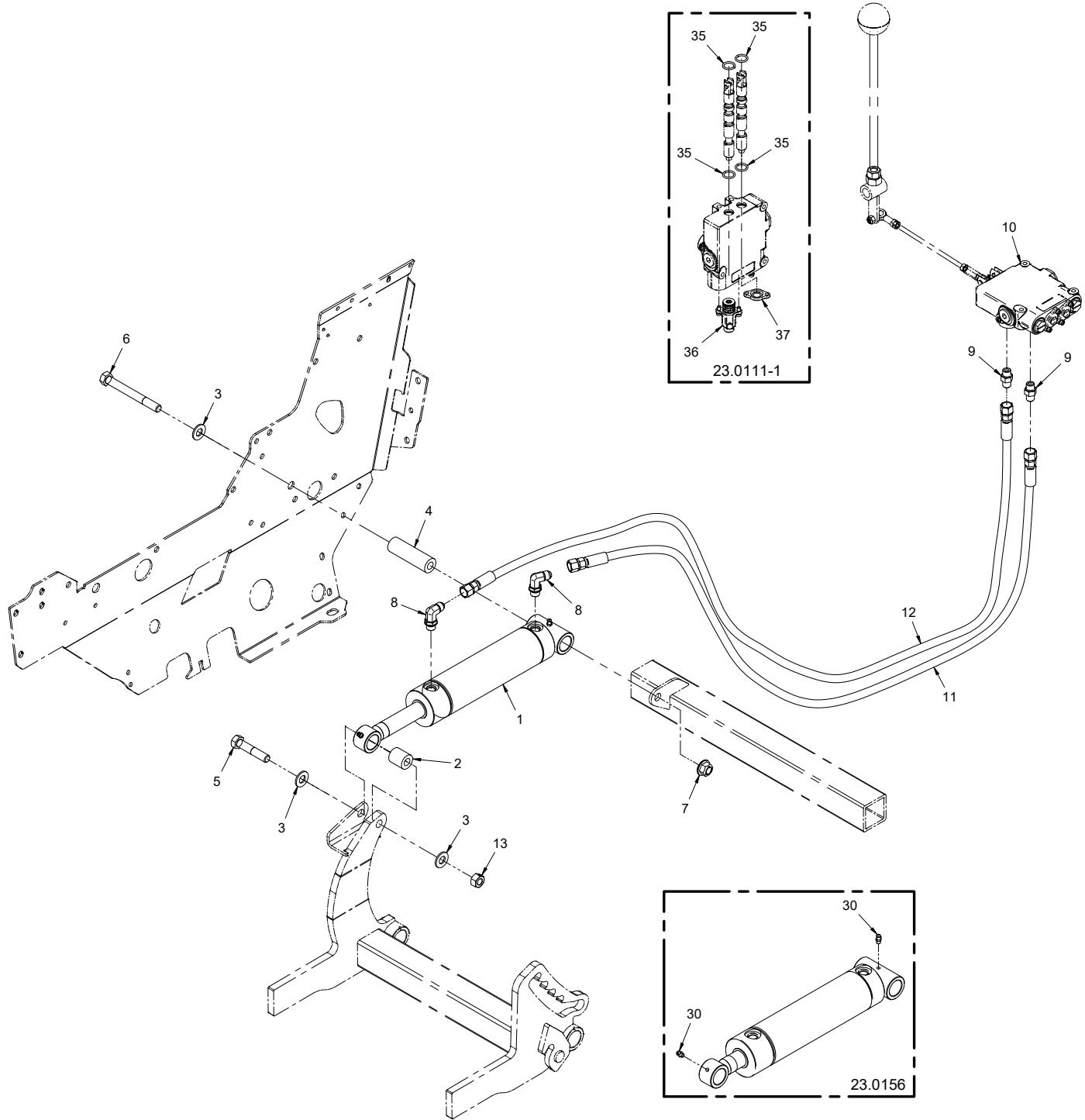
Hydraulic Steering System

REF.	PART NO.	DESCRIPTION	QTY.
1	64.1624	BRACKET, STEERING VALVE MT	1
2	23.0113	VALVE, STEERING-DANFOSS 100CC	1
	89.0095	KIT, SEAL 23.0113 STEER VALVE	1
3	05.0080	GROMMET, 2-3/4 ID, 3-5/8 OD, 5/16T	1
4	47.0117	STEERING WHEEL, 16MM X 40T	1
5	99.SF04	NUT, SRF 1/4-20 USS	2
6	96.05	WASHER, LOCK 5/16	2
7	99.M0009	BOLT, M8 X 1.25 P X 25MM LONG	2
8	99.E0011	NUT, JAM 5/8 SAE	1
9	47.0118	CAP, STEERING WHEEL	1
10	64.1623	PLATE, FITTING LOCK	2
11	00.0207	DECAL, VENTRAC DOME	1
12	99.0404	BOLT, 1/4-20 X 1/2 BSCS	2
13	99.K0132	BOLT, 5/8-11 X 3 GRD A325	1
14	99.E0095	LOCKNUT, 5/8-11 HEAVY NYLON	2
15	99.K0112	BOLT, 5/8-11 X 2-1/2 GRD A325	1
16	23.0145	CYLINDER, 1-3/4" X 8 STEERING	1
17	25.6801-06-06	FITTING, 90 ME 3/8 X 3/8	2
18	20.0122	HOSE, 1/4X43.00 SAE 100R17AR	1
19	20.0136	HOSE, 1/4X36.00 SAE 100R17AR	1
20	64.1725	SPACER, STEERING CYLINDER	2
35	29.GF0001	GREASE FTG, 1/4 SAE ST	2

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING

Front Hitch Hydraulic Lift



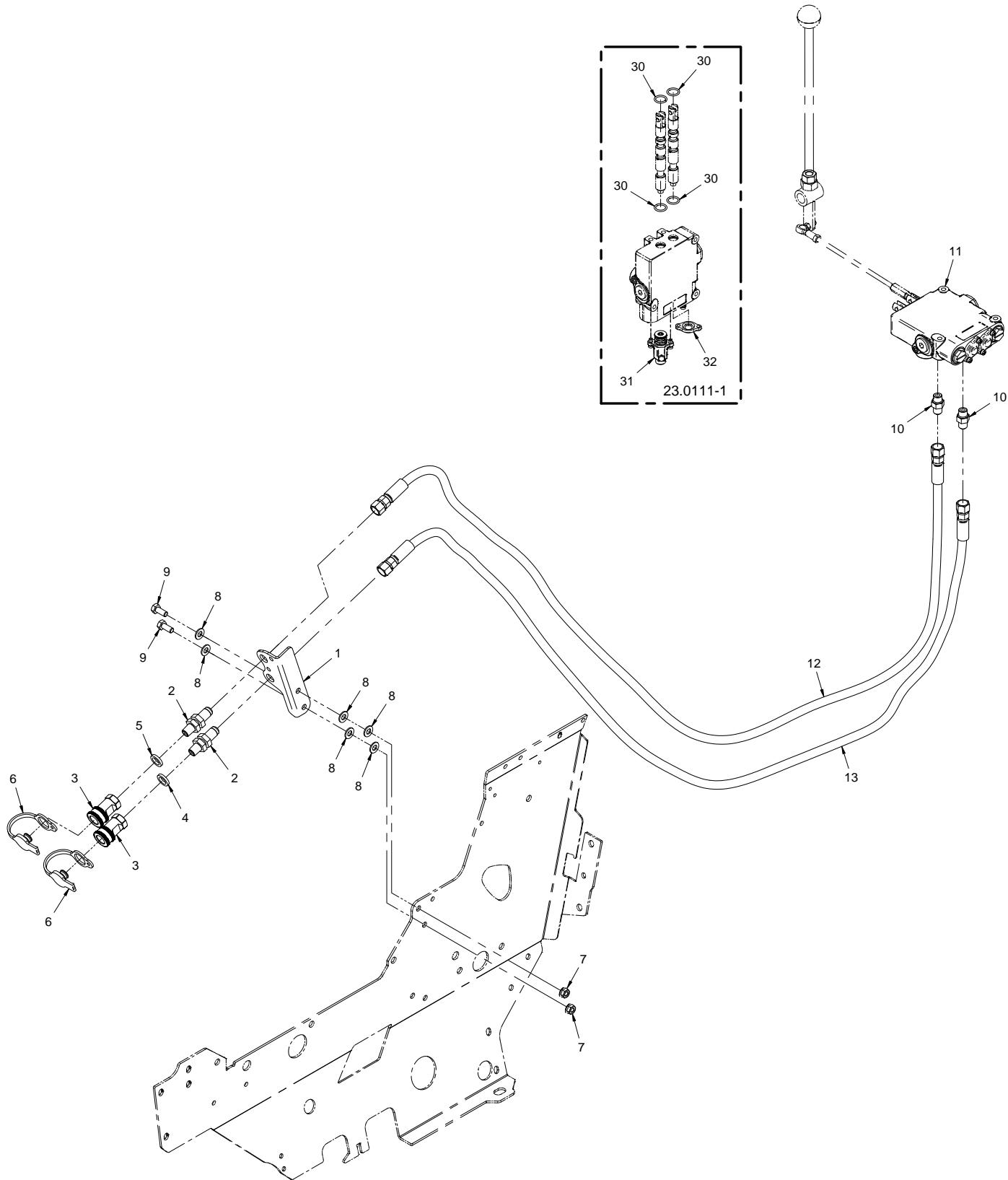
HYDRAULICS, AXLES, & WHEELS

Front Hitch Hydraulic Lift

REF.	PART NO.	DESCRIPTION	QTY.
1	23.0156	CYLINDER, 2-1/4" X 7" LIFT	1
2	64.1712	BUSHING, STEEL .516 X 1.000	1
3	95.08	WASHER, FLAT 1/2 SAE	3
4	64.1631	BUSHING, LIFT CYLINDER REAR	1
5	90.0820	BOLT, 1/2-13 USS X 2-1/2	1
6	90.0836	BOLT, 1/2-13 USS X 4-1/2	1
7	99.E0103	NUT, LOCKING FLANGE 1/2-13	1
8	25.6801-06-06	FITTING, 90 ME 3/8 X 3/8	2
9	25.6400-06-06	FITTING, M CONN 3/8 X 3/8	2
10	23.0111-1	VALVE, HY 2 SPL W/LH FLT, RH SP	1
11	20.0302	HOSE, 1/4X48.00 SAE 100R17 AR	1
12	20.0303	HOSE, 1/4X58.00 SAE 100R17 AR	1
13	99.A08C	LOCKNUT, CENTER 1/2-13	1
30	29.GF0001	GREASE FTG, 1/4 SAE ST	2
35	26.0027	O-RING, 5/8ID X 13/16OD X 3/32	4
36	23.0111-7	KIT, SPOOL FLOAT HYD. VALVE	1
37	23.0111-8	CAP, VALVE	1

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Auxiliary Hydraulic Quick Couplers



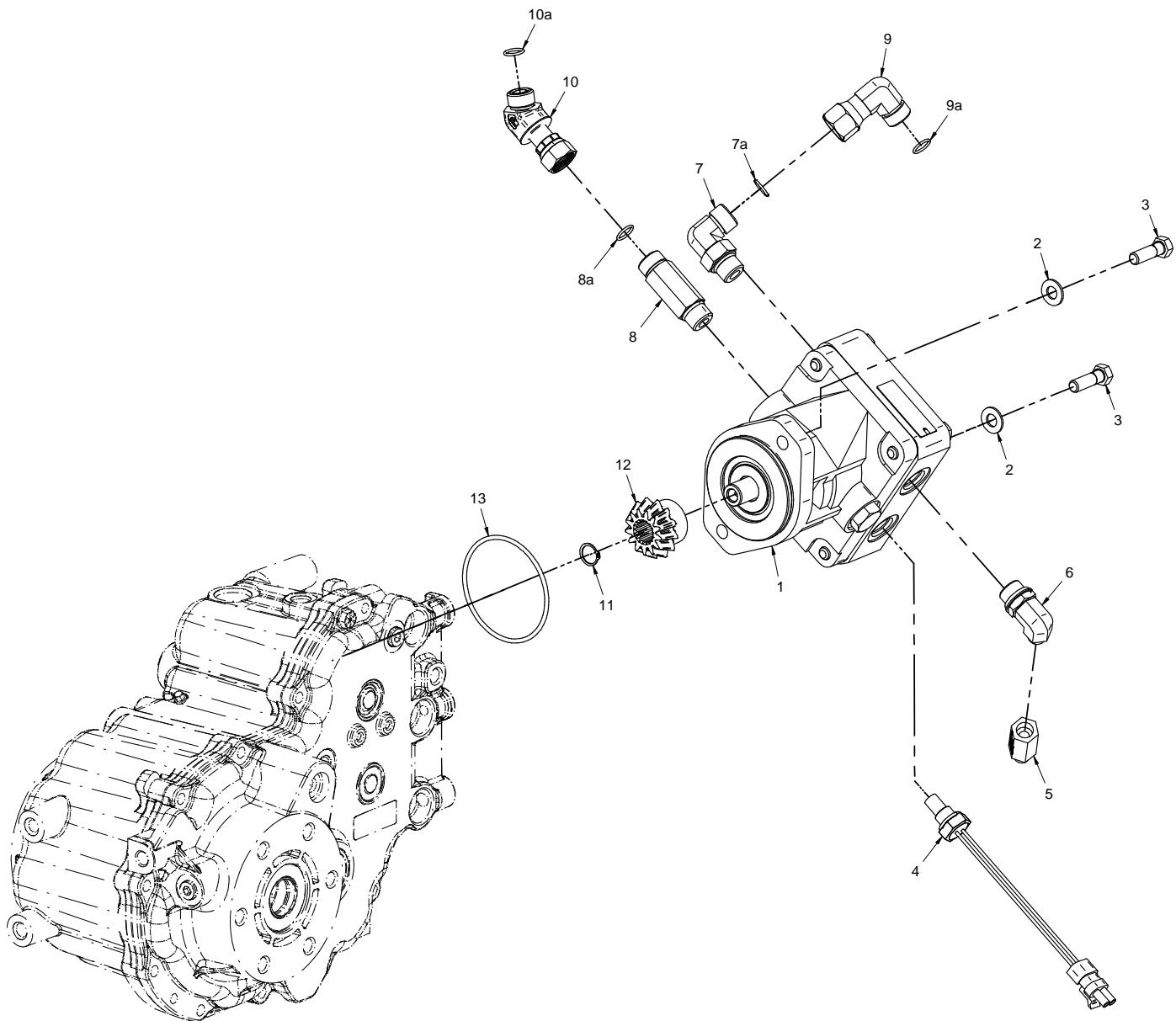
HYDRAULICS, AXLES, & WHEELS

Auxiliary Hydraulic Quick Couplers

REF.	PART NO.	DESCRIPTION	QTY.
1	64.1608	.BRACKET, HYD COUPLER 2 POS.	1
2	25.2706-04-06LN	.FITTING, BULKHEAD W/ LOCKNUT	2
3	23.0106	.COUPLER, HYDRAULIC QUICK - 1/4 FEMALE	2
4	05.0116	.WASHER, .544 ID X .817 X .14 RED	1
5	05.0117	.WASHER, .544 ID X .817 X .14 YEL	1
6	23.0126	.PLUG, DUST FOR 23.0106	2
7	99.SF05	.NUT, SRF 5/16-18 USS	2
8	95.05	.WASHER, FLAT 5/16 SAE	6
9	90.0506	.BOLT, 5/16-18 USS X 3/4"	2
10	25.6400-06-06	.FITTING, M CONN 3/8 X 3/8	2
11	23.0111-1	.VALVE, HY 2 SPL W/LH FLT, RH SP.	1
12	20.0303	.HOSE, 1/4X58.00 SAE 100R17 AR	1
13	20.0303	.HOSE, 1/4X58.00 SAE 100R17 AR	1
30	26.0027	.O-RING, 5/8ID X 13/16OD X 3/32	4
31	23.0111-7	.KIT, SPOOL FLOAT HYD. VALVE	1
32	23.0111-8	.CAP, VALVE	1

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Front Hydraulic Motor Mount & Fittings



HYDRAULICS, AXLES, & WHEELS

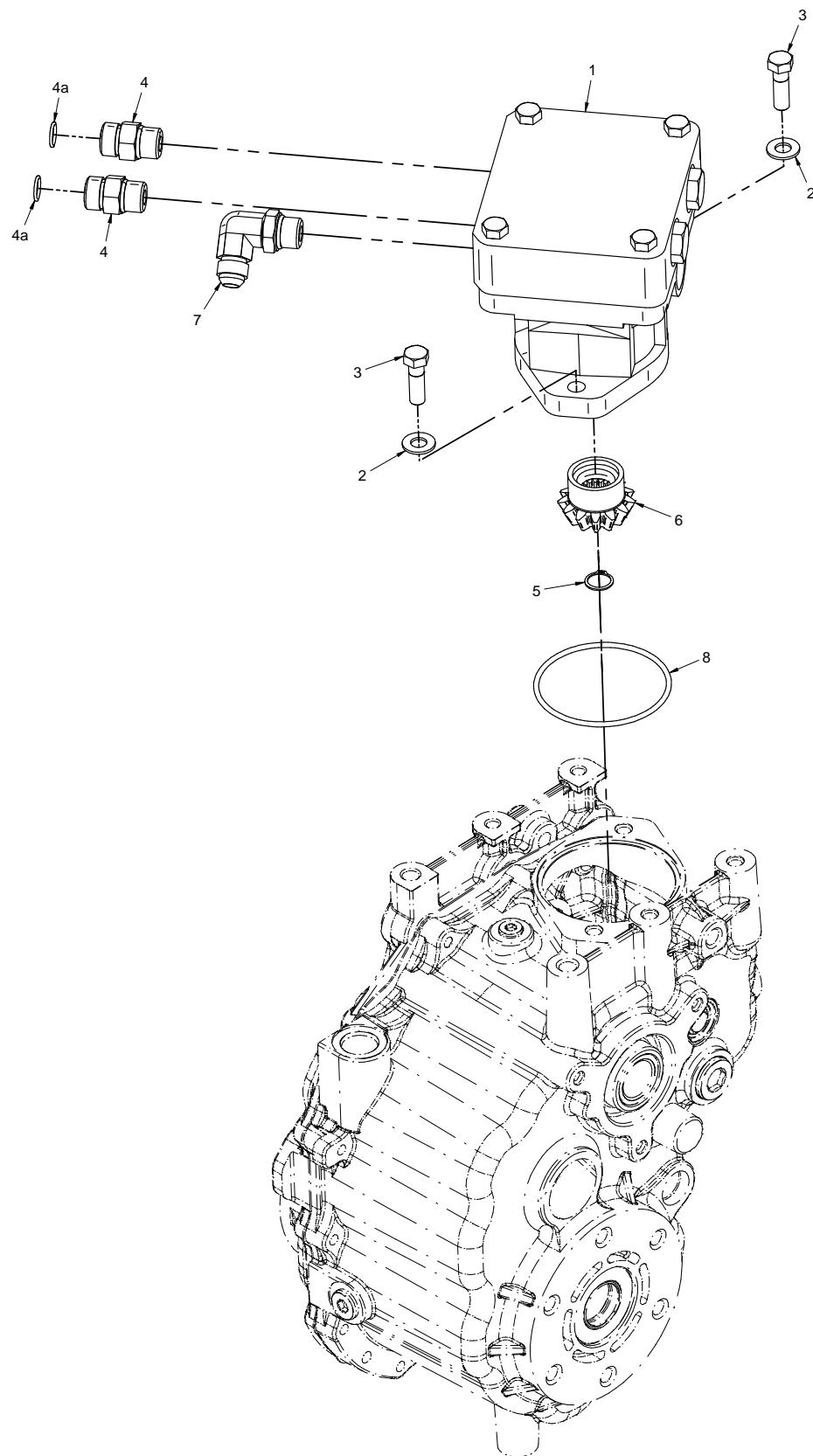
Front Hydraulic Motor Mount & Fittings

REF.	PART NO.	DESCRIPTION	QTY.
1	21.0081*	MOTOR, HYD. SUNDSTRAND	1
2	95.06	WASHER, FLAT 3/8 SAE	2
3	90.0610	BOLT, 3/8-16 USS X 1-1/4	2
4	13.0254	SWITCH, TEMP -08 SAE ORB	1
5	23.0159	VALVE, CHECK VONBERG	1
6	25.6801-06-08	FITTING, 90 ME 3/8 X 1/2	1
7	25.FF6801-08-08-V	FITTING, 90 ELBOW 8MB X 8MFF	1
7a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
8	25.FF6400-L-08-08-V	FITTING, CONNECTOR 8MFF X 8MB	1
8a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
9	25.FF6500-08-08-V	FITTING, 90 ELBOW 8MFF X 8FSX	1
9a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
10	25.FF6502-08-08-V	FITTING, 45 ELBOW 8MFF X 8FFS	1
10a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
11	04.0015	SNAP RING, EXT .039 X .588	1
12	87.0165	GEAR, PINION MOTOR TO AXLE	1
13	26.0024	O-RING, 3-1/8 X 3-3/8 X 1/8 (Serial # 12729-)	1

*When replacing the front motor, the shaft seal MUST be removed.

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Rear Hydraulic Motor Mount & Fittings



HYDRAULICS, AXLES, & WHEELS

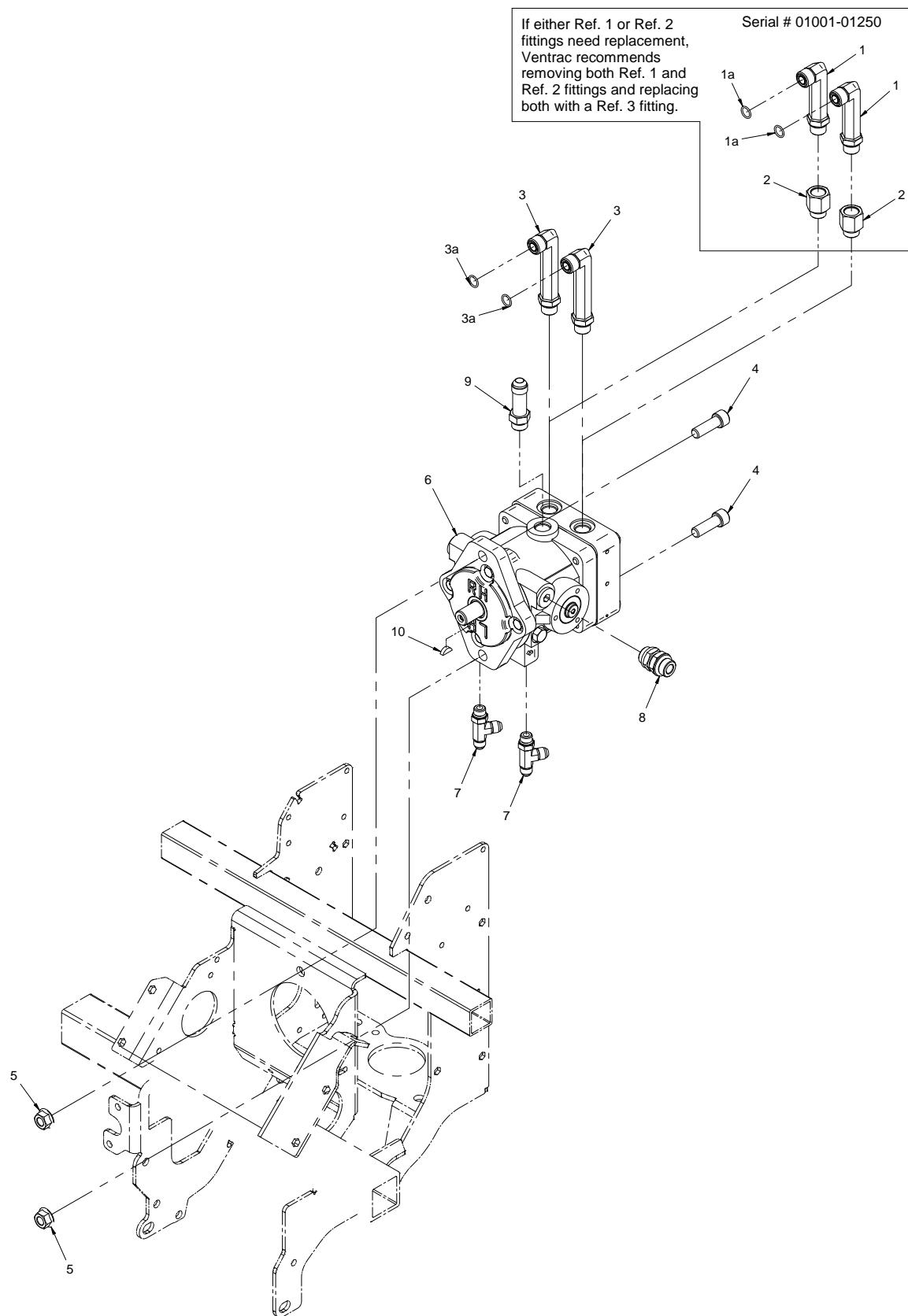
Rear Hydraulic Motor Mount & Fittings

REF.	PART NO.	DESCRIPTION	QTY.
1	21.0081*	MOTOR, HYD. SUNDSTRAND	1
2	95.06	WASHER, FLAT 3/8 SAE	2
3	90.0610	BOLT, 3/8-16 USS X 1-1/4	2
4	25.FF6400-08-08-V	FITTING, CONNECTOR 8MFF X 8MB	2
4a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
5	04.0015	SNAP RING, EXT .039 X .588	1
6	87.0165	GEAR, PINION MOTOR TO AXLE	1
7	25.6801-08-08	FITTING, 90 ELBOW LONG 8MBX8MFF	1
8	26.0024	O-RING, 3-1/8 X 3-3/8 X 1/8 (Serial # 12729-)	1

*When replacing the rear motor, the shaft seal MUST NOT be removed.

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Hydraulic Pump Mount & Fittings



HYDRAULICS, AXLES, & WHEELS

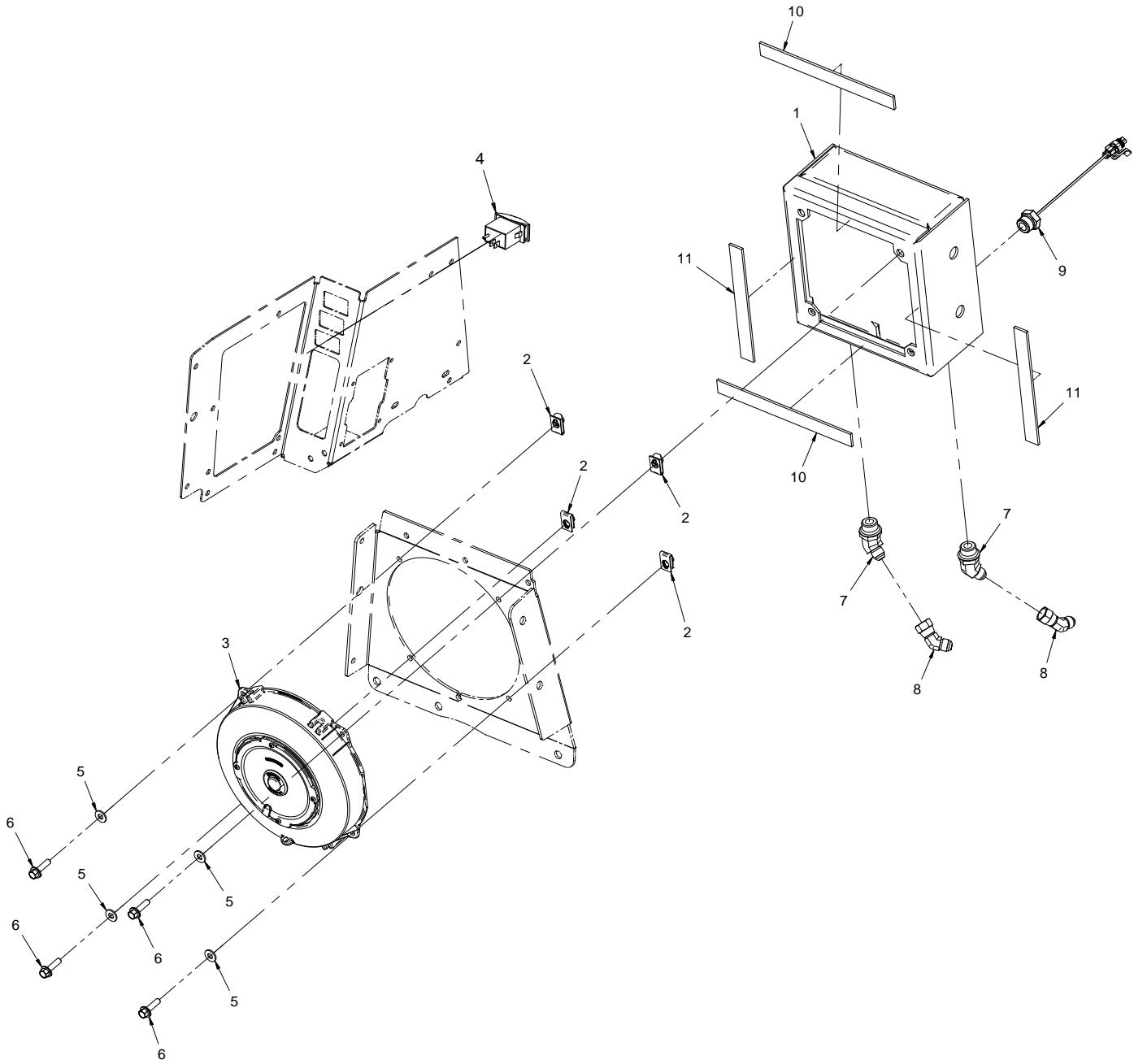
Hydraulic Pump Mount & Fittings

REF.	PART NO.	DESCRIPTION	QTY.
1	25.FF6801-LL-08-08-V	FITTING, 90 LBOW XLONG 8MBX8MFF (Serial # 01001-01250)	2
1a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
2	25.6410-08-08	FITTING, REDUCER 08MB X 08FB (Serial # 01001-01250)	2
3	25.FF6801-4.415-08-08-V	FITTING, 90 LBOW XLNG 8MBX8MFF (Serial # 01251-)	2
3a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
4	99.K0039	BOLT, SHCS 1/2 X 1 1/2	2
5	99.SF08	NUT, SRF 1/2-13 USS	2
6	21.0080	PUMP, HYDRAULIC	1
7	25.6804-6-6-6	FITTING, M TEE 3/8X3/8X3/8	2
8	25.6407-10-10	FITTING, M. ADAPTER -10 X -10	1
9	25.6400-L-08-08	FITTING, CONNECTOR 8MJ X 8MB	1
10	85.W0305	KEY, WOODRUFF 3/16" X 5/8"	1

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING

Hydraulic Oil Cooler & Fan



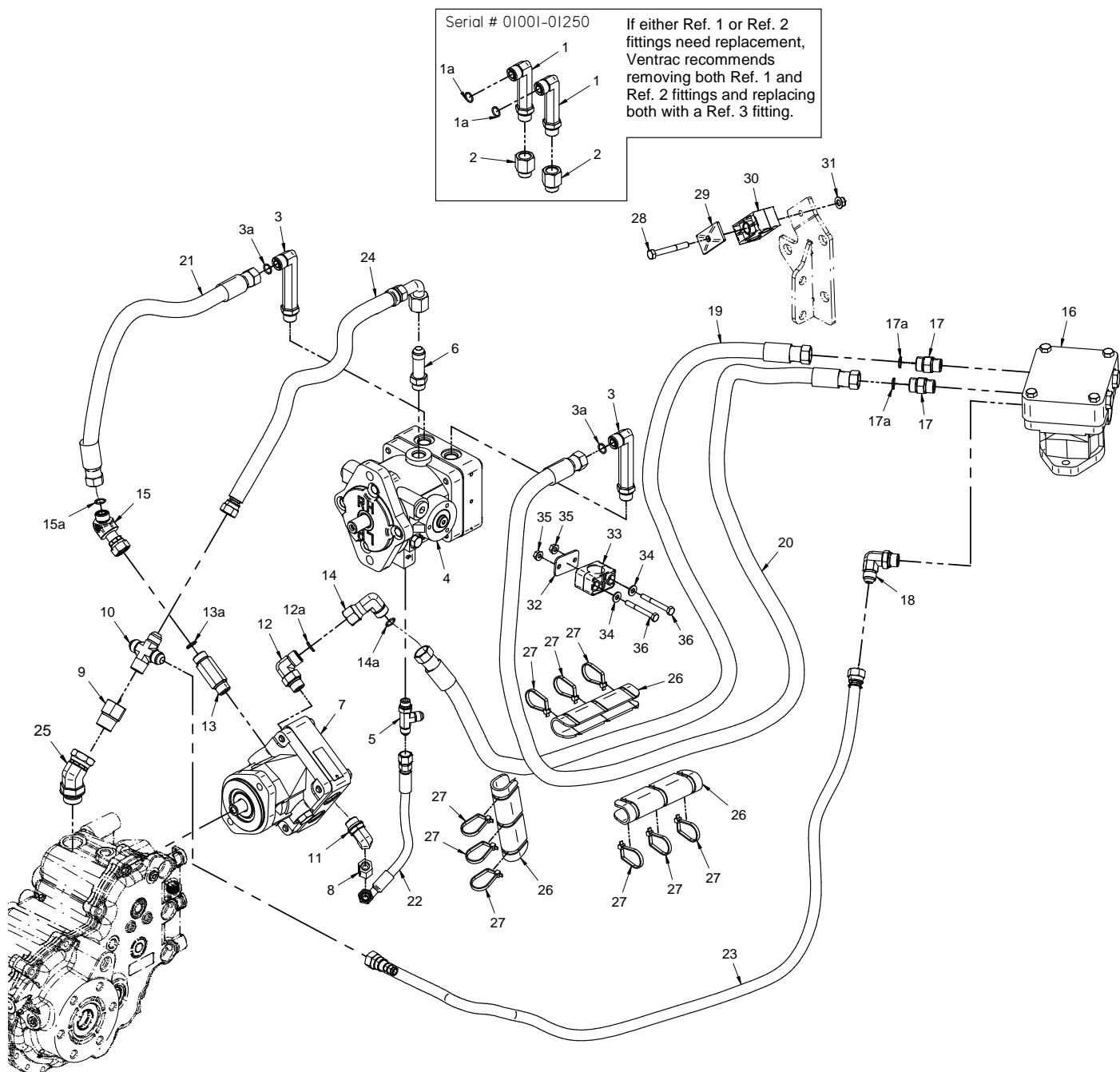
HYDRAULICS, AXLES, & WHEELS

Hydraulic Oil Cooler & Fan

REF.	PART NO.	DESCRIPTION	QTY.
1	21.0121	COOLER, HYDRAULIC	1
2	99.E0046	NUT, "U" 1/4-20 EXTRUDED	4
3	37.0057	FAN, ELECTRIC 7.5"	1
4	31.0053	SWITCH, ROCKER ON/OFF	1
5	95.04	WASHER, FLAT 1/4 SAE	4
6	99.SF0408	BOLT, SRF 1/4 X 1 USS	4
7	25.6802-06-08	FITTING, 45 ME 3/8 X 1/2	2
8	25.6502-06-06	FITTING, 45 MFE 3/8 X 3/8	2
9	13.0239	SWITCH, TEMPERATURE 170F	1
10	06.0045-8IN	WEATHERSTRIP, 1/8 X 3/4 X 8"	2
11	06.0045-6.75IN	WEATHERSTRIP, 1/8 X 3/4 X 6-3/4"	2

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Hydraulic Drive Circuit Hoses



HYDRAULICS, AXLES, & WHEELS

Hydraulic Drive Circuit Hoses

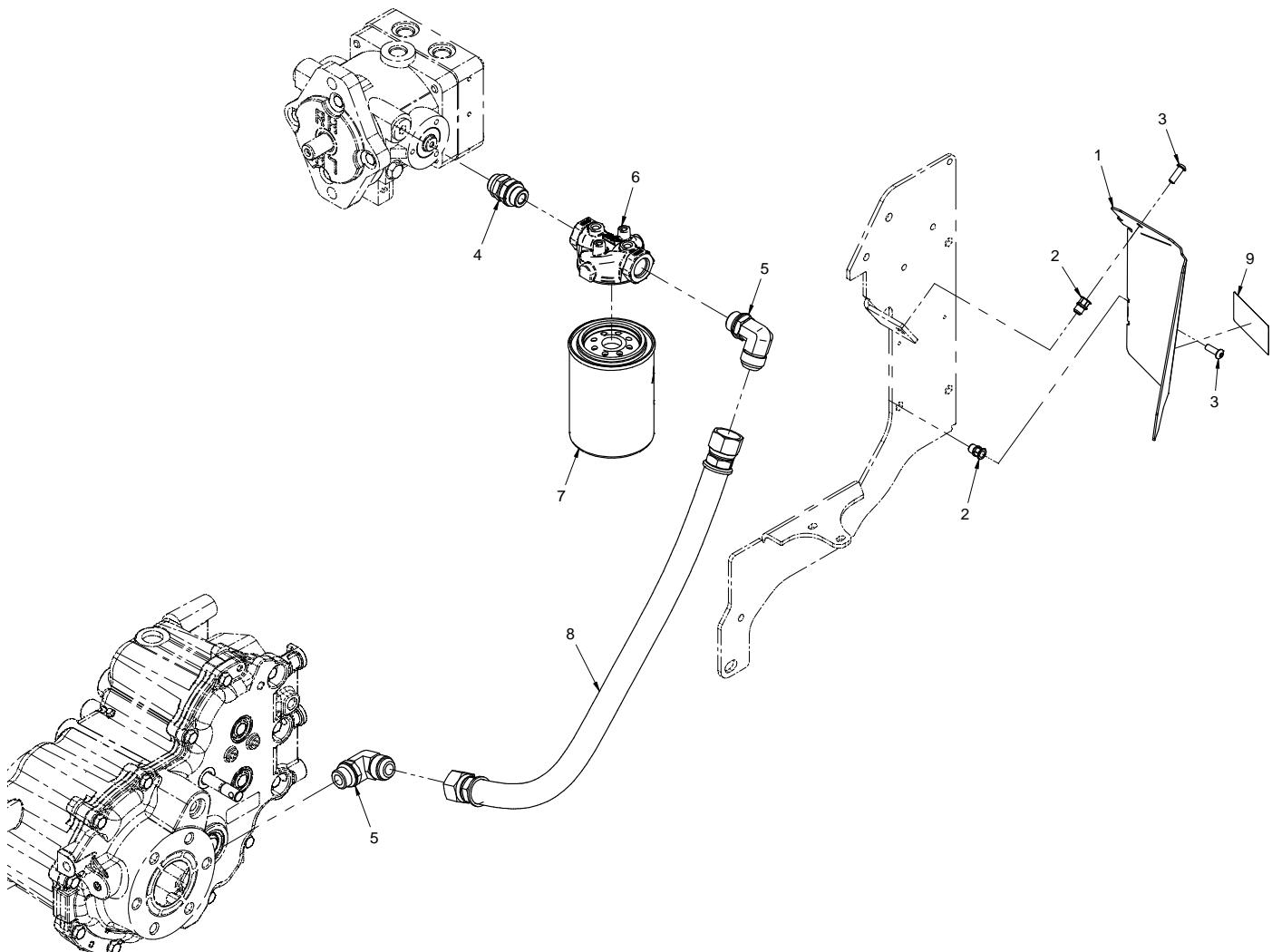
REF.	PART NO.	DESCRIPTION	QTY.
1	25.FF6801-LL-08-08-V	FITTING, 90 LBOW XLONG 8MBX8MFF (Serial # 01001-01250)	2
1a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
2	25.6410-08-08	FITTING, REDUCER 08MB X 08FB (Serial # 01001-01250)	2
3	25.FF6801-4.415-08-08-V	FITTING, 90 LBOW XLNG 8MBX8MFF (Serial # 01251-)	2
3a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
4	21.0080	PUMP, HYDRAULIC	1
5	25.6804-6-6-6	FITTING, M TEE 3/8X3/8X3/8	1
6	25.6400-L-08-08	FITTING, CONNECTOR 8MJ X 8MB	1
7	21.0081*	MOTOR, HYD. SUNDSTRAND	1
8	23.0159	VALVE, CHECK VONBERG	1
9	25.5405-12-08	FITTING, REDUCER 3/4 X 1/2	1
10	25.2651-08-08-08-08	FITTING, CROSS 08	1
11	25.6801-06-08	FITTING, 90 ME 3/8 X 1/2	1
12	25.FF6801-08-08-V	FITTING, 90 ELBOW 8MB X 8MFF	1
12a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
13	25.FF6400-L-08-08-V	FITTING, CONNECTOR 8MFF X 8MB	1
13a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
14	25.FF6500-08-08-V	FITTING, 90 ELBOW 8MFF X 8FSX	1
14a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
15	25.FF6502-08-08-V	FITTING, 45 ELBOW 8MFF X 8FFS	1
15a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
16	21.0081*	MOTOR, HYD. SUNDSTRAND	1
17	25.FF6400-08-08-V	FITTING, CONNECTOR 8MFF X 8MB	2
17a	26.0009	O-RING, -014 FOR MORF-08 VITON	1
18	25.6801-08-08	FITTING, 90 ELBOW LONG 8MBX8MFF	1
19	20.0295	HOSE, 1/2X55.00 SS BRAID PTFE	1
20	20.0296	HOSE, 1/2X74.50 SS BRAID PTFE	1
21	20.0297	HOSE, 1/2X18.38 SS BRAID PTFE	1
22	20.0304	HOSE 1/4X20.50 SAE 100R17 AR	1
23	22.0058	HOSE, 3/8X54.00 PLK 250PSI CPE	1
24	22.0059	HOSE, 1/2X17.00 PLK 250PSI CPE	1
25	29.S4512	PIPE, STREET 45 ELBOW 3/4 (Serial # 01001-12728)	1
25	25.6902-12-12	FITTING, 45 MFE 3/4 X 3/4 (Serial # 12729-)	1
26	44.0224	SLEEVE, HOSE PROTECTOR 6"	3
27	30.0204	TYTON TIE, #50 .190 X 12"	9
28	90.0520	BOLT, 5/16-18 USS X 2-1/2"	1
29	44.0249	COVER PLATE, 3D GROUP	1
30	44.0248	CLAMP, HYD HOSE 21.3MM ID BLACK	1
31	99.E0102	NUT, LOCKING FLANGE 5/16-18	1
32	44.0321	COVER PLATE, GROUP 3 (1)	1
33	44.0320	CLAMP, HYD HOSE 25.4MM ID	1
34	95.04	WASHER, FLAT 1/4 SAE	2
35	99.E0101	NUT, LOCKING FLANGE 1/4-20	2
36	90.0418	BOLT, 1/4-20 USS X 2-1/4"	2

*When replacing the front motor, the shaft seal MUST be removed.

When replacing the rear motor, the shaft seal MUST NOT be removed.

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Pump Supply Line & Main Hydraulic Filter



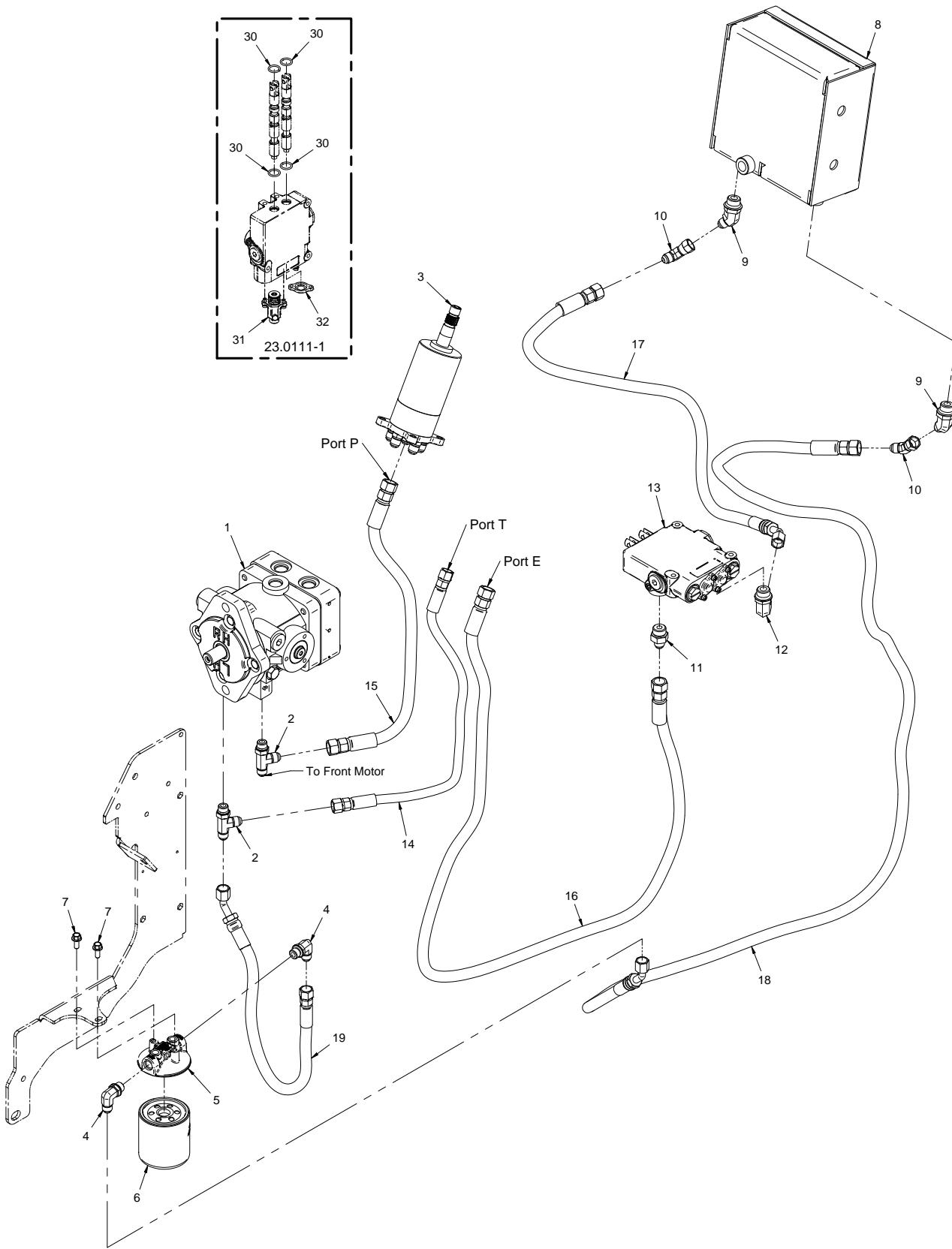
HYDRAULICS, AXLES, & WHEELS

Pump Supply Line & Main Hydraulic Filter

REF.	PART NO.	DESCRIPTION	QTY.
1	60.1154	COVER, HYD FILTER ACCESS	1
2	99.E0105	NUT, INSERT 1/4-20 HEX	2
3	99.0406	BOLT, 1/4-20 X 3/4 BSCS	2
4	25.6407-10-10	FITTING, M. ADAPTER -10 X -10	1
5	25.6801-12-10	FITTING, 90 ME 3/4 X 5/8	2
6	21.0119	FILTER, HEAD -10 ORB PORTS	1
7	21.0122	FILTER, HYD. 25 MICRON SYN	1
8	22.0050	HOSE, 3/4X22.00 PLK 250PSI CPE	1
9	00.0518	DECAL, HYDRAULIC FILTER LOCATION	1

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Hydraulic Implement Circuit Supply & Return



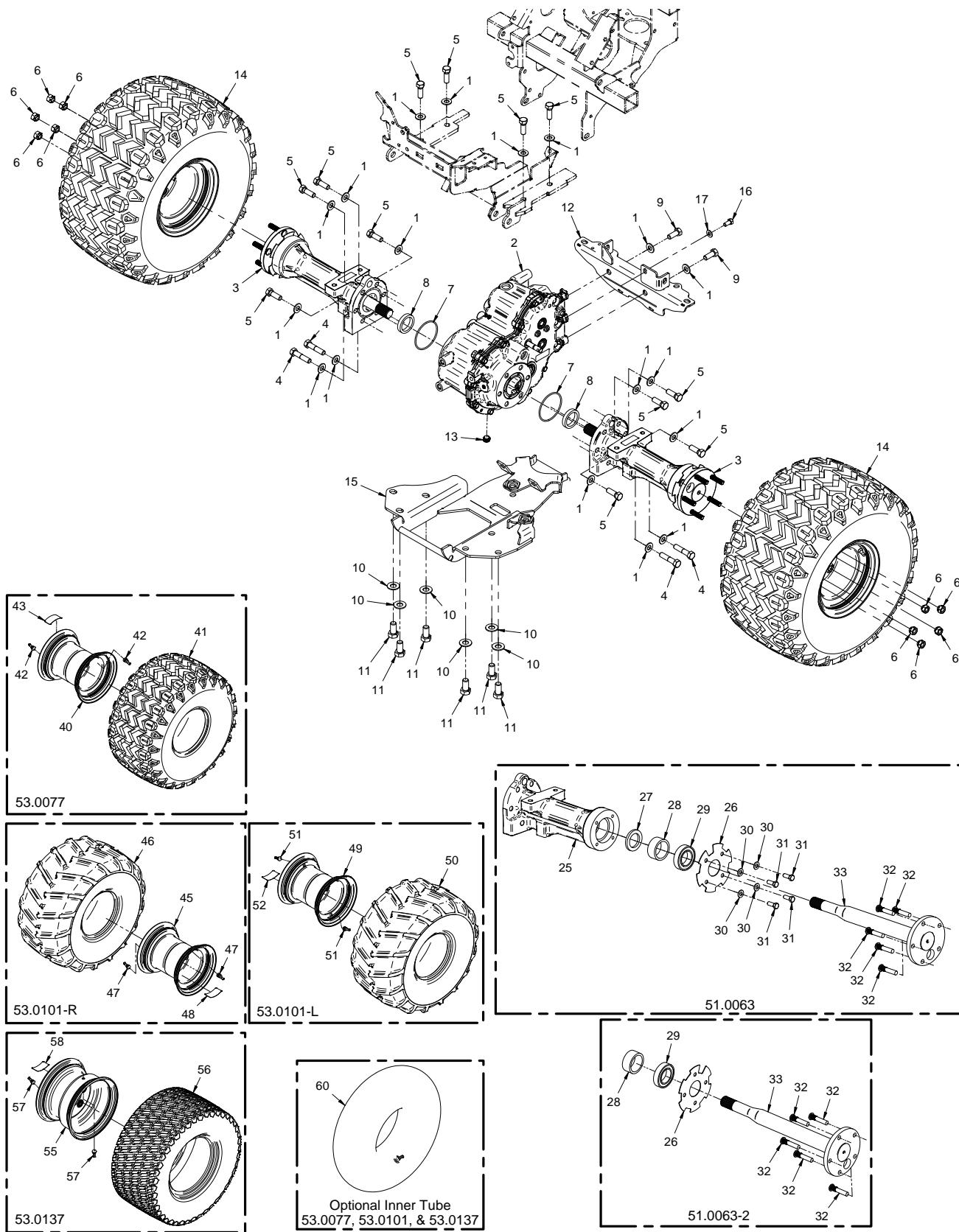
HYDRAULICS, AXLES, & WHEELS

Hydraulic Implement Circuit Supply & Return

REF.	PART NO.	DESCRIPTION	QTY.
1	21.0080	.PUMP, HYDRAULIC	1
2	25.6804-6-6-6	.FITTING, M TEE 3/8X3/8X3/8	2
3	23.0113	.VALVE, STEERING-DANFOSS 100CC.	1
	89.0095	.KIT, SEAL 23.0113 STEER VALVE	1
4	25.6801-06-06	.FITTING, 90 ME 3/8 X 3/8.	2
5	21.0123	.FILTER, HEAD 06 ORB	1
6	21.0124	.FILTER, HYD. 10 MICRON CEL	1
7	99.SF0405-1	.BOLT, SMF 1/4-20 X 5/8	2
8	21.0121	.COOLER, HYDRAULIC	1
9	25.6802-06-08	.FITTING, 45 ME 3/8 X 1/2.	2
10	25.6502-06-06	.FITTING, 45 MFE 3/8 X 3/8	2
11	25.6400-06-08	.FITTING, M CONN 3/8 X 1/2	1
12	25.6801-06-08	.FITTING, 90 ME 3/8 X 1/2.	1
13	23.0111-1	.VALVE, HY 2 SPL W/LH FLT, RH SP	1
14	20.0123	.HOSE, 1/4X19.50 SAE 100R17AR	1
15	20.0155	.HOSE, 3/8X19.00 SAE 100R17AR	1
16	20.0298	.HOSE, 3/8X56.00 SAE 100R17 AR	1
17	20.0299	.HOSE, 3/8X32.00 SAE 100R17 AR	1
18	20.0300	.HOSE, 3/8X69.00 SAE 100R17 AR	1
19	20.0301	.HOSE, 3/8X20.00 SAE 100R17 AR	1
30	26.0027	.O-RING, 5/8ID X 13/16OD X 3/32	4
31	23.0111-7	.KIT, SPOOL FLOAT HYD. VALVE	1
32	23.0111-8	.CAP, VALVE	1

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Front Transaxle & Wheels



HYDRAULICS, AXLES, & WHEELS

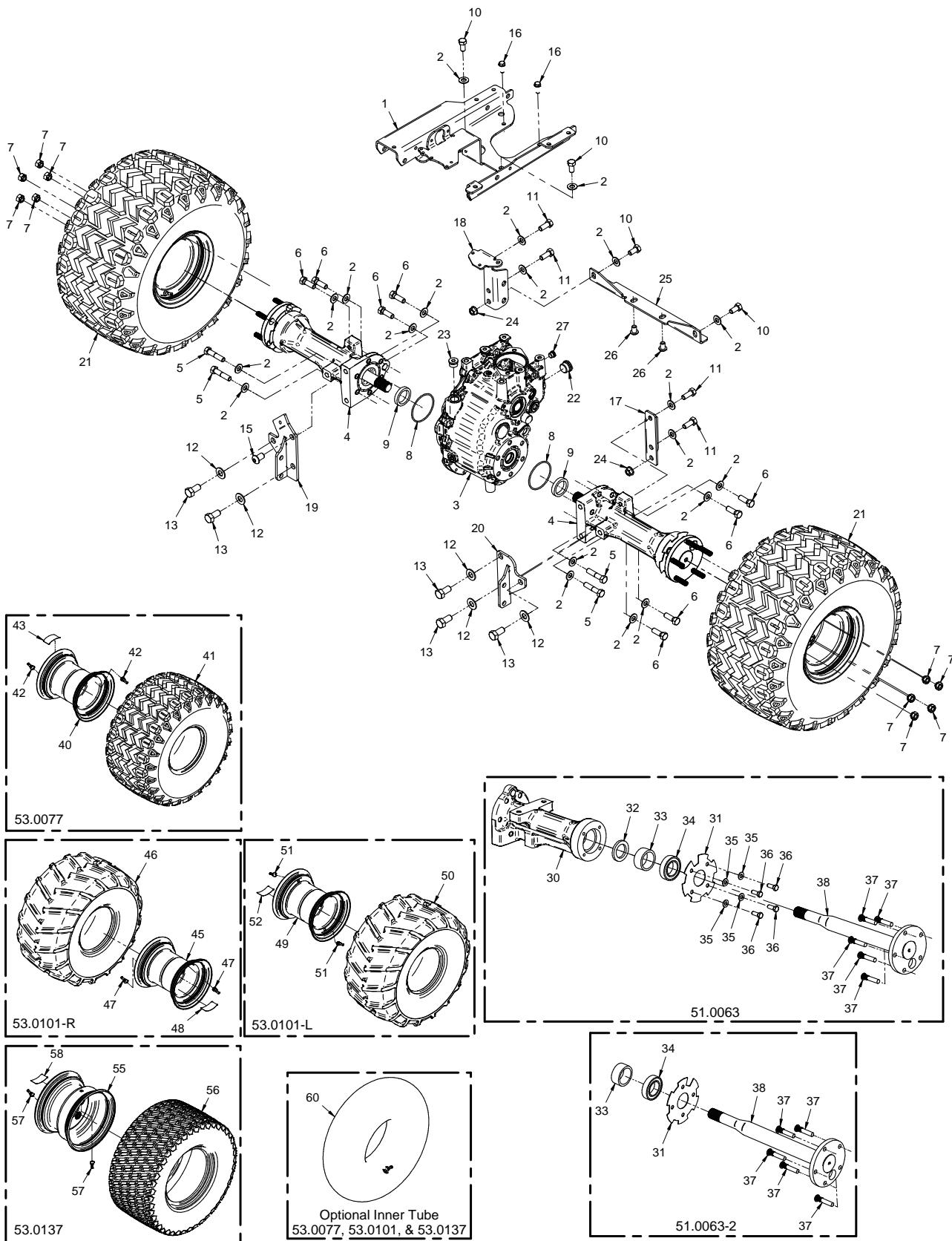
Front Transaxle & Wheels

REF.	PART NO.	DESCRIPTION	QTY.
1	95.08	WASHER, FLAT 1/2 SAE	18
2	51.0020	TRANSAXLE, PEERLESS (Serial # 01001-12728)	1
2	51.0087	TRANSAXLE, PEERLESS (Serial # 12729-)	1
3	51.0063	AXLE, ASM 40MM FORGED SHAFT	2
4	90.0818	BOLT, 1/2-13 USS X 2-1/4	4
5	90.0812	BOLT, 1/2-13 USS X 1-1/2	12
6	99.E0044	NUT, LUG 7/16-20 SAE	10
7	26.0024	O-RING 3-1/8 X 3-3/8 X 1/8	2
8	51.0022	SPACER, AXLE FOR HOUSING ASSY	2
9	90.0810	BOLT, 1/2-13 USS X 1-1/4	2
10	95.10	WASHER, FLAT 5/8 SAE	6
11	90.1010	BOLT, 5/8-11 USS X 1-1/4	6
12	64.1613	BRACKET, CONNECTOR FRAME MT (Serial # 01001-03011)	1
12	64.1863	BRACKET, CONNECTOR FRAME MT (Serial # 03012-)	1
13	29.P06H	PIPE, PLUG 3/8 HEX ZP (Serial # 01001-12728)	1
14	53.0077	WHEEL, ASM 22 X 12 X 8 X 5B	2
15	62.1371	FRAME, CONNECTOR LINK MOUNT	1
16	90.0606	BOLT, 3/8-16 USS X 3/4 (Serial # 03012-)	1
17	95.06	WASHER, FLAT 3/8 SAE (Serial # 03012-)	1
25	51.0063-1	HOUSING, AXLE PEERLESS KT	1
26	51.0063-4	PLATE, COVER PEERLESS AXLE	1
27	89.0074	SEAL, OIL PEERLESS AXLE 51.0063	1
28	51.0063-3	SPACER, AXLE PEERLESS KT	1
29	55.0063	BEARING, AXLE PEERLESS 51.0063	1
30	95.06	WASHER, FLAT 3/8 SAE	4
31	90.0608	BOLT, 3/8-16 USS X 1	4
32	99.K0100	BOLT, WHL/STD 7/16-20 X 2-1/8	5
33	51.0063-2	SHAFT, AXLE ASM PEERLESS	1
40	53.0090	RIM, 8 X 8.5, 5 ON 4.5 BC	1
41	53.0089	TIRE, FIELD 22 X 12 X 8-NO RIM	1
42	53.0139	VALVE STEM	2
43	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
43	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
45	53.0090	RIM, 8 X 8.5, 5 ON 4.5 BC	1
46	53.0114	TIRE, BAR 21X11X8 NO RIM	1
47	53.0139	VALVE STEM	2
48	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
48	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
49	53.0090	RIM, 8 X 8.5, 5 ON 4.5 BC	1
50	53.0114	TIRE, BAR 21X11X8 NO RIM	1
51	53.0139	VALVE STEM	2
52	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
52	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
55	53.0138	RIM, 10 X 7 - 5 ON 4.5 BC	1
56	53.0112	TIRE, TURFMASTR 22X11X10 NO RIM	1
57	53.0139	VALVE STEM	2
58	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
58	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
60	53.0142	TUBE, INNER 22 X 12 X 8	4

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING

Rear Transaxle & Wheels



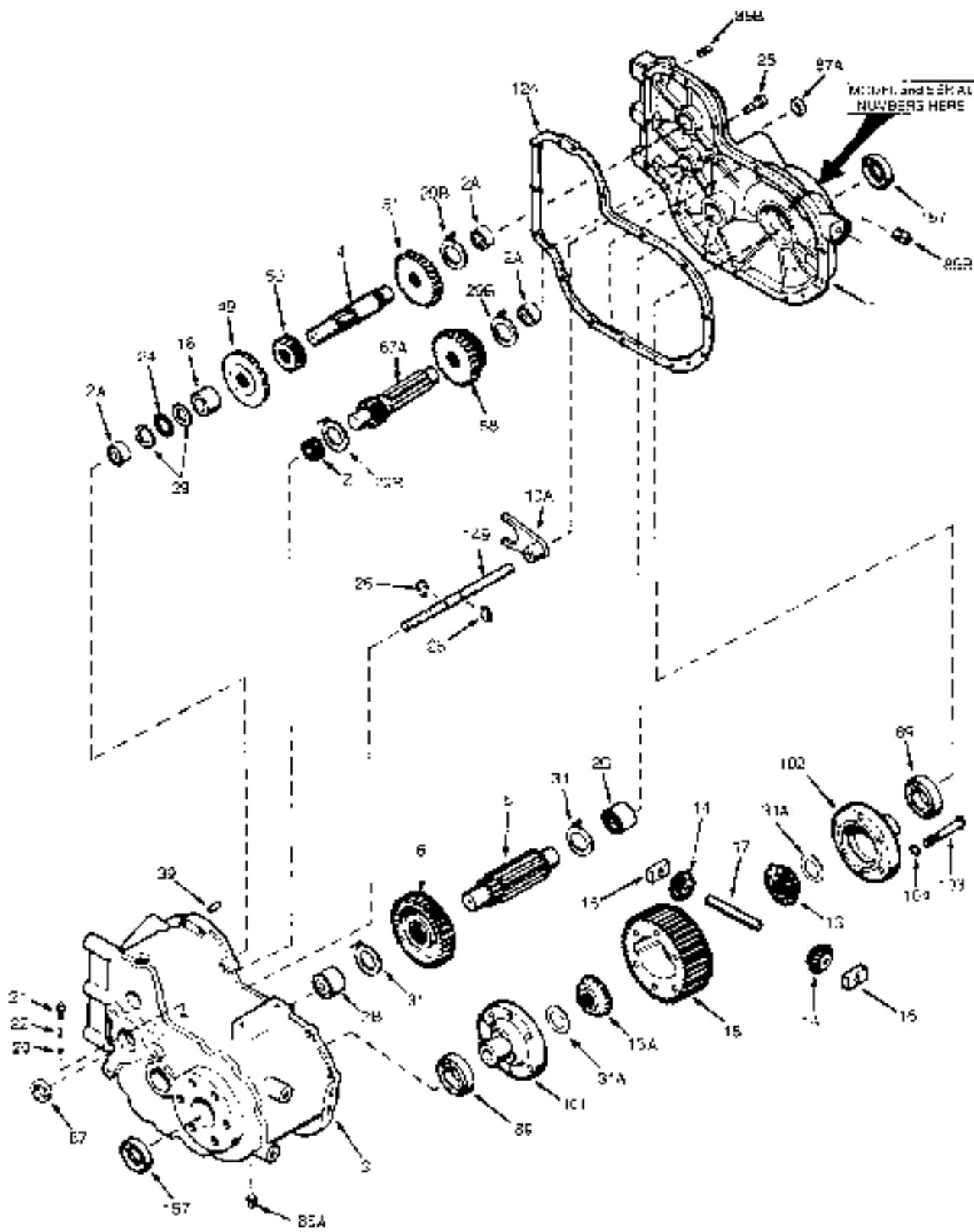
HYDRAULICS, AXLES, & WHEELS

Rear Transaxle & Wheels

REF.	PART NO.	DESCRIPTION	QTY.
1	62.1368	FRAME, REAR UPPER (Serial # 01001-01374)	1
1	62.1394	FRAME, REAR UPPER (Serial # 01375)	1
2	95.08	WASHER, FLAT 1/2 SAE	20
3	51.0020	TRANSAXLE, PEERLESS (Serial # 01001-12728)	1
3	51.0087	TRANSAXLE, PEERLESS (Serial # 12729-)	1
4	51.0063	AXLE, ASM 40MM FORGED SHAFT	2
5	90.0818	BOLT, 1/2-13 USS X 2-1/4	4
6	90.0812	BOLT, 1/2-13 USS X 1 1/2	8
7	99.E0044	NUT, LUG 7/16-20 SAE	10
8	26.0024	O-RING 3-1/8 X 3-3/8 X 1/8	2
9	51.0022	SPACER, AXLE FOR HOUSING ASSY	2
10	90.0808	BOLT, 1/2-13 USS X 1	4
11	90.0810	BOLT, 1/2-13 USS X 1-1/4	4
12	95.10	WASHER, FLAT 5/8 SAE	5
13	90.1010	BOLT, 5/8-11 USS X 1 1/4	5
15	99.1008	BOLT, 5/8-11 X 1 BSCS	1
16	99.SF0608	BOLT, SRF 3/8-16 USS X 1	2
17	64.1592	BRACKET, REAR HITCH MT LEFT (Serial # 01001-02923)	1
17	64.1865	BRACKET, REAR HITCH MT LEFT (Serial # 02924-)	1
18	64.1591	BRACKET, REAR HITCH MT RIGHT (Serial # 01001-02923)	1
18	64.1866	BRACKET, REAR HITCH MT RIGHT (Serial # 02924-)	1
19	64.1595	BRACKET, TRANSAXLE MOUNT RIGHT	1
20	64.1594	BRACKET, TRANSAXLE MOUNT LEFT	1
21	53.0077	WHEEL, ASM 22 X 12 X 8 X 5B	2
22	29.P12G	PIPE, PLUG 3/4" GALV. SQ ZP (Serial # 01001-12728)	1
22	25.6408-H-12	FITTING, PLUG 12MB X HOLLOW ALLEN (Serial # 12729-)	1
23	25.6408-H-10	FITTING, -10 MB X HOLLOW ALLEN	1
24	99.SF08	NUT, SRF 1/2-13 USS (Serial # 02924-)	2
25	64.1864	BRACKET, REAR TRANSAXLE (Serial # 02924-)	1
26	99.0806	BOLT, 1/2-13 X 3/4 BSCS (Serial # 02924-)	2
27	25.6408-H-06	FITTING, PLUG 06MB X HOLLOW ALLEN (Serial # 12729-)	1
30	51.0063-1	HOUSING, AXLE PEERLESS KT	1
31	51.0063-4	PLATE, COVER PEERLESS AXLE	1
32	89.0074	SEAL, OIL PEERLESS AXLE 51.0063	1
33	51.0063-3	SPACER, AXLE PEERLESS KT	1
34	55.0063	BEARING, AXLE PEERLESS 51.0063	1
35	95.06	WASHER, FLAT 3/8 SAE	4
36	90.0608	BOLT, 3/8-16 USS X 1	4
37	99.K0100	BOLT, WHL/STD 7/16-20 X 2-1/8	5
38	51.0063-2	SHAFT, AXLE ASM PEERLESS	1
40	53.0090	RIM, 8 X 8.5, 5 ON 4.5 BC	1
41	53.0089	TIRE, FIELD 22 X 12 X 8-NO RIM	1
42	53.0139	VALVE STEM	2
43	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
43	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
45	53.0090	RIM, 8 X 8.5, 5 ON 4.5 BC	1
46	53.0114	TIRE, BAR 21X11X8 NO RIM	1
47	53.0139	VALVE STEM	2
48	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
48	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
49	53.0090	RIM, 8 X 8.5, 5 ON 4.5 BC	1
50	53.0114	TIRE, BAR 21X11X8 NO RIM	1
51	53.0139	VALVE STEM	2
52	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
52	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
55	53.0138	RIM, 10 X 7 - 5 ON 4.5 BC	1
56	53.0112	TIRE, TURFMASTR 22X11X10 NO RIM	1
57	53.0139	VALVE STEM	2
58	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
58	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
60	53.0142	TUBE, INNER 22 X 12 X 8	4

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Model 2600 Transaxle (51.0020/51.0087)



HYDRAULICS, AXLES, & WHEELS

Model 2600 Transaxle (51.0020/51.0087)

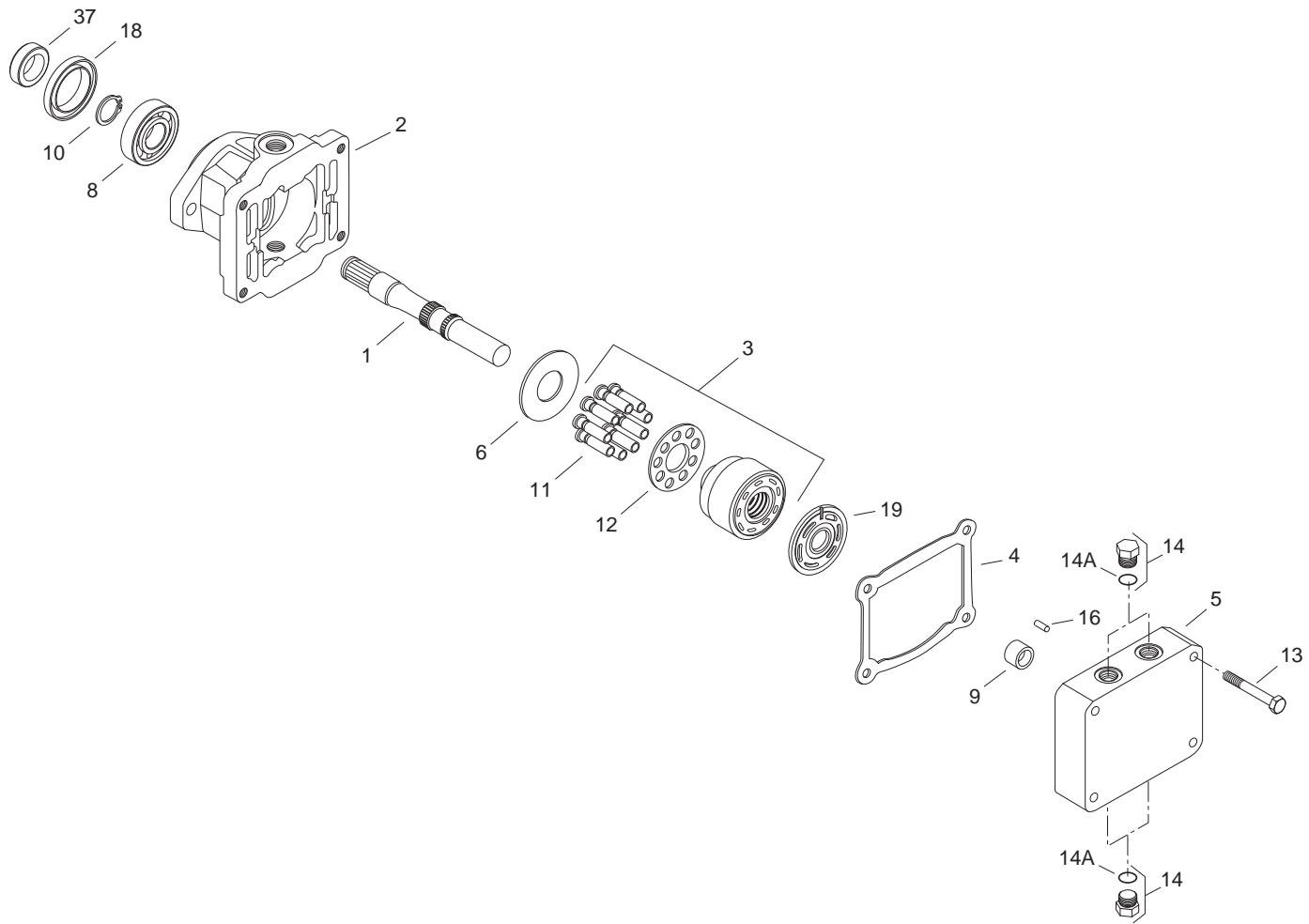
REF.	PART NO.	DESCRIPTION	QTY.
1	51.0026	COVER, 2600 TRANSAXLE (Includes 2A & 2B)* (Serial # 01001-12728)	1
1	51.0088	COVER, 2600 TRANSAXLE (Includes 2A & 2B)* (Serial # 12729-)	1
2	55.0037	BEARING, 2600 NEEDLE 1.000 ID	1
2A	55.0038	BEARING, 2600 NEEDLE 1.000 ID	3
2B	55.0041	BEARING, 2600 NEEDLE 1.250 ID	2
3	51.0025	CASE, 2600 TRANSAXLE (Serial # 01001-12728)	1
3	51.0089	CASE, 2600 TRANSAXLE (Serial # 12729-)	1
10A	51.0030	FORK, 2600 SHIFT	1
13	51.0031	GEAR, 2600 BEVEL	1
13A	51.0031	GEAR, 2600 BEVEL	1
14	51.0033	PINION, 2600 BEVEL	2
24	51.0085	BEARING, THRUST 1.002 ID X .0781W	1
29	51.0084	WASHER, THRUST 1.002 ID X .061W	2
29B	51.0032	WASHER, 2600 THRUST	3
31	51.0082	WASHER, THRUST 1.252 ID X .058W	2
31A	51.0028	WASHER, 2600 THRUST	2
39	51.0029	PIN, DOWEL 2600 5/16 X 3/4	2
85A	29.P06H	PIPE, PLUG 3/8 HEX ZP (Serial # 01001-12728)	1
85A	25.6408-H-06	FITTING, -06 MB X HOLLOW ALLEN (Serial # 12729-)	1
87	89.0046	SEAL, BRAKE SHAFT OIL	1
87A	89.0047	SEAL, SHIFTER ROD OIL	1
89	55.0039	BEARING, 2600 NEEDLE 1.5743 ID	1
124	89.0051	GASKET, CASE	1
149	51.0027	ROD, 2600 SHIFT (HIGH/LOW)	1
157	89.0049	SEAL, OIL - AXLE PEERLESS	2

Listed items are stocked. Check for availability of unlisted parts.

*Ref. 2 brake shaft bearing must be ordered separately.

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Model 15 Hydraulic Motor (21.0081)



HYDRAULICS, AXLES, & WHEELS

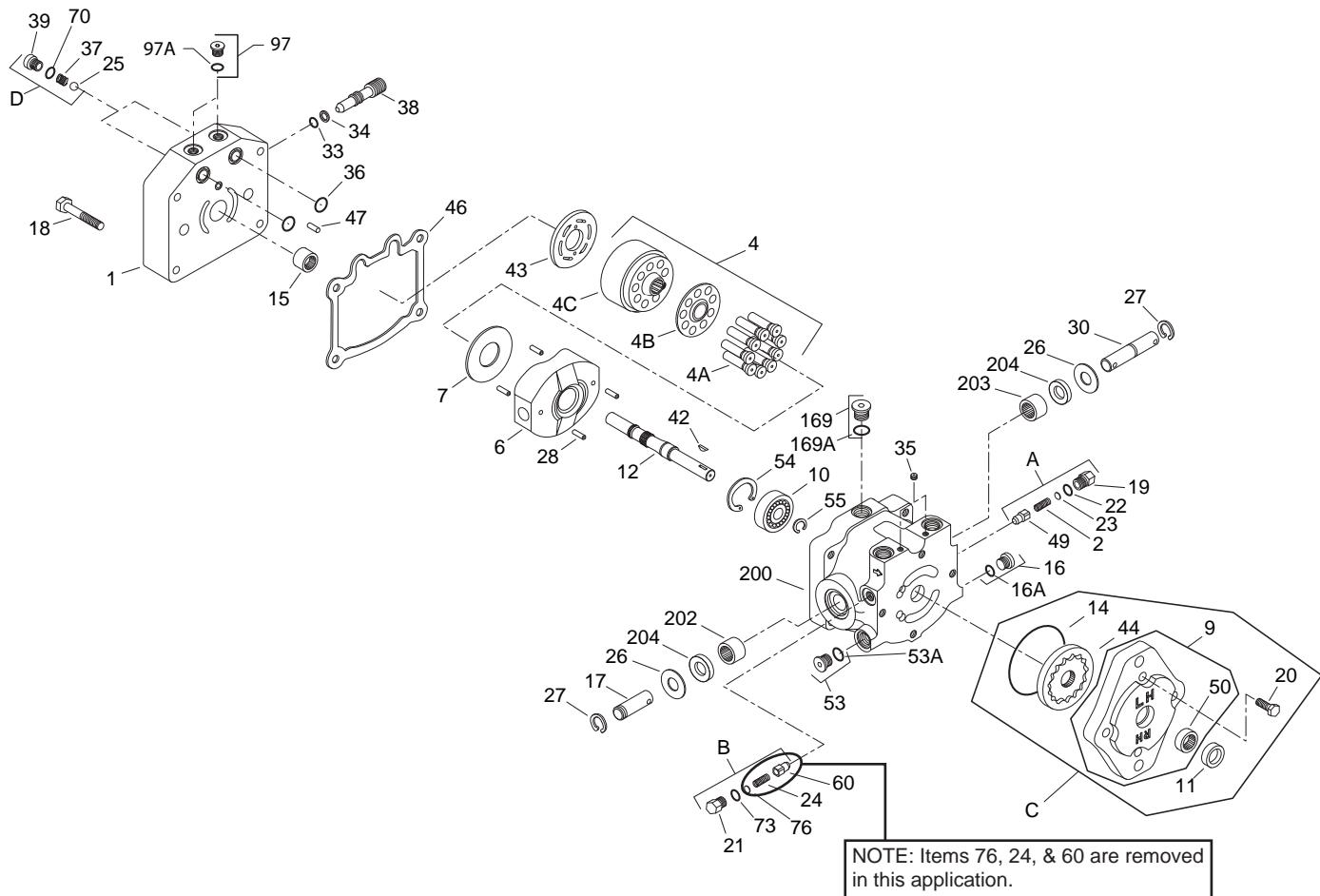
Model 15 Hydraulic Motor (21.0081)

REF.	PART NO.	DESCRIPTION	QTY.
3	21.0099	KIT, CYL BLOCK SUNDSTRAND	1
4	89.0055	GASKET, MOTOR 2 BOLT FLANGE	1
6	21.0019	PLATE, THRUST SUNDSTRAND	1
9	55.0036	BEARING, DU SUNDSTRAND	1
11	21.0099-1	PISTON, CYLINDER BLOCK	9
12	21.0099-2	RETAINER, PISTON CYLINDER BLCK	1
14	25.6408-08	FITTING, PLUG 8MB	4
14a	26.0037	O-RING, -908 FOR MORB-08 VITON	4
18	89.0062	SEAL, SHAFT-SERIES 15 MOTOR	1
19	21.0088	PLATE, VALVE (MOTOR)	1

Listed items are stocked. Check for availability of unlisted parts.

HYDRAULICS, AXLES, & WHEELS

ILLUSTRATED DRAWING Model 15 Hydraulic Pump (21.0080)



Note: Item 200 includes items 202, 203 and 204

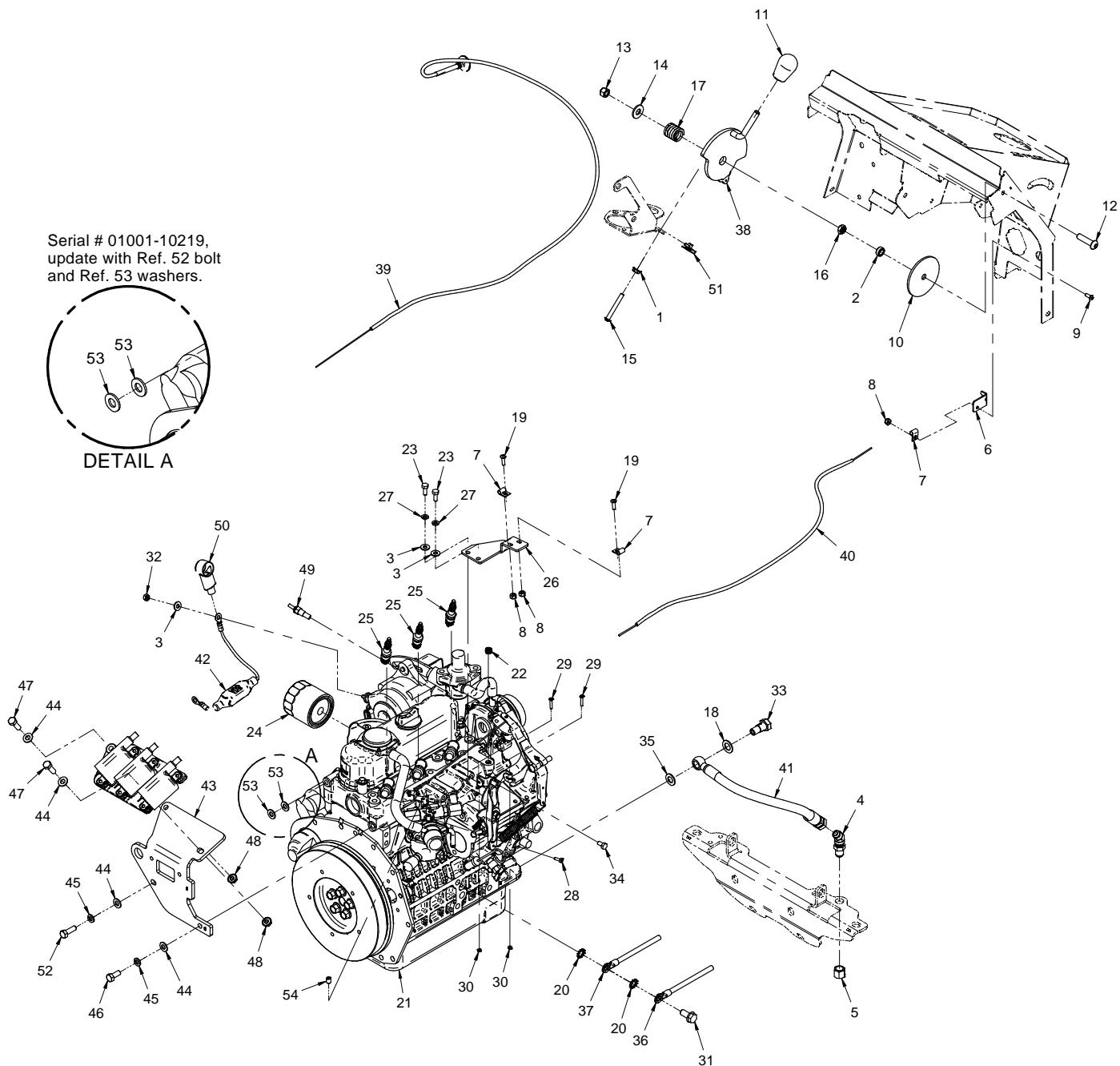
HYDRAULICS, AXLES, & WHEELS

Model 15 Hydraulic Pump (21.0080)

REF.	PART NO.	DESCRIPTION	QTY.
1	NOT STOCKED	CAP, END	3
2	21.0087	SPRING, IMPLEMENT RELIEF	1
4	21.0099	KIT, CYL BLOCK SUNDSTRAND	1
4A	21.0099-1	PISTON, CYLINDER BLOCK	9
4B	21.0099-2	RETAINER, PISTON CYLINDER BLCK	1
4C	NOT STOCKED	BLOCK, CYLINDER	1
6	21.0101	SWASHPLATE, SUNDSTRAND	1
7	21.0019	PLATE, THRUST SUNDSTRAND	1
9	21.0032	HOUSING, CHARGE PUMP (PUMP SERIAL # A063910905 OR EARLIER)	1
9	21.0033	HOUSING, CHARGE PUMP (PUMP SERIAL # A063910906-)	1
10	55.0034	BEARING, BALL SUNDSTRAND	1
11	89.0052-1	SEAL, 3/4 SFT X 1 1/4 VITON	1
12	21.0028	SHAFT, PUMP 15 PV	1
14	26.0008	O-RING, .010 X 3.487ID X 3.693OD VITON	1
15	55.0025	BEARING, ROLLER .6875 X .937	1
16	NOT STOCKED	PLUG	1
16A	26.0038	O-RING, -910 FOR MORB-10 VITON	1
17	21.0076	SHAFT, TRUNNION SUNDSTRAND	1
18	NOT STOCKED	SCREW	4
19	21.0089	PLUG, RELIEF VALVE SUNDSTRAND	1
20	NOT STOCKED	SCREW	4
21	NOT STOCKED	PLUG	1
22	26.0013	O-RING, -905 FOR MORB-05 VITON	1
23	21.0093	SHIM, .020 X 5/16 OD, HI-PRESS	1
23	21.0094	SHIM, .010 X 5/16 OD, HI-PRESS	1
23	21.0106	SHIM, .005 X 5/16 OD, HI-PRESS	1
24	41.0091	SPRING, COMP 1/4"OD X 1" LG	1
25	NOT STOCKED	BALL	2
26	21.0049	WASHER, .699 X 1.375 X .059	2
27	04.0014	SNAP RING, EXT. 11/16 SFT	2
28	.02.CP0605C	ROLL PIN, 3/16 X 5/8 COILED	4
30	21.0075	SHAFT, TRUNNION-CTRL-SERIES 15	1
33	26.0025	O-RING, -012 FOR MORF-06 VITON	1
34	04.0039	RING, BACK UP	1
35	NOT STOCKED	PLUG, PIPE	2
36	26.0009	O-RING, .070 X .489 ID 90D	2
37	NOT STOCKED	SPRING	2
38	23.0165	VALVE, BYPASS	1
39	NOT STOCKED	PLUG	2
42	85.W0305	KEY, WOODRUFF 3/16" X 5/8"	1
43	21.0026	PLATE, VALVE (LH) PUMP	1
44	21.0027	GEROTOR, ASM PUMP	1
46	89.0054	GASKET, PUMP SUNDSTR.SERIES 15	1
47	NOT STOCKED	PIN	1
49	NOT STOCKED	CONE, CHARGE RELIEF	1
50	55.0024	BEARING, NEEDLE 3/4X1 SERIES15	1
53	NOT STOCKED	PLUG	1
53A	26.0038	O-RING, -910 FOR MORB-10 VITON	1
54	NOT STOCKED	RING, RETAINING	1
55	NOT STOCKED	RING, RETAINING	1
60	NOT STOCKED	CONE, CHARGE RELIEF	1
70	26.0013	O-RING, -905 FOR MORB-05 VITON	2
73	26.0013	O-RING, -905 FOR MORB-05 VITON	1
76	21.0093	SHIM, .020 X 5/16 OD, HI-PRESS	1
76	21.0094	SHIM, .010 X 5/16 OD, HI-PRESS	1
76	21.0106	SHIM, .005 X 5/16 OD, HI-PRESS	1
97	NOT STOCKED	PLUG	2
97A	26.0035	O-RING, -904 FOR MORB-04 VITON	2
169	NOT STOCKED	PLUG	1
169A	26.0037	O-RING, -908 FOR MORB-08 VITON	1
200	NOT STOCKED	ASSEMBLY, HOUSING	1
202	85.B0067	BUSHING, BEARING JOURNAL	1
203	85.B0067	BUSHING, BEARING JOURNAL	1
204	89.0053-1	SEAL, .687 SFT X 1.19 VITON	2
A	NOT STOCKED	KIT, IMPLEMENT RELIEF	1
B	NOT STOCKED	KIT, CHARGE RELIEF	1
C	NOT STOCKED	KIT, CHARGE PUMP	1
D	NOT STOCKED	KIT, CHECK VALVE	1

ENGINES

ILLUSTRATED DRAWING 4500Z Kubota Gas Engine



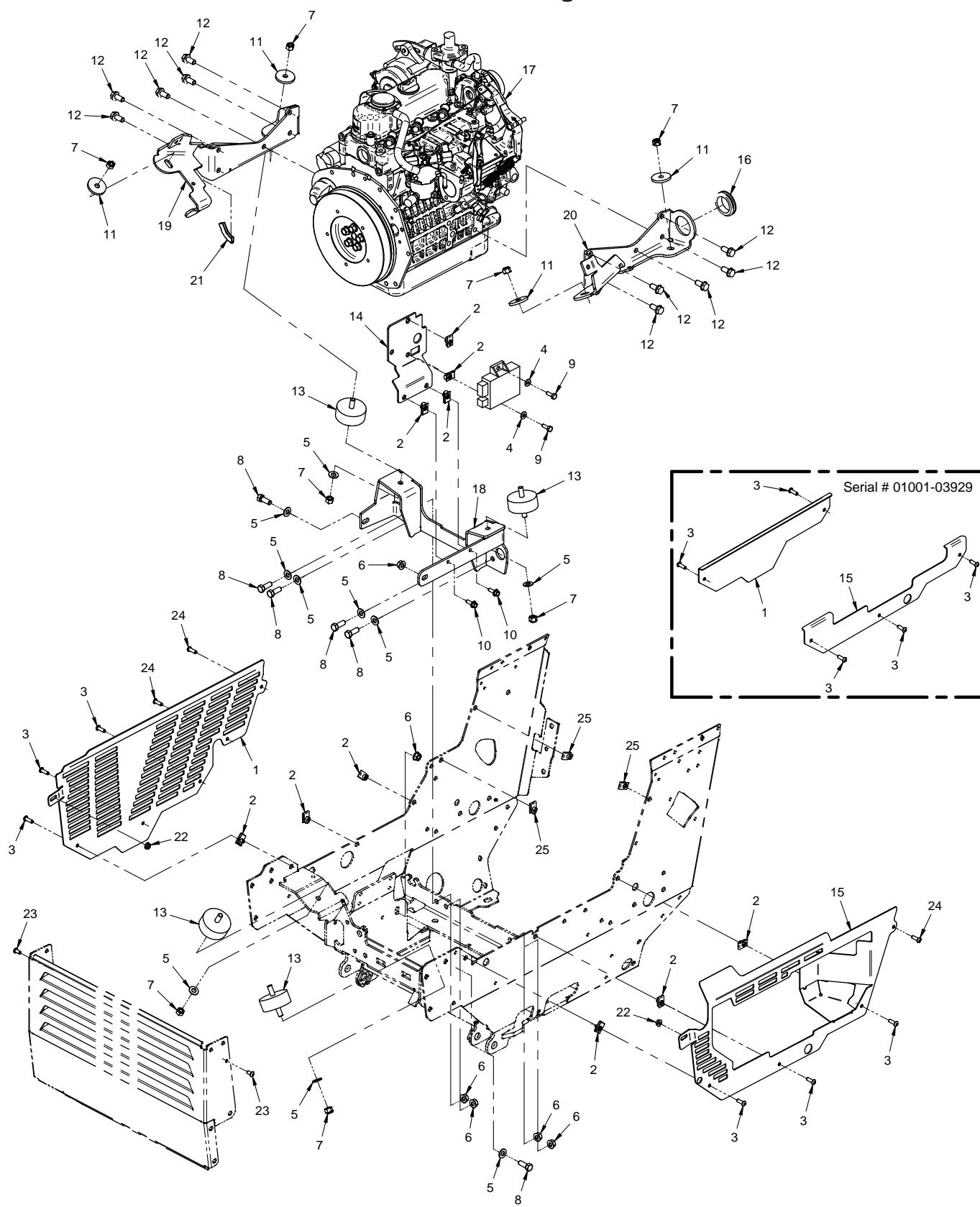
ENGINES

4500Z Kubota Gas Engine

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	NUT, SRF 1/4-20 USS.	1
2	64.0602	BUSHING, 3/8 X 5/8 X .265	1
3	95.04	WASHER, FLAT 1/4 SAE	3
4	25.2702-06-06LN	FITTING, BULKHEAD 3/8 W/LN 45.	1
5	25.304-C-06	FITTING, CAP 3/8 #6 JIC	1
6	64.1700	BRACKET, CABLE END.	1
7	45.0050	CLAMP, CABLE.	3
8	99.A1032N	LOCKNUT, NYLON 10-32 STAINLESS.	3
9	99.K0062	MACHINE SCREW, #10-32 X 1/2.	1
10	05.0013	WASHER, FRIC. 3 OD X 13/32 ID	1
11	47.0001	KNOB, SM. #80 3/8-16 THREAD	1
12	99.0614	BOLT, 3/8-16 X 1-3/4 BSCS	1
13	99.A06N	LOCKNUT, NYLON 3/8-16 USS.	1
14	94.06	WASHER, FLAT 3/8 USS	1
15	99.0416	BOLT, 1/4-20 X 2 BSCS	1
16	99.E0113	NUT, JAM 3/8-16 NYLON LOCK GR8	1
17	41.0107	SPRING, COMP. .970" OD X 1" LG	1
18	99.B0106	WASHER, SEALING 14MM COPPER.	1
19	99.K0071	MACHINE SCREW, #10-32 X 5/8.	2
20	99.G0004	WASHER, STAR-EXTERNAL 3/8	2
21	13.0240	ENGINE, KUBOTA GAS	1
22	29.P02-1	PIPE, PLUG 1/8 HEX SOCKET ZP	1
23	99.M0002	BOLT, M6 X 1.00 X 16MM	2
24	13.0267	FILTER, ENGINE OIL KUBOTA	1
25	13.0285	PLUG, SPARK NGK BKR4E	3
26	64.1731	BRACKET, CABLE MOUNT	1
27	96.04	WASHER, LOCK 1/4	2
28	99.M0007	BOLT, M4 X .7 X 12MM	1
29	99.K0060	MACHINE SCREW, #6-32 X 3/4	2
30	99.E0085	LOCKNUT, NYLON #6-32	2
31	99.M0028	BOLT, M10-1.25 X 20MM FLANGE	1
32	99.M0031	NUT, HEX M6 X 1.00	1
33	14.0051	BOLT, BANJO M12 X 1.25	1
34	99.M0016	BOLT, M6 X 1.00 X 12MM	1
35	99.B0108	WASHER, SEALING 12MM COPPER.	1
36	32.0103	CABLE, ASM NEG 4GA	1
37	32.0112	CABLE, ASM NEG 4GA	1
38	40.0377	LEVER, THROTTLE	1
39	47.0121	CABLE, CHOKE 60" LONG, 2" TRAV	1
40	47.0322	CABLE, THROTTLE KN	1
41	22.0062	HOSE, 3/8X13.50 PLK 250PSI CPE	1
42	30.0451	FUSE, 80 AMP FUSE LINK	1
43	64.1672	MOUNT, IGNITION COIL	1
44	95.05	WASHER, FLAT 5/16 SAE	4
45	96.05	WASHER, LOCK 5/16	2
46	99.M0005	BOLT, M8 X 1.25 P X 20MM	1
47	90.0508	BOLT, 5/16-18 USS X 1"	2
48	99.SF05	NUT, SRF 5/16-18 USS	2
49	13.0286	SENDING UNIT, TEMPERATURE (Serial # 01001-02476)	1
49	13.0309	SENDING UNIT, TEMPERATURE (Serial # 02477-)	1
50	30.0321	INSULATOR, ALTERNATOR POST	1
51	99.E0046	NUT, "U" 1/4-20 EXTRUDED	1
52	99.M0009	BOLT, M8 X 1.25 P X 25MM	1
53	95.05	WASHER, FLAT 5/16 SAE (Serial # 10220-13906)	2
54	13.EG801-99300	KIT, COMPENSATION KUB STD 0M	1
54	70.4129	KIT, WG972 COMP. 1000-5600 FT	1
54	70.4130	KIT, WG972 COMP. 4300-8900 FT	1

ENGINES

ILLUSTRATED DRAWING 4500Z Kubota Gas Engine Mount



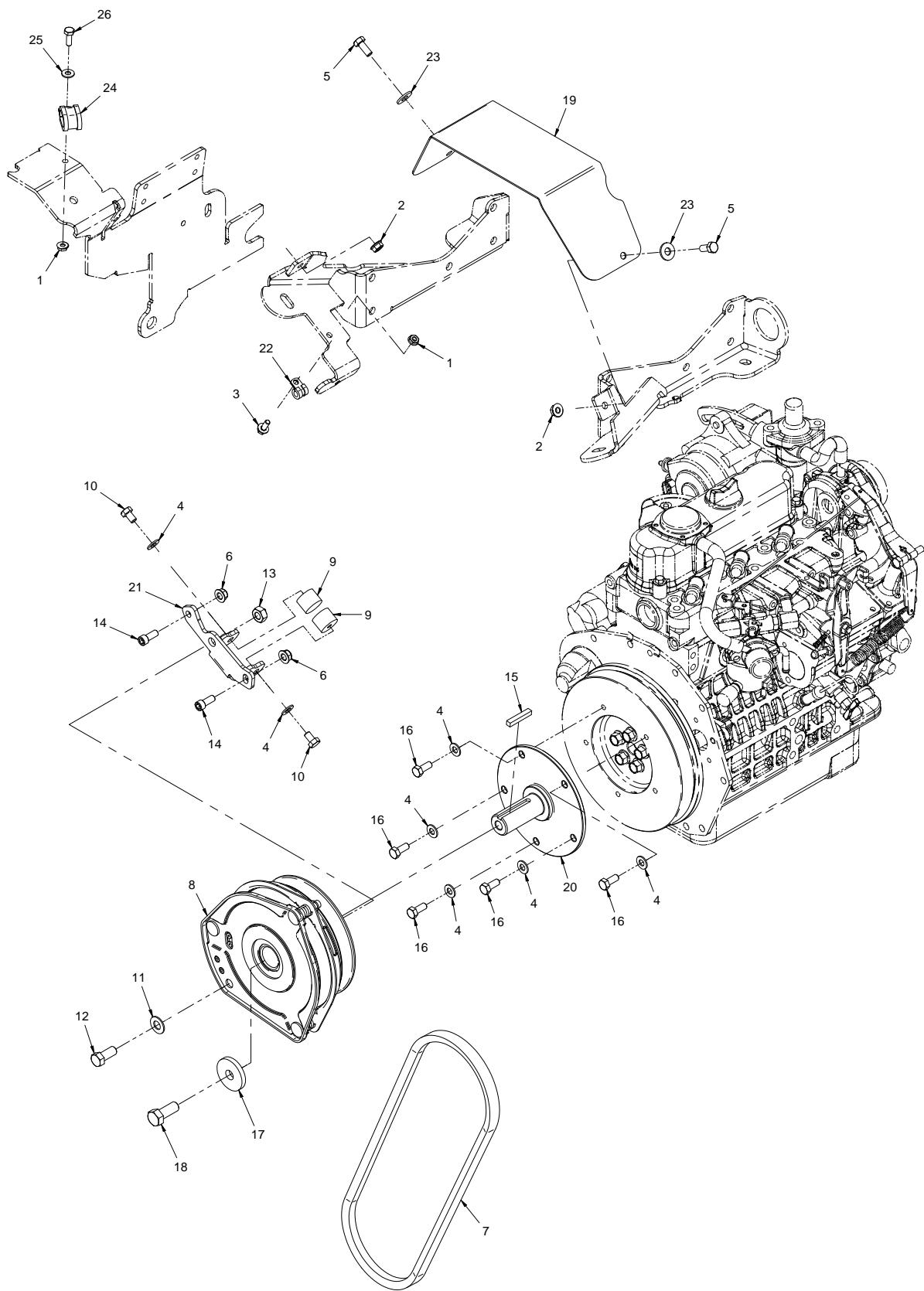
ENGINES

4500Z Kubota Gas Engine Mount

REF.	PART NO.	DESCRIPTION	QTY.
1	60.1137	PANEL, ENGINE ACCESS RIGHT (Serial # 01001-03929)	1
1	60.1208	COVER, ENGINE RIGHT 4500 (Serial # 03930-)	1
2	99.E0046	NUT, "U" 1/4-20 EXTRUDED	10
3	99.0406	BOLT, 1/4-20 X 3/4 BSCS	6
4	95.04	WASHER, FLAT 1/4 SAE	2
5	95.06	WASHER, FLAT 3/8 SAE	10
6	99.SF06	NUT, SRF 3/8-16 USS	6
7	99.A06N	LOCKNUT, NYLON 3/8-16	8
8	90.0608	BOLT, 3/8-16 USS X 1	6
9	90.0406	BOLT, 1/4-20 USS X 3/4"	2
10	99.SF0406	BOLT, SRF 1/4-20 X 3/4	2
11	99.B0076	WASHER, .140T X .395ID X 1.5OD	4
12	99.M0028	BOLT, M10-1.25 X 20MM FLANGE	10
13	05.0088	ISOLATOR, 3/8-16 X 2.5 OD X 1"	4
14	64.1685	BRACKET, ENGINE ELECTRICAL	1
15	60.1170	PANEL, ENGINE ACCESS LEFT (Serial # 01001-03929)	1
15	60.1209	COVER, ENGINE LEFT 4500Y (Serial # 03930-)	1
16	05.0036	GROMMET, 1 1/2ID,2 1/8OD,9/16T	1
17	13.0240	ENGINE, KUBOTA 32 HP GAS LC	1
18	64.1634	MOUNT, ENGINE KUBOTA REAR	1
19	64.1630	MOUNT, ENGINE KUBOTA RIGHT	1
20	64.1625	MOUNT, ENGINE KUBOTA LEFT	1
21	06.0050-2IN	TRIM, TRIM LOC 1/2 X 3/16 X 2"	1
22	99.SF04	NUT, SRF 1/4-20 USS	2
23	99.0404	BOLT, 1/4-20 X 1/2 BSCS	2
24	99.0404	BOLT, 1/4-20 X 1/2 BSCS (Serial # 01001-03966)	3
24	99.0406	BOLT, 1/4-20 X 3/4 BSCS (Serial # 03967-)	3
25	99.SF04	NUT, SRF 1/4-20 USS (Serial # 01001-03966)	3
25	99.E0046	NUT, "U" 1/4-20 EXTRUDED (Serial # 03967-)	3

ENGINES

ILLUSTRATED DRAWING 4500Z Kubota Gas PTO Clutch



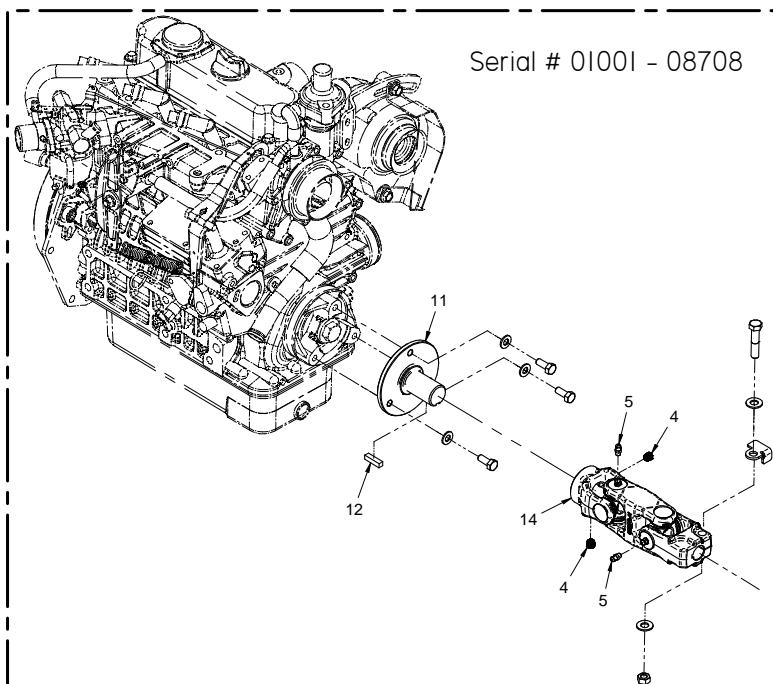
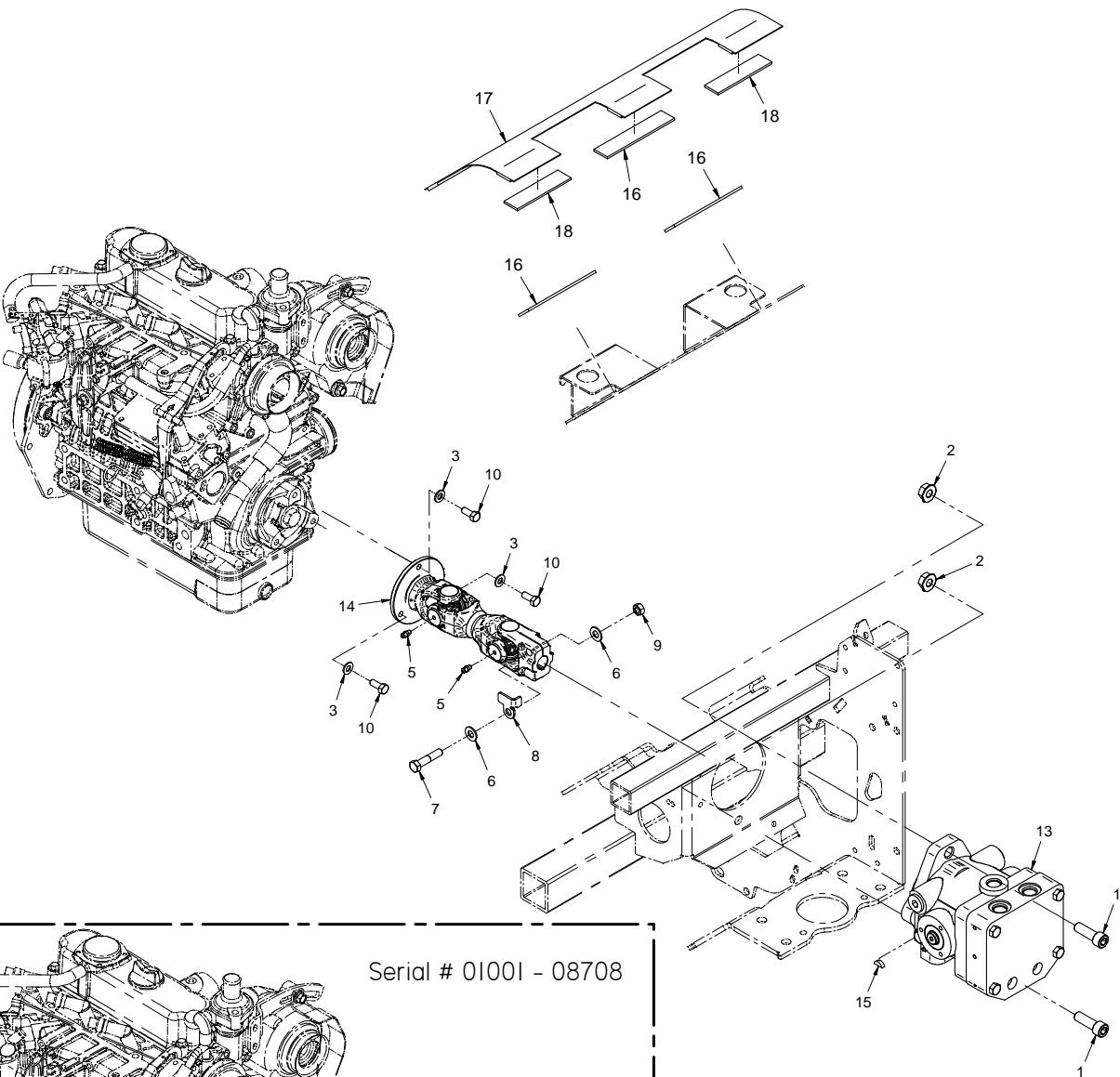
ENGINES

4500Z Kubota Gas PTO Clutch

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	NUT, SRF 1/4-20 USS	2
2	99.SF05	NUT, SRF 5/16-18 USS	2
3	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	1
4	95.05	WASHER, FLAT 5/16 SAE	7
5	90.0506	BOLT, 5/16-18 USS X 3/4"	2
6	99.E0102	NUT, LOCKING FLANGE 5/16-18	2
7	81.B038	BELT, B38	1
8	37.0060	CLUTCH, ELECTRIC OGURA GT3.5	1
9	05.0110	BUMPER, RUBBER 1" DIA	2
10	90.0504	BOLT, 5/16-18 USS X 1/2"	2
11	95.07	WASHER, FLAT 7/16 SAE	1
12	90.0708	BOLT, 7/16-14 USS X 1	1
13	99.A07	LOCKNUT, STOVER 7/16-14 USS	1
14	99.K0134	BOLT, SHCS 5/16-18 X 3/4	2
15	85.K0412	KEY, 1/4 X 1-1/2	1
16	99.M0005	BOLT, M8 X 1.25 P X 20MM LONG	5
17	99.B0064	WASHER, 1/4 X 1.75 X .531 HOLE	1
18	91.0810	BOLT, 1/2-20 SAE X 1-1/4	1
19	60.1166	COVER, FLYWHEEL (Serial # 01001-02390)	1
19	60.1252	COVER, FLYWHEEL (Serial # 02391-)	1
20	13.0257	STUB SHAFT, KUBOTA	1
21	64.1697	BRACKET, CLUTCH TORQUE	1
22	11.0058	CLAMP, CUSHIONED 3/8"	1
23	94.05	WASHER, FLAT 5/16 USS	2
24	90.0406	BOLT, 1/4-20 USS X 3/4	1
25	95.04	WASHER, FLAT 1/4 SAE	1
26	11.0046	CLAMP, CUSHIONED 1/2" 2-TUBE	1

ENGINES

ILLUSTRATED DRAWING 4500Z Kubota Gas Drive Shaft & Pump



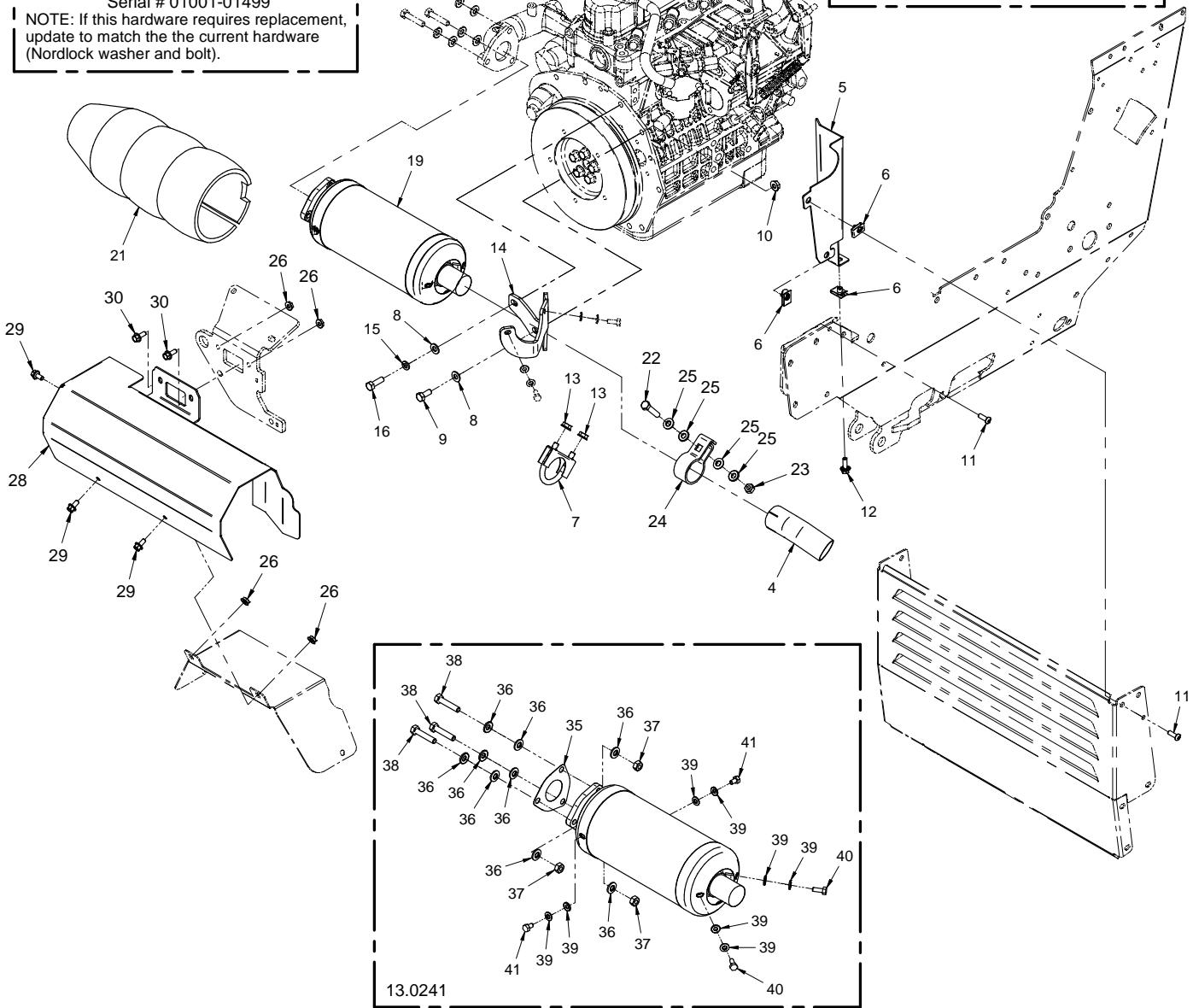
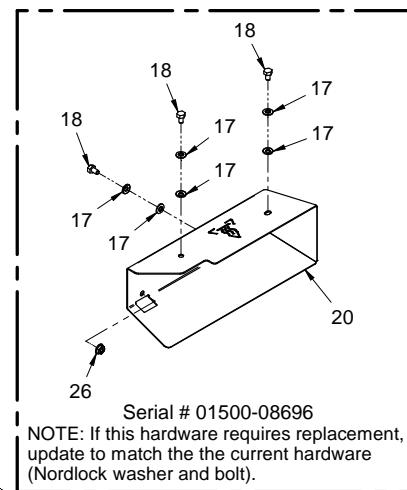
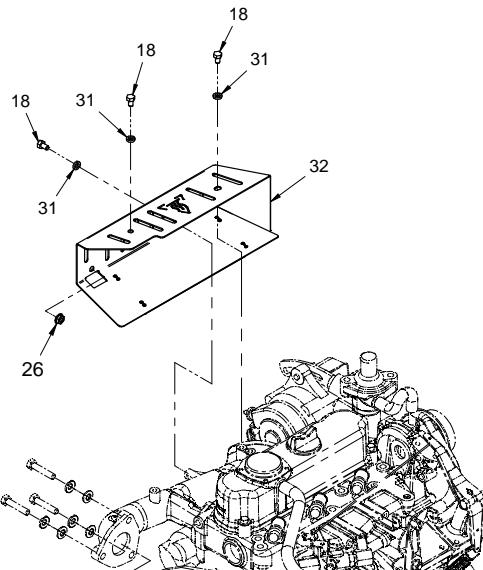
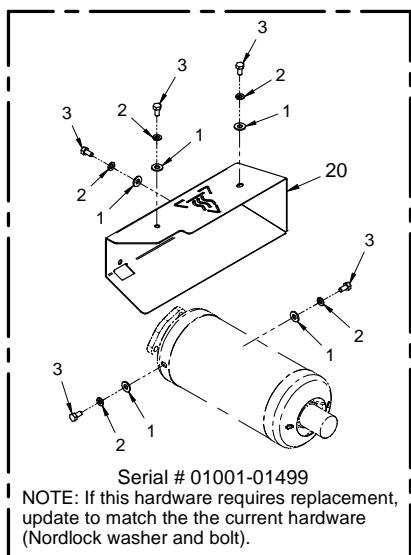
ENGINES

4500Z Kubota Gas Drive Shaft & Pump

REF.	PART NO.	DESCRIPTION	QTY.
1	99.K0039	BOLT, SHCS 1/2 X 1 1/2	2
2	99.SF08	NUT, SRF 1/2-13 USS	2
3	95.05	WASHER, FLAT 5/16 SAE	3
4	85.SS21	SET SCREW, 3/8-16 X 3/8 (Serial # 01001-08708)	2
5	29.GF0001	GREASE FTG, 1/4 SAE ST	2
6	95.06	WASHER, FLAT 3/8 SAE	2
7	90.0614	BOLT, 3/8-16 USS X 1-3/4	1
8	64.1654	PLATE, DRIVESHAFT TACH TRIGGER	1
9	99.A06	LOCKNUT, STOVER 3/8-16 USS	1
10	99.M0005	BOLT, M8 X 1.25 P X 20MM LONG	3
11	13.0258	STUB SHAFT, PUMP DRIVE KUB (Serial # 01001-08708)	1
12	85.K0408	KEY, 1/4 X 1 (Serial # 01001-08708)	1
13	21.0080	PUMP, HYD. CCW 1000 PSI	1
14	87.0232	U-JOINT, 4500 (Serial # 01001-08708)	1
14	87.0231	U-JOINT, KUBOTA KN (Serial # 08709-)	1
15	85.W0305	KEY, WOODRUFF 3/16" X 5/8"	1
16	06.0065-5IN	VELCRO, LOOP 1" BLACK X 5"	3
17	44.0322	CANVAS, DEBRIS BARRIER	1
18	06.0065-4IN	VELCRO, LOOP 1" BLACK X 4"	2

ENGINES

ILLUSTRATED DRAWING 4500Z Kubota Gas Muffler



ENGINES

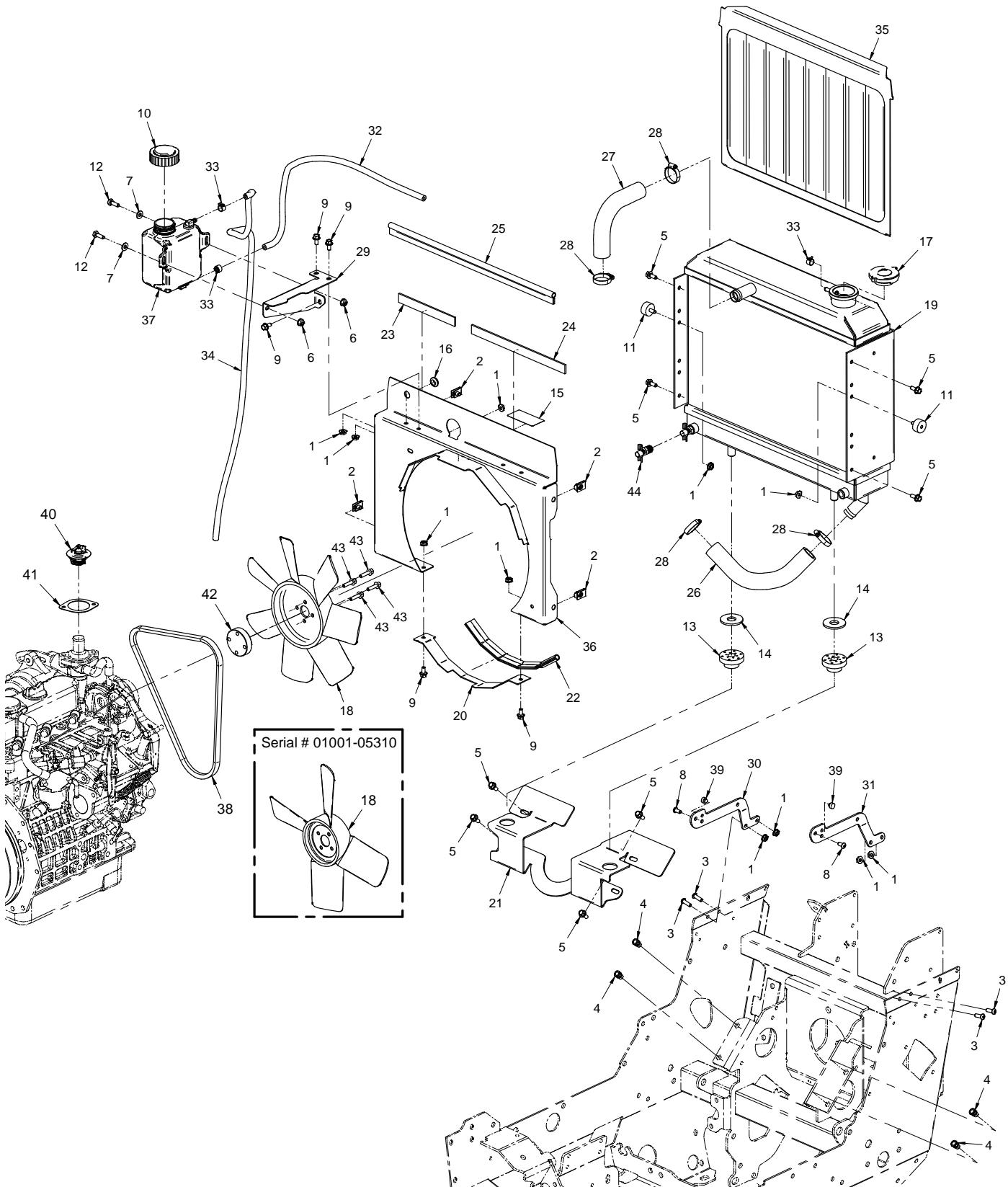
4500Z Kubota Gas Muffler

REF.	PART NO.	DESCRIPTION	QTY.
1*	95.04	WASHER, FLAT 1/4 SAE	5
2*	96.04	WASHER, LOCK 1/4	5
3*	99.M0016	BOLT, M6 X 1.00 X 12MM	5
4	13.0264	TUBE, EXHAUST TIP	1
5	60.1168	SHIELD, INTAKE (Serial # 01001-02390)	1
6	99.E0046	NUT, "U" 1/4-20 EXTRUDED (Serial # 01001-02390)	3
7	11.0039	CLAMP, EXH. 5/16 X 1 1/2 ASM. (Serial # 01001-01403)	1
8	95.05	WASHER, FLAT 5/16 SAE	2
9	90.0506	BOLT, 5/16-18 USS X 3/4"	1
10	99.SF05	NUT, SRF 5/16-18 USS	1
11	99.0406	BOLT, 1/4-20 X 3/4 BSCS (Serial # 01001-02390)	2
12	99.SF0406	BOLT, SRF 1/4-20 X 3/4 (Serial # 01001-02390)	1
13	99.SF05	NUT, SRF 5/16-18 USS (Serial # 01001-01403)	2
14	64.1745	BRACE, MUFFLER SUPPORT	1
15	96.05	WASHER, LOCK 5/16	1
16	99.M0009	BOLT, M8 X 1.25 P X 25MM LONG	1
17	99.M0036	WASHER, M6 SPRING LOCK 316 SS (Serial # 01500-08696)	6
18	99.M0039	BOLT, M6 X 1.00 X 10MM	3
19	13.0241	MUFFLER, KUBOTA 32 HP GAS	1
20	60.1163-1	SHIELD, EX MANIFLD W/HEAT TAPE (Serial # 01001-08696)	1
21	44.0315	INSULATION, MUFFLER 13.0241 (Serial # 01001-02390)	1
22	99.M0034	BOLT, M8 X 1.25 X 40MM SS (Serial # 01404-)	1
23	99.M0035	NUT, M8 X 1.25MM 316 STAINLESS (Serial # 01404-)	1
24	11.0074	CLAMP, 1-1/2" BAND 304 SS (Serial # 01404-)	1
25	99.M0037	WASHER, M8 SPRING LOCK 316 SS (Serial # 01404-)	4
26	99.SF04	NUT, SF 1/4-20 USS (Serial # 02391-)	5
28	60.1251-1	SHIELD, MUFFLER W/HEAT TAPE (Serial # 02391-)	1
29	99.SF0404-1	BOLT, SMF 1/4-20 X 1/2 (Serial # 02391-)	3
30	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8 (Serial # 02391-)	2
31	96.04-2	WASHER, NORDLOCK 1/4" (Serial # 08697-)	3
32	60.1304-1	SHIELD, EX MANIFLD W/HEAT TAPE (Serial # 08697-)	1
35	13.15862-12230	GASKET, MUFFLER	1
36	99.M0037	WASHER, M8 SPRING LOCK 316 SS	9
37	99.M0035	NUT, M8 X 1.25MM 316 STAINLESS	3
38	99.M0034	BOLT, M8 X 1.25 X 40MM SS	3
39	99.M0036	WASHER, M6 SPRING LOCK 316 SS	8
40	99.M0038	BOLT, M6 X 1.00 X 16MM SS	2
41	99.M0039	BOLT, M6 X 1.00 X 10MM SS	2

*If your power unit with a serial range of 01001-01499 requires replacement of this hardware, update to match the hardware for power unit 08697-current.

ENGINES

ILLUSTRATED DRAWING 4500Z Kubota Gas Cooling System



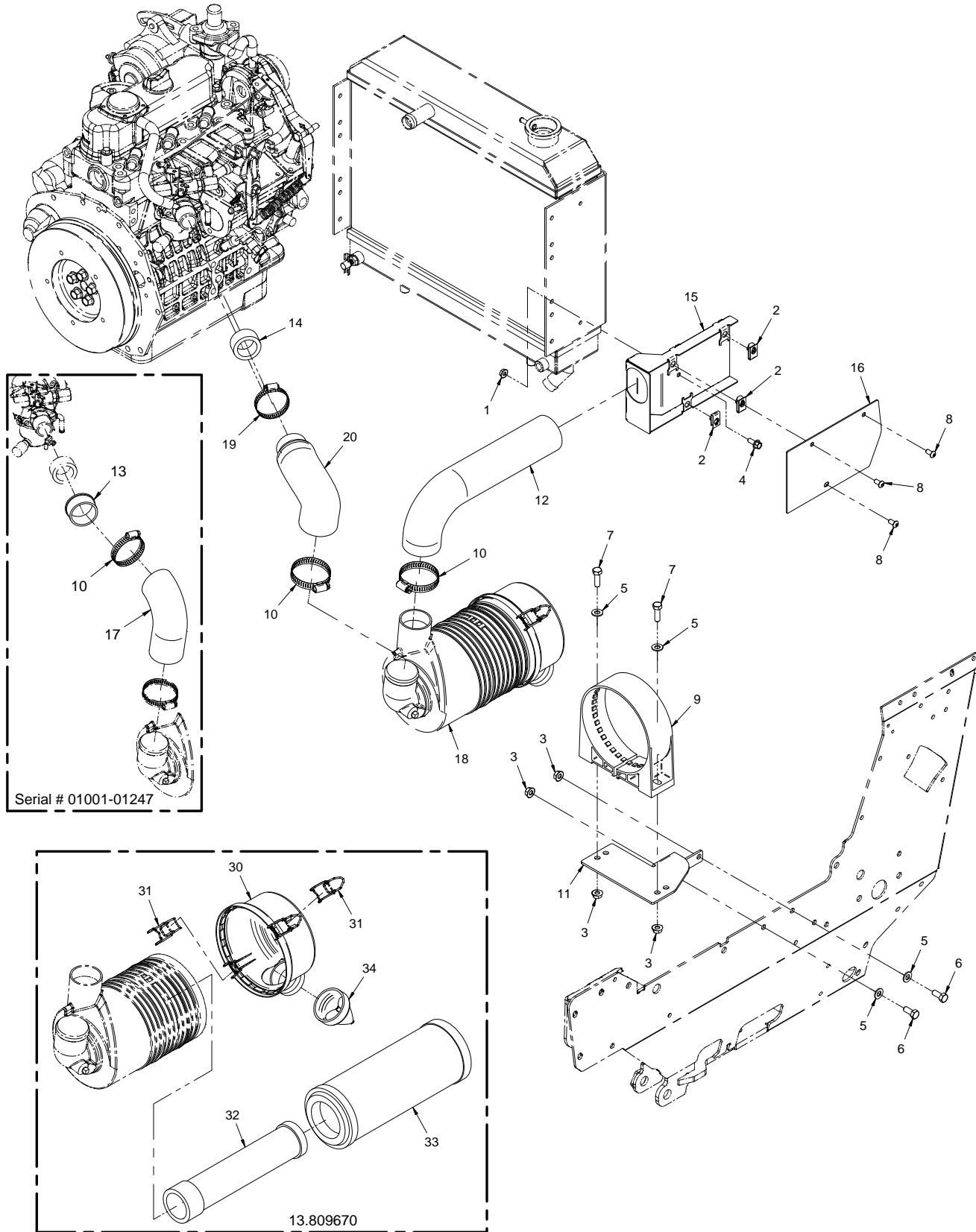
ENGINES

4500Z Kubota Gas Cooling System

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	NUT, SRF 1/4-20 USS	.11
2	99.E0046	NUT, "U" 1/4-20 EXTRUDED	4
3	99.0406	BOLT, 1/4-20 X 3/4 BSCS	4
4	99.E0105	NUT, INSERT 1/4-20 HEX	4
5	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	8
6	99.E0101	NUT, LOCKING FLANGE 1/4-20	2
7	95.04	WASHER, FLAT 1/4 SAE	2
8	99.0404	BOLT, 1/4-20 X 1/2 BSCS	2
9	99.SF0404-1	BOLT, SMF 1/4-20 X 1/2	5
10	47.0319	CAP, COOLANT RECOVERY TANK	1
11	05.0135	ISOLATOR, 1/4-20 X 1/2 X 1" F/M	2
12	90.0406	BOLT, 1/4-20 USS X 3/4"	2
13	05.0107	ISOLATOR, 9/16 ID X 1-29/32 OD	2
14	94.10	WASHER, FLAT 5/8 USS	2
15	00.0341	DECAL, WARNING FAN (Serial # 01001-14497)	1
15	00.0638	DECAL, FAN BLADE HAZARD (Serial # 14498-)	1
16	05.0136	GROMMET, 7/16ID, 3/4OD, 1/4THK	1
17	47.0334	CAP, RADIATOR 14#	1
18	13.0281	FAN, COOLING 310MM SUCTION (Serial # 01001-05310)	1
18	13.17525-74111	FAN, COOLING 310MM SUCTION (Serial # 05311-)	1
19	47.0302	RADIATOR, KUBOTA (includes cap)	1
20	64.1622	BRACKET, RADIATOR SHROUD	1
21	64.1621	BRACKET, RADIATOR MOUNT BOTTOM	1
22	06.0043-10IN	TRIM, TRIM SEAL W/ BULB X 10"	1
23	06.0045-6IN	WEATHERSTRIP, 1/8 X 3/4 X 6"	1
24	06.0045-10IN	WEATHERSTRIP, 1/8 X 3/4 X 10"	1
25	06.0043-17.5IN	TRIM, TRIM SEAL W/ BULB X 17-1/2"	1
26	13.0263	HOSE, RADIATOR LOWER KUBOTA	1
27	13.0262	HOSE, RADIATOR UPPER KUBOTA	1
28	11.0052	CLAMP, HOSE SS 13/16 X 1-1/2	4
29	64.1640	BRACKET, COOLANT RECOVERY TANK	1
30	64.1629	BRACKET, RADIATOR MOUNT RIGHT	1
31	64.1642	BRACKET, RADIATOR MOUNT LEFT	1
32	27.A04-21IN	HOSE, NEOP BLACK 1/4 X 7/16 X 21"	1
33	11.0049	CLAMP, HOSEBAND 1/4X1/2 HOSE	3
34	27.A04-36IN	HOSE, NEOP BLACK 1/4 X 7/16 X 36"	1
35	64.1620	SCREEN, RADIATOR - 47.0302	2
36	60.1139	SHROUD, RADIATOR - 47.0302	1
37	47.0317	TANK, COOLANT RECOVER	1
38	13.17472-97010	V BELT, FM35.0 IN	1
39	05.0120	BUMPER, NEOPRENE 10 GA - 1/4 (Serial # 01323-)	2
40	13.19434-73014	THERMOSTAT, 160A° KUBOTA (Serial # 01001-03256)	1
40	13.15321-73016	THERMOSTAT, 180A° KUBOTA (Serial # 03257-)	1
41	13.16221-73270	GASKET, THERMOSTAT	1
42	13.16261-74152	COLLAR, FAN (Serial # 05311-)	1
43	13.01754-50625	BOLT, FLANGE (Serial # 05311-)	4
44	47.0488	PETCOCK VALVE, RADIATOR DRAIN	1

ENGINES

ILLUSTRATED DRAWING 4500Z Kubota Gas Air Intake



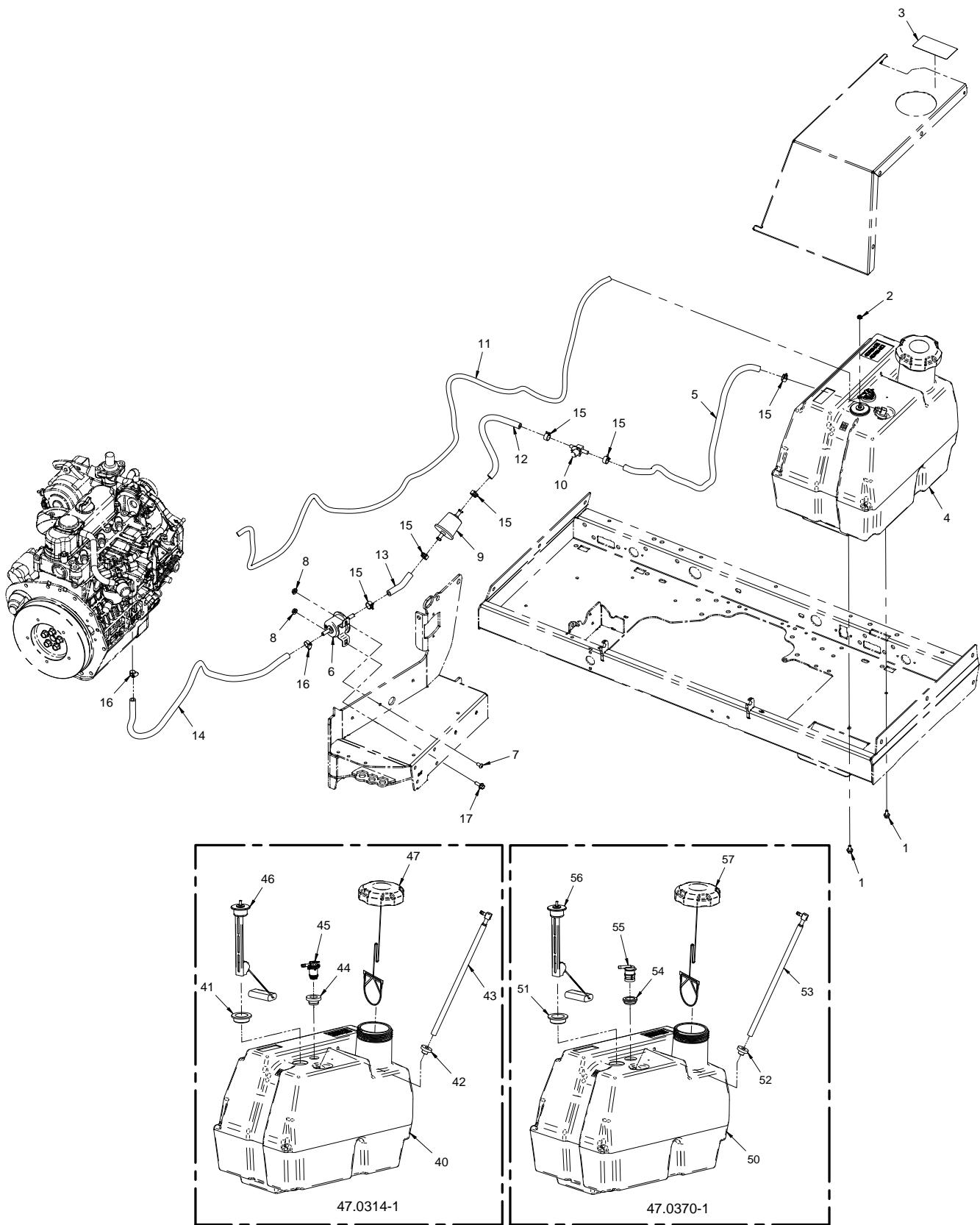
ENGINES

4500Z Kubota Gas Air Intake

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.	1
2	99.E0046	.NUT, "U" 1/4-20 EXTRUDED	3
3	99.SF05	.NUT, SRF 5/16-18 USS.	4
4	99.SF0405-1	.BOLT, SMF 1/4-20 X 5/8	1
5	95.05	.WASHER, FLAT 5/16 SAE	4
6	90.0506	.BOLT, 5/16-18 USS X 3/4"	2
7	90.0508	.BOLT, 5/16-18 USS X 1"	2
8	99.0406	.BOLT, 1/4-20 X 3/4 BSCS	3
9	13.0231	.CLAMP, AIR FILTER 5" PLASTIC	1
10	11.0044	.CLAMP, HOSE S/S 1-9/16- 2-1/2	3
11	64.1643	.BRACKET, AIR FILTER MOUNT	1
12	14.0026-5	.HOSE, AIR CLEANER INLET	1
13	14.0038-1	.ADAPTER, REDUCER 2" TO 1-3/4" (Serial # 01001-01247)	1
14	14.0041-1	.ADAPTER, REDUCER 1-3/4 TO 1-1/4	1
15	60.1161	.BAFFLE, AIR INLET	1
16	60.1162	.COVER, AIR INLET	1
17	14.0026-6	.HOSE, AIR INTAKE (Serial # 01001-01247)	1
18	13.809670	.CLEANER, AIR ASM.	1
19	11.0043	.CLAMP, HOSE S/S 1-5/16 - 2-1/4 (Serial # 01248-)	1
20	13.0273	.HOSE, INTAKE 4500Z (Serial # 01248-)	1
30	13.533761	.COVER ASSEMBLY W/ LATCHES	1
31	13.538928	.LATCH	2
32	13.0061	.FILTER, AIR-ELEMENT SAFETY	1
33	13.0060	.FILTER, AIR-ELEMENT PRIMARY	1
34	13.522958	.VALVE, DRAIN	1

ENGINES

ILLUSTRATED DRAWING 4500Z Kubota Gas Fuel System



ENGINES

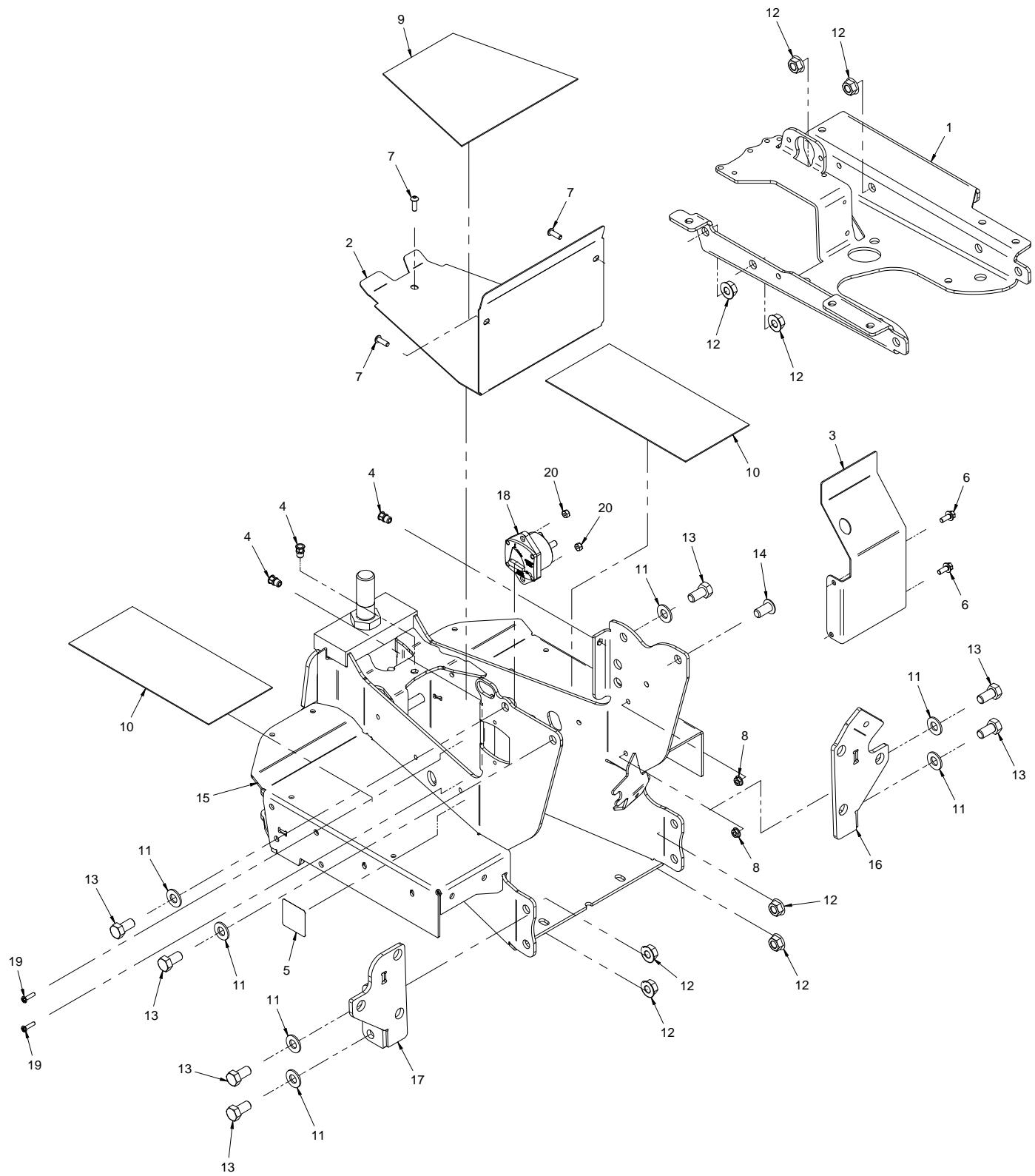
4500Z Kubota Gas Fuel System

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF0404-1	BOLT, SMF 1/4-20 X 1/2	2
2	99.E0049	NUT, WASHER #10-32 (STAR NUT)	1
3	00.0332	DECAL, GASOLINE ONLY (Serial # 01001-14497)	1
3	00.0457	DECAL, GASOLINE SAFETY (Serial # 14498-)	1
4	47.0314-1	TANK, ASM 4500 GAS (Serial # 01001-04322)	1
4	47.0370-1	TANK, ASM 4500 GAS (Serial # 04323-)	1
5	27.F05-1-26IN	HOSE, FUEL LINE 5/16" LOW PERM X 26"	1
6	13.0271	PUMP, FUEL KUB - Z	1
7	99.0404	BOLT, 1/4-20 X 1/2 BSCS	1
8	99.SF04	NUT, SRF 1/4-20 USS	2
9	13.0053	FILTER, FUEL - IN LINE 5/16"	1
10	47.0328	VALVE, FUEL SHUT OFF 5/16"	1
11	27.F03-102IN	HOSE, FUEL LINE X 3/16" X 102"	1
12	27.F05-1-14IN	HOSE, FUEL LINE 5/16" LOW PERM X 14"	1
13	27.F05-1-2.5IN	HOSE, FUEL LINE 5/16" LOW PERM X 2-1/2"	1
14	27.F05-1-54IN	HOSE, FUEL LINE 5/16" LOW PERM X 54"	1
15	11.0048	CLAMP, HOSE BAND 9/16" OD HOSE	6
16	11.0038	CLAMP, HOSE S/S 7/32 - 5/8	2
17	99.SF0406	BOLT, SRF 1/4-20 X 3/4	1
40	N/A	TANK, SHELL ONLY	1
41	05.0134	GROMMET, TANK FUEL SENDER	1
42	05.0133	GROMMET, TANK FITTING	1
43	29.0097	FITTING, TANK 5/16 WITHDRAW	1
44	05.0128	GROMMET, FUEL TANK VENT VALVE	1
45	29.0094	VENT, FUEL TANK BREATHER	1
46	35.0120	SENDING UNIT, FUEL	1
47	47.0309	CAP, FUEL 3-1/2" UNVENTED	1
50	N/A	TANK, FUEL 4500 GASOLINE	1
51	05.0134	GROMMET, TANK FUEL SENDER	1
52	05.0133	GROMMET, TANK FITTING	1
53	29.0097	FITTING, TANK 5/16 WITHDRAW	1
54	05.0162	GROMMET, FUEL VENT VALVE	1
55	29.0100	VALVE, FUEL VENT	1
56	35.0120	SENDING UNIT, FUEL	1
57	47.0309	CAP, FUEL 3-1/2" UNVENTED	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING

Lower Rear Frame



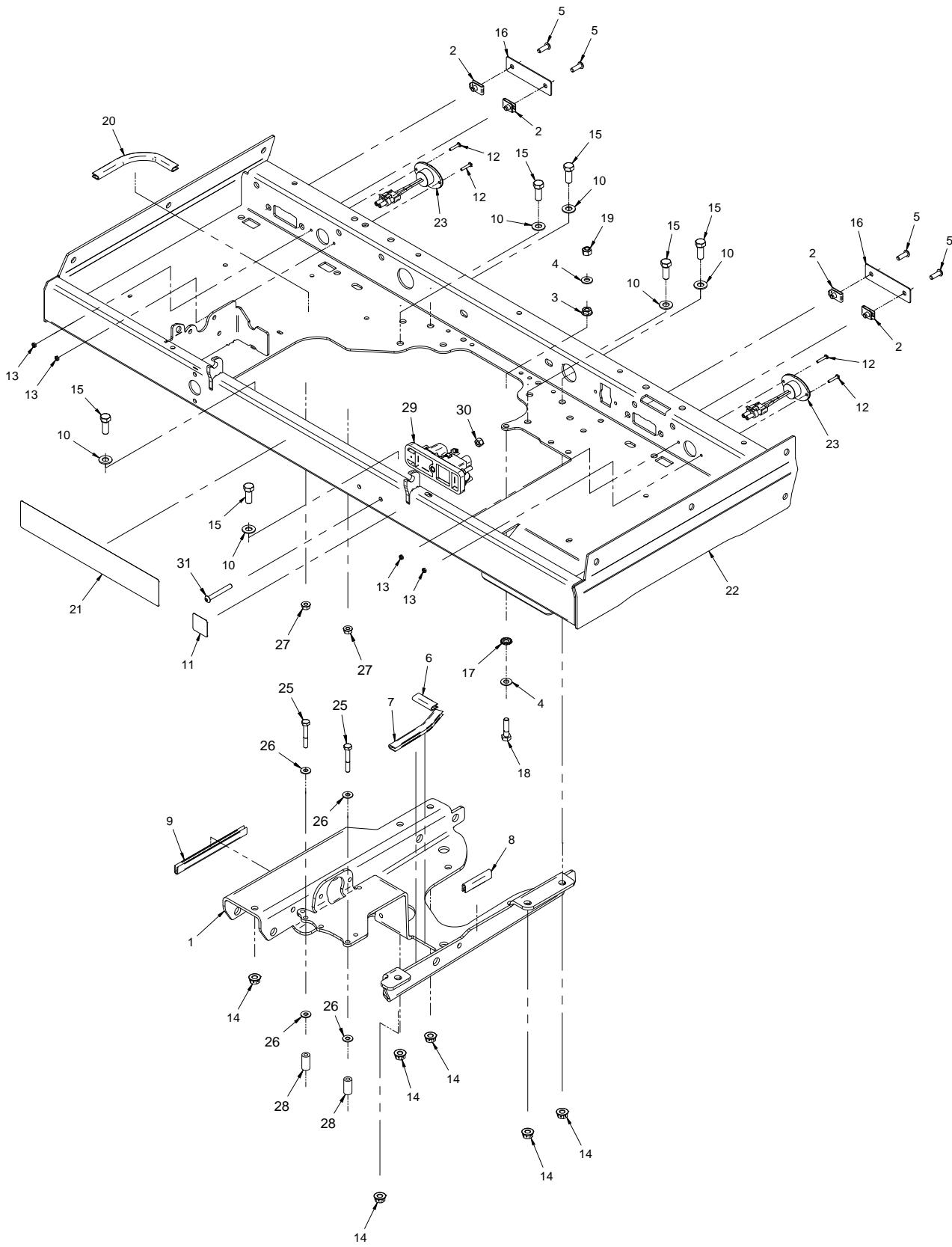
FRAMES / SHEET METAL

Lower Rear Frame

REF.	PART NO.	DESCRIPTION	QTY.
1	62.1368	FRAME, REAR UPPER (Serial # 01001-01374)	1
1	62.1394	FRAME, REAR UPPER (Serial # 01375-)	1
2	60.1118	COVER, REAR LOWER FRAME	1
3	60.1119	PANEL, FOOT PLATFORM RIGHT	1
4	99.E0105	NUT, INSERT 1/4-20 HEX	3
5	00.0315	DECAL, BATTERY DISCONNECT	1
6	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	2
7	99.0406	BOLT, 1/4-20 X 3/4 BSCS	3
8	99.SF04	NUT, SRF 1/4-20 USS	2
9	44.0220	FLEX TREAD, TUNNEL COVER	1
10	44.0331	FLEX TREAD, FOOT PLATFORM KN	2
11	95.08	WASHER, FLAT 1/2 SAE	7
12	99.SF08	NUT, SRF 1/2-13 USS	8
13	90.0808	BOLT, 1/2-13 USS X 1	7
14	99.0808	BOLT, 1/2-13 X 1 BSCS	1
15	62.1369	FRAME, REAR LOWER	1
16	64.1595	BRACKET, TRANSAXLE MOUNT RIGHT	1
17	64.1594	BRACKET, TRANSAXLE MOUNT LEFT	1
18	30.0338	BREAKER, CIRCUIT 150 AMP	1
19	99.K0047	MACHINE SCREW, #10-32 X 3/4	2
20	99.A1032N	LOCKNUT, NYLON 10-32 STAINLESS	2

FRAMES / SHEET METAL

ILLUSTRATED DRAWING Seat Box & Upper Rear Frame



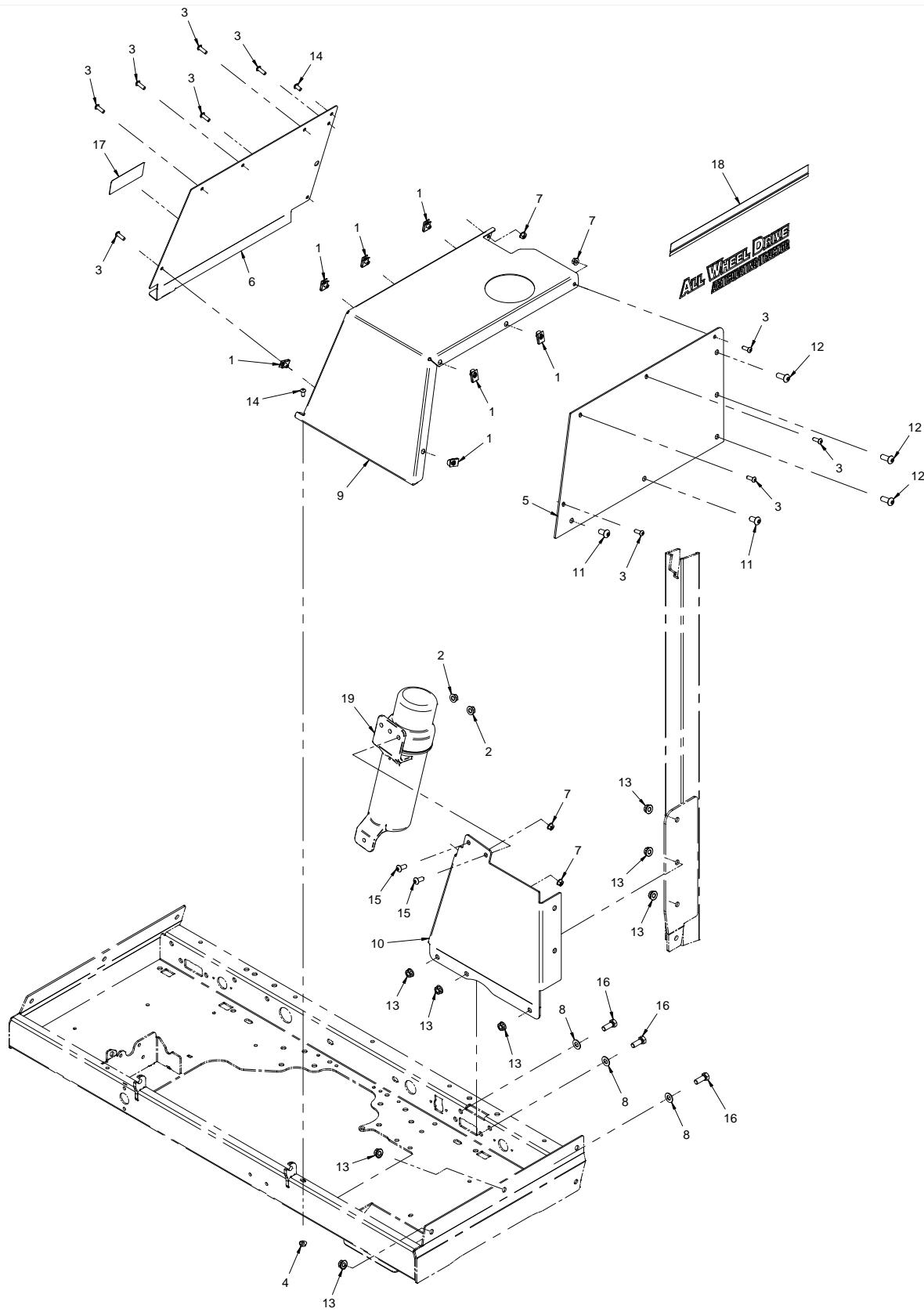
FRAMES / SHEET METAL

Seat Box & Upper Rear Frame

REF.	PART NO.	DESCRIPTION	QTY.
1	62.1368	FRAME, REAR UPPER (Serial # 01001-01374)	1
1	62.1394	FRAME, REAR UPPER (Serial # 01375-)	1
2	99.E0046	NUT, "U" 1/4-20 EXTRUDED	4
3	99.SF05	NUT, SRF 5/16-18 USS	5
4	95.05	WASHER, FLAT 5/16 SAE	6
5	99.0406	BOLT, 1/4-20 X 3/4 BSCS	4
6	06.0050-1.63IN	TRIM, TRIM LOC 1/2 X 3/16 X 1-5/8"	1
7	06.0050-4.5IN	TRIM, TRIM LOC 1/2 X 3/16 X 4-1/2"	1
8	06.0050-2.25IN	TRIM, TRIM LOC 1/2 X 3/16 X 2-1/4"	1
9	06.0050-6IN	TRIM, TRIM LOC 1/2 X 3/16 X 6"	1
10	95.06	WASHER, FLAT 3/8 SAE	6
11	00.0334	DECAL, FUEL ON/OFF	1
12	99.K0060	MACHINE SCREW, #6-32 X 3/4	4
13	99.E0085	LOCKNUT, NYLON #6-32	4
14	99.E0082	NUT, LOCKING FLANGE 3/8-16	6
15	90.0608	BOLT, 3/8-16 USS X 1	6
16	60.1174	COVER, OPT. LIGHT KIT HOLE	2
17	99.G0003	WASHER, STAR-EXTERNAL 5/16	1
18	90.0510	BOLT, 5/16-18 USS X 1-1/4"	1
19	99.A05N	LOCKNUT, NYLON 5/16-18 USS	1
20	06.0050-6IN	TRIM, TRIM LOC 1/2 X 3/16 X 6"	1
21	00.0336	DECAL, SAFETY 4500	1
22	62.1370	FRAME, SEATBOX	1
23	33.0061	LIGHT, MARKER RED OVAL	2
25	90.0414	BOLT, 1/4-20 USS X 1-3/4"	2
26	95.04	WASHER, FLAT 1/4 SAE	4
27	99.E0101	NUT, LOCKING FLANGE 1/4-20	2
28	05.0065	SPACER, 1/4 ID X 1/2 OD X 1 LG	2
29	30.0339	MODULE, POWER RELAY	1
30	99.A04N	LOCKNUT, NYLON 1/4-20	1
31	99.0416	BOLT, 1/4-20 X 2 BSCS	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING Left Seat Box Panels



FRAMES / SHEET METAL

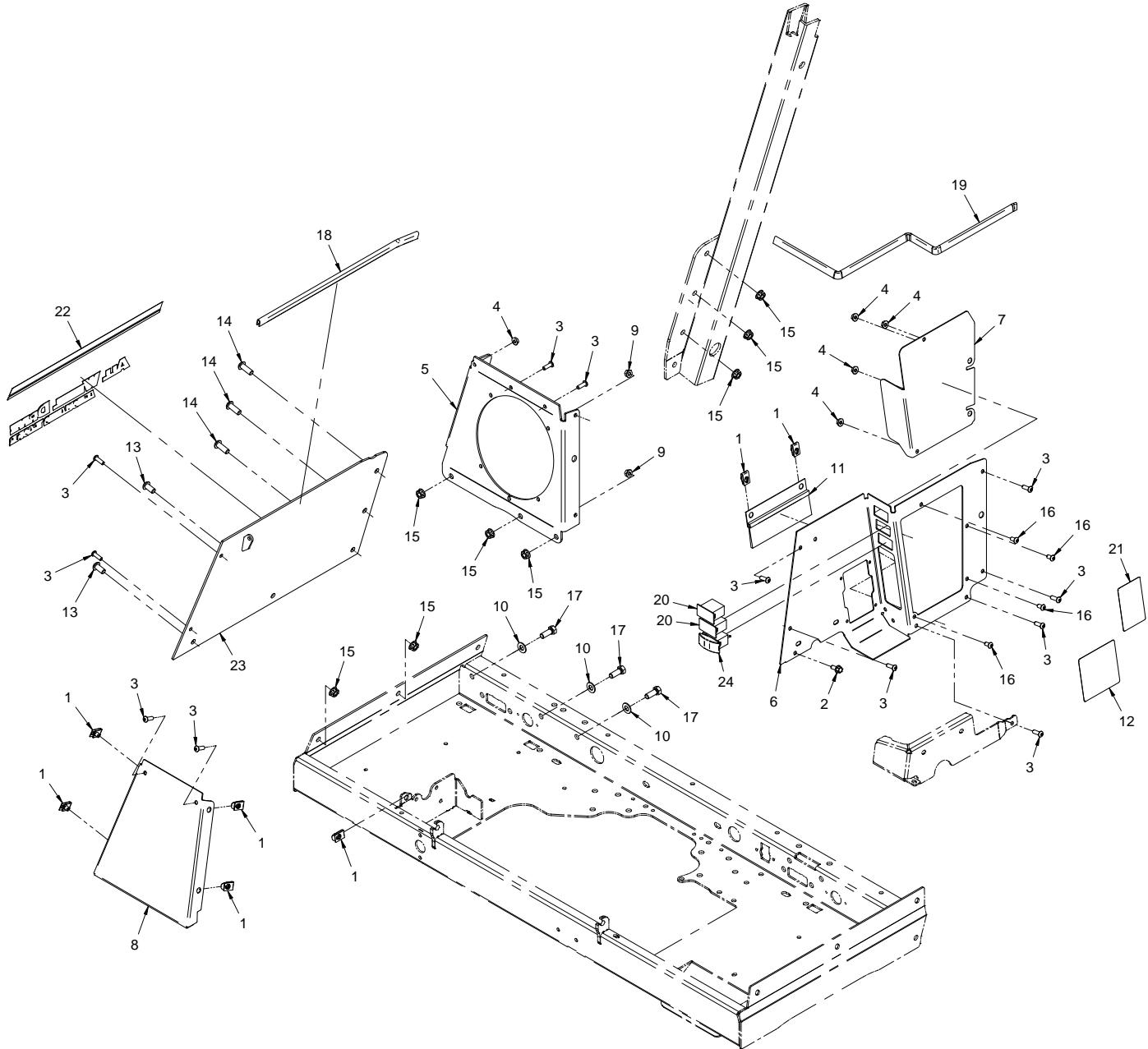
Left Seat Box Panels

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0046	.NUT, "U" 1/4-20 EXTRUDED	7
2	99.E0102	.NUT, LOCKING FLANGE 5/16-18	2
3	99.0406	.BOLT, 1/4-20 X 3/4 BSCS	10
4	99.SF04	.NUT, SRF 1/4-20 USS	1
5	60.1148	.PANEL, SEATBOX LEFT	1
6	60.1125	.COVER, FUEL TANK INNER	1
7	99.E0101	.NUT, LOCKING FLANGE 1/4-20	4
8	95.06	.WASHER, FLAT 3/8 SAE	3
9	60.1123	.COVER, FUEL TANK MAIN	1
10	60.1149	.PANEL, SEATBOX REAR LEFT	1
11	99.0606	.BOLT, 3/8-16 X 3/4 BSCS	2
12	99.0608	.BOLT, 3/8-16 X 1 BSCS	3
13	99.E0082	.NUT, LOCKING FLANGE 3/8-16	8
14	99.0404	.BOLT, 1/4-20 X 1/2 BSCS	2
15	99.0506	.BOLT, 5/16-18 X 3/4 BSCS	2
16	90.0608	.BOLT, 3/8-16 USS X 1	3
17	00.0345	.DECAL, DANGER BATTERY (Serial # 01001-14497)	1
17	00.0629	.DECAL, BATTERY HAZARD (Serial # 14498-)	1
18	00.0301	.DECAL, REAR LEFT	1
19	47.0323	.CONTAINER, MANUAL HOLDER	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING

Right Seat Box Panels



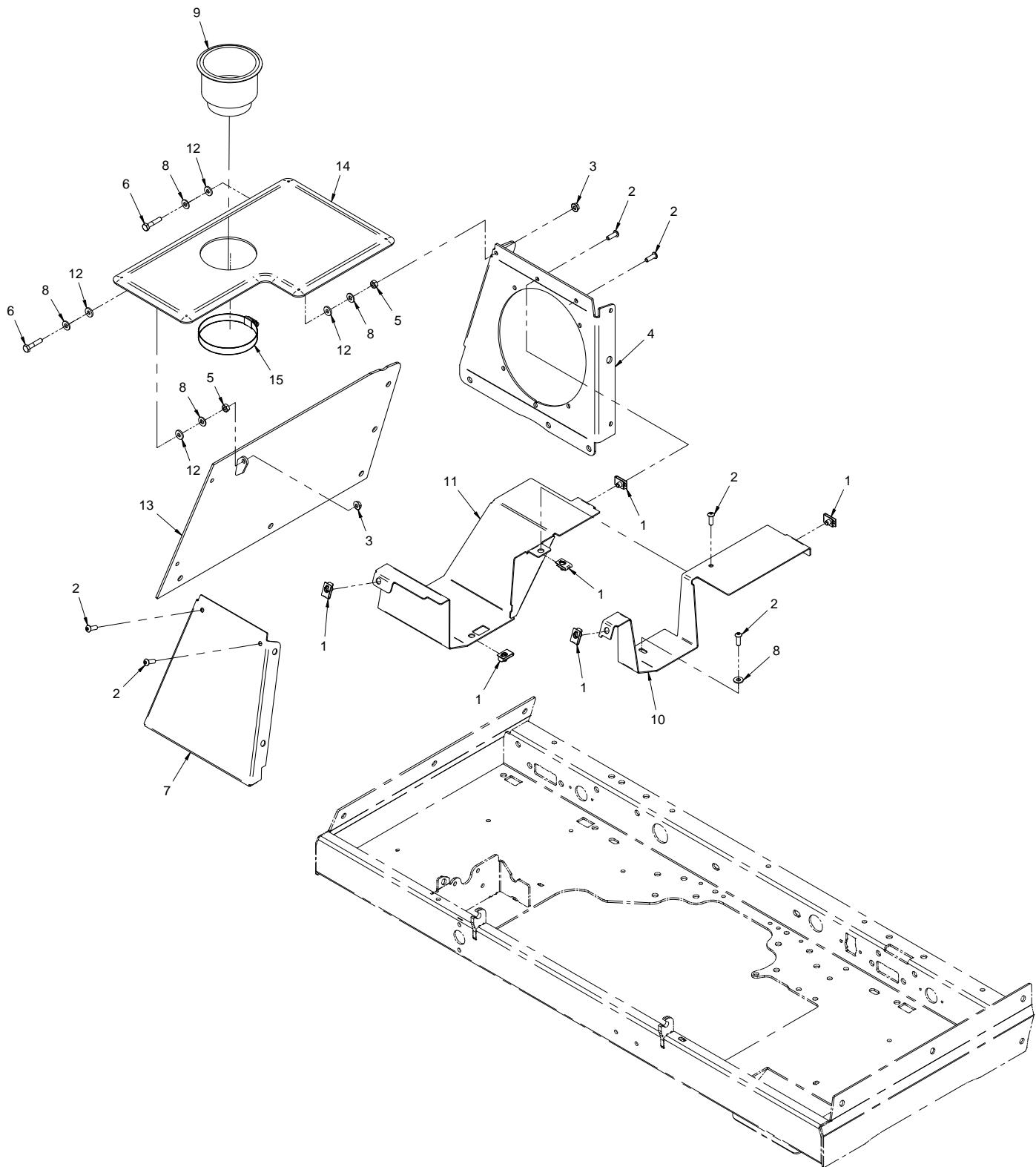
FRAMES / SHEET METAL

Right Seat Box Panels

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0046	NUT, "U" 1/4-20 EXTRUDED	7
2	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	1
3	99.0406	BOLT, 1/4-20 X 3/4 BSCS	12
4	99.SF04	NUT, SRF 1/4-20 USS	5
5	60.1150	PANEL, SEATBOX REAR RIGHT	1
6	60.1124	PANEL, TOOLBOX INNER	1
7	64.1596	SCREEN, HYD. OIL COOLER	1
8	60.1128	PANEL, TOOLBOX FRONT BASIC	1
9	99.E0101	NUT, LOCKING FLANGE 1/4-20	2
10	95.06	WASHER, FLAT 3/8 SAE	3
11	79.0093	BRUSH, SIDE PANEL W/HOLDER	1
12	00.0316	DECAL, SDLA	1
13	99.0606	BOLT, 3/8-16 X 3/4 BSCS	2
14	99.0608	BOLT, 3/8-16 X 1 BSCS	3
15	99.E0082	NUT, LOCKING FLANGE 3/8-16	8
16	99.0404	BOLT, 1/4-20 X 1/2 BSCS	4
17	90.0608	BOLT, 3/8-16 USS X 1	3
18	06.0050-16.5IN	TRIM, TRIM LOC 1/2 X 3/16 X 16-1/2"	1
19	06.0042-24.5IN	TRIM, TRIM LOC 1/2 X 1/16 X 24-1/2"	1
20	05.0131	PLUG, SWITCH OTTO K5	2
21	00.0306	DECAL, REAR CONTROL	1
22	00.0302	DECAL, REAR RIGHT	1
23	60.1147	PANEL, SEATBOX RIGHT	1
24	31.0053	SWITCH, ROCKER ON/OFF	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING Tool Box Lid & Liner Panels



FRAMES / SHEET METAL

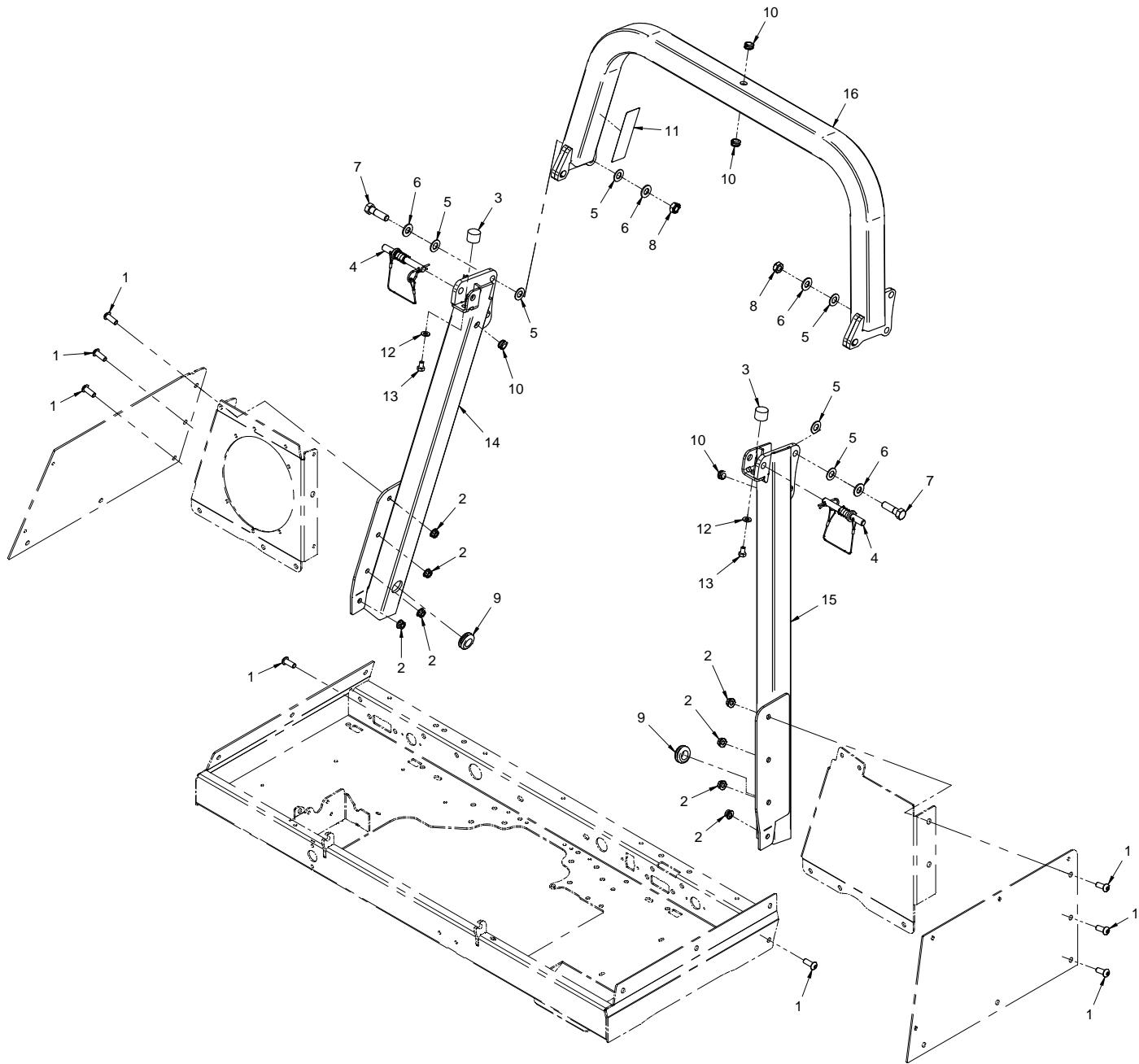
Tool Box Lid & Liner Panels

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0046	.NUT, "U" 1/4-20 EXTRUDED	6
2	99.0406	.BOLT, 1/4-20 X 3/4 BSCS	6
3	99.SF04	.NUT, SRF 1/4-20 USS.....	2
4	60.1150	.PANEL, SEATBOX REAR RIGHT	1
5	92.04	.NUT, 1/4-20 USS	2
6	90.0410	.BOLT, 1/4-20 USS X 1/1-4"	2
7	60.1128	.PANEL, TOOLBOX FRONT BASIC	1
8	95.04	.WASHER, FLAT 1/4 SAE	5
9	47.0185	.HOLDER, CUP 3.586 OD X 3-1/4 DP	1
10	60.1152	.PANEL, TOOLBOX LINER LEFT	1
11	60.1153	.PANEL, TOOLBOX LINER RIGHT	1
12	05.0126	.WASHER, NEOPRENE 1/4 X 5/8	4
13	60.1147	.PANEL, SEATBOX RIGHT	1
14	60.1126	.COVER, TOOLBOX	1
15	11.0077	.CLAMP, HOSE 3-1/16" - 4" (Serial # 03012-)	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING

Roll Bar



FRAMES / SHEET METAL

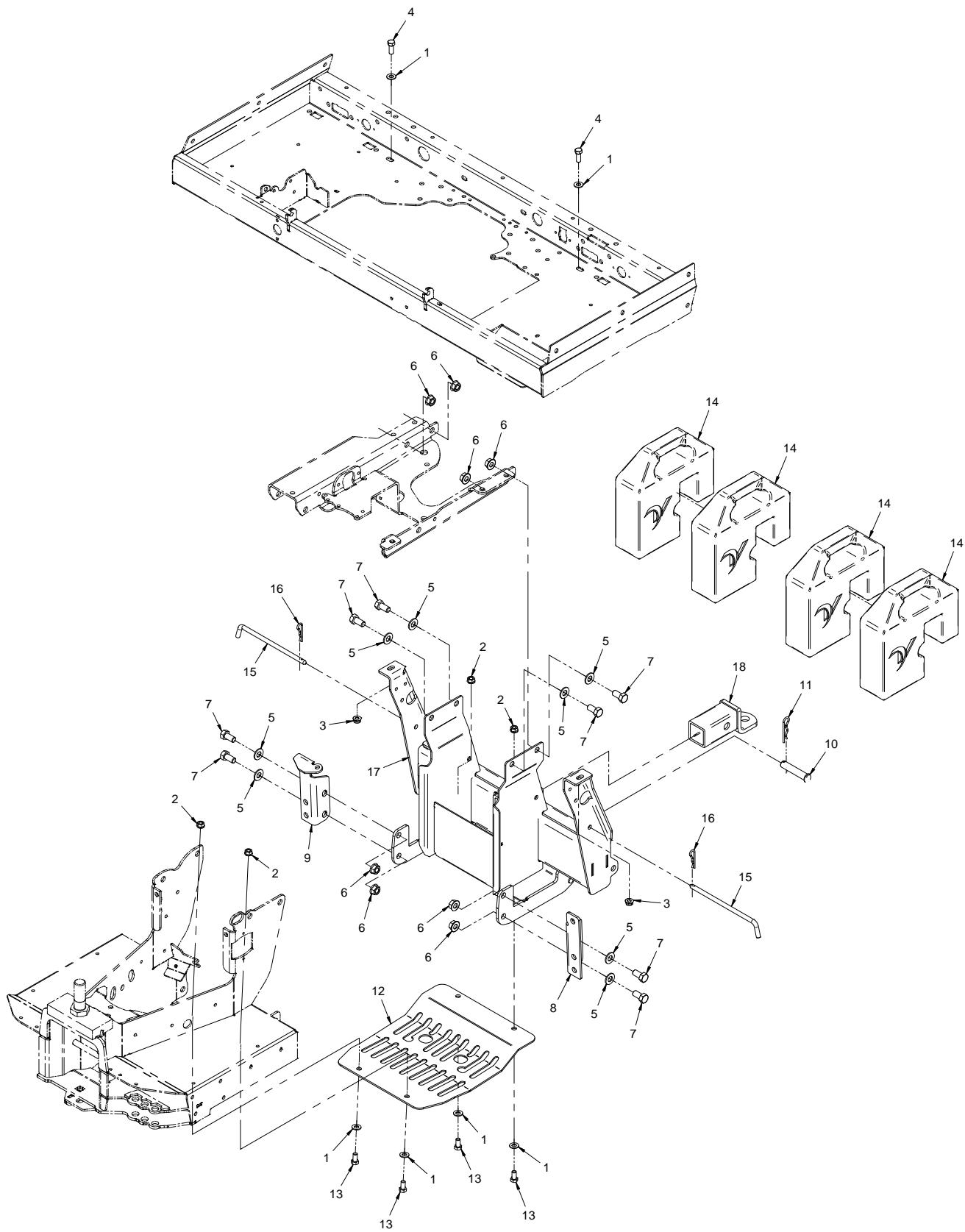
Roll Bar

REF.	PART NO.	DESCRIPTION	QTY.
1	99.0608	BOLT, 3/8-16 X 1 BSCS	8
2	99.E0082	NUT, LOCKING FLANGE 3/8-16	8
3	05.0110	BUMPER, RUBBER 1" DIA	2
4	03.0037	PIN, KNRLED W/SPRING & LANYARD	2
5	05.0145	WASHER .55ID X 1.03OD X .062T	6
6	95.08	WASHER, FLAT 1/2 SAE	4
7	90.0814	BOLT, 1/2-13 USS X 1-3/4	2
8	99.A08	LOCKNUT, STOVER 1/2-13 USS	2
9	05.0045	GROMMET, 3/4ID,1 3/8OD,1/2THK	2
10	05.0138	GROMMET, 7/16ID, 11/16OD, 3/8THK	4
11	00.0331	DECAL, ROPS CERTIFICATION (Serial # 01001-14497)	1
11	00.0644	DECAL, ROPS 4500 CERTIFICATION (Serial # 14498-)	1
12	95.05	WASHER, FLAT 5/16 SAE	2
13	90.0504	BOLT, 5/16-18 USS X 1/2"	2
14	62.1381	ROLLBAR, FOLD DOWN RIGHT	1
15	62.1382	ROLLBAR, FOLD DOWN LEFT	1
16	62.1380	ROLLBAR, FOLD DOWN TOP	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING

Standard Rear Hitch



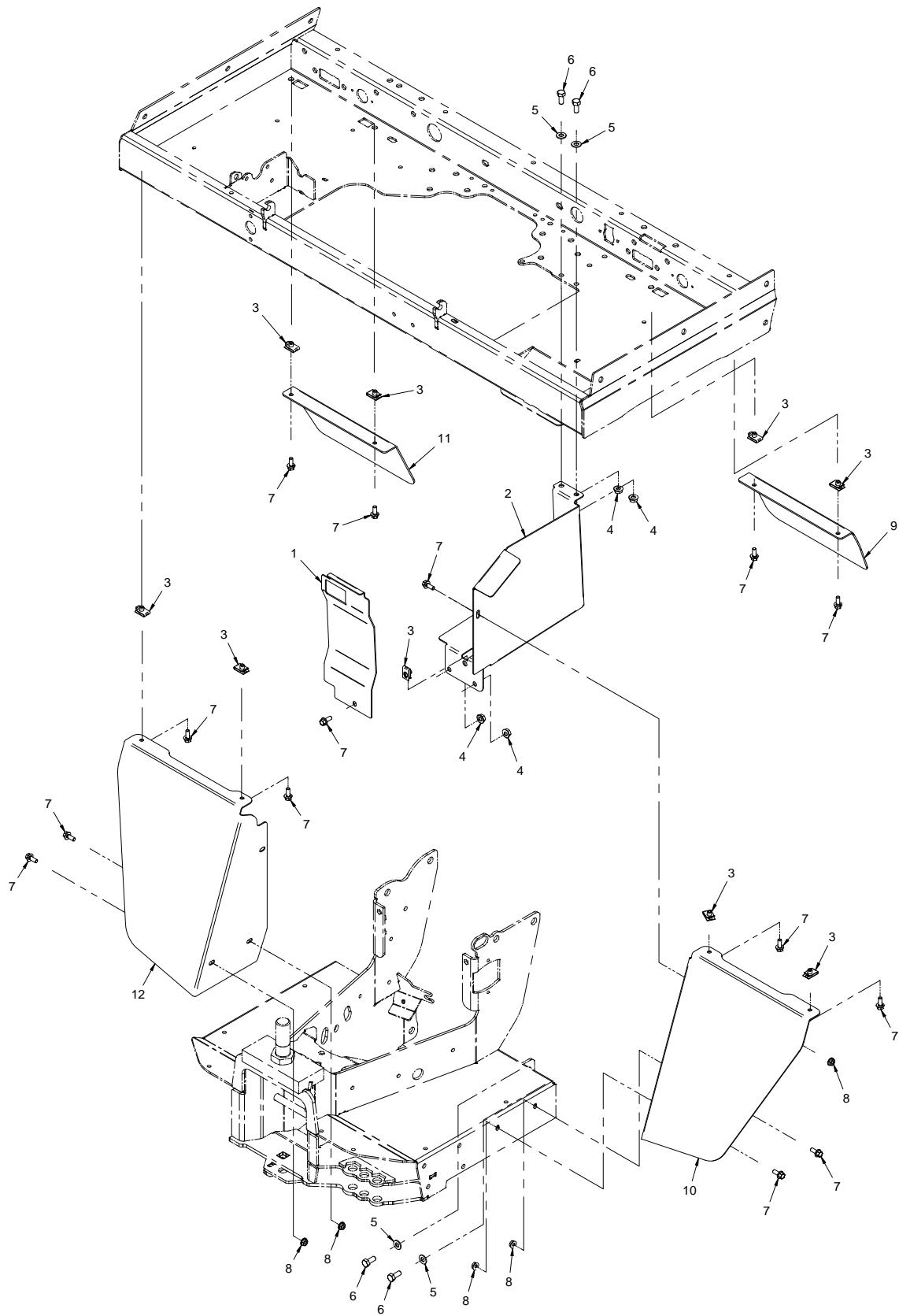
FRAMES / SHEET METAL

Standard Rear Hitch

REF.	PART NO.	DESCRIPTION	QTY.
1	95.06	WASHER, FLAT 3/8 SAE	6
2	99.SF06	NUT, SRF 3/8-16 USS	4
3	99.E0082	NUT, LOCKING FLANGE 3/8-16	2
4	90.0608	BOLT, 3/8-16 USS X 1	2
5	95.08	WASHER, FLAT 1/2 SAE	8
6	99.SF08	NUT, SRF 1/2-13 USS	8
7	90.0808	BOLT, 1/2-13 USS X 1	8
8	64.1592	BRACKET, REAR HITCH MT LEFT (Serial # 01001-02923)	1
8	64.1865	BRACKET, REAR HITCH MT LEFT (Serial # 02924-)	1
9	64.1591	BRACKET, REAR HITCH MT RIGHT (Serial # 01001-02923)	1
9	64.1866	BRACKET, REAR HITCH MT RIGHT (Serial # 02924-)	1
10	03.1024	CLEVIS PIN, 5/8 X 3 OAL	1
11	02.HP0420	HAIRPIN, 1/8 X 2 1/2	1
12	64.1679	PLATE, REAR AXLE SKID NO3PT (Serial # 01001-02923)	1
12	64.1867	PLATE, REAR AXLE SKID NO3PT (Serial # 02924-)	1
13	90.0606	BOLT, 3/8-16 USS X 3/4	4
14	47.0115-1	WEIGHT, SUITCASE - 42 LBS	4
15	64.0761	PIN, WEIGHT SECURE 7.3" USEABLE	2
16	02.HP0416	HAIRPIN, 1/8 X 2	2
17	62.1363	FRAME, REAR WEIGHT BAR/HITCH	1
18	62.0968	HITCH, REAR	2

FRAMES / SHEET METAL

ILLUSTRATED DRAWING Rear Fenders & Battery Compartment



FRAMES / SHEET METAL

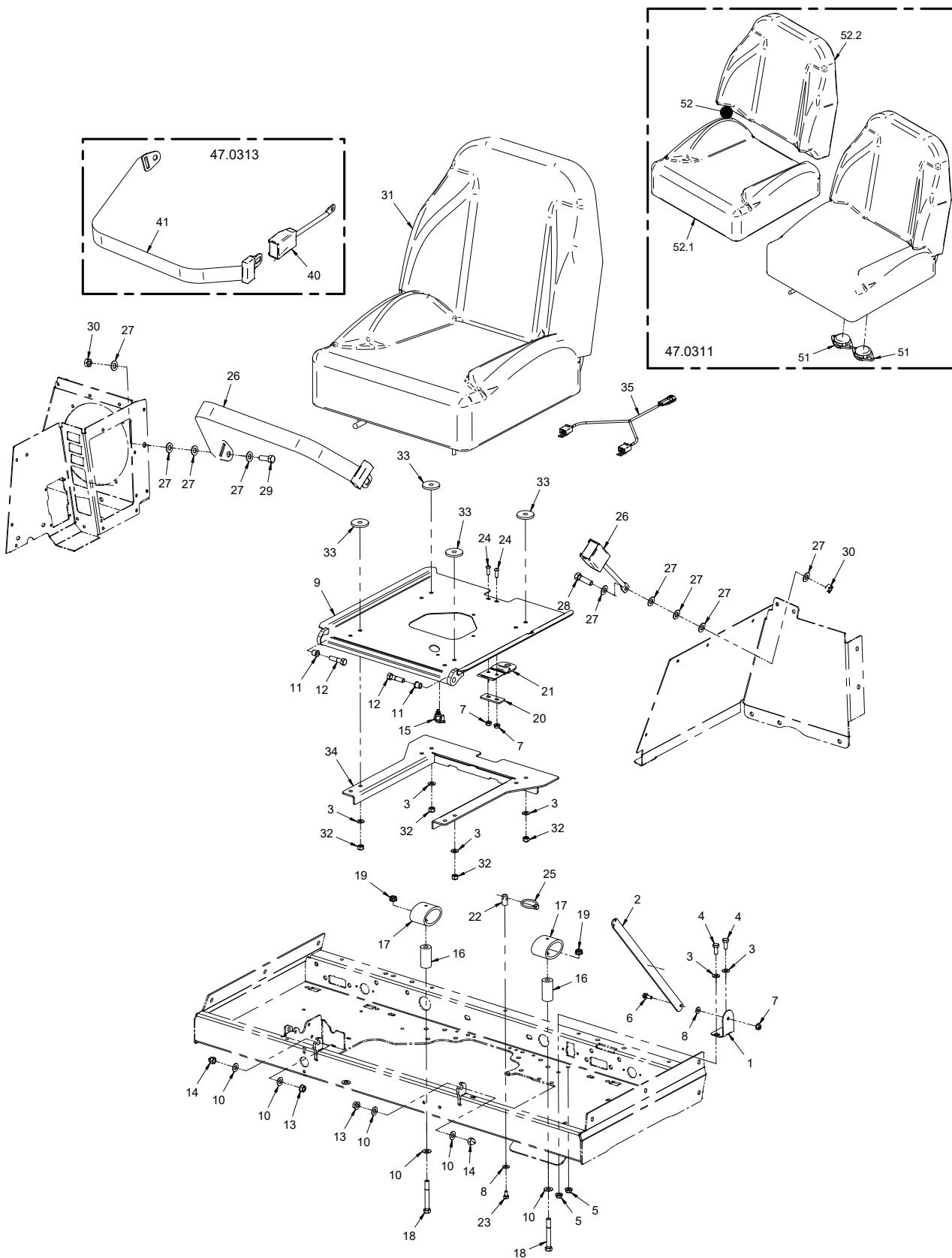
Rear Fenders & Battery Compartment

REF.	PART NO.	DESCRIPTION	QTY.
1	60.1117	PANEL, FOOT PLATFORM LEFT	1
2	60.1116	PANEL, BATTERY COMPARTMENT	1
3	99.E0046	NUT, "U" 1/4-20 EXTRUDED	9
4	99.SF05	NUT, SRF 5/16-18 USS.	4
5	95.05	WASHER, FLAT 5/16 SAE	4
6	90.0506	BOLT, 5/16-18 USS X 3/4"	4
7	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	14
8	99.SF04	NUT, SRF 1/4-20 USS.	5
9	60.1127	FENDER, REAR FLAP LEFT	1
10	60.1130	FENDER, REAR LEFT	1
11	60.1146	FENDER, REAR FLAP RIGHT	1
12	60.1131	FENDER, REAR RIGHT	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING

Standard Seat Assembly



FRAMES / SHEET METAL

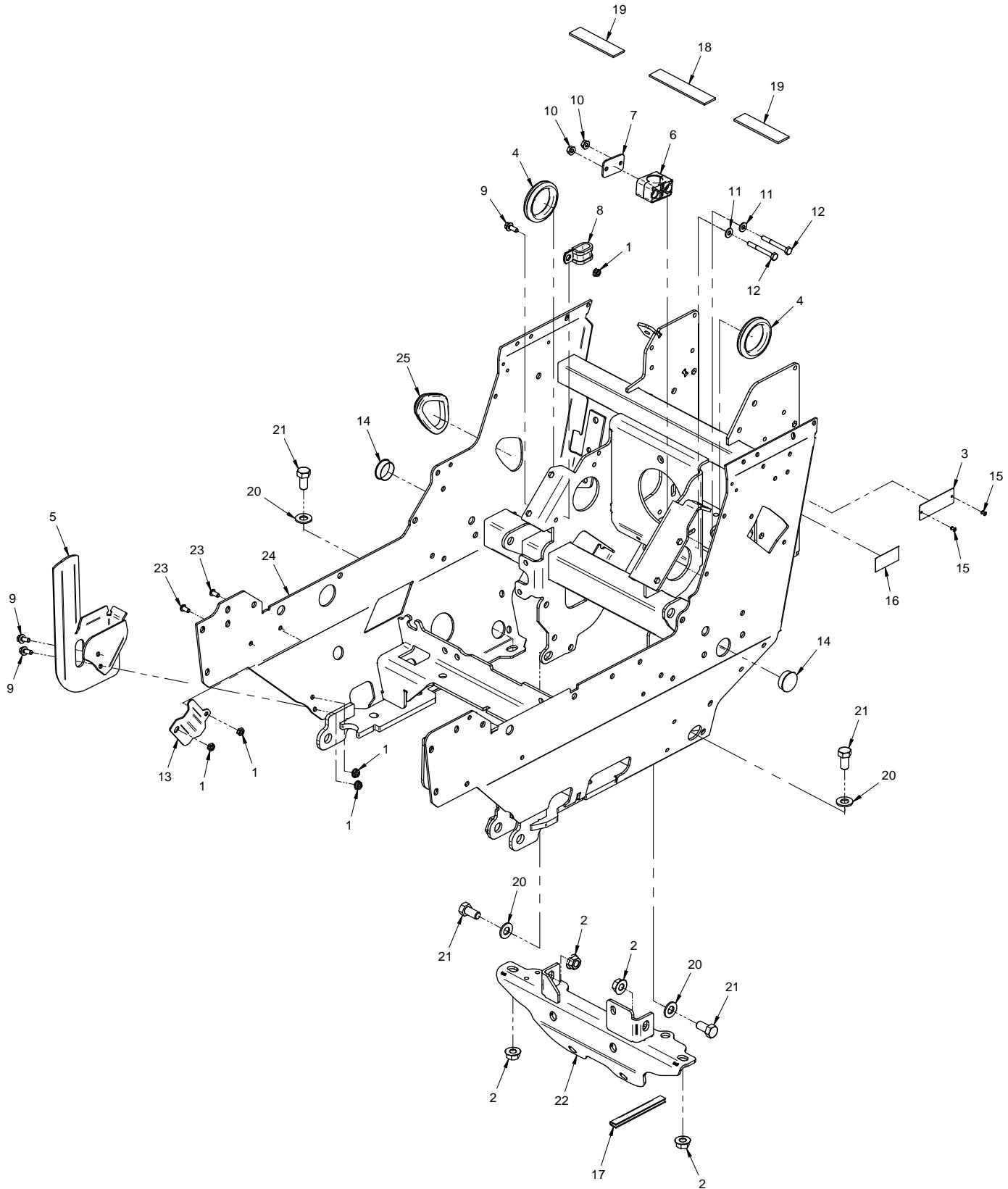
Standard Seat Assembly

REF.	PART NO.	DESCRIPTION	QTY.
1	64.1598	BRACKET, SEAT PROP	1
2	64.1599	PLATE, SEAT PROP	1
3	95.05	WASHER, FLAT 5/16 SAE	6
4	90.0506	BOLT, 5/16-18 USS X 3/4"	2
5	99.SF05	NUT, SRF 5/16-18 USS	2
6	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	1
7	99.E0101	NUT, LOCKING FLANGE 1/4-20	3
8	95.04	WASHER, FLAT 1/4 SAE	2
9	64.1597	MOUNT, SEAT	1
10	95.06	WASHER, FLAT 3/8 SAE	7
11	85.B0068	BUSHING, 3/8 X 1/2 OD X 1/2 LG	2
12	90.0612	BOLT, 3/8-16 USS X 1-1/2	2
13	99.SF06	NUT, SRF 3/8-16 USS	2
14	99.E0100	NUT, ACORN 3/8-16	2
15	30.0135	CLAMP, LOOM 3/8 ROSEBUD MOUNT	1
16	64.1681	TUBE, SEAT BUMPER	2
17	05.0137	BUMPER, ELASTOMER 3.4"	2
18	90.0624	BOLT, 3/8-16 USS X 3	2
19	99.E0082	NUT, LOCKING FLANGE 3/8-16	2
20	64.1723	CLAMP, SEAT LATCH STRAP	1
21	47.0335	STRAP, SEAT LATCH	1
22	03.0019	PIN, SEAT LATCH	1
23	90.0404	BOLT, 1/4-20 USS X 1/2"	1
24	99.0406	BOLT, 1/4-20 X 3/4 BSCS	2
25	03.0021	PIN, LINCH	1
26	47.0313	SEAT BELT, LAP W/BUCKLE	1
27	95.07	WASHER, FLAT 7/16 SAE	9
28	90.0712	BOLT, 7/16-14 USS X 1-1/2	1
29	90.0710	BOLT, 7/16-14 USS X 1-1/4	1
30	99.A07	LOCKNUT, STOVER 7/16-14 USS	2
31	47.0311	SEAT, DELUXE HIGH BACK	1
32	99.A05N	LOCKNUT, NYLON 5/16-18 USS	4
33	99.B0076	WASHER, .140T X .395ID X 1.5OD	4
34	64.1684	BRACKET, SEAT SUPPORT	1
35	32.0143	HARNESS, 3400/4500 SEAT	1
40	47.0313-2	SEAT BELT, BUCKLE	1
41	47.0313-1	SEAT BELT, LAP BELT	1
51	31.0060	SWITCH, SEAT	2
52	47.0347	COVER, SEAT BOTTOM & BACK	1
52.1	47.0366	COVER, SEAT BOTTOM	1
52.2	47.0409	COVER, SEAT BACK FOR 47.0311	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING

Front Frame, Frame Connector Bracket, Hose Retainer



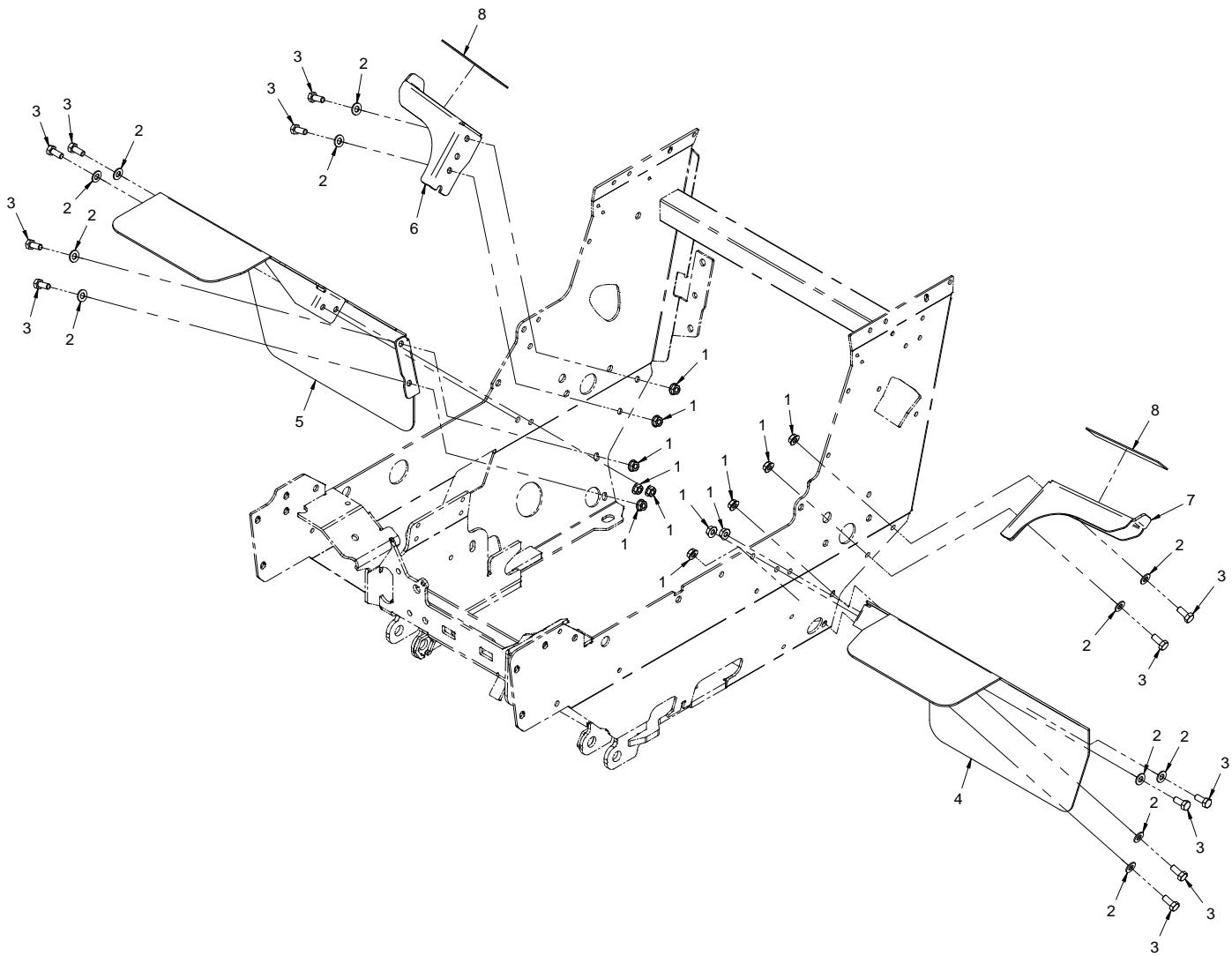
FRAMES / SHEET METAL

Front Frame, Frame Connector Bracket, Hose Retainer

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.....	5
2	99.SF08	.NUT, SRF 1/2-13 USS.....	4
3	N/A	.PLATE, VENTRAC SERIAL NUMBER	1
4	05.0073	.GROMMET, 2 ID, 2-3/4 OD 9/16 T	2
5	64.1827	.BRACKET, HOSE RETAINER.....	1
6	44.0320	.CLAMP, HYD HOSE 25.4MM ID	1
7	44.0321	.COVER PLATE, GROUP 3 (1).....	1
8	11.0046	.CLAMP, CUSHIONED METAL 1/2"	1
9	99.SF0405-1	.BOLT, SMF 1/4-20 X 5/8	3
10	99.E0101	.NUT, LOCKING FLANGE 1/4-20	2
11	95.04	.WASHER, FLAT 1/4 SAE	2
12	90.0418	.BOLT, 1/4-20 USS X 2-1/4"	2
13	64.1729	.RETAINER, WIRE LOOM.....	1
14	05.0091	.PLUG, 1-1/4" HOLE, BLK PLASTIC.....	2
15	04.0029	.RIVET, POP 1/8" X 1/4".....	2
16	00.0100	.DECAL, MADE IN USA.....	1
17	06.0050-4.5IN	.TRIM, TRIM LOC 1/2 X 3/16 X 4-1/2"	1
18	06.0065-5IN	.VELCRO, LOOP 1" BLACK X 5"	1
19	06.0065-4IN	.VELCRO, LOOP 1" BLACK X 4"	2
20	95.08	.WASHER, FLAT 1/2 SAE	4
21	90.0808	.BOLT, 1/2-13 USS X 1.....	4
22	64.1613	.BRACKET, CONNECTOR FRAME MT (Serial # 01001-03011)	1
22	64.1863	.BRACKET, CONNECTOR FRAME MT (Serial # 03012-)	1
23	99.0404	.BOLT, 1/4-20 X 1/2 BSCS	2
24	62.1373	.FRAME, MAIN FRONT.....	1
25	05.0148	.GROMMET, 2-1/2ID, 3-1/8OD, 3/8T	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING Front Fenders & Foot Pegs



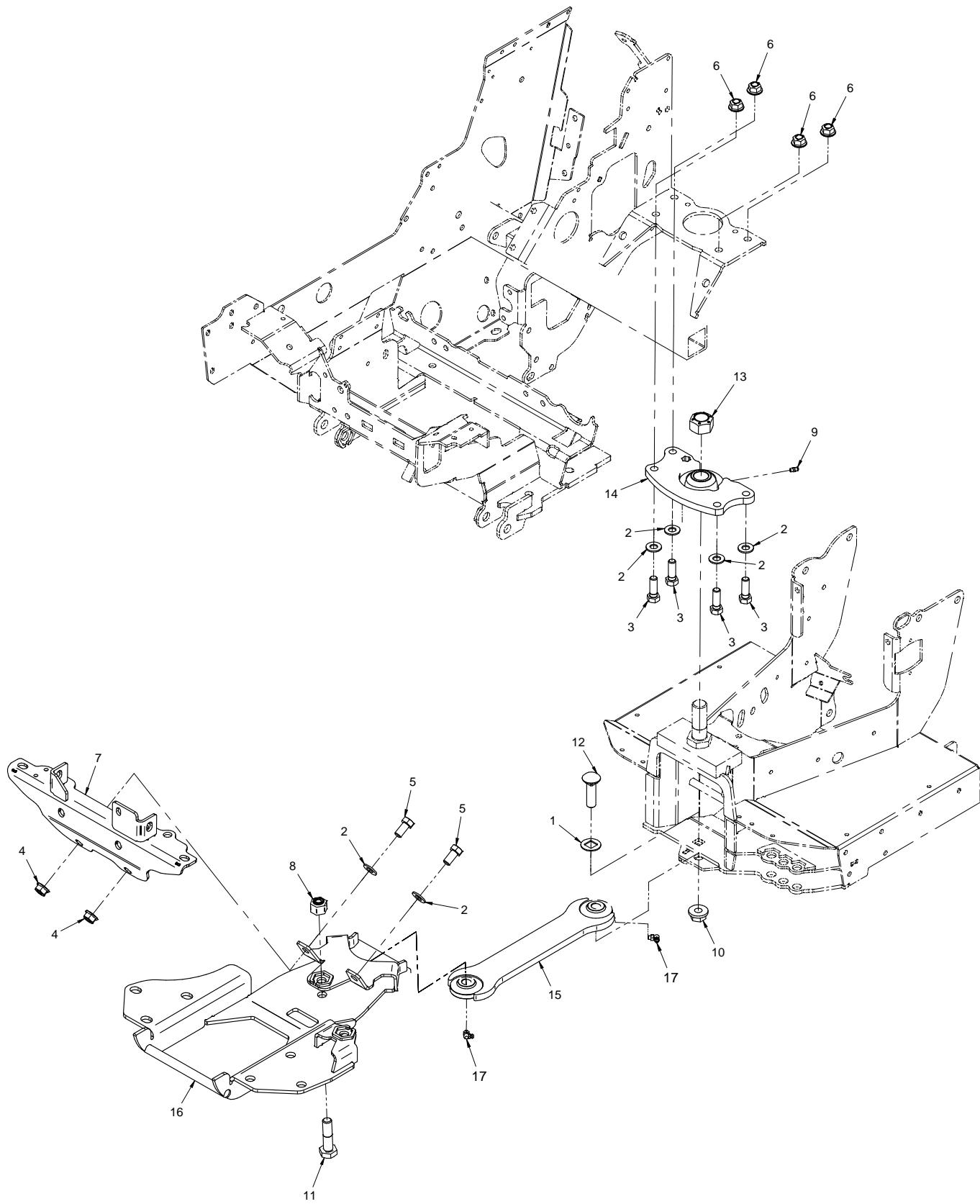
FRAMES / SHEET METAL

Front Fenders & Foot Pegs

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF05	.NUT, SRF 5/16-18 USS.....	12
2	95.05	.WASHER, FLAT 5/16 SAE.....	12
3	90.0506	.BOLT, 5/16-18 USS X 3/4"	12
4	60.1133	.FENDER, FRONT LEFT.....	1
5	60.1134	.FENDER, FRONT RIGHT.....	1
6	64.1707	.FOOT PEG, RIGHT	1
7	64.1708	.FOOT PEG, LEFT.....	1
8	44.0330	.FLEX TREAD, FOOT PEG.....	2

FRAMES / SHEET METAL

ILLUSTRATED DRAWING Center Pivot & Connector Link



FRAMES / SHEET METAL

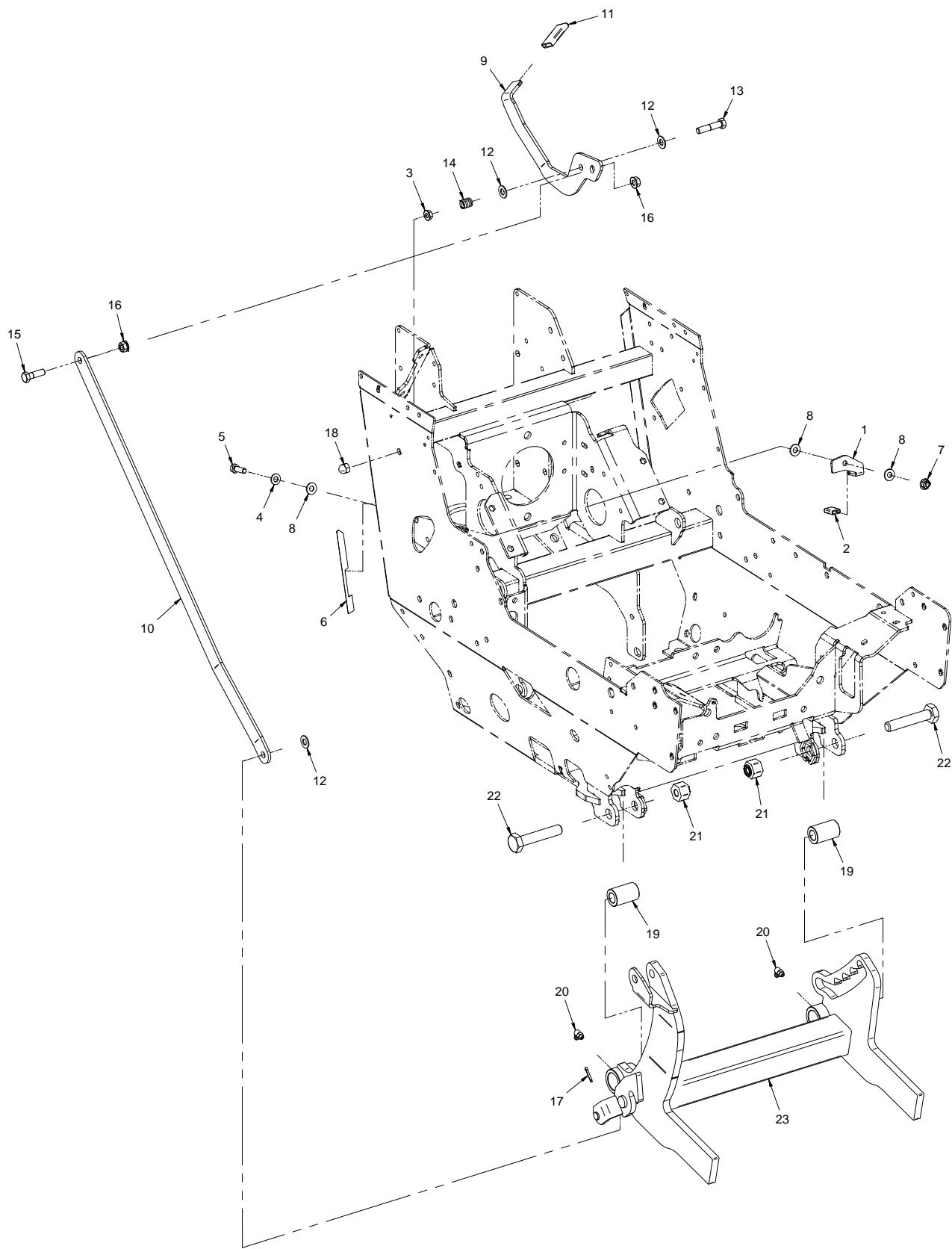
Center Pivot & Connector Link

REF.	PART NO.	DESCRIPTION	QTY.
1	64.1724	SPACER, CONNECTOR LINK BOLT	1
2	95.08	WASHER, FLAT 1/2 SAE	6
3	90.0812	BOLT, 1/2-13 USS X 1-1/2	4
4	99.SF08	NUT, SRF 1/2-13 USS	2
5	90.0808	BOLT, 1/2-13 USS X 1	2
6	99.E0103	NUT, LOCKING FLANG 1/2-13	4
7	64.1613	BRACKET, CONNECTOR FRAME MT (Serial # 01001-03011)	1
7	64.1863	BRACKET, CONNECTOR FRAME MT (Serial # 03012-)	1
8	99.E0095	LOCKNUT, 5/8-11 HEAVY NYLON	1
9	29.GF0001	GREASE FTG, 1/4 SAE ST	1
10	99.E0094	LOCKNUT, 5/8-11 FLANGED STOVER	1
11	99.K0112	BOLT, 5/8-11 X 2-1/2 GRD A325	1
12	97.1018	BOLT, CARRIAGE 5/8-11 X 2-1/4 GR5	1
13	99.A16NF	LOCKNUT, STOVER 1" SAE	1
14	42.0553	PIVOT, CENTER MAIN	1
15	42.0560	LINK, FRONT/REAR CONNECTOR	1
16	62.1371	FRAME, CONNECTOR LINK MOUNT	1
17	29.GF0002	GREASE, FTG. 1/4 SAE 90	2

FRAMES / SHEET METAL

ILLUSTRATED DRAWING

Front Hitch



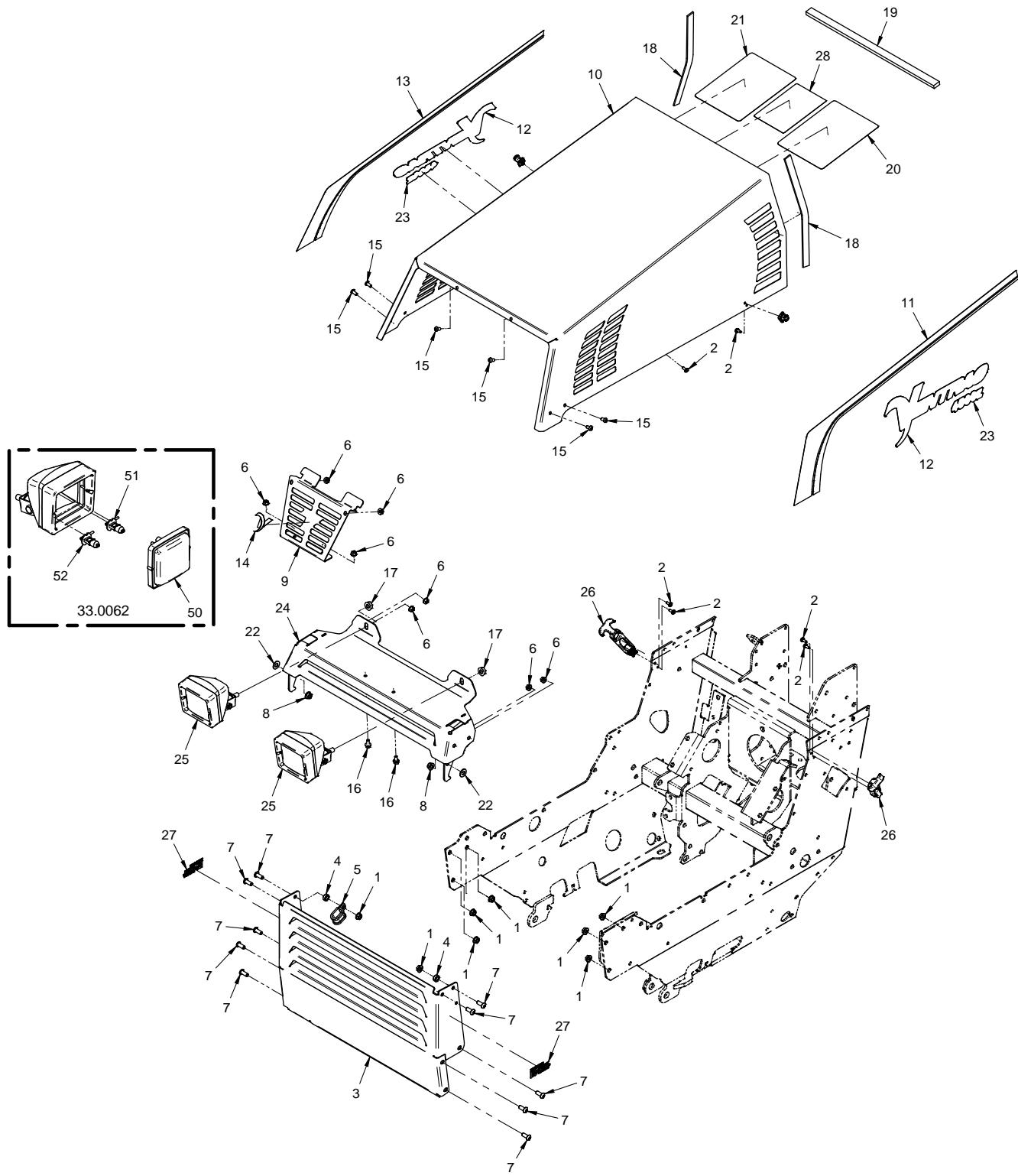
FRAMES / SHEET METAL

Front Hitch

REF.	PART NO.	DESCRIPTION	QTY.
1	64.1617	LOCK, FRONT HITCH LEVER	1
2	06.0044	CAP, PLASTIC 1/8 X 1/2 X 7/8	1
3	99.SF05	NUT, SRF 5/16-18 USS	1
4	95.05	WASHER, FLAT 5/16 SAE	1
5	90.0508	BOLT, 5/16-18 USS X 1"	1
6	00.0317	DECAL, FRONT HITCH LOCK	1
7	99.E0102	NUT, LOCKING FLANGE 5/16-18	1
8	05.0055	WASHER, NYLON .34 X .74 X .062	3
9	40.0376	LEVER, FRONT HITCH LATCH	1
10	42.0558	LINK, FRONT HITCH LATCH	1
11	06.0051	CAP, 3/16 X 15/16 X 1-3/4 FE	1
12	95.06	WASHER, FLAT 3/8 SAE	3
13	90.0614	BOLT, 3/8-16 USS X 1-3/4	1
14	41.0039	SPRING, COMP. 9/16 OD X 5/8	1
15	90.0610	BOLT, 3/8-16 USS X 1-1/4	1
16	99.SF06	NUT, SRF 3/8-16 USS	2
17	02.CP0406	COTTER PIN, 1/8 X 3/4	1
18	99.E0100	NUT, ACORN 3/8-16	1
19	64.1609	BUSHING, FRONT HITCH PIVOT	2
20	29.GF0002	GREASE FTG, 1/4 SAE 90	2
21	99.E0095	LOCKNUT, 5/8-11 HEAVY NYLON	2
22	99.K0121	BOLT, 5/8-11 X 3-1/4 GRD A325	2
23	62.1374	FRAME, FRONT HITCH	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING Hood, Grill, & Headlights



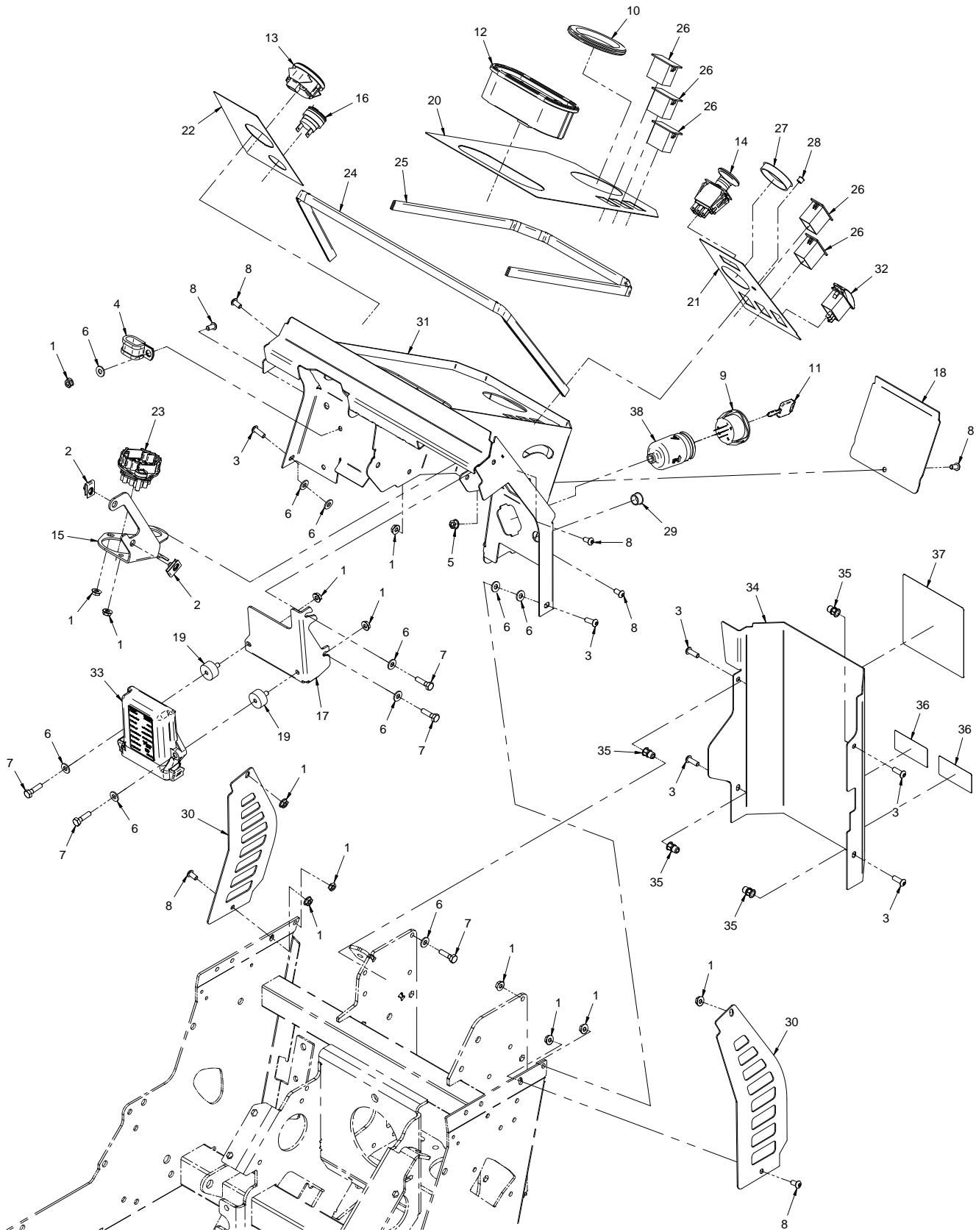
FRAMES / SHEET METAL

Hood, Grill, & Headlights

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF05	.NUT, SRF 5/16-18 USS.....	8
2	99.K0072	.MACHINE SCREW, 10-24 X 1/2 ZP.....	6
3	62.1372	.BUMPER, FRONT.....	1
4	64.0602	.BUSHING, 3/8 X 5/8 X .265	2
5	11.0046	.CLAMP, CUSHIONED METAL 1/2"	1
6	99.E0101	.NUT, LOCKING FLANGE 1/4-20	8
7	99.0506	.BOLT, 5/16-18 X 3/4 BSCS	10
8	99.E0102	.NUT, LOCKING FLANGE 5/16-18	2
9	60.1145	.GRILL, FRONT FILLER	1
10	60.1144	.HOOD, ENGINE 4500.....	1
11	00.0299	.DECAL, HOOD LEFT	1
12	00.0308	.DECAL, VENTRAC.....	2
13	00.0300	.DECAL, HOOD RIGHT.....	1
14	00.0326	.DECAL, "V" RAISED.....	1
15	99.0404	.BOLT, 1/4-20 X 1/2 BSCS	6
16	99.SF0404-1	.BOLT, SMF 1/4-20 X 1/2	2
17	99.M0021	.NUT, SMF M10 X 1.5MM	2
18	06.0045-12IN	.WEATHERSTRIP, 1/8 X 3/4 X 12.....	2
19	06.0055-17IN	.WEATHERSTRIP, 3/8 X 3/4 X 17.....	1
20	00.0307	.DECAL, MAINTENANCE	1
21	00.0337	.DECAL, QUICK REFERENCE 4500	1
22	05.0083	.WASHER, NYLON .377 X.875 X.062.....	2
23	00.0311	.DECAL, 4500Z.....	2
24	60.1143	.GRILL, FRONT (Serial # 01001-02490)	1
24	60.1253	.GRILL, FRONT (Serial # 02491-)	1
25	33.0062	.LIGHT, WORK 3 X 3	2
26	47.0127	.LATCH, RUBBER DRAW T-HANDLE	2
27	00.0323	.DECAL, ENGINE BI FUEL READY	2
28	00.0385	.DECAL, MAINTENANCE ENGINE OIL	1
50	33.0054	.OPTICAL UNIT, LENS/REFLECTOR	1
51	33.0055	.BULB, LIGHT (ONLY) FOR 55 WATT	1
52	33.0056	.BULB, LIGHT (ONLY) FOR 35 WATT (Optional).....	1

FRAMES / SHEET METAL

ILLUSTRATED DRAWING Dash, Dash Brackets, Decals, & Switches



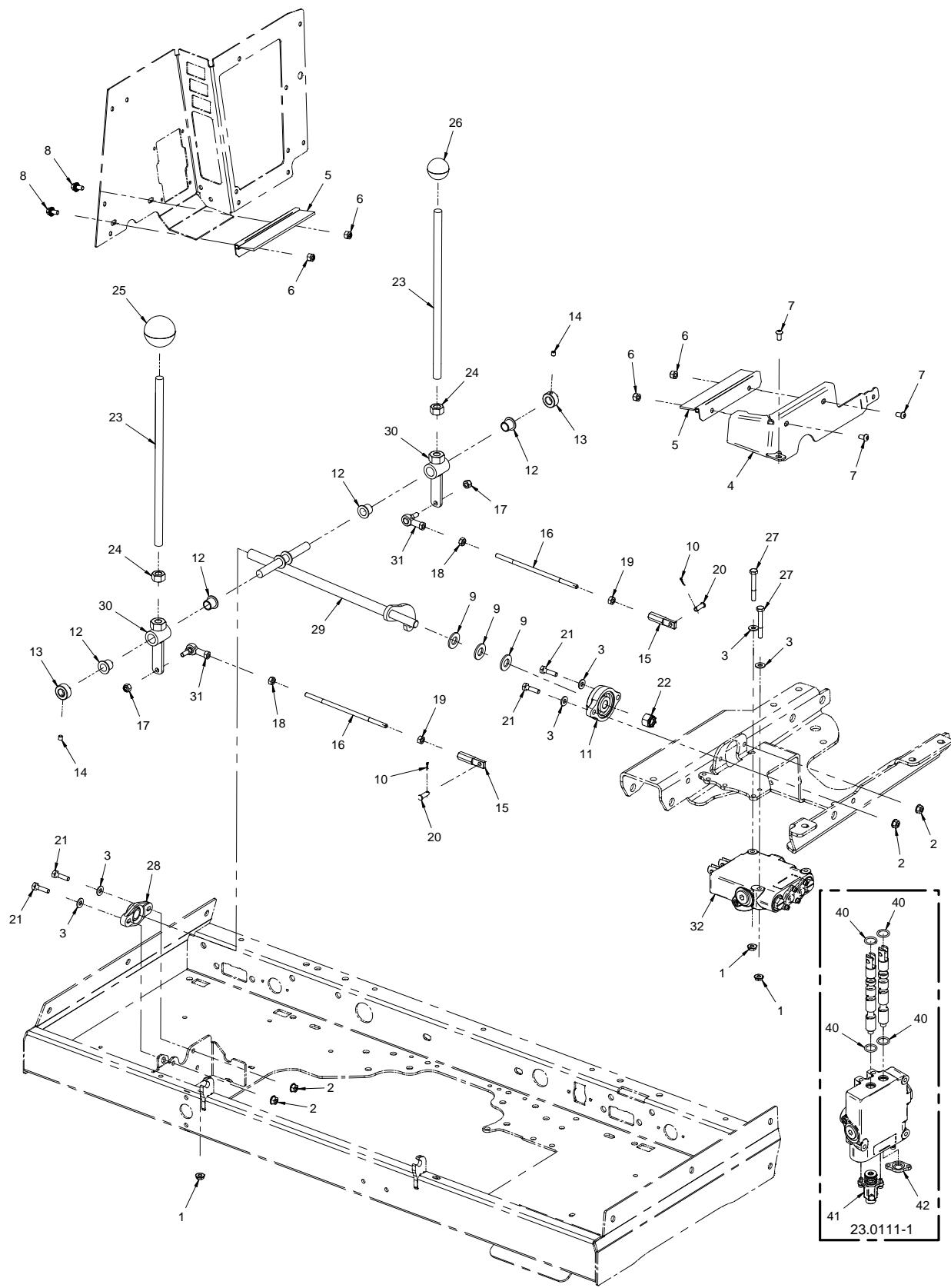
FRAMES / SHEET METAL

Dash, Dash Brackets, Decals, & Switches

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	NUT, SRF 1/4-20 USS	13
2	99.E0046	NUT, "U" 1/4-20 EXTRUDED	2
3	99.0406	BOLT, 1/4-20 X 3/4 BSCS	6
4	11.0046	CLAMP, CUSHIONED METAL 1/2"	1
5	99.E0101	NUT, LOCKING FLANGE 1/4-20	1
6	95.04	WASHER, FLAT 1/4 SAE	10
7	90.0408	BOLT, 1/4-20 USS X 1"	5
8	99.0404	BOLT, 1/4-20 X 1/2 BSCS	7
9	13.0078	SWITCH, IGNITION DELTA	1
10	05.0080	GROMMET, 2-3/4 ID, 3-5/8 OD, 5/16T	1
11	13.0080	KEY, IGNITION DELTA	1
12	35.0147	GAUGE, CLUSTER INFORMATION	1
13	35.0123	GAUGE, CLUSTER WARNING	1
14	31.0043	SWITCH, PTO - PUSH / PULL	1
15	64.1691	BRACKET, HARNESS CONNECTOR	1
16	35.0124	ALARM, AUDIBLE CONT. PANEL MT	1
17	64.1690	BRACKET, TCM	1
18	60.1132	COVER, STEERING VALVE	1
19	05.0135	ISOLATOR, 1/4-20 X 1/2 X 1" F/M	2
20	00.0304	DECAL, DASH CENTER	1
21	00.0303	DECAL, DASH LEFT	1
22	00.0305	DECAL, DASH RIGHT	1
23	30.0351	CONNECTOR, TOWER 22 PIN SEAL	1
24	06.0042-33.5IN	TRIM, TRIM LOC 1/2 X 1/16 X 33-1/2"	1
25	06.0042-34.88IN	TRIM, TRIM LOC 1/2 X 1/16 X 34-7/8"	1
26	05.0131	PLUG, SWITCH OTTO K5	5
27	05.0058	PLUG, 2" HOLE, NYLON	1
28	05.0147	PLUG, 5/16" HOLE, NYLON BLACK	1
29	05.0139	PLUG, 5/8" HOLE, BLK PLASTIC	1
30	60.1141	PANEL, DASH ACCESS	2
31	62.1376	DASH, MAIN PANEL	1
32	31.0053	SWITCH, ROCKER ON/OFF	1
33	35.0128	MODULE, TRACTOR CONTROL (Serial # 01001-02478)	1
33	35.0146	MODULE, TRACTOR CONTROL (Serial # 02479-04921)	1
33	35.0134	MODULE, TRACTOR CONTROL (Serial # 04922)	1
34	60.1136	COVER, PUMP	1
35	99.E0105	NUT, INSERT 1/4-20 HEX	4
36	00.0342	DECAL, WARNING PINCH POINT (Serial # 01001-14497)	2
36	00.0639	DECAL, PINCHING HAZARD FOOT (Serial # 14498-)	2
37	00.0347	DECAL, 4500 SLOPE WARNING (Serial # 01001-14497)	1
37	00.0642	DECAL, SLOPE WARNING (Serial # 14498-)	1
38	30.0469	COVER, SPLASHGUARD IG SWITCH (Serial # 03834-)	1

CONTROLS & LINKAGE

ILLUSTRATED DRAWING SDLA Control Levers



CONTROLS & LINKAGE

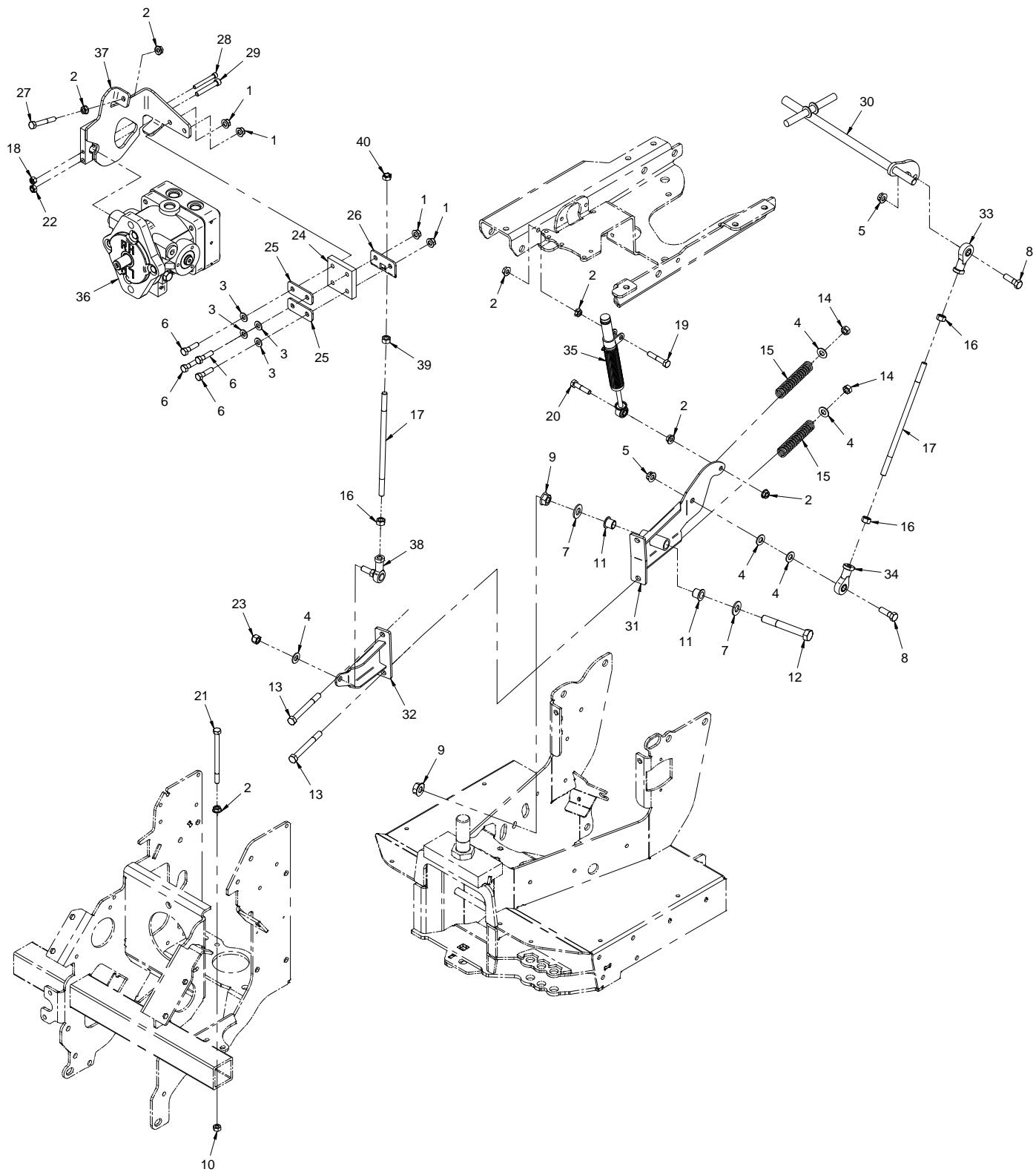
SDL A Control Levers

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.....	3
2	99.E0101	.NUT, LOCKING FLANGE 1/4-20.....	4
3	95.04	.WASHER, FLAT 1/4 SAE.....	6
4	60.1120	.COVER, SDLA PIVOT.....	1
5	79.0091	.BRUSH, SDLA COVER W/HOLDER.....	2
6	99.A04N	.LOCKNUT, NYLON 1/4-20	4
7	99.0404	.BOLT, 1/4-20 X 1/2 BSCS	3
8	99.SF0404	.BOLT, SRF 1/4-20 X 1/2	2
9	95.08	.WASHER, FLAT 1/2 SAE	3
10	02.CP0204	.COTTER PIN, 1/16 X 1/2	2
11	55.FB16008	.BEARING, FLANGE BLCK 1/2 ID	1
12	85.B0027	.BUSHING, 1/2 ID X 5/8 OD X 5/8.....	4
13	85.SC08	.SET COLLAR, 1/2"	2
14	85.SS19	.SET SCREW, 1/4-20 X 1/4"	2
15	43.004-4	.ROD END, 1/4-28 LH YZP VAL CTRL	2
16	42.0563	.ROD, THREAD 1/4-28x7-1/2 RH/LH	2
17	99.A04NFN	.LOCKNUT, NYLON 1/4-28	2
18	93.04	.NUT, 1/4-28 SAE	2
19	99.E0081	.NUT, 1/4-28 LH GRADE 8 YZ.....	2
20	03.0406	.CLEVIS PIN, 1/4 X 3/4	2
21	90.0408	.BOLT, 1/4-20 USS X 1"	4
22	99.A08N	.LOCKNUT, NYLON 1/2-13 USS.....	1
23	40.0240	.HANDLE, F/R CONTROL.....	2
24	92.08	.NUT, 1/2-13 USS	2
25	47.0003	.KNOB, ROUND 2" X 1/2-13 THREAD	1
26	47.0329	.KNOB, ROUND 1-3/8 X 1/2-13	1
27	90.0416	.BOLT, 1/4-20 USS X 2"	2
28	55.0081	.BEARING, FLANGE IGUS 5/8"	1
29	40.0372	.ARM, SDLA PIVOT.....	1
30	42.0562	.PIVOT, SDLA LIFT LEVER	2
31	43.004S	.ROD END, 1/4 SPHERICAL W/STUD	2
32	23.0111-1	.VALVE, HY 2 SPL W/LH FLT, RH SP.....	1
40	26.0027	.O-RING, 5/8ID X 13/16OD X 3/32	4
41	23.0111-7	.KIT, SPOOL FLOAT HYD. VALVE	1
42	23.0111-8	.CAP, VALVE	1

CONTROLS & LINKAGE

ILLUSTRATED DRAWING

SDLA Linkage



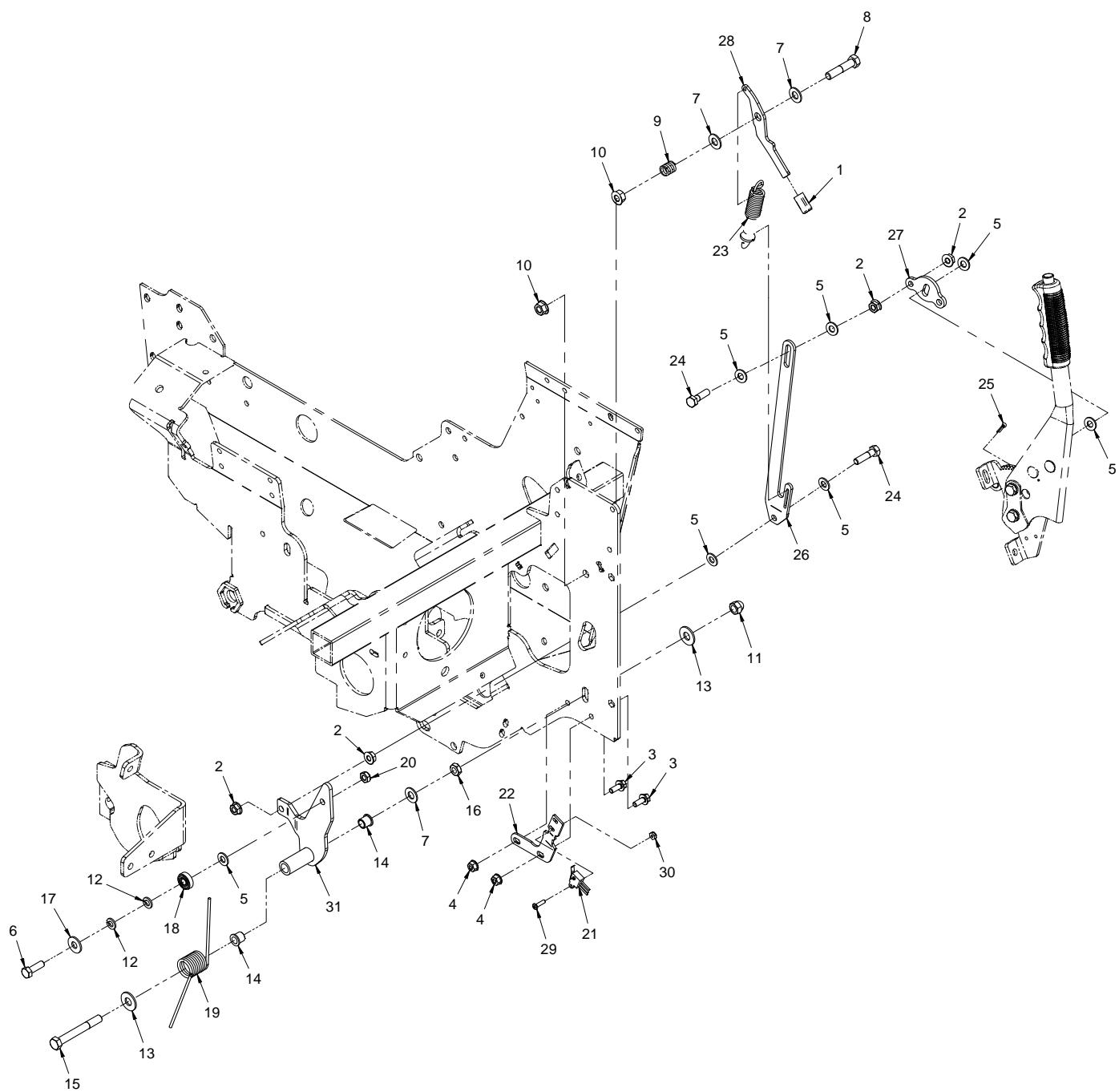
CONTROLS & LINKAGE

SDL A Linkage

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0102	.NUT, LOCKING FLANGE 5/16-18	4
2	99.SF05	.NUT, SRF 5/16-18 USS	7
3	95.05	.WASHER, FLAT 5/16 SAE	4
4	95.06	.WASHER, FLAT 3/8 SAE	5
5	99.E0082	.NUT, LOCKING FLANGE 3/8-16	2
6	90.0510	.BOLT, 5/16-18 USS X 1-1/4"	4
7	95.08	.WASHER, FLAT 1/2 SAE	2
8	90.0610	.BOLT, 3/8-16 USS X 1-1/4"	2
9	99.SF08	.NUT, SRF 1/2-13 USS	2
10	92.05	.NUT, 5/16-18 USS	1
11	85.B0027	.BUSHING, 1/2 ID X 5/8 OD X 5/8	2
12	90.0830	.BOLT, 1/2-13 USS X 3-3/4"	1
13	90.0628	.BOLT, 3/8-16 USS X 3-1/2"	2
14	99.A06	.LOCKNUT, STOVER 3/8-16 USS	2
15	41.0063	.SPRING, COMP. 3/4 OD X 4" LG	2
16	93.06	.NUT, 3/8-24 SAE	3
17	42.0550	.ROD, THREAD 3/8-24 X 9" RH/LH ZP	2
18	99.A04NFn	.LOCKNUT, NYLON 1/4-28	1
19	90.0514	.BOLT, 5/16-18 USS X 1-3/4"	1
20	90.0512	.BOLT, 5/16-18 USS X 1-1/2"	1
21	90.0538-2	.BOLT, 5/16-18 X 4-3/4 ALL THRD	1
22	99.A05	.LOCKNUT, STOVER 5/16-18 USS	1
23	99.A06NFn	.LOCKNUT, NYLON 3/8-24 SAE ZP	1
24	44.0161	.LINK, RUBBER FOR SHIFT LINKAGE	1
25	64.0763	.CLAMP, RUBBER CONNECTOR	2
26	64.0764	.BRACKET, PUMP CONTROL LINK	1
27	90.0518	.BOLT, 5/16-18 USS X 2-1/4"	1
28	99.K0076	.BOLT, SHCS 1/4-28 X 2 GRADE 8	1
29	99.K0123	.BOLT, SHCS 5/16-18 X 2 GRADE 8	1
30	40.0372	.ARM, SDLA PIVOT	1
31	40.0371	.ARM, ROCKER F/R REAR	1
32	40.0370	.ARM, ROCKER F/R FRONT	1
33	43.006	.ROD END, 3/8 SPHERICAL, FEMALE	1
34	43.006L	.ROD END, 3/8 SPHERICAL, LH THRD	1
35	47.0316	.DAMPER, 3.187 STROKE GAS SHOCK	1
36	21.0080	.PUMP, HYD. CCW 1000 PSI	1
37	40.0375	.ARM, CONTROL/SWASH PLATE	1
38	43.006S	.ROD END, 3/8 SPHERICAL W/ STUD	1
39	99.E0114	.NUT, 3/8-24 LH ZP	1
40	99.E0107	.LOCKNUT, 3/8-24 LH ZP	1

CONTROLS & LINKAGE

ILLUSTRATED DRAWING Neutral Assist Lever & Neutral Switch



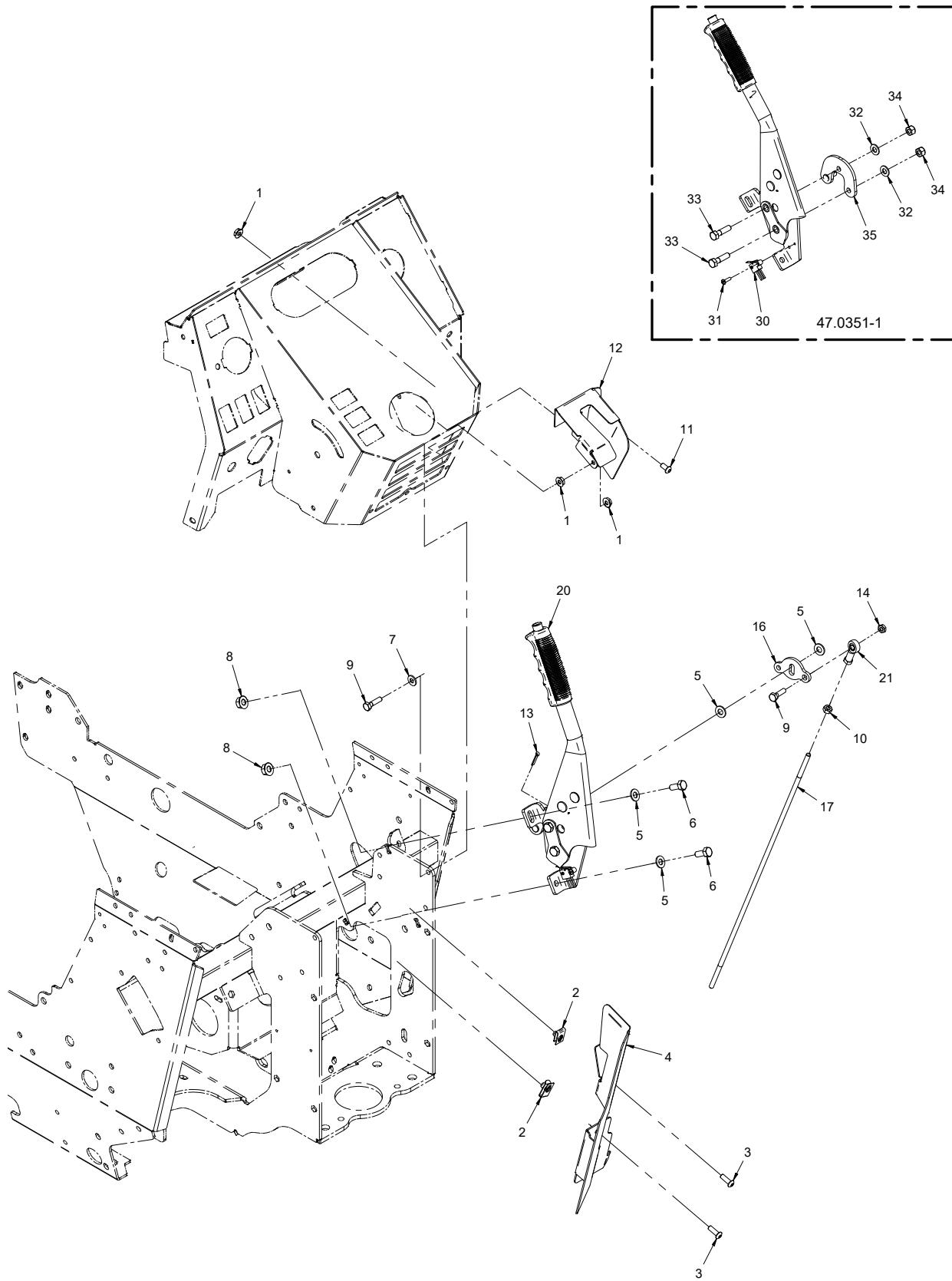
CONTROLS & LINKAGE

Neutral Assist Lever & Neutral Switch

REF.	PART NO.	DESCRIPTION	QTY.
1	06.0044	CAP, PLASTIC 1/8 X 1/2 X 7/8	1
2	99.SF05	NUT, SRF 5/16-18 USS	4
3	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	2
4	99.E0101	NUT, LOCKING FLANGE 1/4-20	2
5	95.05	WASHER, FLAT 5/16 SAE	7
6	90.0508	BOLT, 5/16-18 USS X 1"	1
7	95.06	WASHER, FLAT 3/8 SAE	3
8	90.0614	BOLT, 3/8-16 USS X 1-3/4	1
9	41.0039	SPRING, COMP. 9/16 OD X 5/8	1
10	99.SF06	NUT, SRF 3/8-16 USS	2
11	99.E0100	NUT, ACORN 3/8-16	1
12	96.05	WASHER, LOCK 5/16	2
13	94.06	WASHER, FLAT 3/8 USS	2
14	85.B0068	BUSHING, 3/8 X 1/2 OD X 1/2 LG	2
15	90.0624	BOLT, 3/8-16 USS X 3	1
16	99.E0037	NUT, JAM 3/8-16 USS	1
17	94.05	WASHER, FLAT 5/16 USS	1
18	55.0022	BEARING, BALL .315 ID X .8661 OD	1
19	41.0105	SPRING, TORSION LH .83"ID SS	1
20	99.E0109	NUT, JAM 5/16-18 NYLON LOCK	1
21	31.0058-2	SWITCH, MICRO NEUTRAL	1
22	64.1652	BRACKET, NEUTRAL SWITCH MOUNT	1
23	41.0106	SPRING, EXT 3/4 OD X 4 LG	1
24	90.0510	BOLT, 5/16-18 USS X 1-1/4"	2
25	02.CP0404	COTTER PIN, 1/8 X 1/2	1
26	42.0556	LINK, NEUTRAL ASSIST	1
27	64.1626	ROCKER, PARK BRAKE TENSIONER	1
28	40.0374	LEVER, NEUTRAL ASSIST	1
29	99.K0133	MACHINE SCREW, #8-32 X 5/8	1
30	99.E0104	NUT, JAM #8-32 NYLON LOCK	1
31	64.1628	ROCKER, NEUTRAL ASSIST	1

CONTROLS & LINKAGE

ILLUSTRATED DRAWING Parking Brake Handle, Brake Rod, & Shields



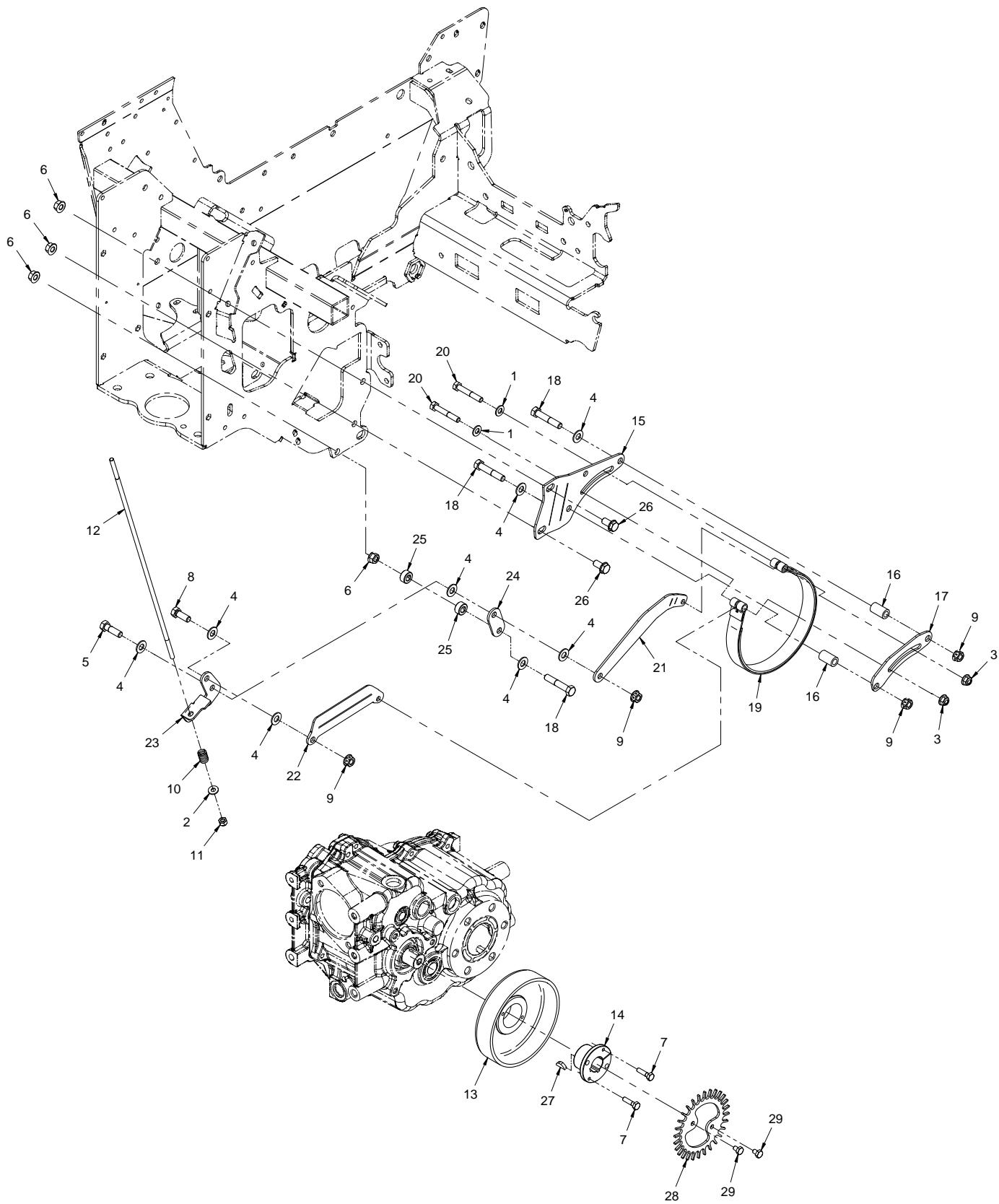
CONTROLS & LINKAGE

Parking Brake Handle, Brake Rod, & Shields

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.	3
2	99.E0046	.NUT, "U" 1/4-20 EXTRUDED	2
3	99.0406	.BOLT, 1/4-20 X 3/4 BSCS	2
4	60.1151	.COVER, PUMP ACCESS RIGHT	1
5	95.05	.WASHER, FLAT 5/16 SAE	4
6	90.0506	.BOLT, 5/16-18 USS X 3/4"	2
7	95.04	.WASHER, FLAT 1/4 SAE	1
8	99.SF05	.NUT, SRF 5/16-18 USS.	2
9	90.0408	.BOLT, 1/4-20 USS X 1"	2
10	99.E0081	.NUT, 1/4-28 LH GRADE 8 YZ	1
11	99.0404	.BOLT, 1/4-20 X 1/2 BSCS	1
12	60.1142	.COVER, PARKING BRAKE	1
13	02.CP0406	.COTTER PIN, 1/8 X 3/4	1
14	99.A04	.LOCKNUT, STOVER 1/4-20 USS	1
16	64.1626	.ROCKER, PARK BRAKE TENSIONER	1
17	42.0551	.ROD, THREAD 1/4-28 X 20" RH/LH	1
20	47.0351-1	.LEVER, PARKING BRAKE	1
21	43.004L	.ROD END, 1/4 SPHERICAL LH	1
30	31.0058-1	.SWITCH, MICRO PARKING BRAKE	1
31	99.M0033	.MACHINE SCREW, M4-0.7 X 14MM	1
32	95.05	.WASHER, FLAT 5/16 SAE	2
33	91.0510	.BOLT, 5/16-24 SAE X 1-1/4	2
34	99.A05NFN	.LOCKNUT, NYLON 5/16-24 SAE ZP	2
35	64.1633	.MOUNT, PARK BRAKE ROCKER	1

CONTROLS & LINKAGE

ILLUSTRATED DRAWING Parking Brake Linkage & Brake Drum



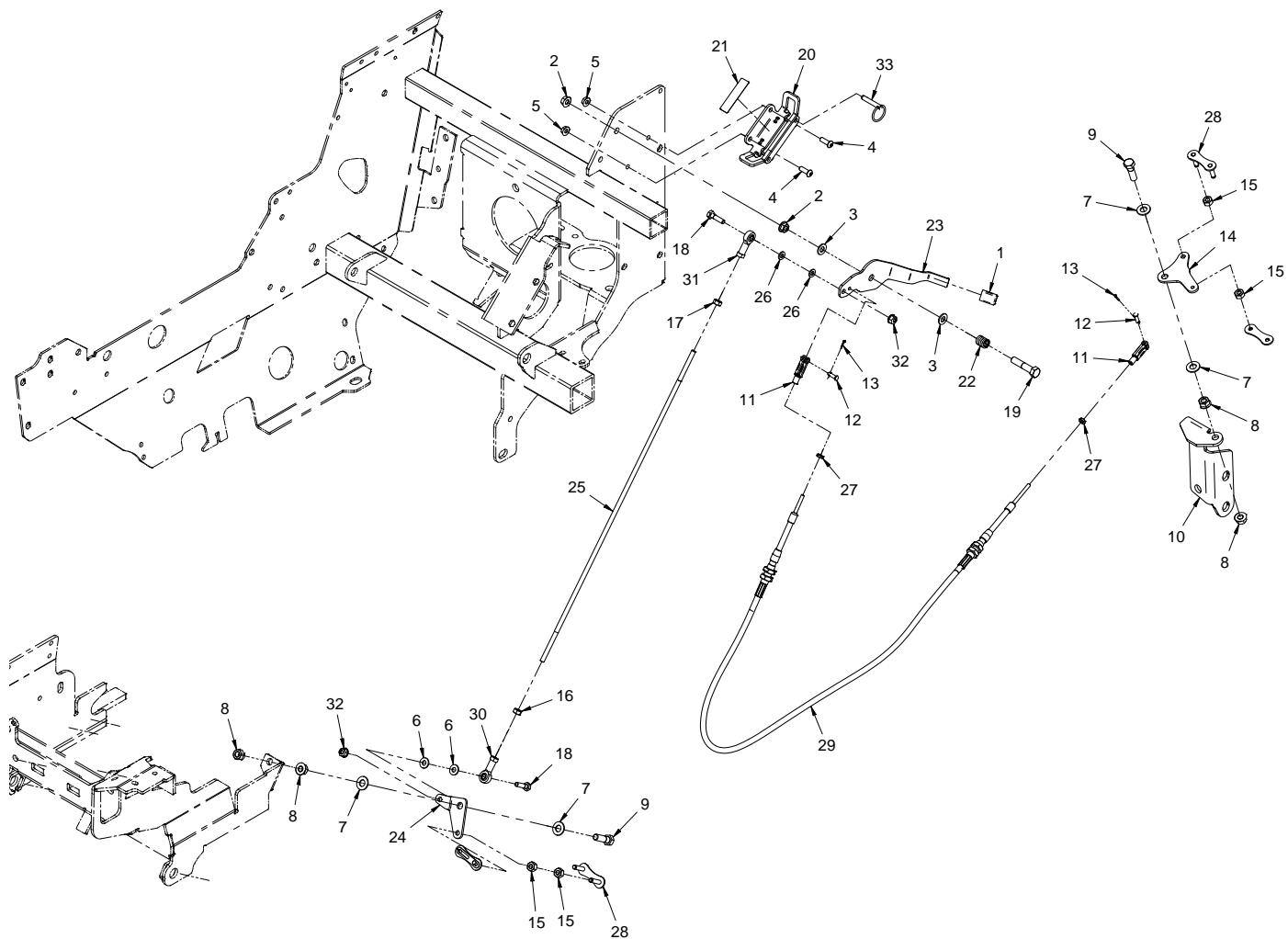
CONTROLS & LINKAGE

Parking Brake Linkage & Brake Drum

REF.	PART NO.	DESCRIPTION	QTY.
1	95.05	WASHER, FLAT 5/16 SAE	2
2	95.04	WASHER, FLAT 1/4 SAE	1
3	99.E0102	NUT, LOCKING FLANGE 5/16-18	2
4	95.06	WASHER, FLAT 3/8 SAE	8
5	90.0610	BOLT, 3/8-16 USS X 1-1/4	1
6	99.SF06	NUT, SRF 3/8-16 USS	4
7	90.0408	BOLT, 1/4-20 USS X 1	2
8	90.0608	BOLT, 3/8-16 USS X 1	1
9	99.E0082	NUT, LOCKING FLANGE 3/8-16	4
10	41.0108	SPRING, COMP. .531 OD X .780 LG	1
11	99.A04NFn	LOCKNUT, NYLON 1/4-28	1
12	42.0551	ROD, THREAD 1/4-28 X 20" RH/LH	1
13	53.0134	DRUM, 6" BRAKE - W/TAPER HUB	1
14	83.H16S-2	BUSHING, 1" SPLIT 3/16 *& 1/4 KEY	1
15	64.1614	PLATE, BRAKE ANCHOR INNER	1
16	64.0718	TUBE, RD .385 X 5/8 X 1-1/16L	2
17	64.0920	PLATE, PARK BK MOUNT ALIGNMENT	1
18	90.0616	BOLT, 3/8-16 USS X 2	3
19	53.0076	BAND, BRAKE FOR 6" DRUM	1
20	90.0516	BOLT, 5/16-18 USS X 2"	2
21	42.0441	LINK, PARK BK PULL	1
22	42.0442	LINK, PARK BK PUSH	1
23	64.1603	ROCKER, PARK BRAKE	1
24	42.0443	LINK, PARK BK TORQUE	1
25	85.SC06	SET COLLAR, 3/8"	2
26	99.SF0606	BOLT, SRF 3/8-16 USS X 3/4	2
27	85.W0306	KEY, WOODRUFF 3/16 X 3/4	1
28	64.1606	PLATE, SPEED INDICATOR	1
29	90.0403	BOLT, 1/4-20 USS X 3/8	2

CONTROLS & LINKAGE

ILLUSTRATED DRAWING High/Low Range Shift Linkage



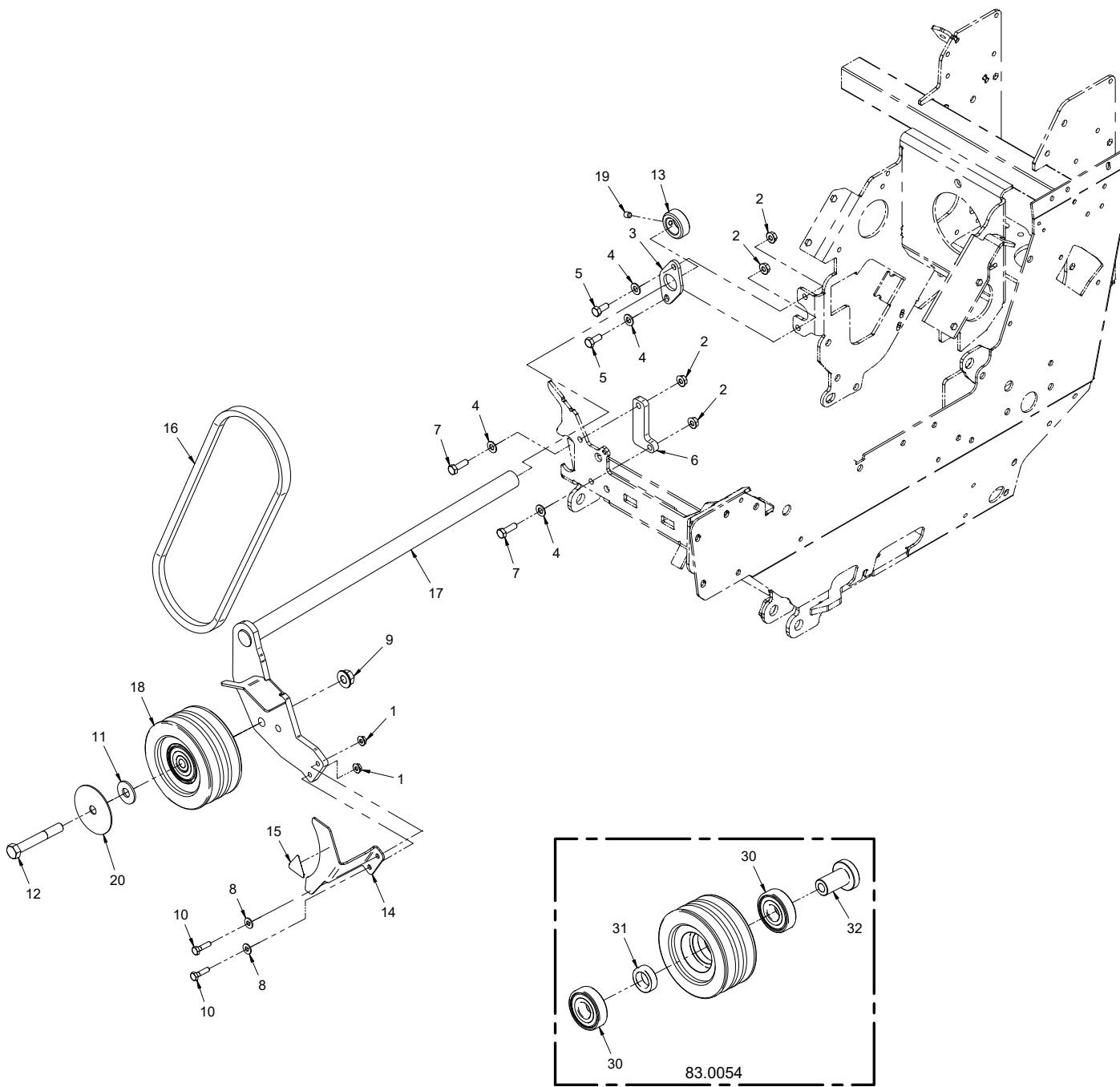
CONTROLS & LINKAGE

High/Low Range Shift Linkage

REF.	PART NO.	DESCRIPTION	QTY.
1	06.0044	CAP, PLASTIC 1/8 X 1/2 X 7/8	1
2	99.SF05	NUT, SRF 5/16-18 USS	2
3	95.05	WASHER, FLAT 5/16 SAE	2
4	99.0406	BOLT, 1/4-20 X 3/4 BSCS	2
5	99.SF04	NUT, SRF 1/4-20 USS	2
6	95.04	WASHER, FLAT 1/4 SAE	2
7	95.06	WASHER, FLAT 3/8 SAE	4
8	99.SF06	NUT, SRF 3/8-16 USS	4
9	90.0610	BOLT, 3/8-16 USS X 1-1/4	2
10	64.1591	BRACKET, REAR HITCH MT RIGHT	1
11	43.C10-32	CLEVIS END, #10-32 3/16 HOLE	2
12	03.0305	CLEVIS PIN, 3/16 X 5/8 ZP	2
13	02.CP0204	COTTER PIN, 1/16 X 1/2	2
14	40.0373	ARM, HIGH/LOW SHIFT ROCKER	1
15	92.05	NUT, 5/16-18 USS	4
16	93.04	NUT, 1/4-28 SAE	1
17	99.E0081	NUT, 1/4-28 LH GRADE 8 YZ	1
18	90.0408	BOLT, 1/4-20 USS X 1"	2
19	90.0614	BOLT, 3/8-16 USS X 1-3/4	1
20	64.1618	BRACKET, HIGH/LOW SHIFT SELECT (Serial # 01001-01745)	1
20	64.1784	BRACKET, HIGH/LOW SHIFT LOCK (Serial # 01746-)	1
21	00.0313	DECAL, HIGH/LOW RANGE	1
22	41.0039	SPRING, COMP. 9/16 OD X 5/8	1
23	40.0379	LEVER, HIGH/LOW SHIFT	1
24	64.0703	PLATE, FRONT SHIFT PIVOT	1
25	42.0561	ROD, THREAD 1/4-28X21.00 RH/LH	1
26	99.B0109	WASHER, 1/4ID, .50 OD X .062T	2
27	99.E0034	NUT, #10-32	2
28	81.0124	LINK, CONN #60 DOUBLE PITCH	2
29	47.0122	CABLE, HI-LOW SHIFT	1
30	43.004	ROD END, 1/4 SPHERICAL	1
31	43.004L	ROD END, 1/4 SPHERICAL LH	1
32	99.E0101	NUT, LOCKING FLANGE 1/4-20	2
33	03.0022	PIN, BALL 1/4" X 1" (Serial # 01746-)	1

CONTROLS & LINKAGE

ILLUSTRATED DRAWING PTO Idler Pulley & Idler Arm



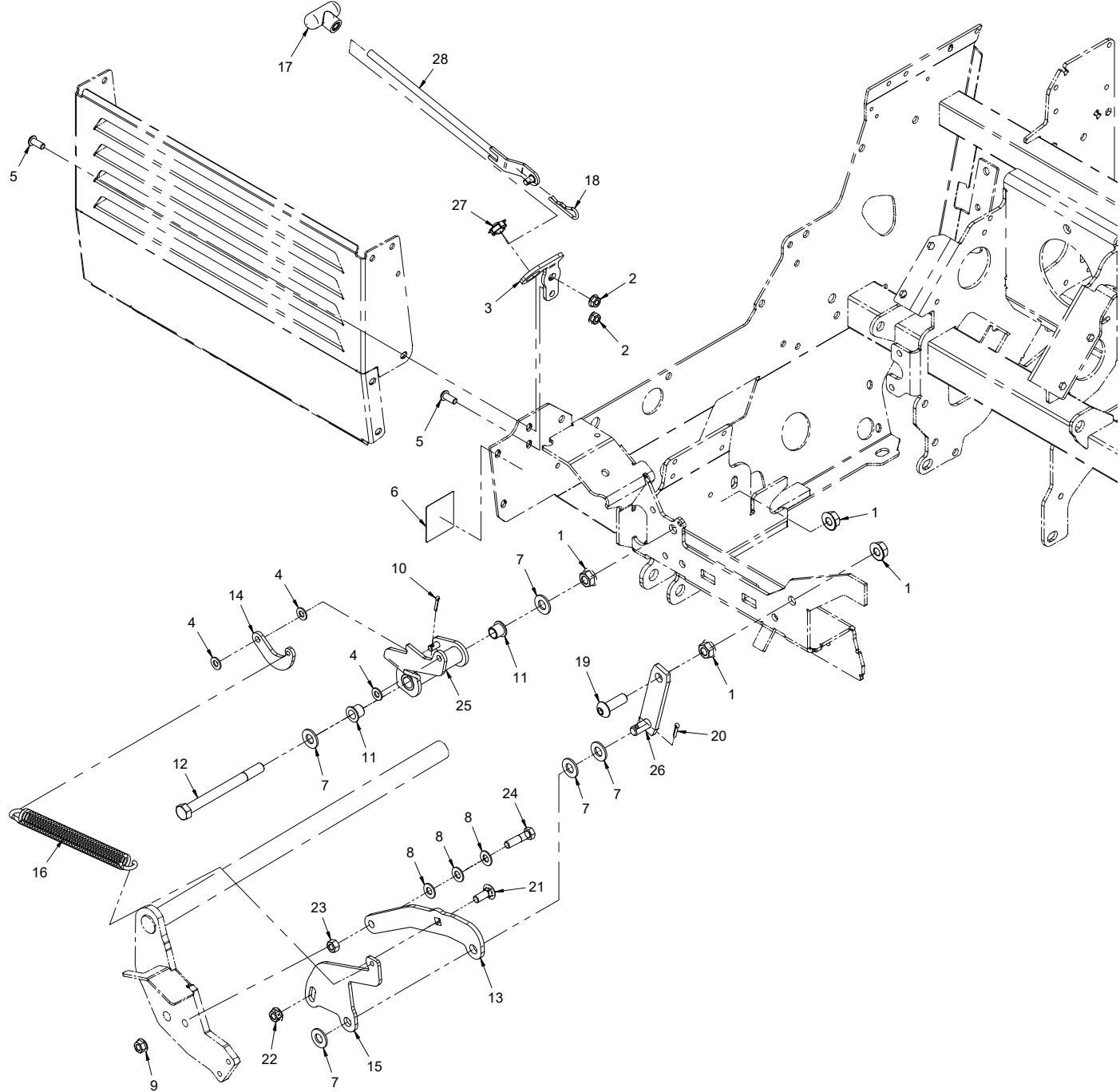
CONTROLS & LINKAGE

PTO Idler Pulley & Idler Arm

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.....	2
2	99.SF05	.NUT, SRF 5/16-18 USS.....	4
3	64.1702	.PLATE, PTO ARM HANGER.....	1
4	95.05	.WASHER, FLAT 5/16 SAE	4
5	90.0506	.BOLT, 5/16-18 USS X 3/4".....	2
6	64.1699	.PLATE, PTO WEARBAR	1
7	90.0508	.BOLT, 5/16-18 USS X 1".....	2
8	95.04	.WASHER, FLAT 1/4 SAE	2
9	99.E0103	.NUT, LOCKING FLANGE 1/2-13	1
10	90.0408	.BOLT, 1/4-20 USS X 1".....	2
11	94.08	.WASHER, FLAT 1/2 USS	1
12	90.0828	.BOLT, 1/2-13 USS X 3-1/2.....	1
13	85.SC16-1	.SET COLLAR, 1.015"	1
14	60.1135	.GUARD, PTO IDLER PULLEY.....	1
15	00.0339	.DECAL, MOVING PARTS	1
16	81.B038	.BELT, B38	1
17	40.0378	.ARM, PTO IDLER	1
18	83.0054	.PULLEY, IDLER 2 GROOVE ASM.....	1
19	85.SS18	.SET SCREW, 5/16-18 X 3/8	1
20	60.1279	.COVER, PULLEY (Serial # 04776-)	1
30	55.0064	.BEARING, BALL 25 MM X 62 MM	2
31	85.B0085	.BUSHING, BEARING SPACER	1
32	85.B0084	.BUSHING, DRIVE PULLEY	1

CONTROLS & LINKAGE

ILLUSTRATED DRAWING PTO Belt Tension Linkage



CONTROLS & LINKAGE

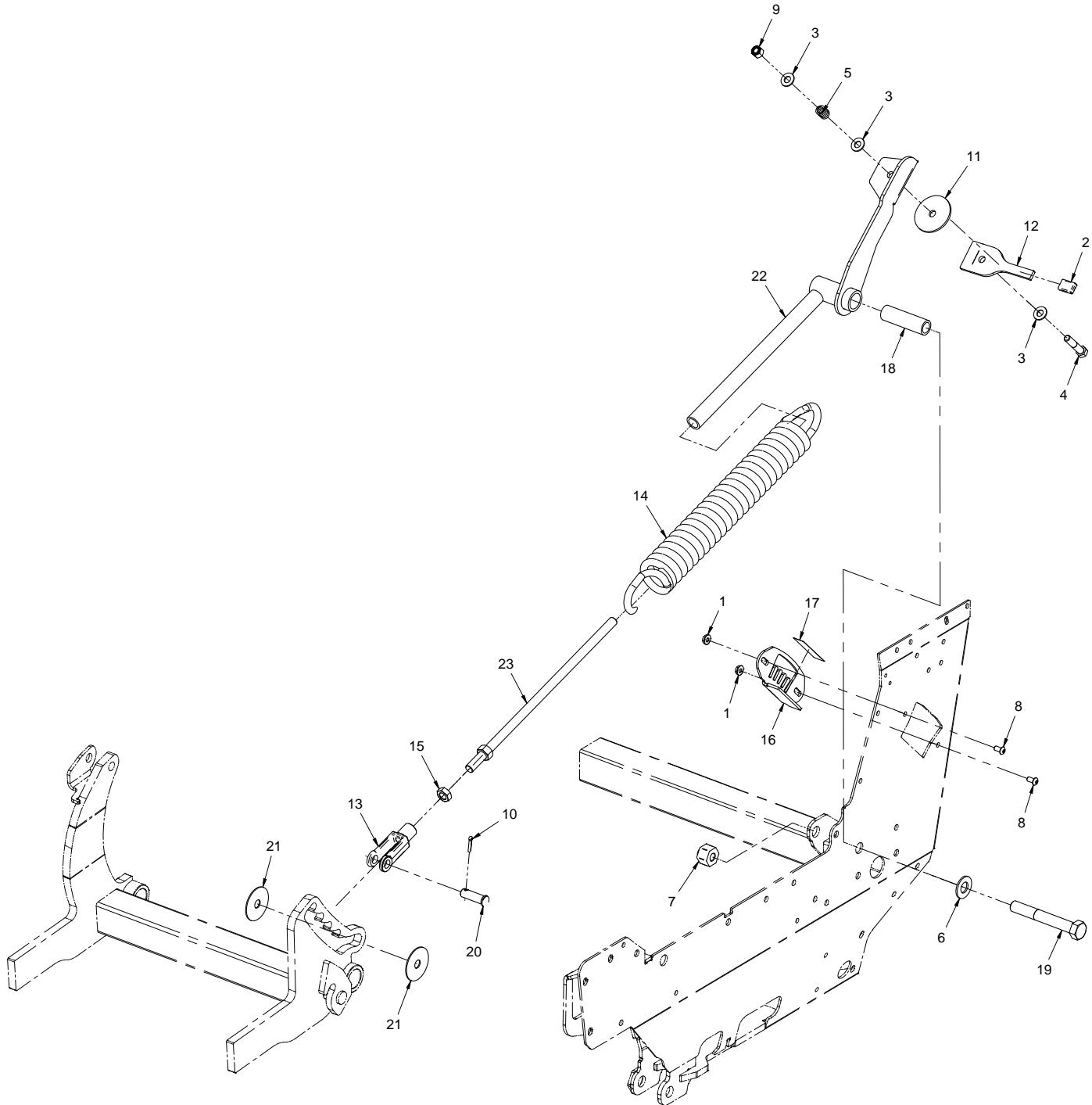
PTO Belt Tension Linkage

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF08	NUT, SRF 1/2-13 USS.....	4
2	99.SF05	NUT, SRF 5/16-18 USS.....	2
3	64.1616	BRACKET, BELT RELEASE PIVOT	1
4	95.05	WASHER, FLAT 5/16 SAE	3
5	99.0506	BOLT, 5/16-18 X 3/4 BSCS	2
6	00.0319	DECAL, PTO TENSION	1
7	95.08	WASHER, FLAT 1/2 SAE	5
8	95.06	WASHER, FLAT 3/8 SAE	3
9	99.SF06	NUT, SRF 3/8-16 USS.....	1
10	02.CP0406	COTTER PIN, 1/8 X 3/4	1
11	85.B0027	BUSHING, 1/2 ID X 5/8 OD X 5/8.....	2
12	90.0844	BOLT, 1/2-13 USS X 5-1/2.....	1
13	42.0552	LINK, PTO IDLER PUSH ARM (Serial # 01001-05178).....	1
13	42.0584	LINK, PTO IDLER PUSH ARM (Serial # 05179-).....	1
14	42.0557	LINK, PTO BELT TENSIONER	1
15	42.0559	LINK, PTO TENSIONER ADJUSTER	1
16	41.0056	SPRING, EXT 7/8 OD X 8-1/2 LNG	1
17	47.0330	KNOB, BAR 2-1/4 X 3/8-16	1
18	02.HP0416	HAIRPIN, 1/8 X 2.....	1
19	99.0812	BOLT, 1/2-13 X 1-1/2 BSCS	1
20	02.CP0506	COTTER PIN, 5/32 X 3/4	1
21	90.0608	BOLT, 3/8-16 USS X 1 (Serial # 01001-05178).....	1
21	97.0608	BOLT, CARRIAGE 3/8 X 1 (Serial # 05179-)	1
22	99.E0082	NUT, LOCKING FLANGE 3/8-16	1
23	92.06	NUT, 3/8-16 USS	1
24	90.0612	BOLT, 3/8-16 USS X 1-1/2.....	1
25	64.1627	ROCKER, PTO IDLER ARM TENSION.....	1
26	64.1610	ROCKER, PTO TENSIONER.....	1
27	55.0082	BEARING, SPHERICAL 10MM ID	1
28	42.0554	ROD, PTO BELT TENSIONER	1

CONTROLS & LINKAGE

ILLUSTRATED DRAWING

Weight Transfer



CONTROLS & LINKAGE

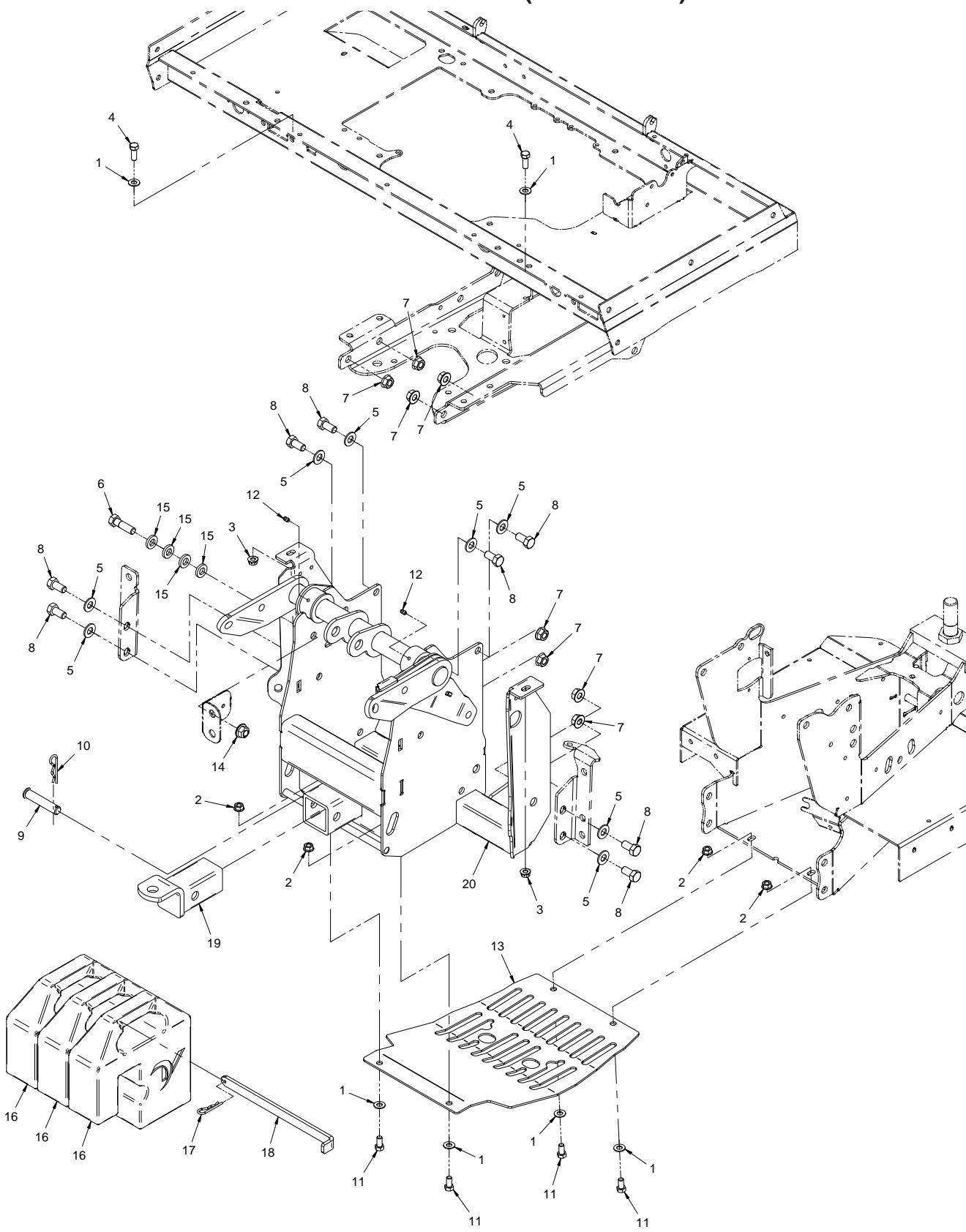
Weight Transfer

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.....	2
2	06.0044	.CAP, PLASTIC 1/8 X 1/2 X 7/8.....	1
3	95.06	.WASHER, FLAT 3/8 SAE	3
4	90.0614	.BOLT, 3/8-16 USS X 1-3/4.....	1
5	41.0039	.SPRING, COMP. 9/16 OD X 5/8.....	1
6	95.10	.WASHER, FLAT 5/8 SAE	1
7	99.E0095	.LOCKNUT, 5/8-11 HEAVY NYLON	1
8	99.0404	.BOLT, 1/4-20 X 1/2 BSCS	2
9	99.A06N	.LOCKNUT, NYLON 3/8-16 USS.....	1
10	02.CP0506	.COTTER PIN, 5/32 X 3/4	1
11	05.0002	.WASHER, FRIC. 2-1/4 X 13/32.....	1
12	40.0381	.LEVER, WEIGHT TRANSFER SELECT.....	1
13	43.C08-1R-B	.CLEVIS END, 1/2-20 RH MOD.....	1
14	70.4115*	.KIT, WEIGHT TRANSFER 4500.....	1
15	99.E0079	.NUT, JAM 1/2-20 RH ZP	1
16	64.1619	.BRACKET, WT. TRANSFER SELECTOR.....	1
17	00.0314	.DECAL, WEIGHT TRANSFER.....	1
18	64.1612	.BUSHING, PIVOT WEIGHT TRANSFER	1
19	90.1036	.BOLT, 5/8-11 USS X 4-1/2.....	1
20	03.0812	.CLEVIS PIN, 1/2 X 1-1/2.....	1
21	99.B0099	.WASHER, FENDER 1/2" X 2" OD ZP	2
22	40.0380	.ARM, WEIGHT TRANSFER.....	1
23	42.0555	.ROD, WEIGHT TRANSFER ADJUSTER	1

*Weight transfer spring cannot be replaced separately. Order kit # 70.4115 and follow the kit instructions to replace with pre-assembled components.

OPTIONS

ILLUSTRATED DRAWING 3 Point Hitch Frame (Kit #70.4100)



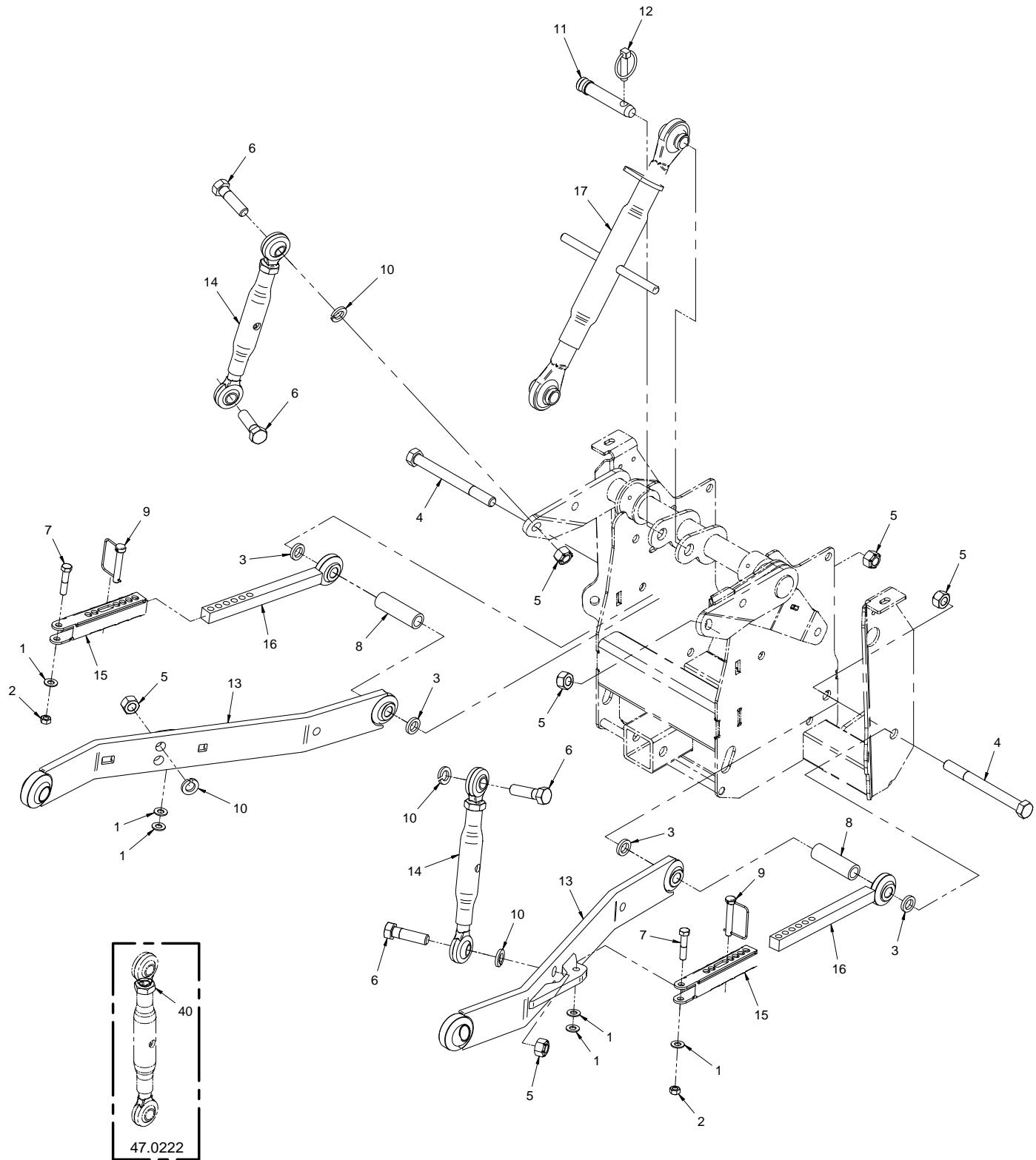
OPTIONS

3 Point Hitch Frame (Kit #70.4100)

REF.	PART NO.	DESCRIPTION	QTY.
1	95.06	.WASHER, FLAT 3/8 SAE	6
2	99.SF06	.NUT, SRF 3/8-16 USS	4
3	99.E0082	.NUT, LOCKING FLANGE 3/8-16	2
4	90.0608	.BOLT, 3/8-16 USS X 1	2
5	95.08	.WASHER, FLAT 1/2 SAE	8
6	90.0814	.BOLT, 1/2-13 USS X 1-3/4	1
7	99.SF08	.NUT, SRF 1/2-13 USS	8
8	90.0808	.BOLT, 1/2-13 USS X 1	8
9	03.1024	.CLEVIS PIN, 5/8 X 3 OAL	1
10	02.HP0420	.HAIRPIN, 1/8 X 2 1/2	1
11	90.0606	.BOLT, 3/8-16 USS X 3/4	4
12	29.GF0001	.GREASE FTG, 1/4 SAE ST	2
13	64.1868	.PLATE, REAR AXLE SKID W/3PT	1
14	99.E0103	.NUT, LOCKING FLANGE 1/2-13	1
15	99.B0092	.WASHER, 17/32ID X 1"OD X .165	4
16	47.0115-1	.WEIGHT, SUITCASE - 42 LBS	3
17	02.HP0416	.HAIRPIN, 1/8 X 2	1
18	64.1312	.PIN, WEIGHT RETAINER	1
19	62.0968	.HITCH, REAR	2
20	62.1365	.FRAME, MAIN 3-POINT HITCH	1

OPTIONS

ILLUSTRATED DRAWING 3 Point Hitch Arms (Kit #70.4100)



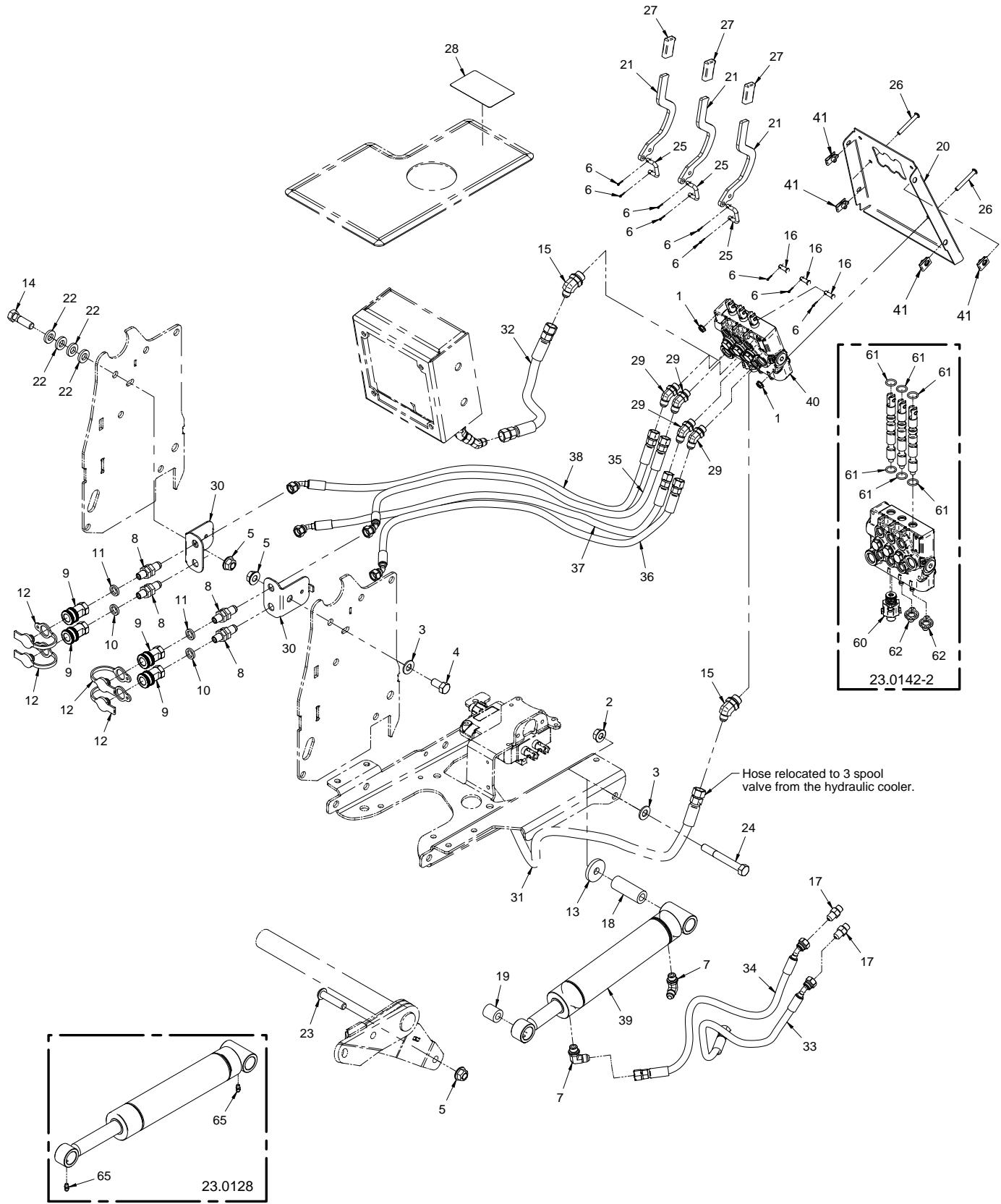
OPTIONS

3 Point Hitch Arms (Kit #70.4100)

REF.	PART NO.	DESCRIPTION	QTY.
1	95.06	.WASHER, FLAT 3/8 SAE	6
2	99.A06	.LOCKNUT, STOVER 3/8-16 USS	2
3	99.B0061	.WASHER, 3/16 X 21/32 X 1 1/32	4
4	90.1052	.BOLT, 5/8-11 USS X 6-1/2	2
5	99.A10	.LOCKNUT, STOVER 5/8-11 USS	6
6	90.1018	.BOLT, 5/8-11 USS X 2-1/4	4
7	90.0614	.BOLT, 3/8-16 USS X 1-3/4	2
8	64.1247	.BUSHING, HITCH ARM SPACER	2
9	03.0001	.PIN, SAFETY SNAP 3/8 X 1-3/4"	2
10	96.10	.WASHER, LOCK 5/8	4
11	03.0004	.PIN, TOP LINK CATEGORY 1	1
12	03.0005	.PIN, LYNCH 7/16 X 1-3/4	1
13	40.0365	.ARM, UNIVERSAL LIFT	2
14	47.0222	.TOP LINK, CAT. #0, ADJUSTABLE	2
15	42.0402	.LINK, SWAYBAR 3-POINT FEMALE	2
16	42.0403	.LINK, SWAYBAR 3-PT MALE	2
17	42.0406	.LINK, TOP CAT #1 COMPLETE	1
40	99.E0087	.NUT, JAM 3/4-10 USS	1

OPTIONS

ILLUSTRATED DRAWING 3 Point Hitch Hydraulics (Kit #70.4100)



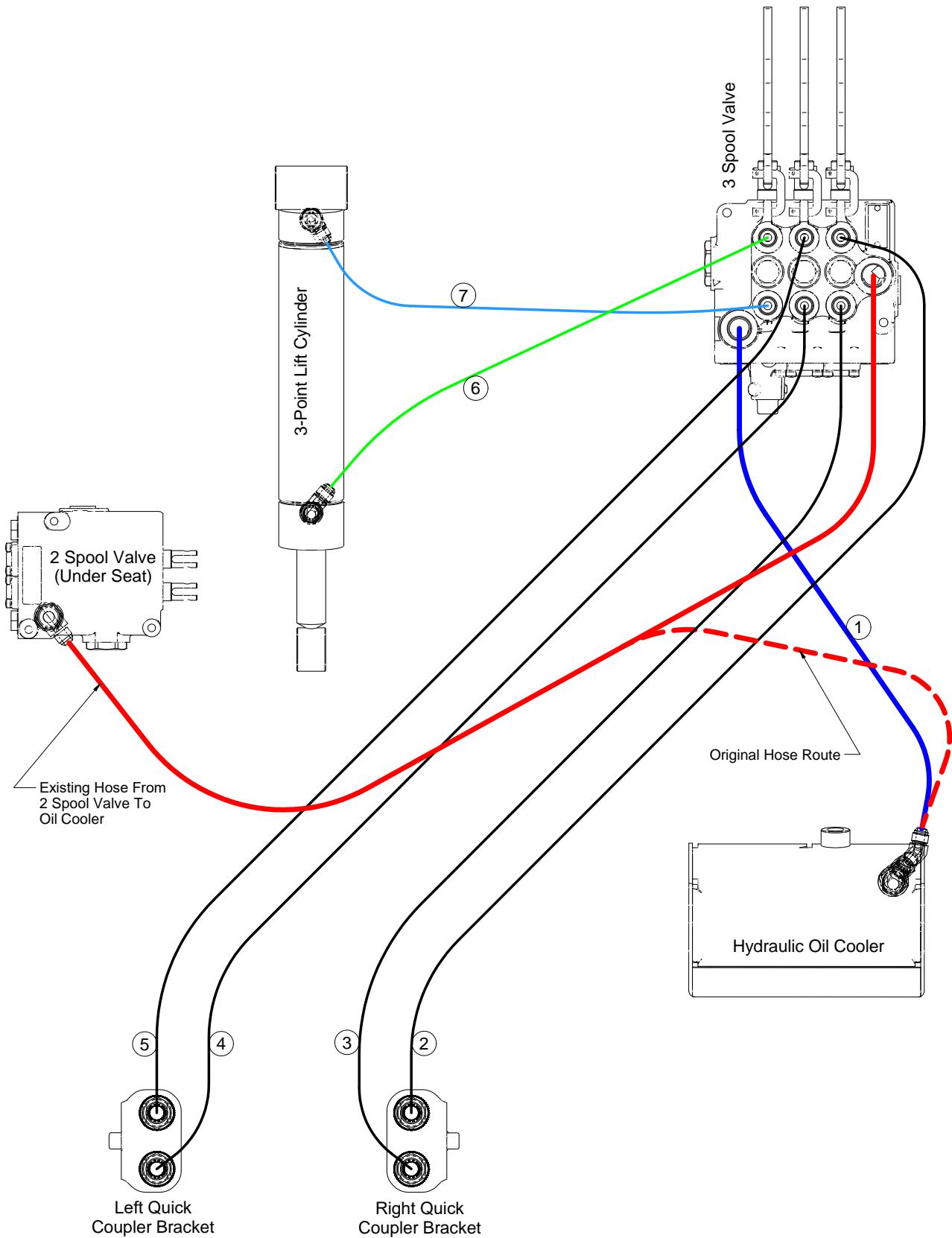
OPTIONS

3 Point Hitch Hydraulics (Kit #70.4100)

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	NUT, SRF 1/4-20 USS	2
2	99.SF08	NUT, SRF 1/2-13 USS	1
3	95.08	WASHER, FLAT 1/2 SAE	2
4	90.0808	BOLT, 1/2-13 USS X 1	1
5	99.E0103	NUT, LOCKING FLANG 1/2-13	3
6	02.CP0204	COTTER PIN, 1/16 X 1/2	9
7	25.6801-06-06	FITTING, 90 ME 3/8 X 3/8	2
8	25.2706-04-06LN	FITTING, BULKHEAD W/ LOCKNUT	4
9	23.0106	COUPLER, HYDRAULIC QUICK - 1/4 FEMALE	4
10	05.0116	WASHER, .544 ID X .817 X .14 RED	2
11	05.0117	WASHER, .544 ID X .817 X .14 YEL	2
12	23.0126	PLUG, DUST FOR 23.0106	4
13	99.B0064	WASHER, 1/4 X 1.75 X .531 HOLE	1
14	90.0814	BOLT, 1/2-13 USS X 1-3/4	1
15	25.6802-06-08	FITTING, 45 ME 3/8 X 1/2	2
16	03.0406	CLEVIS PIN, 1/4 X 3/4	3
17	25.6400-06-06	FITTING, M CONN 3/8 X 3/8	2
18	64.1722	BUSHING, STEEL .563 X 1.000	1
19	64.0749	BUSHING, STEEL 0.516 X 1.000	1
20	60.1129	PANEL, TOOLBOX FRONT 3PT	1
21	40.0382	LEVER, KN 3PT HYD HANDLE	3
22	99.B0092	WASHER, 17/32ID X 1"OD X .165	4
23	99.0818	BOLT, 1/2-13 X 2-1/4 BSCS	1
24	90.0832	BOLT, 1/2-13 USS X 4	1
25	23.0142-6	LINK, VALVE HANDLE "C"	3
26	99.0416	BOLT, 1/4-20 X 2 BSCS	2
27	06.0058	CAP, PLASTIC 1/4 X 5/8 X 1-1/2	3
28	00.0327	DECAL, 3PT HITCH	1
29	25.6802-06-06	FITTING, 45 ME 3/8 X 3/8	4
30	64.1701	BRACKET, HYD. QUICK COUPLER	2
31	20.0299	HOSE, 3/8X32.00 SAE 100R17 AR	1
32	20.0307	HOSE, 3/8X12.00 SAE 100R17 AR	1
33	20.0308	HOSE, 1/4X23.00 SAE 100R17 AR	1
34	20.0308	HOSE, 1/4X23.00 SAE 100R17 AR	1
35	20.0309	HOSE, 1/4X33.00 SAE 100R17 AR	1
36	20.0309	HOSE, 1/4X33.00 SAE 100R17 AR	1
37	20.0309	HOSE, 1/4X33.00 SAE 100R17 AR	1
38	20.0309	HOSE, 1/4X33.00 SAE 100R17 AR	1
39	23.0128	CYLINDER, 2" X 8" LIFT	1
40	23.0142-2	VALVE, 3 SPOOL W/RH FLOAT	1
41	99.E0046	NUT, "U" 1/4-20 EXTRUDED	4
60	23.0111-7	KIT, SPOOL FLOAT HYD. VALVE	1
61	26.0027	O-RING, 5/8ID X 13/16OD X 3/32	6
62	23.0111-8	CAP, VALVE	2
65	29.GF0001	GREASE FTG, 1/4 SAE ST	2

OPTIONS

ILLUSTRATED DRAWING 3 Point Hitch Hydraulic Diagram (Kit #70.4100)



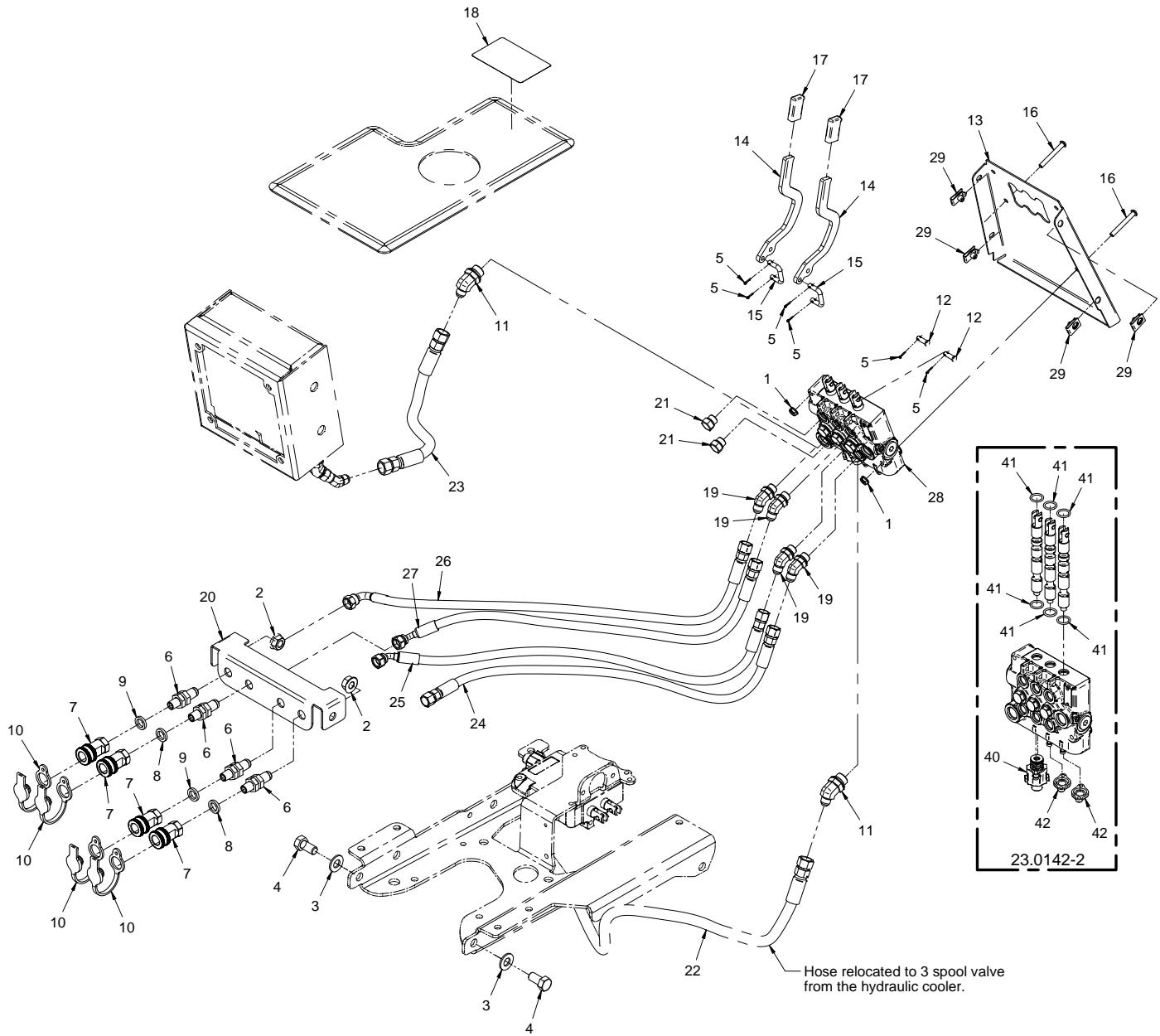
OPTIONS

3 Point Hitch Hydraulic Diagram (Kit #70.4100)

REF.	PART NO.	DESCRIPTION	QTY.
1	20.0307	.HOSE, 3/8X12.00 SAE 100R17 AR	1
2	20.0309	.HOSE, 1/4X33.00 SAE 100R17 AR	1
3	20.0309	.HOSE, 1/4X33.00 SAE 100R17 AR	1
4	20.0309	.HOSE, 1/4X33.00 SAE 100R17 AR	1
5	20.0309	.HOSE, 1/4X33.00 SAE 100R17 AR	1
6	20.0308	.HOSE, 1/4X23.00 SAE 100R17 AR	1
7	20.0308	.HOSE, 1/4X23.00 SAE 100R17 AR	1

OPTIONS

ILLUSTRATED DRAWING Rear Hydraulic Valve (Kit # 70.4126)



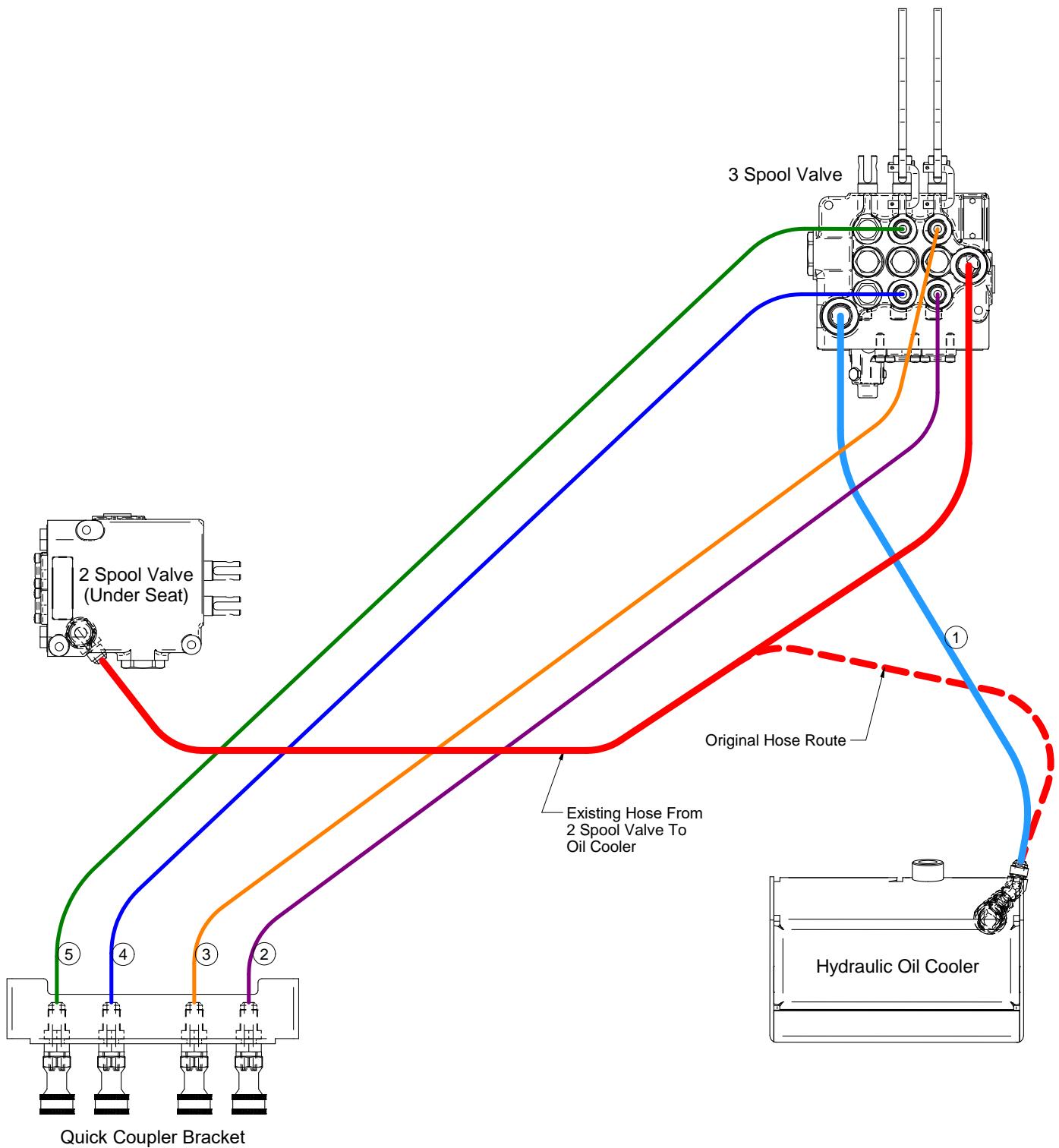
OPTIONS

Rear Hydraulic Valve (Kit # 70.4126)

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	NUT, SRF 1/4-20 USS	2
2	99.SF08	NUT, SRF 1/2-13 USS	2
3	95.08	WASHER, FLAT 1/2 SAE	2
4	90.0808	BOLT, 1/2-13 USS X 1	2
5	02.CP0204	COTTER PIN, 1/16 X 1/2	6
6	25.2706-04-06LN	FITTING, BULKHEAD W/ LOCKNUT	4
7	23.0106	COUPLER, HYDRAULIC QUICK - 1/4 FEMALE	4
8	05.0116	WASHER, .544 ID X .817 X .14 RED	2
9	05.0117	WASHER, .544 ID X .817 X .14 YEL	2
10	23.0126	PLUG, DUST FOR 23.0106	4
11	25.6802-06-08	FITTING, 45 ME 3/8 X 1/2	2
12	03.0406	CLEVIS PIN, 1/4 X 3/4	2
13	60.1129	PANEL, TOOLBOX FRONT 3PT	1
14	40.0382	LEVER, KN 3PT HYD HANDLE	2
15	23.0142-6	LINK, VALVE HANDLE "C"	2
16	99.0416	BOLT, 1/4-20 X 2 BSCS	2
17	06.0058	CAP, PLASTIC 1/4 X 5/8 X 1-1/2	2
18	00.0327	DECAL, 3PT HITCH	1
19	25.6802-06-06	FITTING, 45 ME 3/8 X 3/8	4
20	64.1772	BRACKET, HYD COUPLER REAR 4	1
21	25.6408-06	FITTING, O-RING PLUG 3/8	2
22	20.0299	HOSE, 3/8X32.00 SAE 100R17 AR	1
23	20.0307	HOSE, 3/8X12.00 SAE 100R17 AR	1
24	20.0258	HOSE, 1/4X27.50 SAE 100R17 AR	1
25	20.0188	HOSE, 1/4X30.00 SAE 100R17 AR	1
26	20.0246	HOSE, 1/4X31.00 SAE 100R17 AR	1
27	20.0188	HOSE, 1/4X30.00 SAE 100R17 AR	1
28	23.0142-2	VALVE, 3 SPOOL W/RH FLOAT	1
29	99.E0046	NUT, "U" 1/4-20 EXTRUDED	4
40	23.0111-7	KIT, SPOOL FLOAT HYD. VALVE	1
41	26.0027	O-RING, 5/8ID X 13/16OD X 3/32	6
42	23.0111-8	CAP, VALVE	2

OPTIONS

ILLUSTRATED DRAWING Rear Hydraulic Valve Diagram (Kit # 70.4126)



OPTIONS

Rear Hydraulic Valve Diagram (Kit # 70.4126)

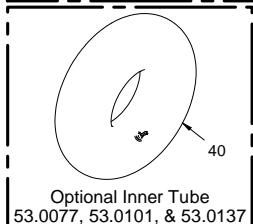
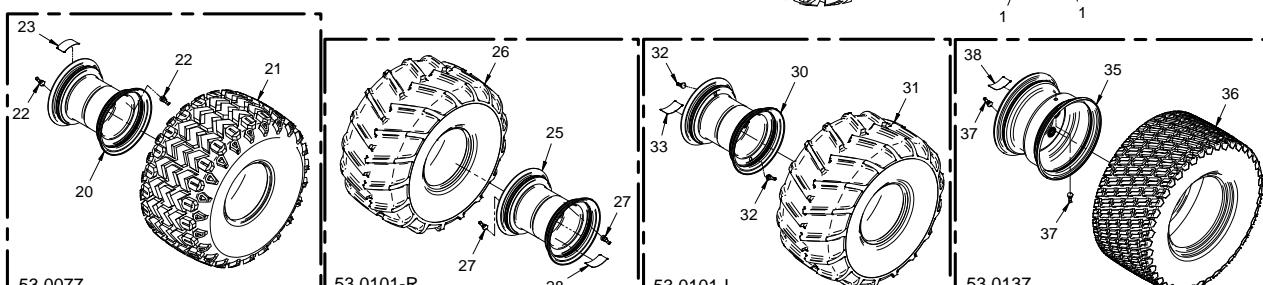
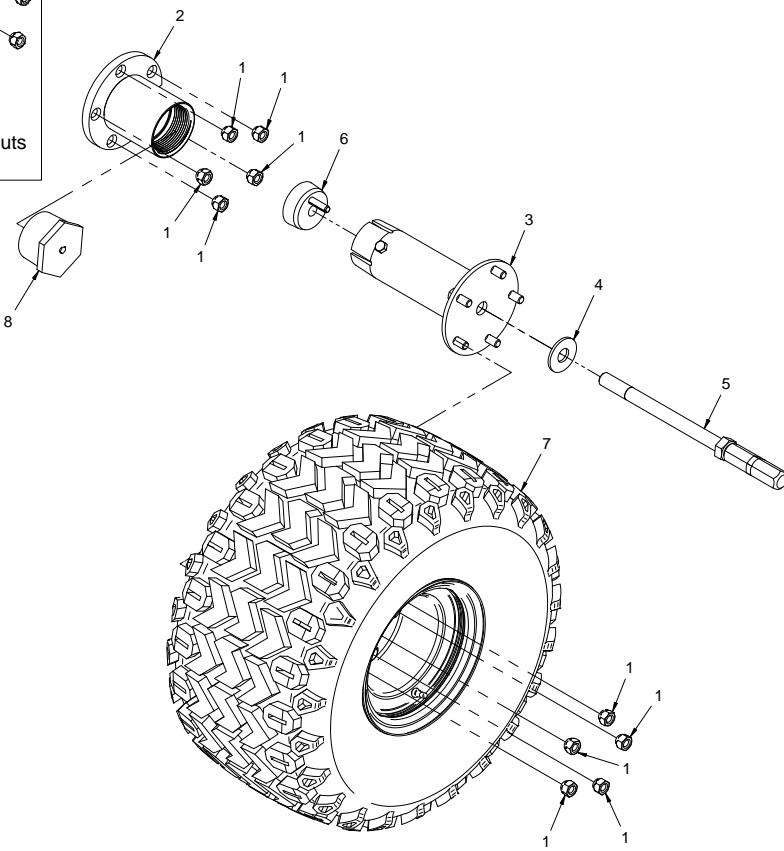
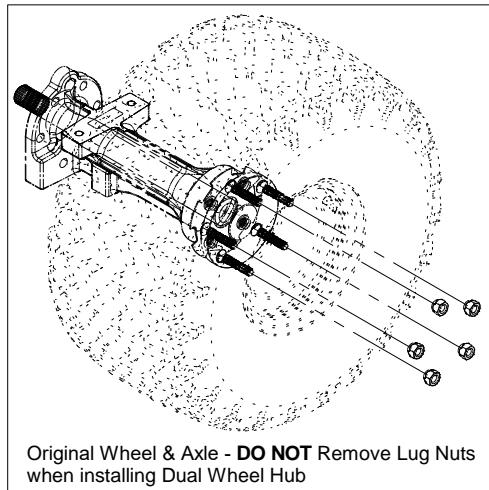
REF.	PART NO.	DESCRIPTION	QTY.
1	20.0307	.HOSE, 3/8X12.00 SAE 100R17 AR	1
2	20.0258	.HOSE, 1/4X27.50 SAE 100R17 AR	1
3	20.0188	.HOSE, 1/4X30.00 SAE 100R17 AR	1
4	20.0188	.HOSE, 1/4X30.00 SAE 100R17 AR	1
5	20.0246	.HOSE, 1/4X31.00 SAE 100R17 AR	1

OPTIONS

ILLUSTRATED DRAWING

Dual Wheels

Field Trax Dual Wheel Kit - # 70.4067
Turf Master Dual Wheel Kit - # 70.4068
Bar Tire Dual Wheel Kit - # 70.4069



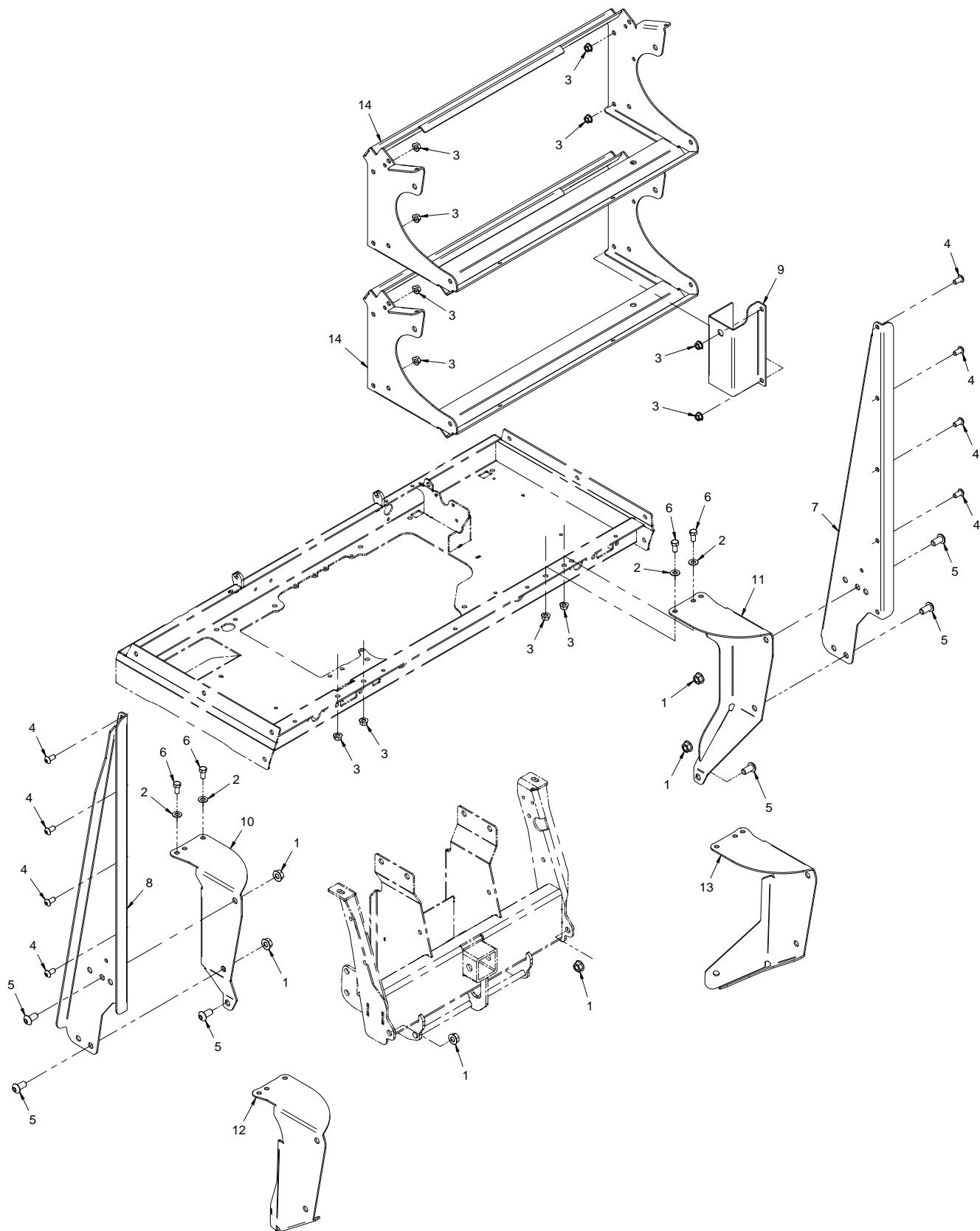
OPTIONS

Dual Wheels

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0044	NUT, LUG 7/16-20 SAE	40
2	50.0190	HUB, DUAL WHEEL	4
3	50.0061	EXTENSION, DUAL WHEEL KT	4
4	94.12	WASHER, FLAT 3/4 USS	4
5	64.0672	BOLT, 3/4" DRAWBOLT DUALS	4
6	50.0063	CONE, 3/4 DRAWCONE DUALS	4
7	53.0077	WHEEL, ASM 22 X 12 X 8 X 5B	4
7	53.0101-L	WHEEL, ASM 21 X 11 X 8 X 5B BAR	2
7	53.0101-R	WHEEL, ASM 21 X 11 X 8 X 5B BAR	2
7	53.0137	WHEEL, ASM 22 X 11 X 10 X 5B TURF	4
8	05.0093	PLUG, 2-1/2 NPT M, WHT PLASTIC	4
20	53.0090	RIM, 8 X 8.5, 5 ON 4.5 BC	1
21	53.0089	TIRE, FIELD 22 X 12 X 8-NO RIM	1
22	53.0139	VALVE STEM	2
23	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
23	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
25	53.0090	RIM, 8 X 8.5, 5 ON 4.5 BC	1
26	53.0114	TIRE, BAR 21X11X8 NO RIM	1
27	53.0139	VALVE STEM	2
28	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
28	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
30	53.0090	RIM, 8 X 8.5, 5 ON 4.5 BC	1
31	53.0114	TIRE, BAR 21X11X8 NO RIM	1
32	53.0139	VALVE STEM	2
33	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
33	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
35	53.0138	RIM, 10 X 7 - 5 ON 4.5 BC	1
36	53.0112	TIRE, TURFMASTR 22X11X10 NO RIM	1
37	53.0139	VALVE STEM	2
38	00.0348	DECAL, WARNING HUB SIDE (Serial # 01001-14497)	1
38	00.0645	DECAL, HUB SIDE (Serial # 14498-)	1
40	53.0142	TUBE, INNER 22 X 12 X 8	1

OPTIONS

ILLUSTRATED DRAWING 70.4110 Propane Mount Brackets & Posts



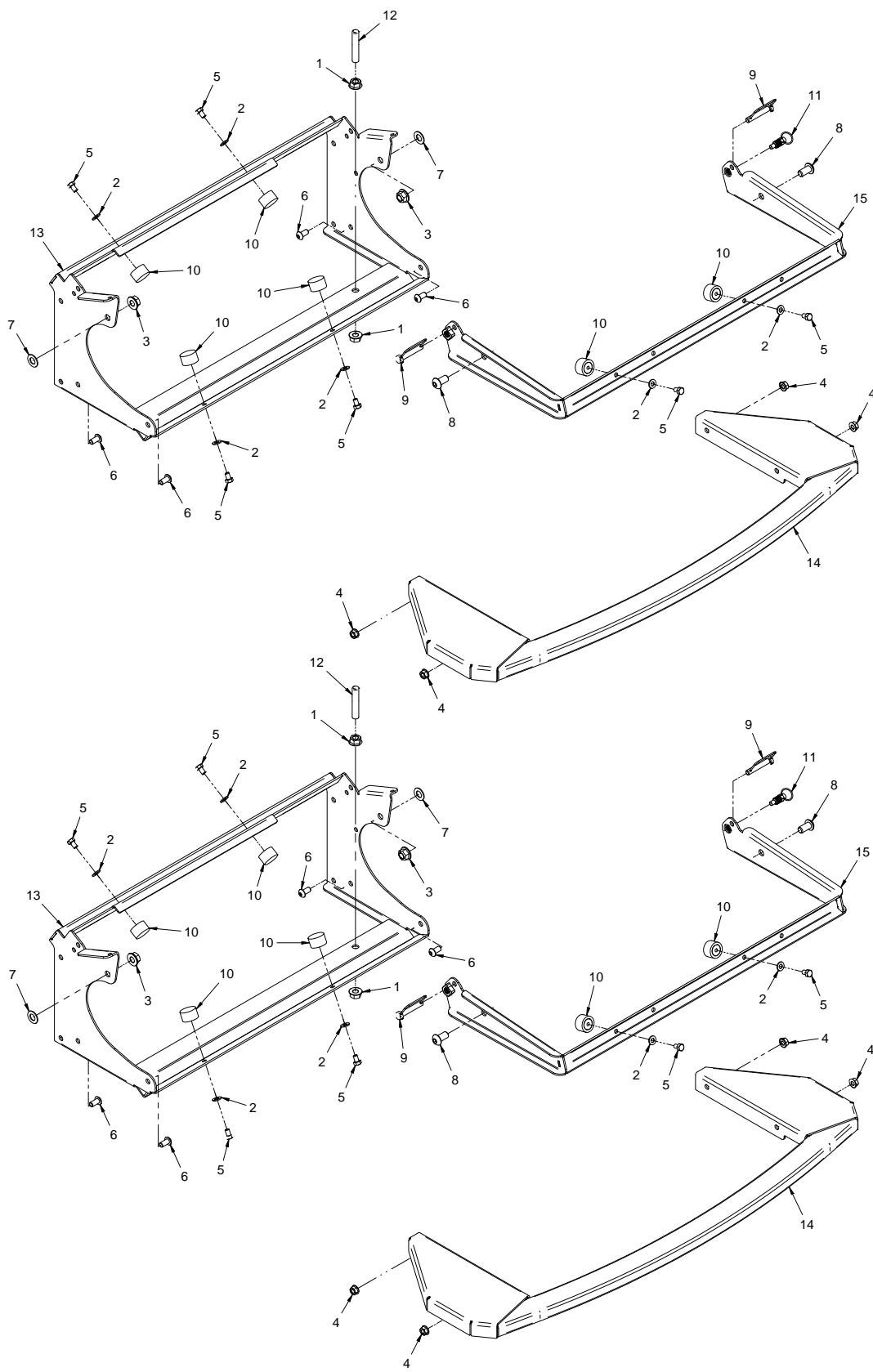
OPTIONS

70.4110 Propane Mount Brackets & Posts

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF08	.NUT, SRF 1/2-13 USS.	6
2	95.06	.WASHER, FLAT 3/8 SAE	4
3	99.SF06	.NUT, SRF 3/8-16 USS.	12
4	99.0606	.BOLT, 3/8-16 X 3/4 BSCS	8
5	99.0808	.BOLT, 1/2-13 X 1 BSCS	6
6	90.0606	.BOLT, 3/8-16 USS X 3/4	4
7	62.1364	.POST, PROPANE MT RIGHT	1
8	62.1367	.POST, PROPANE MT LEFT	1
9	64.1710	.BRACKET, PROPANE VALVE MOUNT	1
10	64.1590	.BRACKET, PROPANE MT LEFT (Standard Hitch)	1
11	64.1589	.BRACKET, PROPANE MT RIGHT (Standard Hitch)	1
12	64.1638	.BRACKET, PROPANE MT LEFT (3 Point Hitch)	1
13	64.1639	.BRACKET, PROPANE MT RIGHT (3 Point Hitch)	1
14	62.1366	.FRAME, PROPANE TANK SUPPORT	2

OPTIONS

ILLUSTRATED DRAWING 70.4110 Propane Tank Frames



OPTIONS

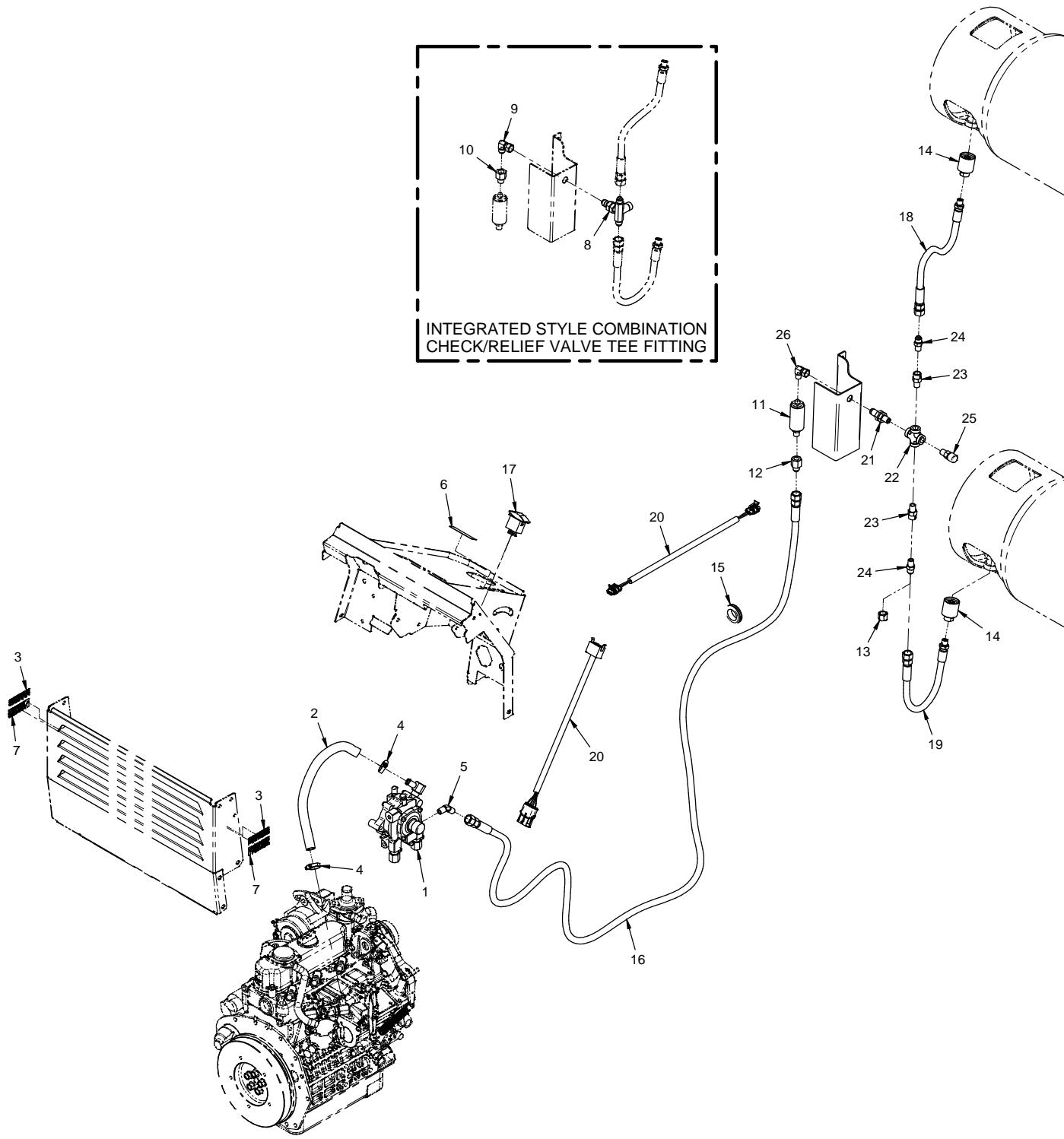
70.4110 Propane Tank Frames

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF08	.NUT, SRF 1/2-13 USS.	4
2	95.05	.WASHER, FLAT 5/16 SAE	12
3	99.E0103	.NUT, LOCKING FLANG 1/2-13	4
4	99.SF06	.NUT, SRF 3/8-16 USS.	8
5	90.0504	.BOLT, 5/16-18 USS X 1/2"	12
6	99.0606	.BOLT, 3/8-16 X 3/4 BSCS	8
7	05.0145	.WASHER .55ID X 1.03OD X .062T	4
8	99.0808	.BOLT, 1/2-13 X 1 BSCS	4
9	03.0001	.PIN, SAFETY SNAP 3/8 X 1-3/4"	4
10	05.0118	.BUMPER, RUBBE CYLINDRICAL	12
11	03.0018	.PIN, SPRING PLUNGER W/RING	2
12	03.0020	.PIN, INDEX 1/2-13	2
13	62.1366	.FRAME, PROPANE TANK SUPPORT	2
14	60.1115	.GUARD, PROPANE TANK	2
15	64.1588	.RETAINER, PROPANE TANK	2

OPTIONS

ILLUSTRATED DRAWING

70.4110 Propane Supply



OPTIONS

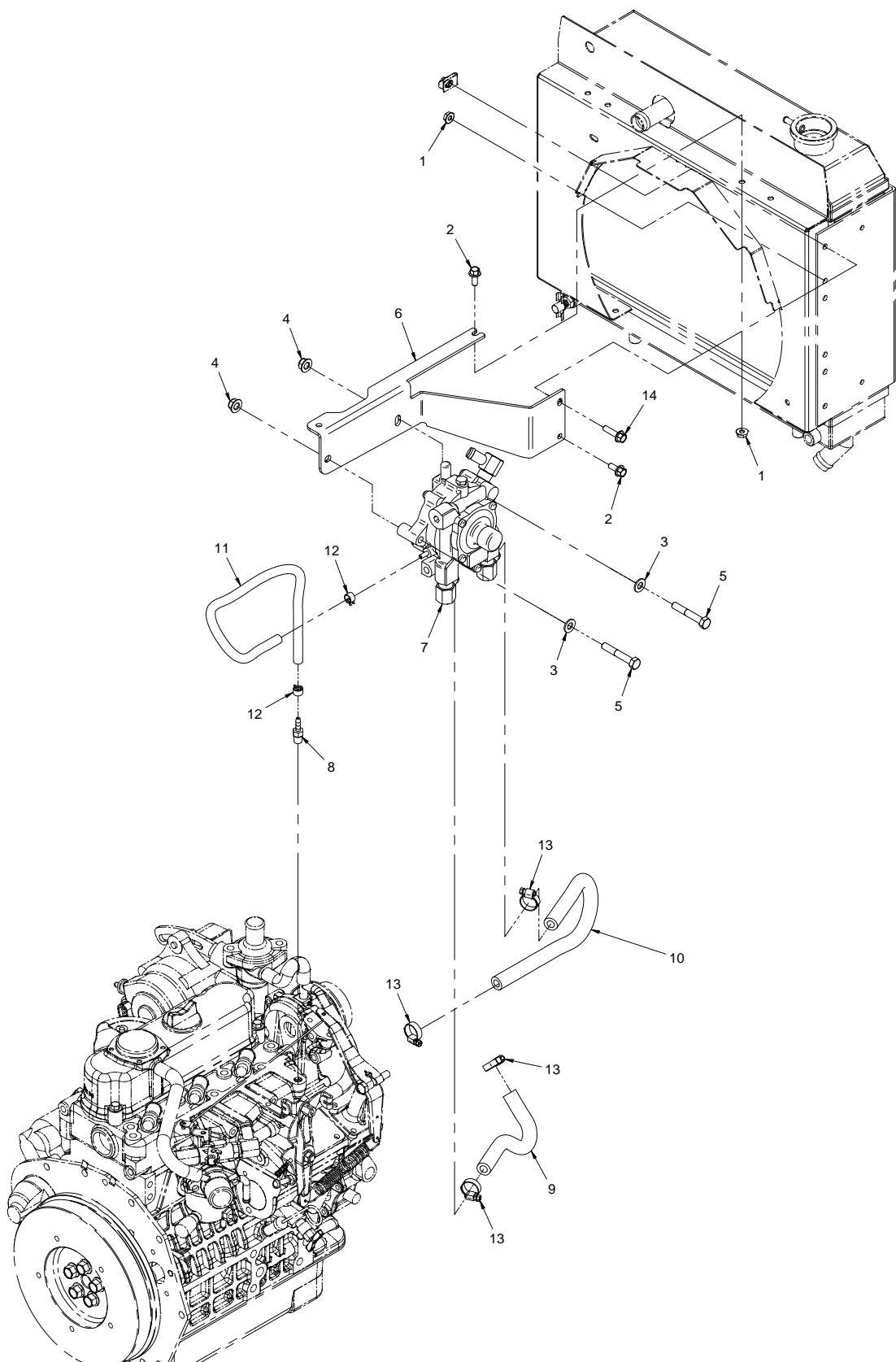
70.4110 Propane Supply

REF.	PART NO.	DESCRIPTION	QTY.
1	13.0252	VAPORIZER, PROPANE	1
2	14.0043	HOSE, KUBOTA LP VAPORIZER	1
3	00.0324	DECAL, PROPANE/GAS POWERED	2
4	11.0032	CLAMP, HOSE S/S 7/16-25/32	2
5	25.9064-06-04	FITTING, ELBOW 3/8MJ X 1/4BSPT	1
6	00.0335	DECAL, SWITCH GAS/PROPANE	1
7	00.0325	DECAL, PROPANE POWERED	2
8	23.0162	VALVE, CHECK LPG	1
9	25.HF166FSV-06-06	FITTING, 90 ELBOW 45 DEG 06-06	1
10	25.HF664FHD-06-04	FITTING, ADAPTOR 45 DEG 06-04	1
11	23.0160	VALVE, PROPANE LOCK-OFF	1
12	25.2405-06-04	FITTING, F CONN 3/8 X 1/4	1
13	25.HF640F-06	FITTING, CAP 45 DEG 06	1
14	47.0332	CONNECTOR, LPG TANK	2
15	05.0060	GROMMET, 1-1/8 ID, 1-3/4 OD	1
16	13.0265	HOSE, 5/16 X 96.00 LPG	1
17	31.0053	SWITCH, ROCKER ON/OFF	1
18	13.0266	HOSE, 5/16 X 15.00 LPG	1
19	13.0266	HOSE, 5/16 X 15.00 LPG	1
20	32.0119	HARNESS, WIRE PROPANE	1
21	25.2706-04-06LN	FITTING, BULKHEAD W/ LOCKNUT	1
22	25.5652-04-04-04F	FITTING, CROSS FEMALE 1/4 NPT	1
23	23.0167	VALVE, CHECK	2
24	25.HF48F-06-04	FITTING, M CONN 06 X 04	2
25	23.0166	VALVE, RELIEF	1
26	25.6501-04-06F	FITTING, 90 MFE 1/4 X 3/8	1

OPTIONS

ILLUSTRATED DRAWING

70.4110 Propane Vaporizer



OPTIONS

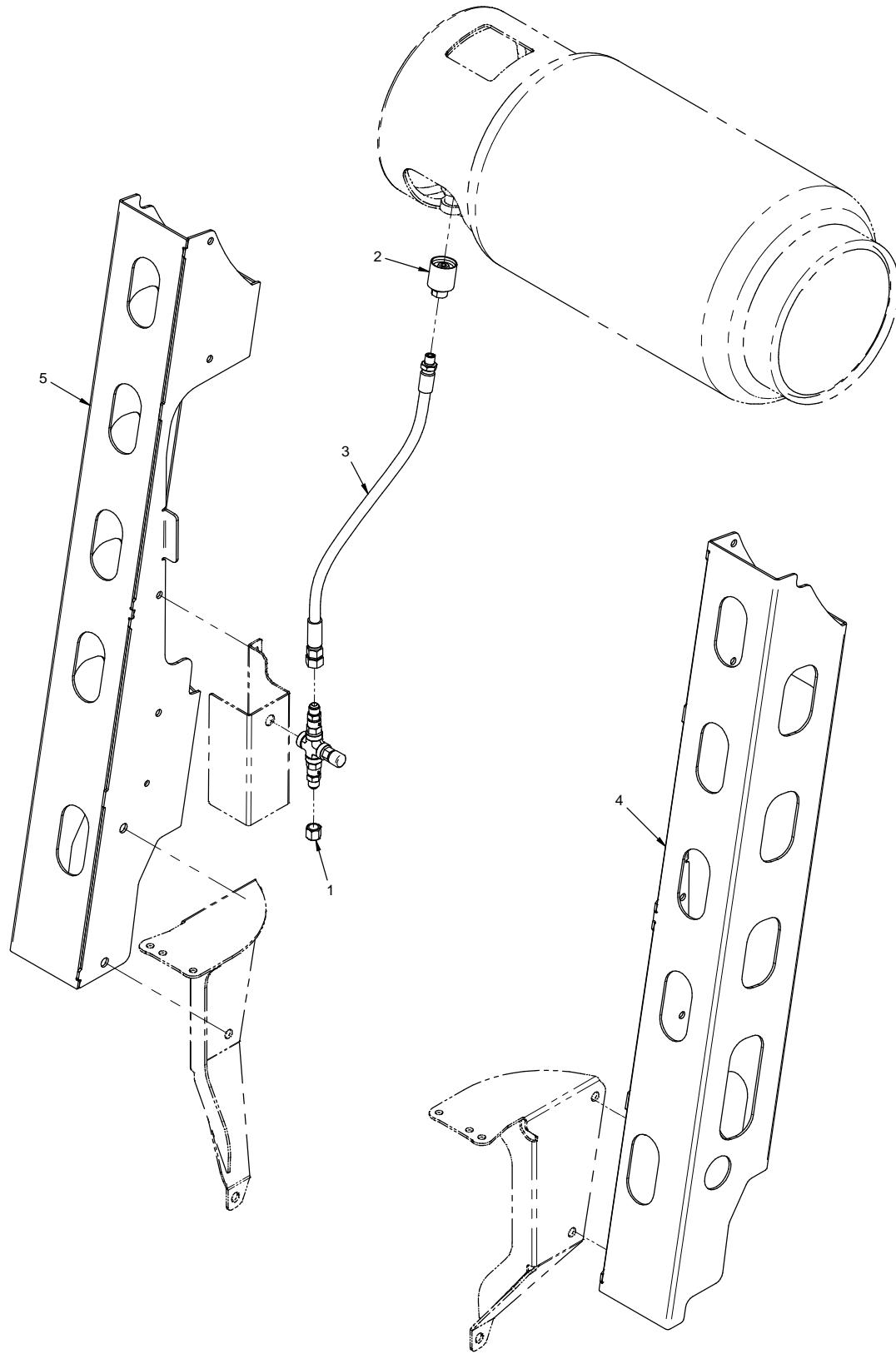
70.4110 Propane Vaporizer

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.....	2
2	99.SF0405-1	.BOLT, SMF 1/4-20 X 5/8	2
3	95.05	.WASHER, FLAT 5/16 SAE	2
4	99.E0102	.NUT, LOCKING FLANGE 5/16-18	2
5	90.0516	.BOLT, 5/16-18 USS X 2"	2
6	64.1673	.MOUNT, LP VAPORIZER.....	1
7	13.0252	.VAPORIZER, PROPANE	1
8	29.BF03MP02	.FITTING, 3/16 BARB X 1/8 MP ST.....	1
9	27.R06-10IN	.HOSE, HEATER 3/8" SAE J20R3 X 10".....	1
10	27.R06-13IN	.HOSE, HEATER 3/8" SAE J20R3 X 13".....	1
11	27.F03-16IN	.HOSE, FUEL LINE X 3/16 X 16".....	1
12	11.0073	.CLAMP, HOSE BAND 7/16" OD HOSE	2
13	11.0032	.CLAMP, HOSE S/S 7/16-25/32.....	4
14	99.SF0408	.BOLT, SRF 1/4 X 1 USS	1

OPTIONS

ILLUSTRATED DRAWING

70.4123 Propane Adapter Kit for SS575 Spreader



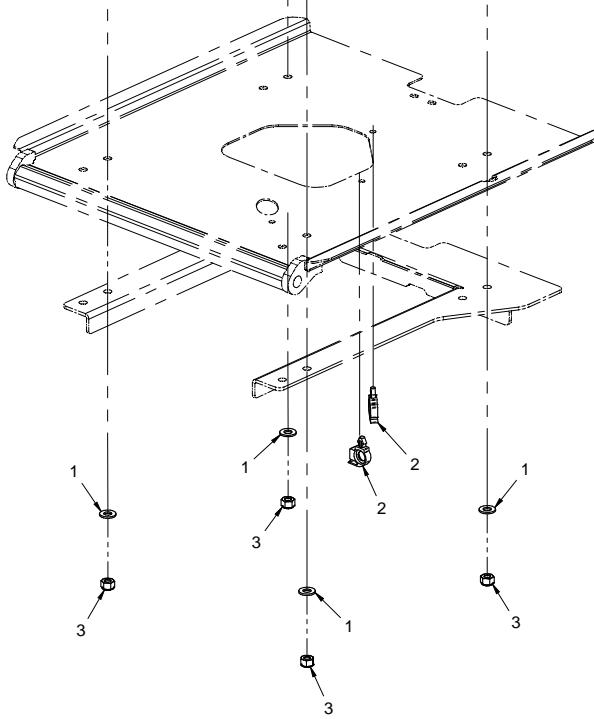
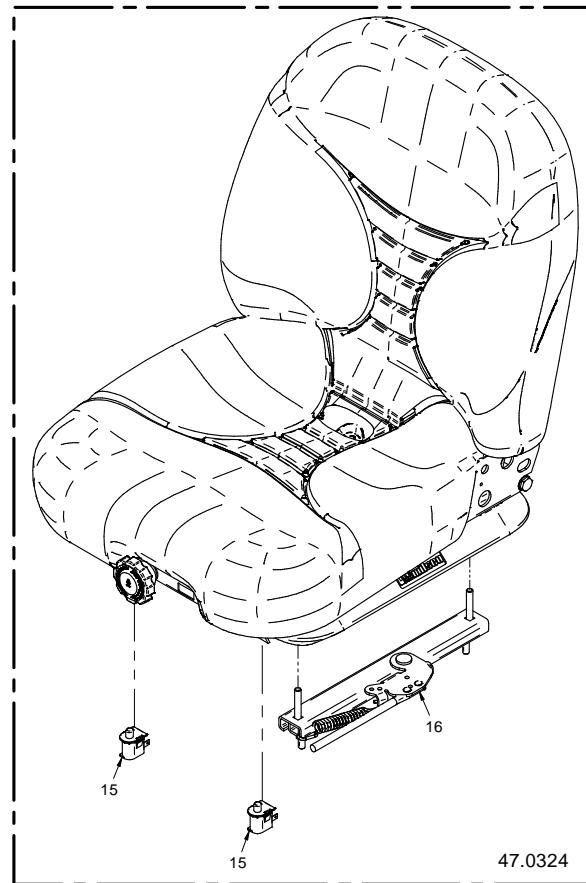
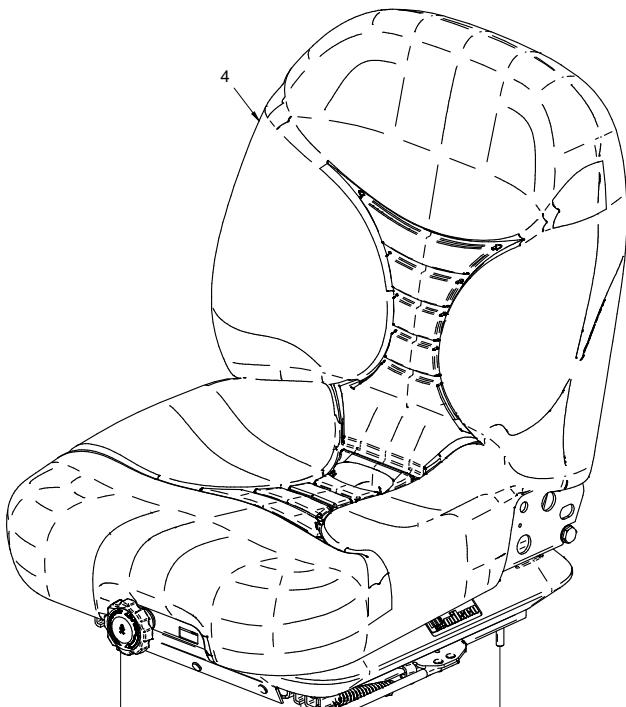
OPTIONS

70.4123 Propane Adapter Kit for SS575 Spreader

REF.	PART NO.	DESCRIPTION	QTY.
1	25.HF640F-06	.FITTING, CAP 45 DEG 06	1
2	47.0332	.CONNECTOR, LPG TANK	1
3	13.0292	.HOSE, 5/16 X 21.00 LPG	1
4	62.1392	.POST, PROPANE MT LEFT	1
5	62.1393	.POST, PROPANE MT RIGHT	1

OPTIONS

ILLUSTRATED DRAWING 70.4111 Suspension Seat Kit



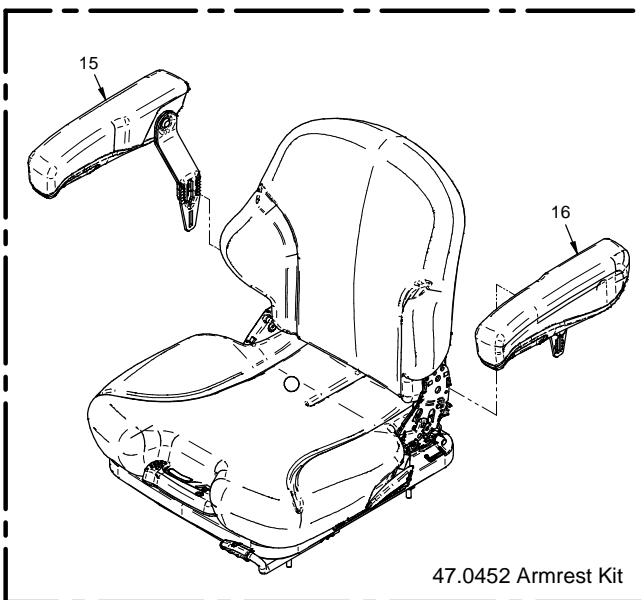
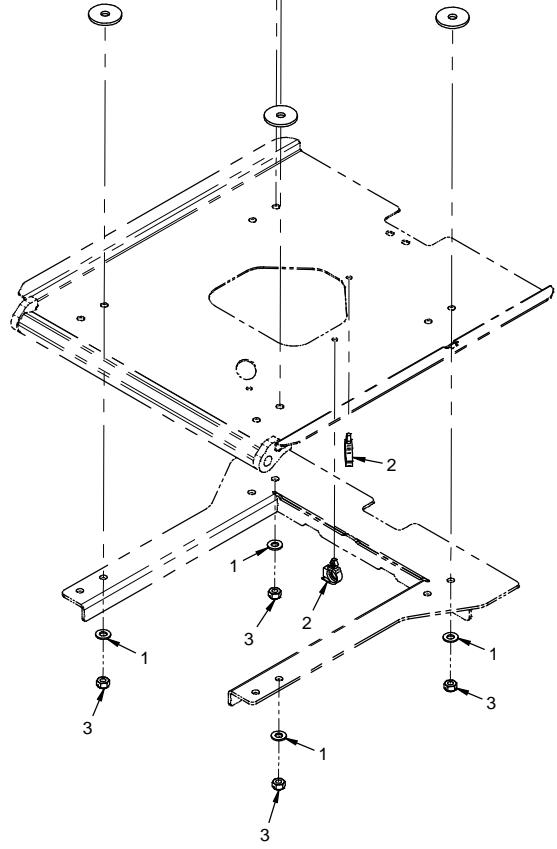
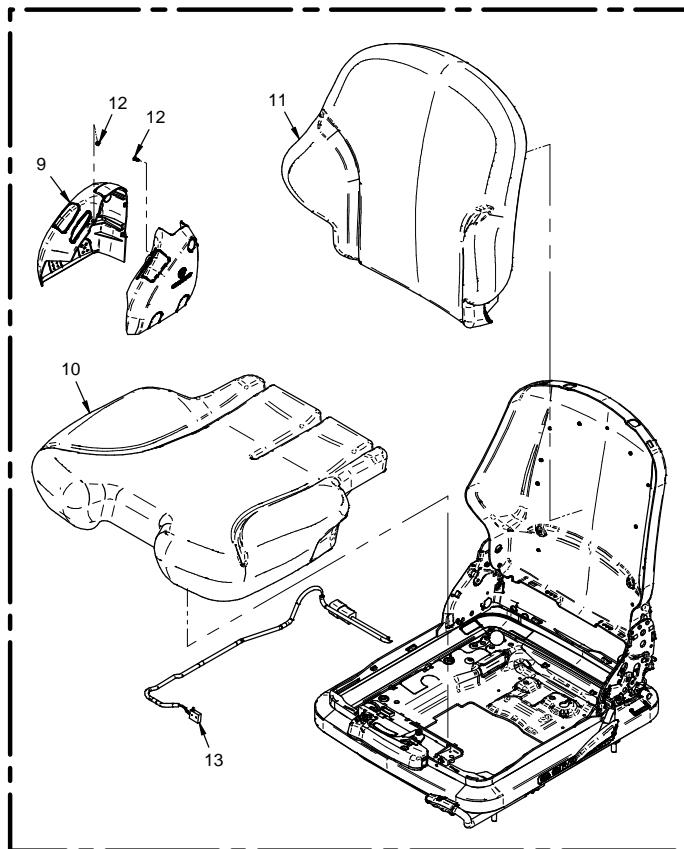
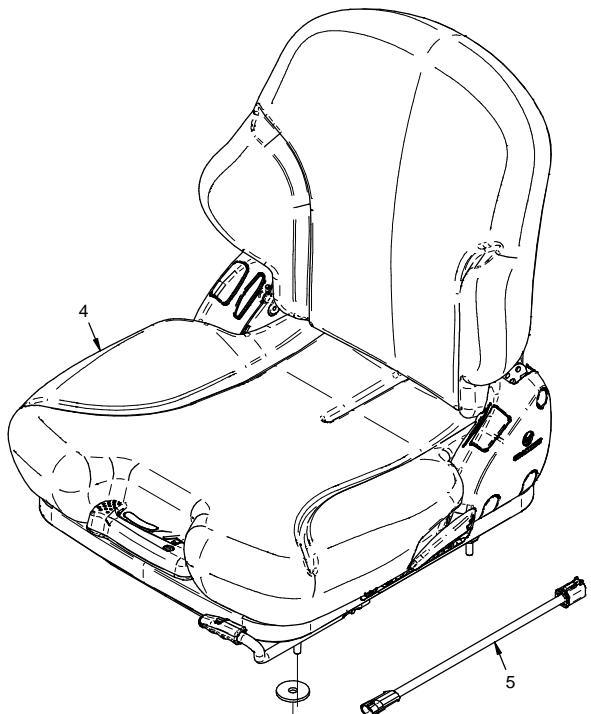
OPTIONS

70.4111 Suspension Seat Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	95.05	WASHER, FLAT 5/16 SAE	4
2	30.0135	CLAMP, LOOM 3/8 ROSEBUD MOUNT	2
3	99.A05N	LOCKNUT, NYLON 5/16-18 USS	4
4	47.0324	SEAT, SUSPENSION	1
15	31.0062	SWITCH, SEAT WITH RUBBER BOOT	2
16	47.0324-1	SEAT SLIDE, LEFT W/ ADJUSTMENT HANDLE	1

OPTIONS

ILLUSTRATED DRAWING 70.4154 Suspension Seat Kit



47.0452 Armrest Kit

OPTIONS

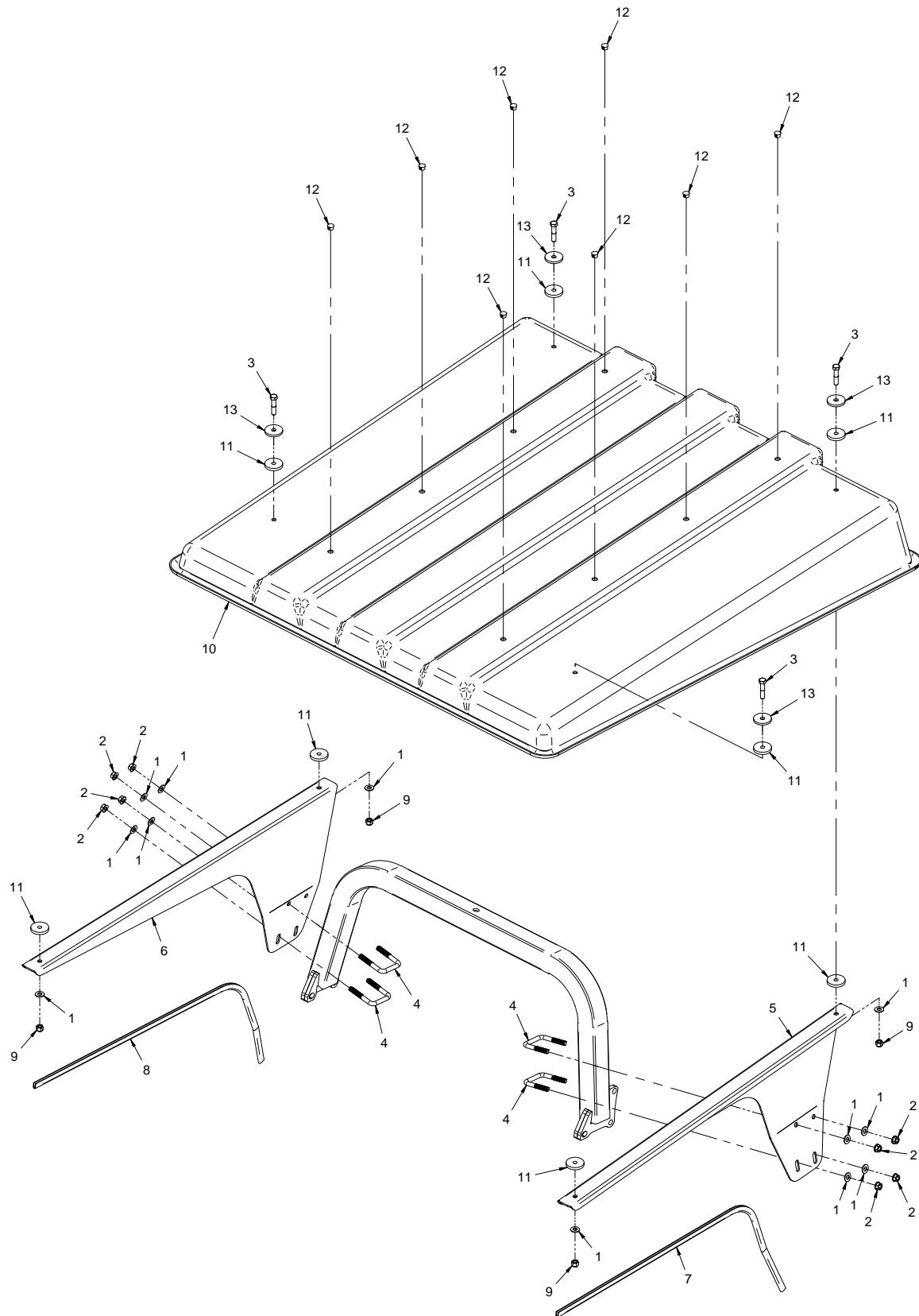
70.4154 Suspension Seat Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	95.05	WASHER, FLAT 5/16 SAE	4
2	30.0135	CLAMP, LOOM 3/8 ROSEBUD MOUNT	2
3	99.M0068	NUT, M8 X 1.25 NYLON LOCK	4
4	70.4154	KIT, SUSPENSION SEAT	1
5	32.0212	HARNESS, WIRE GRAMMER SEAT	1
9	47.0482	COVER, LEFT & RIGHT SIDE (SET)	1
10	47.0467	CUSHION, SEAT	1
11	47.0468	CUSHION, BACKREST	1
12	04.0049	RIVET, SIDE COVERS FOR GRAMMER SEAT	2
13	31.0075	SWITCH, SEAT	1
15	47.0452-R	ARMREST, RIGHT - SUSPENSION SEAT	1
16	47.0452-L	ARMREST, LEFT - SUSPENSION SEAT	1

OPTIONS

ILLUSTRATED DRAWING

70.0098 Canopy Kit



OPTIONS

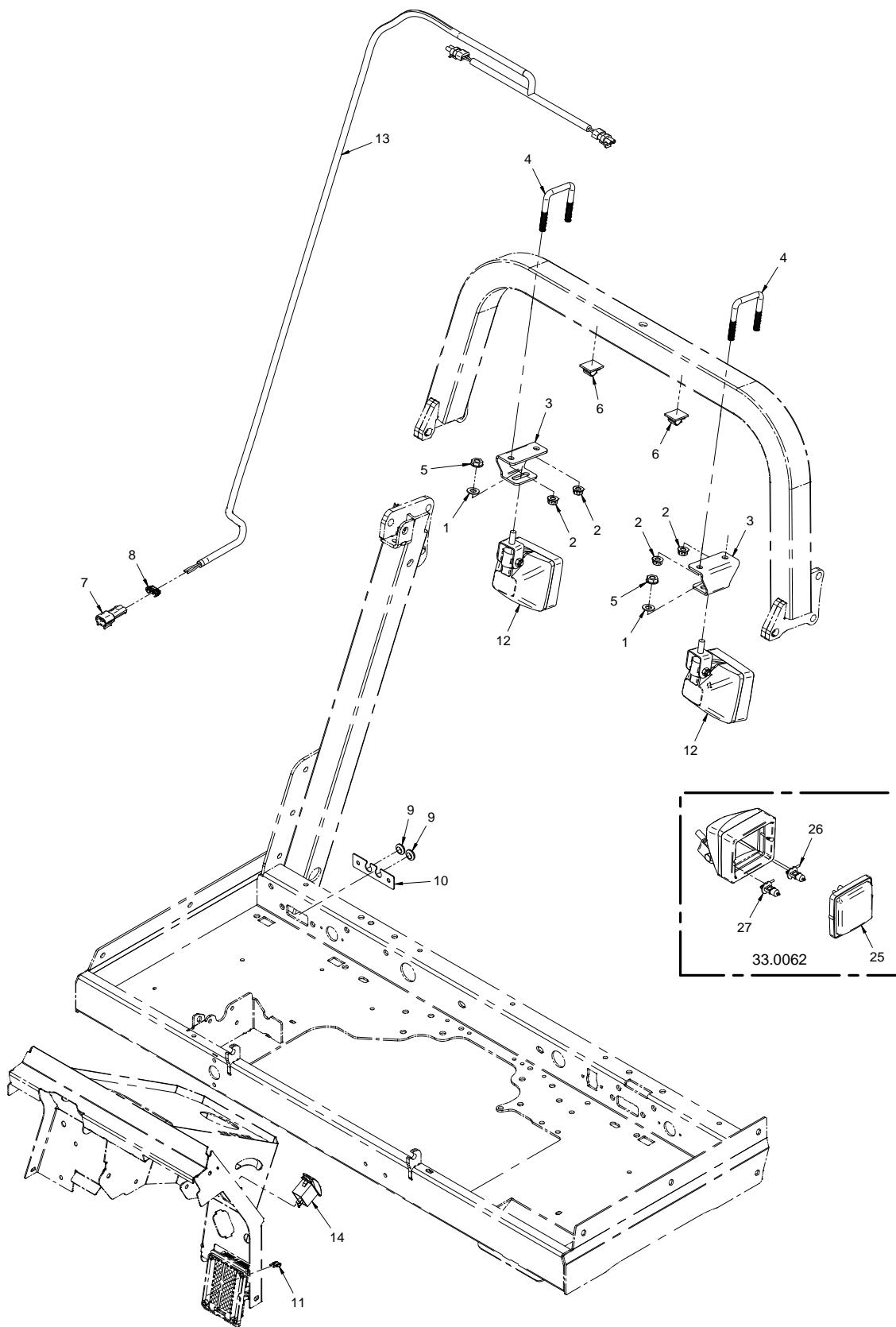
70.0098 Canopy Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	95.06	WASHER, FLAT 3/8 SAE	12
2	99.SF06	NUT, SRF 3/8-16 USS	8
3	90.0614	BOLT, 3/8-16 USS X 1-3/4	4
4	11.0053	U-BOLT, 3/8-16 2-1/16" ID SQ BEND	4
5	62.0915	FRAME, CANOPY LEFT SIDE	1
6	62.0914	FRAME, CANOPY RIGHT SIDE	1
7	06.0050-41IN	TRIM, TRIM LOC 1/2 X 3/16 X 41"	1
8	06.0050-41IN	TRIM, TRIM LOC 1/2 X 3/16 X 41"	1
9	99.A06N	LOCKNUT, NYLON 3/8-16 USS	4
10	47.0186	CANOPY, SHELL ONLY, WHITE	1
11	05.0085	WASHER, NEOPRENE	8
12	05.0086	PLUG, 1/2" HOLE, NYLON-WHITE	8
13	99.B0076	WASHER, .185 X 13/32 ID X 1-5/8	4

OPTIONS

ILLUSTRATED DRAWING

70.4113 Work Light Kit



OPTIONS

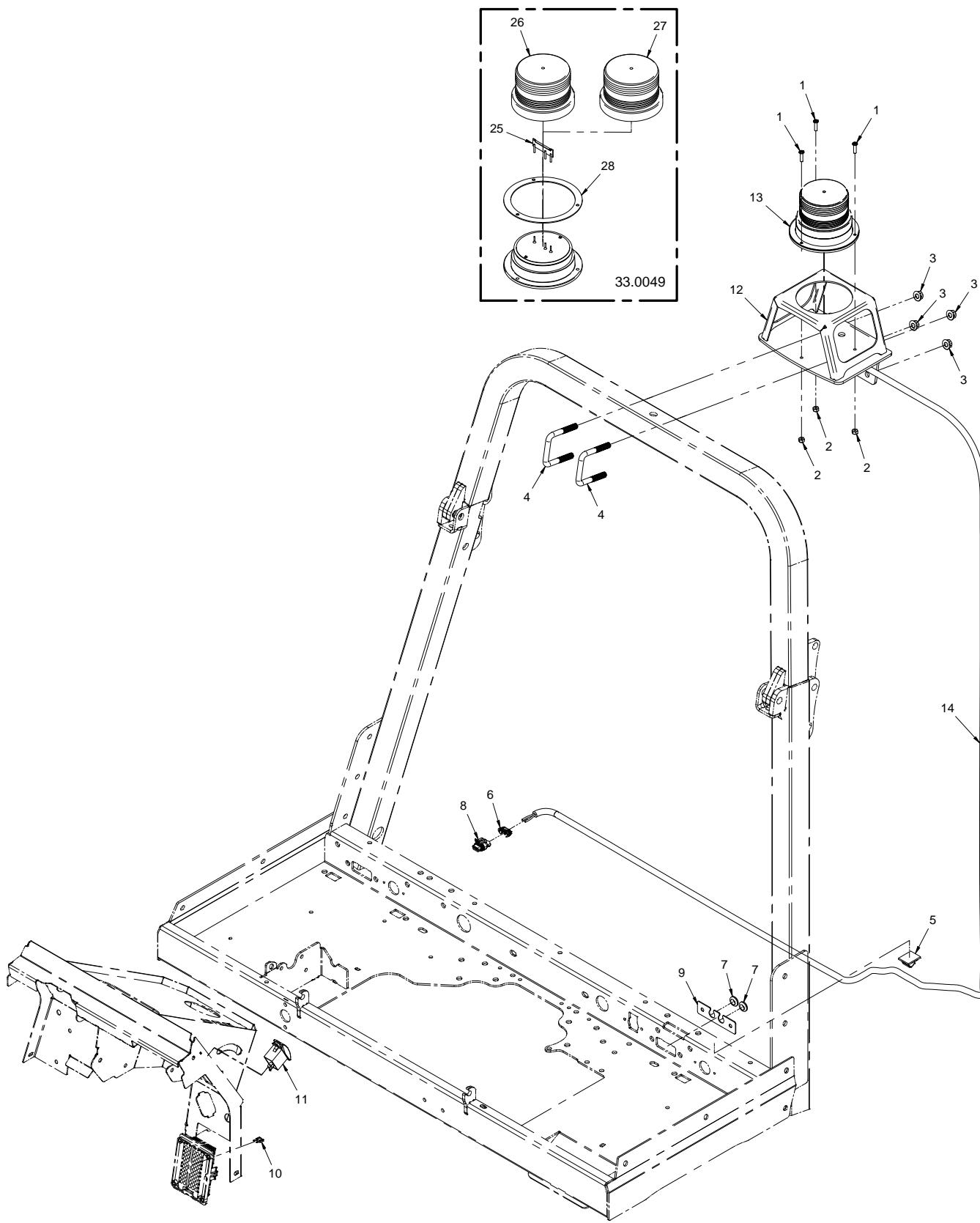
70.4113 Work Light Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	95.06	WASHER, FLAT 3/8 SAE	2
2	99.E0082	NUT, LOCKING FLANGE 3/8-16	4
3	64.1706	BRACKET, WORKLIGHT MOUNT KN	2
4	11.0053	U-BOLT, 3/8-16 2-1/16" ID SQ BEND	2
5	99.M0021	NUT, SMF M10 X 1.5	2
6	30.0217	CLAMP, WIRE MT ADH. 1/2 GRAY	2
7	30.0322	CONNECTOR, MP280 MALE BODY	1
8	30.0326	CLIP, MP280 CONNECTOR	1
9	05.0136	GROMMET, 7/16ID, 3/4OD, 1/4THK	2
10	60.1175	COVER, OPT. LIGHT KIT ACCESS	1
11	30.0334	FUSE, 15 AMP MINI BLUE	1
12	33.0062	LIGHT, WORK 3 X 3	2
13	32.0116	HARNESS, WIRE WORK LIGHT	1
14	31.0053	SWITCH, ROCKER ON/OFF	1
25	33.0054	OPTICAL UNIT, LENS/REFLECTOR	1
26	33.0055	BULB, LIGHT (ONLY) FOR 55 WATT	1
27	33.0056	BULB, LIGHT (ONLY) FOR 35 WATT (Optional)	1

OPTIONS

ILLUSTRATED DRAWING

70.4114 Strobe Light Kit



OPTIONS

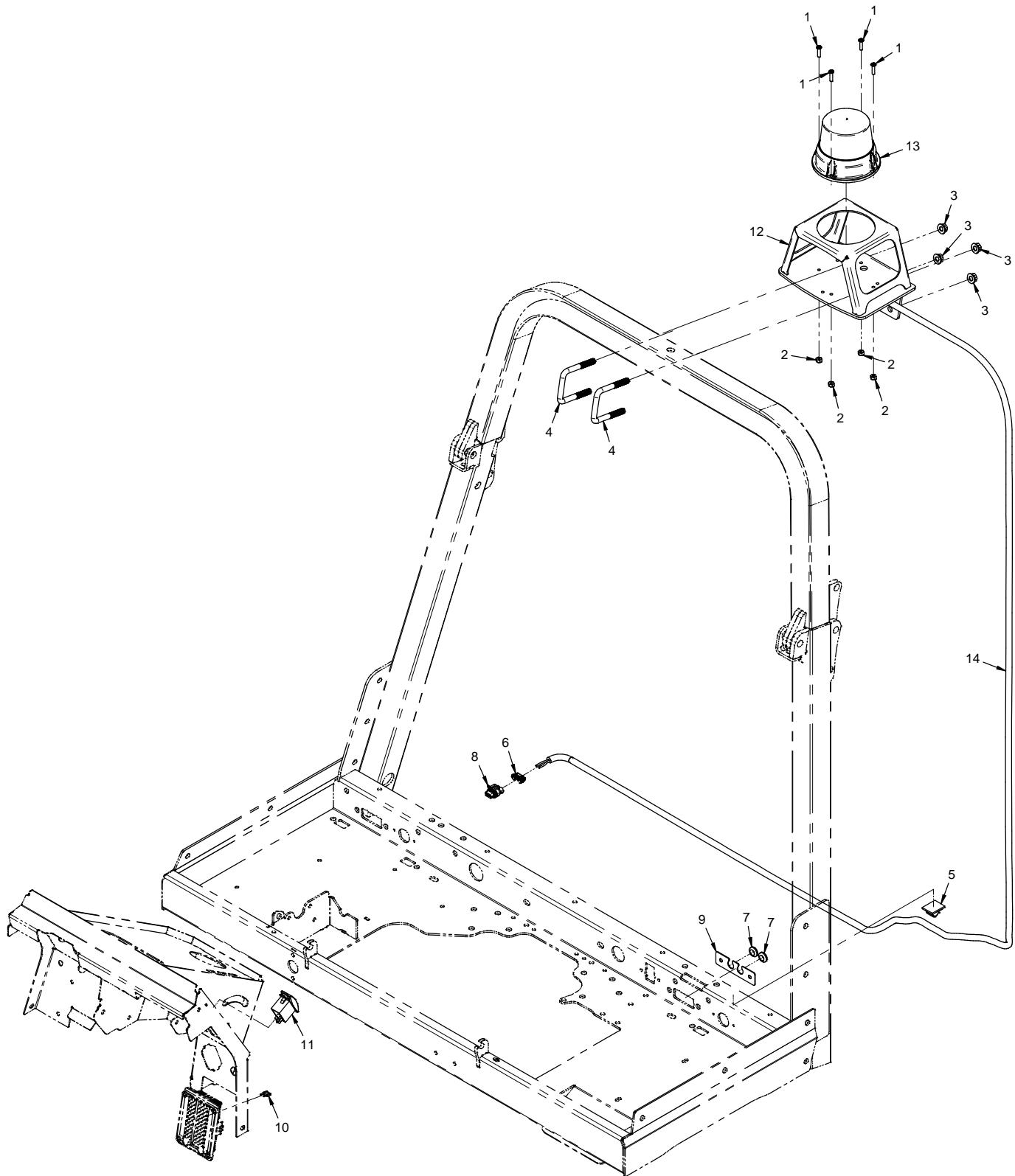
70.4114 Strobe Light Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.K0047	MACHINE SCREW, #10-32 X 3/4.	3
2	99.A1032N	LOCKNUT, NYLON 10-32 STAINLESS.	3
3	99.E0082	NUT, LOCKING FLANGE 3/8-16	4
4	11.0053	U-BOLT, 3/8-16 2-1/16" ID SQ BEND.	2
5	30.0217	CLAMP, WIRE MT ADH. 1/2 GRAY	1
6	30.0326	CLIP, MP280 CONNECTOR	1
7	05.0136	GROMMET, 7/16ID, 3/4OD, 1/4THK	2
8	30.0323	CONNECTOR, MP280 FEMALE BODY	1
9	60.1175	COVER, OPT. LIGHT KIT ACCESS	1
10	30.0334	FUSE, 15 AMP MINI BLUE.	1
11	31.0053	SWITCH, ROCKER ON/OFF	1
12	62.1383	FRAME, LIGHT BAR	1
13	33.0049	LIGHT, STROBE AMBER.	1
14	32.0117	HARNESS, WIRE STROBE LIGHT.	1
25	33.0052	BULB, STROBE LIGHT FOR 33.0049.	1
26	33.0050	LENS, STROBE - AMBER 3-1/2"	1
27	33.0051	LENS, STROBE - BLUE 3-1/2" (Optional)	1
28	33.0049-1	RING, CLAMP	1

OPTIONS

ILLUSTRATED DRAWING

70.4155 Strobe Light Kit



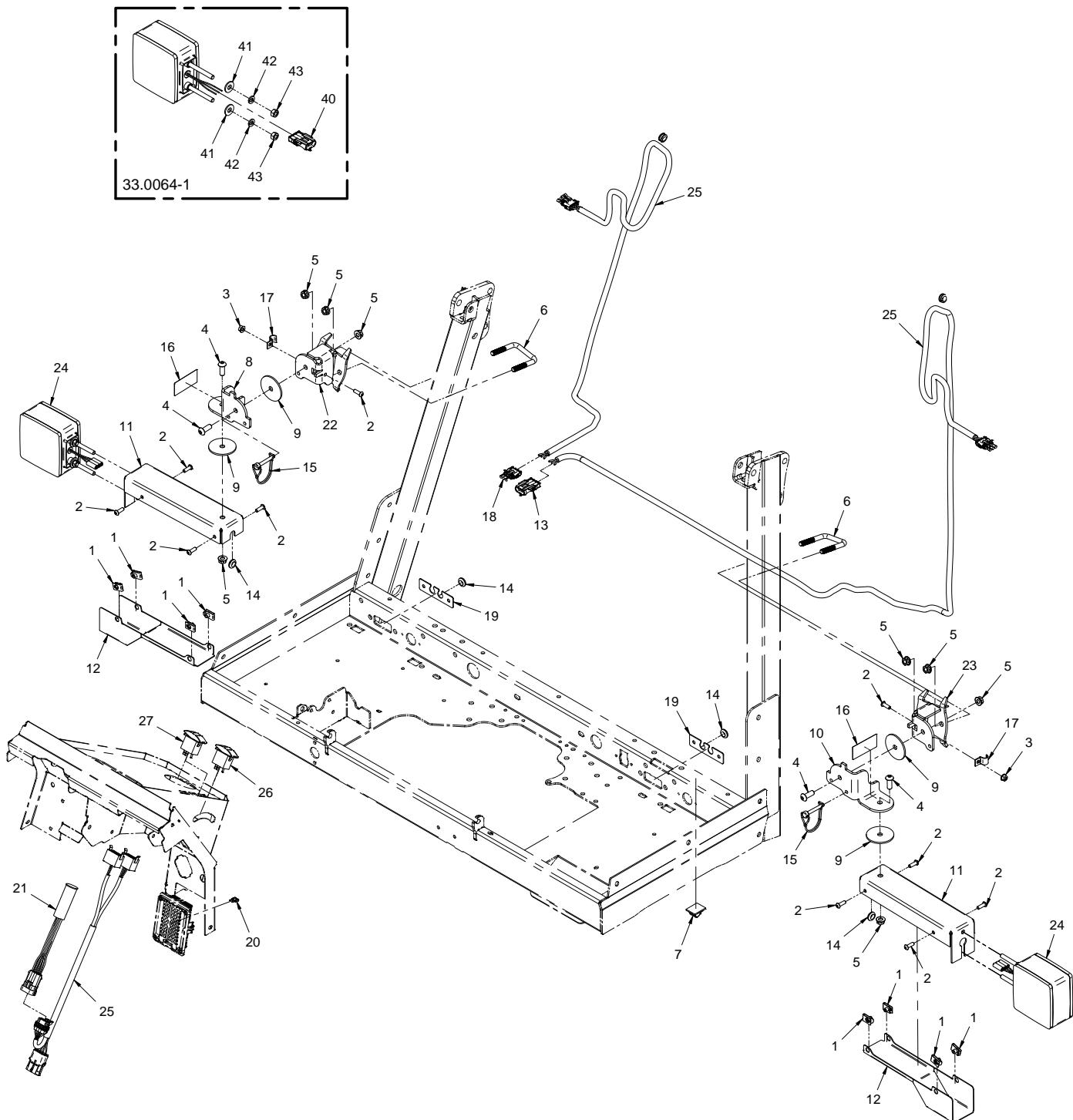
OPTIONS

70.4155 Strobe Light Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.K0047	MACHINE SCREW, #10-32 X 3/4.	4
2	99.A1032N	LOCKNUT, NYLON 10-32 STAINLESS.	4
3	99.E0082	NUT, LOCKING FLANGE 3/8-16	4
4	11.0053	U-BOLT, 3/8-16 2-1/16" ID SQ BEND.	2
5	30.0217	CLAMP, WIRE MT ADH. 1/2 GRAY	1
6	30.0326	CLIP, MP280 CONNECTOR	1
7	05.0136	GROMMET, 7/16ID, 3/4OD, 1/4THK	2
8	30.0323	CONNECTOR, MP280 FEMALE BODY	1
9	60.1175	COVER, OPT. LIGHT KIT ACCESS	1
10	30.0334	FUSE, 15 AMP MINI BLUE.	1
11	31.0053	SWITCH, ROCKER ON/OFF	1
12	62.1383	FRAME, STROBE LIGHT	1
13	33.0073	LIGHT, STROBE AMBER	1
14	32.0117	HARNESS, WIRE STROBE LIGHT	1

OPTIONS

ILLUSTRATED DRAWING 70.4119 Directional / Hazard Light Kit



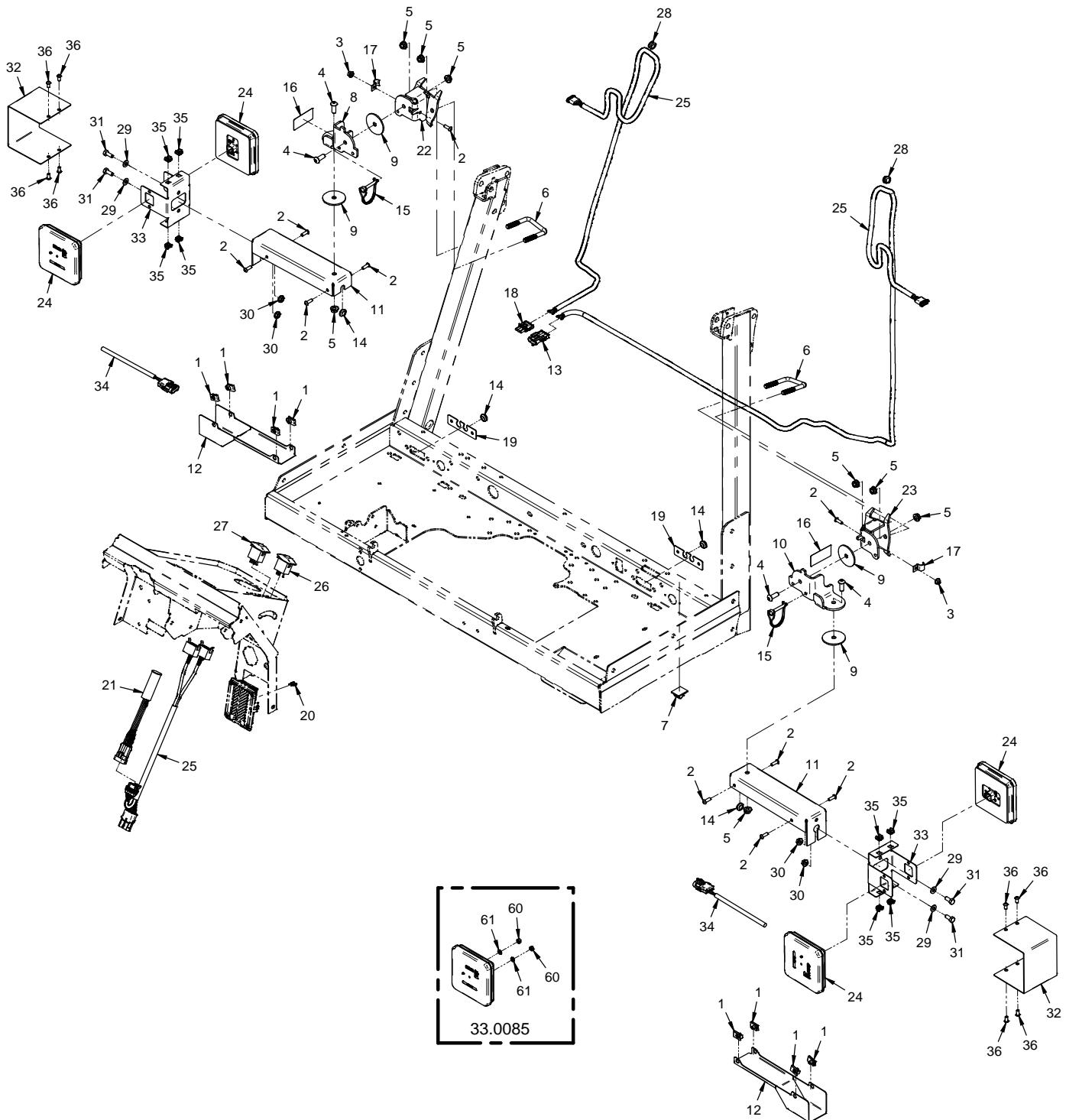
OPTIONS

70.4119 Directional / Hazard Light Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0046	.NUT, "U" 1/4-20 EXTRUDED	8
2	99.0406	.BOLT, 1/4-20 X 3/4 BSCS	10
3	99.E0101	.NUT, LOCKING FLANGE 1/4-20	2
4	99.0608	.BOLT, 3/8-16 X 1 BSCS	4
5	99.E0082	.NUT, LOCKING FLANGE 3/8-16	8
6	11.0053	.U-BOLT, 3/8-16 2-1/16" ID SQ BEND	2
7	30.0217	.CLAMP, WIRE MT ADH. 1/2 GRAY	1
8	64.1713	.BRACKET, DIRECTIONAL PIVOT RH	1
9	05.0002	.WASHER, FRIC. 2-1/4 X 13/32	4
10	64.1714	.BRACKET, DIRECTIONAL PIVOT LH	1
11	40.0388	.ARM, DIRECTIONAL LIGHT	2
12	60.1176	.COVER, DIRECTIONAL SIGNAL ARM	2
13	30.0423	.CONNECTOR, WPAK 3 POS MALE	1
14	05.0136	.GROMMET, 7/16ID, 3/4OD, 1/4THK	4
15	03.0009	.PIN, SAFETY SNAP 1/4 X 1-3/8	2
16	00.0218	.DECAL, WARNING PINCH POINT	2
17	11.0072	.CLAMP, 1/2 LOOP VINYL	2
18	30.0422	.CONNECTOR, WPAK 3 POS FEMALE	1
19	60.1175	.COVER, OPT. LIGHT KIT ACCESS	2
20	30.0333	.FUSE, 10 AMP MINI RED	1
21	35.0127	.MODULE, DIRECTIONAL LIGHT	1
22	64.1715	.BRACKET, ROLLBAR MOUNT RH	1
23	64.1716	.BRACKET, ROLLBAR MOUNT LH	1
24	33.0064-1	.LIGHT, LED DOUBLE FACE - AMBER	2
25	32.0118	.HARNESS, WIRE DIRECTIONAL (Includes Splitter & Front Switch Connectors)	1
26	31.0055	.SWITCH, ROCKER ON/OFF/ON	1
27	31.0053	.SWITCH, ROCKER ON/OFF	1
40	30.0423	.CONNECTOR, WPAK 3 POS MALE	1
41	94.05	.WASHER, FLAT 5/16 USS	2
42	96.05	.WASHER, LOCK 5/16	2
43	92.05	.NUT, 5/16-18 USS	2

OPTIONS

ILLUSTRATED DRAWING 70.4156 Directional / Hazard ECE Light Kit



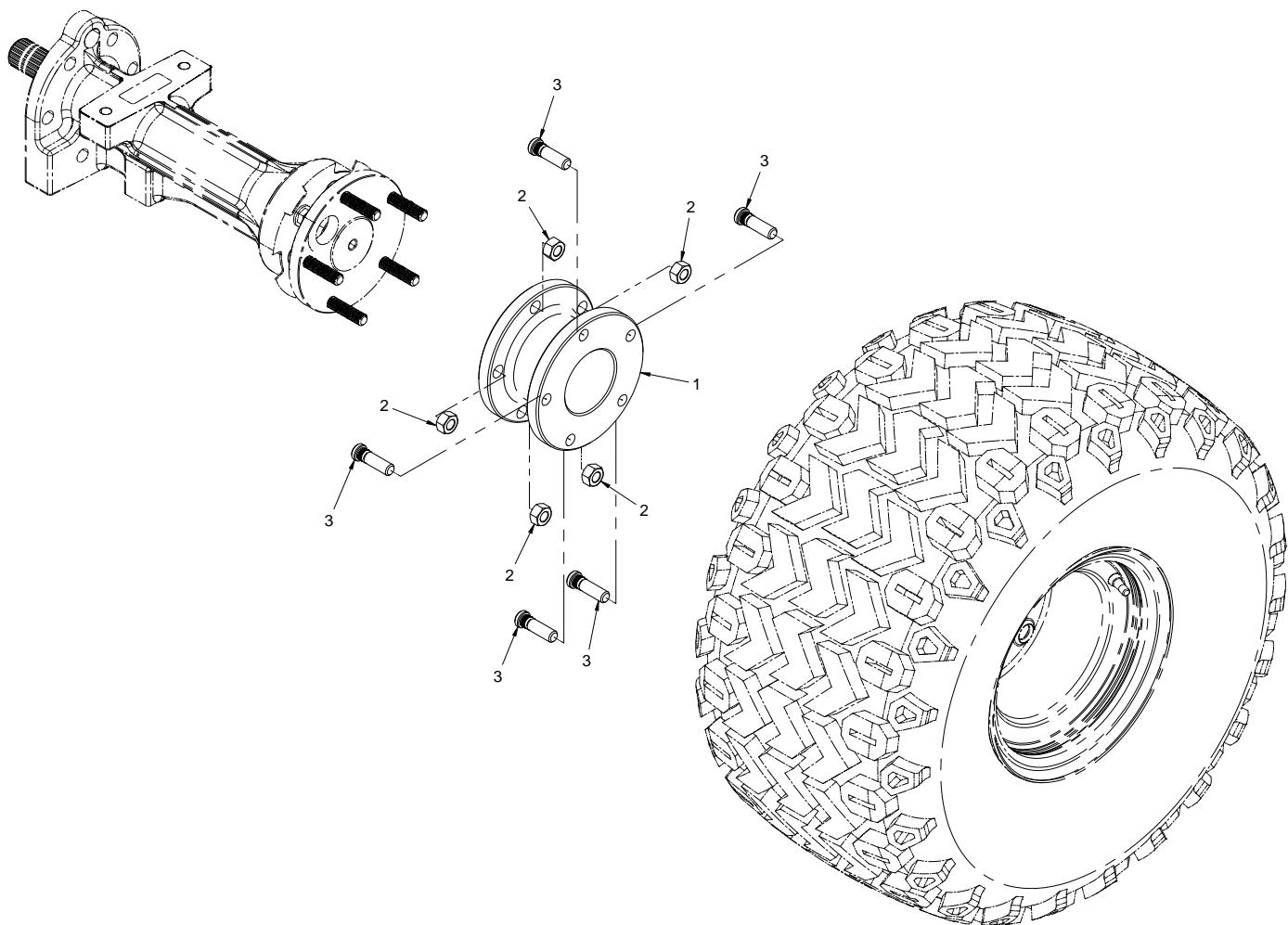
OPTIONS

70.4156 Directional / Hazard ECE Light Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0046	NUT, "U" 1/4-20 EXTRUDED	8
2	99.0406	BOLT, 1/4-20 X 3/4 BSCS	10
3	99.E0101	NUT, LOCKING FLANGE 1/4-20	2
4	99.SF0608-1	BOLT, SMF 3/8-16 X 1	4
5	99.E0082	NUT, LOCKING FLANGE 3/8-16	8
6	11.0053	U-BOLT, 3/8-16 2-1/16" ID SQ BEND	2
7	30.0217	CLAMP, WIRE MT ADH. 1/2 GRAY	1
8	64.1713	BRACKET, DIRECTIONAL PIVOT RH	1
9	05.0002	WASHER, FRIC. 2-1/4 X 13/32	4
10	64.1714	BRACKET, DIRECTIONAL PIVOT	1
11	40.0388	ARM, DIRECTIONAL LIGHT	2
12	60.1176	COVER, DIRECTIONAL SIGNAL ARM	2
13	30.0423	CONNECTOR, WPAK 3 POS MALE	1
14	05.0136	GROMMET, 7/16ID, 3/4OD, 1/4THK	4
15	03.0009	PIN, SAFETY SNAP 1/4 X 1-3/8	2
16	00.0218	DECAL, WARNING PINCH POINT (Serial # 01001-14497)	2
16	00.0364	DECAL, PINCH POINT HAZARD (Serial # 14498-)	2
17	11.0072	CLAMP, 1/2 LOOP VINYL	2
18	30.0422	CONNECTOR, WPAK 3 POS FEMALE	1
19	60.1175	COVER, OPT. LIGHT KIT ACCESS	2
20	30.0333	FUSE, 10 AMP MINI RED	1
21	35.0161	MODULE, DIRECTIONAL/HAZARD LIGHT	1
22	64.1715	BRACKET, ROLLBAR MOUNT RH	1
23	64.1716	BRACKET, ROLLBAR MOUNT LH	1
24	33.0085	LIGHT, ASM LED SINGLE FACE - AMBER	4
25	32.0118	HARNESS, WIRE DIRECTIONAL (Includes Splitter & Front Switch Connectors)	1
26	31.0055	SWITCH, ROCKER ON/OFF/ON	1
27	31.0053	SWITCH, ROCKER ON/OFF	1
28	05.0138	GROMMET, 7/16ID, 11/16OD, 3/8THK	2
29	95.05	WASHER, FLAT 5/16 SAE	4
30	99.SF05	NUT, SRF 5/16-18 USS	4
31	90.0506	BOLT, 5/16-18 USS X 3/4"	4
32	64.2015	COVER, SIGNAL LIGHT	2
33	64.2016	BRACKET, SIGNAL LIGHT	2
34	32.0217	HARNESS, 4500 DIRECTIONAL/HAZARD ECE	2
35	99.E0145	NUT, CAGE 1/4-20 (.025-.063")	8
36	99.0404	BOLT, 1/4-20 X 1/2 BSCS	8
60	99.M0031	NUT, M6 X 1.00	2
61	96.04	WASHER, LOCK 1/4	2

OPTIONS

ILLUSTRATED DRAWING 70.4098 Wheel Extension Kit



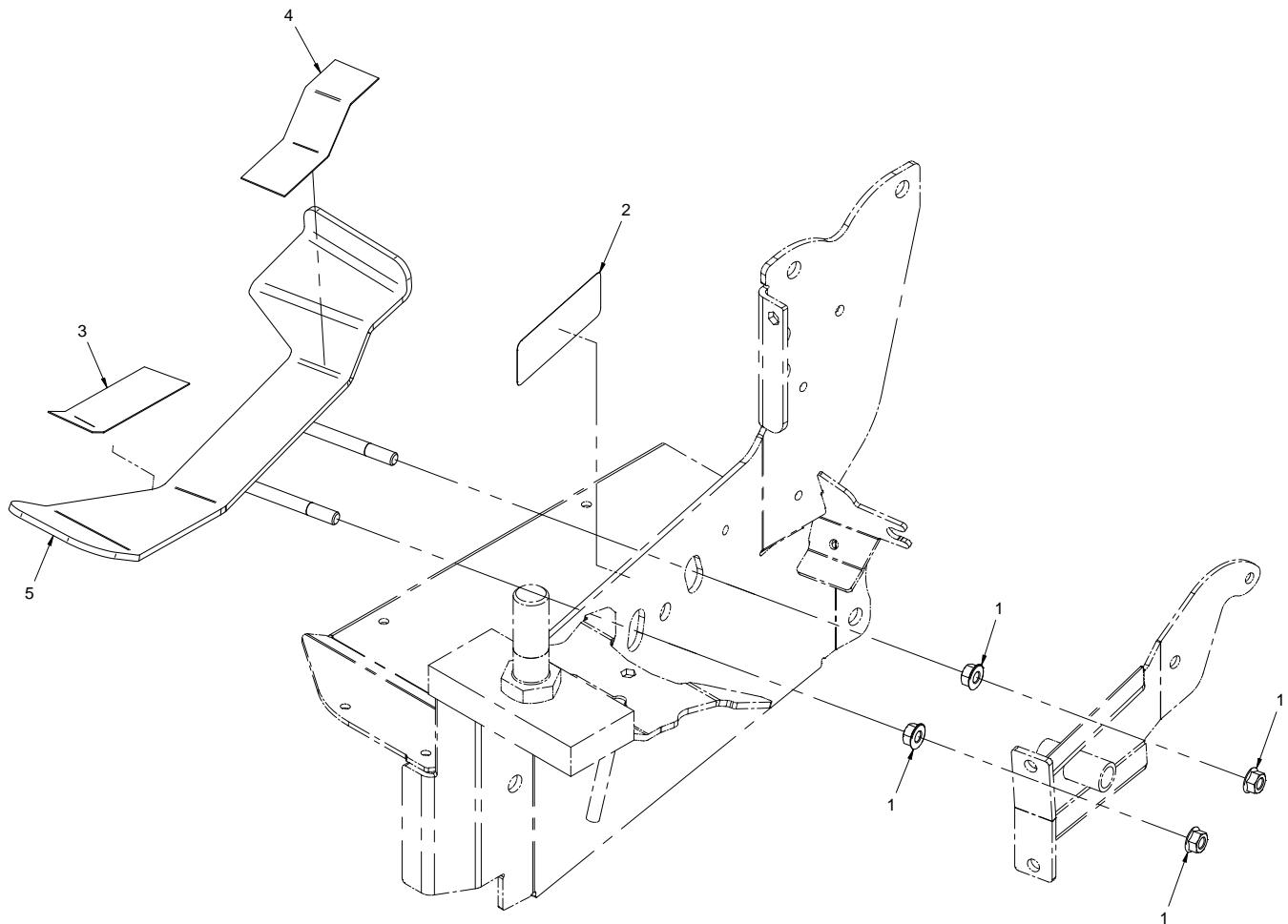
OPTIONS

70.4098 Wheel Extension Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	53.0144.....	.HUB, 3" WHEEL EXTENSION.....	4
2	93.07.....	.NUT, 7/16-20 SAE	20
3	99.K0120.....	.BOLT, 7/16-20 X 1-1/2 WHL STUD.....	20

OPTIONS

ILLUSTRATED DRAWING 70.4107 Foot Control Kit



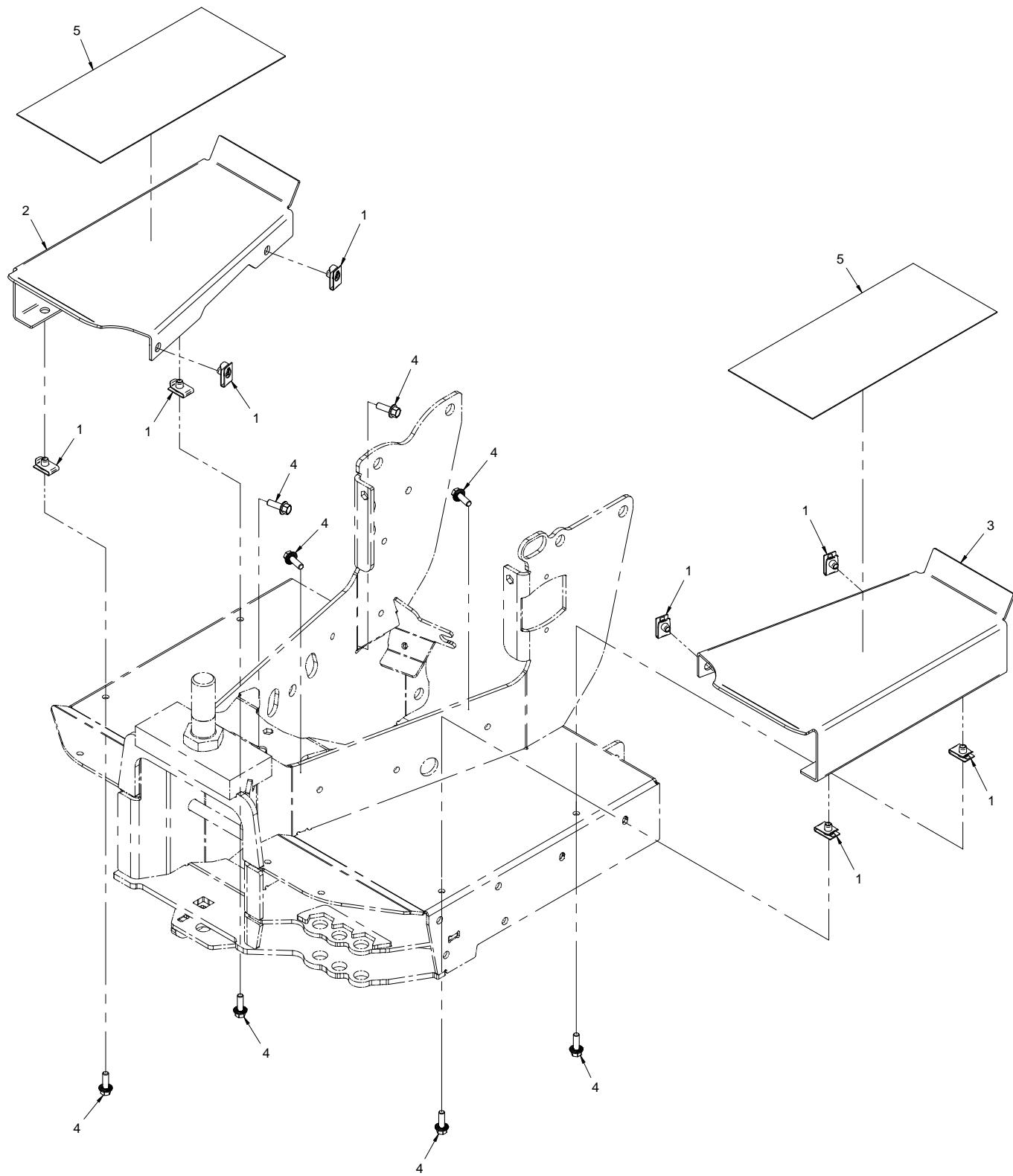
OPTIONS

70.4107 Foot Control Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF06	.NUT, SRF 3/8-16 USS.	4
2	00.0338	.DECAL, FOOT CONTROL.	1
3	56.0055-1.5IN	.FLEX TREAD, 5" BLACK COARSE X 1-1/2"	1
4	56.0055-1.5IN	.FLEX TREAD, 5" BLACK COARSE X 1-1/2"	1
5	62.1377	.PEDAL, FOOT KN.	1

OPTIONS

ILLUSTRATED DRAWING 70.4108 Raised Platform Kit



OPTIONS

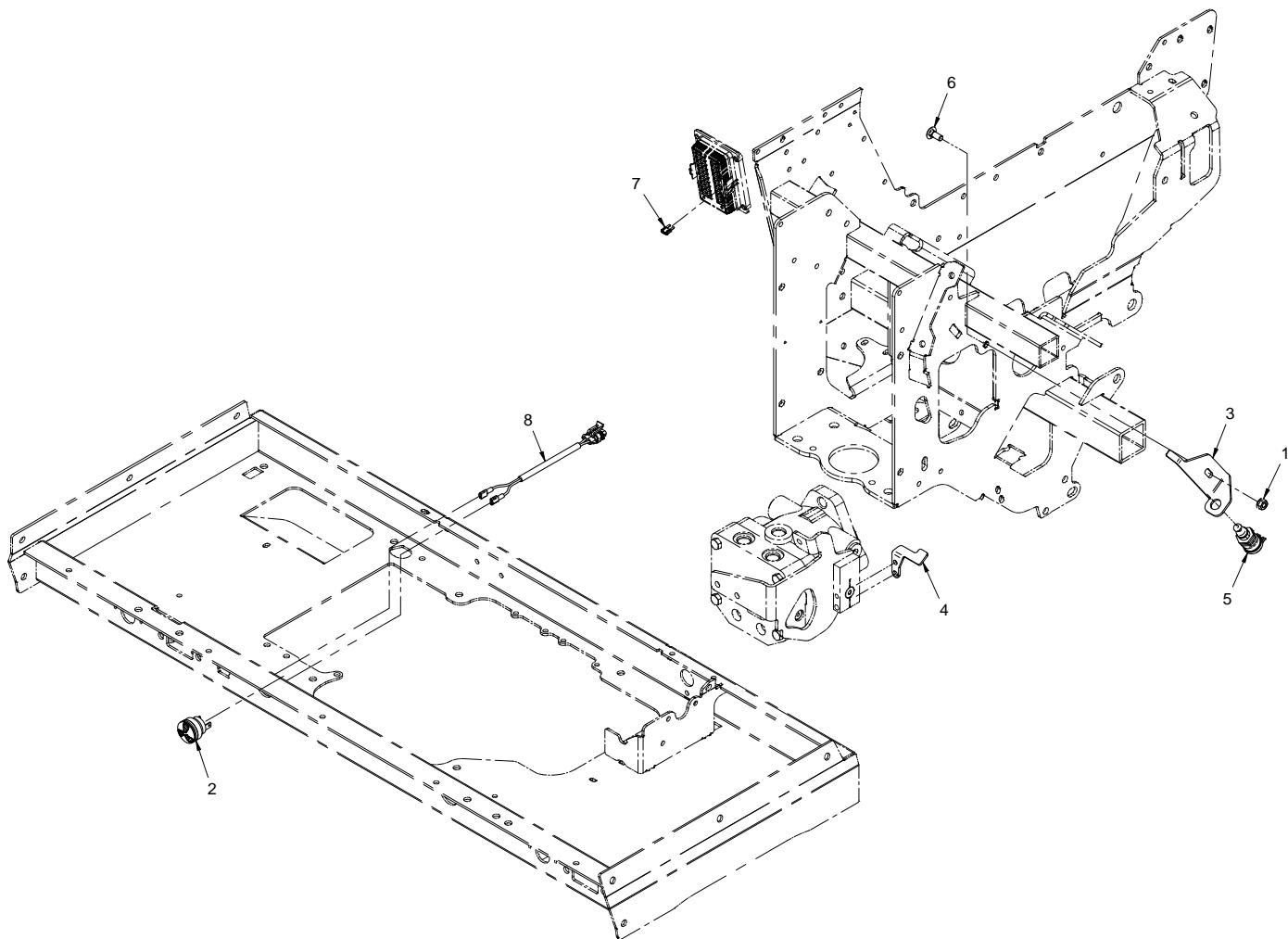
70.4108 Raised Platform Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0046	.NUT, "U" 1/4-20 EXTRUDED	8
2	62.1384	.FRAME, RAISED PLATFORM RH	1
3	62.1388	.FRAME, RAISED PLATFORM LH	1
4	99.SF0406	.BOLT, SRF 1/4-20 X 3/4	8
5	56.0055-11IN	.FLEX TREAD, 5" BLACK COARSE X 11"	2

OPTIONS

ILLUSTRATED DRAWING

70.4101 Backup Alarm Kit



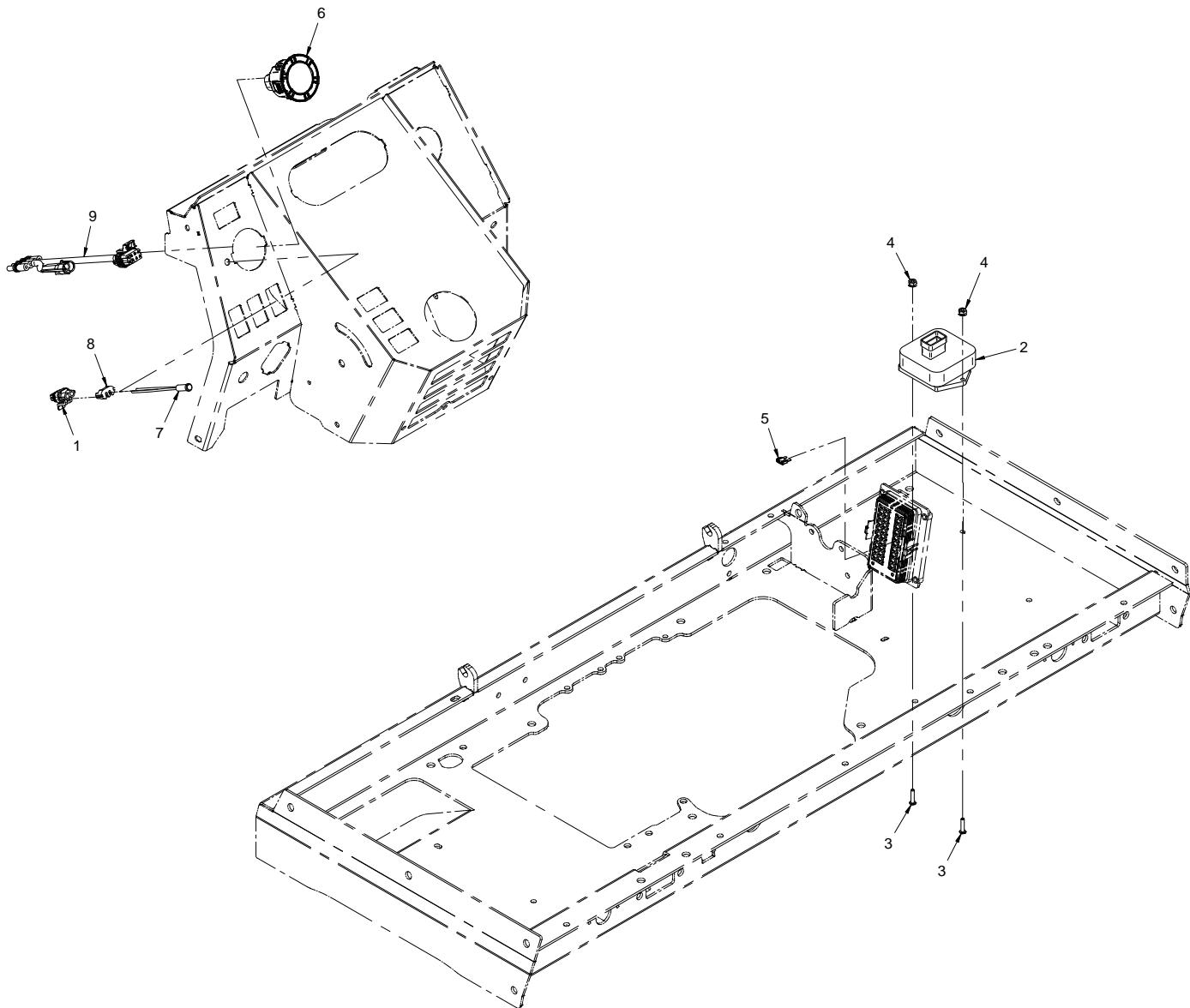
OPTIONS

70.4101 Backup Alarm Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF05	.NUT, SRF 5/16-18 USS.	1
2	35.0125	.ALARM, AUDIBLE CONT. PANEL MT.	1
3	64.1601	.BRACKET, BACKUP SWITCH MOUNT	1
4	64.1600	.BRACKET, BACKUP SWITCH ACTUATOR	1
5	31.0044	.SWITCH, PUSH BUTTON - NEUTRAL	1
6	97.0506	.BOLT, CARRIAGE 5/16 X 3/4	1
7	30.0333	.FUSE, 10 AMP MINI RED	1
8	32.0122	.HARNESS, WIRE BACKUP ALARM	1

OPTIONS

ILLUSTRATED DRAWING 70.4112 Slope Indicator Kit



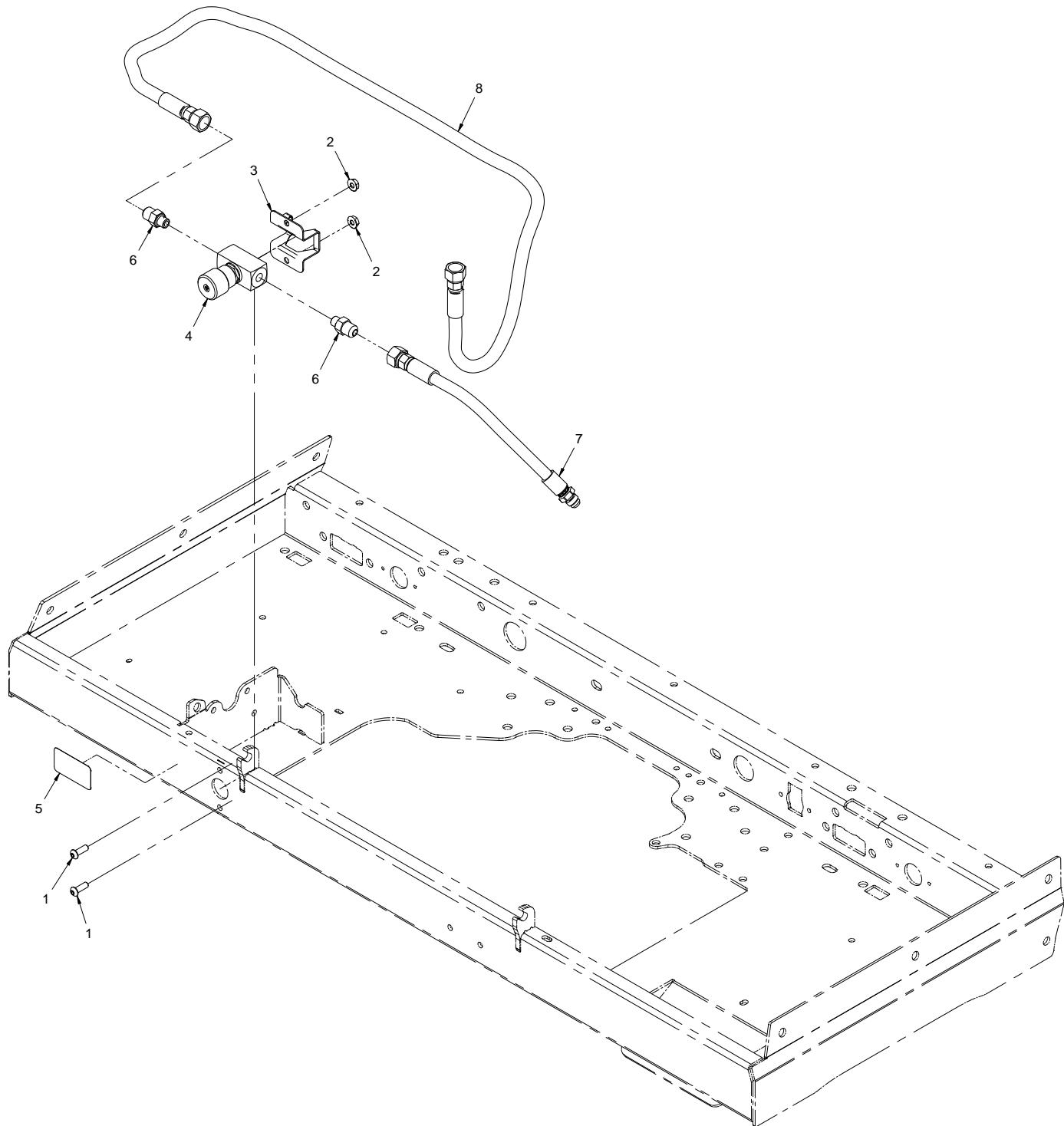
OPTIONS

70.4112 Slope Indicator Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	30.0344	CONNECTOR, MP150 FEMALE BODY	1
2	35.0135	MODULE, SLOPE	1
3	99.K0131	MACHINE SCREW, #8-32 X 3/4	2
4	99.E0062	NUT, SRF #8-32	2
5	30.0332	FUSE, 5 AMP MINI TAN	1
6	35.0136	GAUGE, SLOPE INDICATOR	1
7	33.0063-1	LIGHT, LED SUPER YELLOW	1
8	30.0409	CLIP, MP150 CONNECTOR 2 POS.	1
9	32.0123	HARNESS, WIRE SLOPE INDICATOR	1

OPTIONS

ILLUSTRATED DRAWING 70.4121 Front Hitch Lock Valve Kit



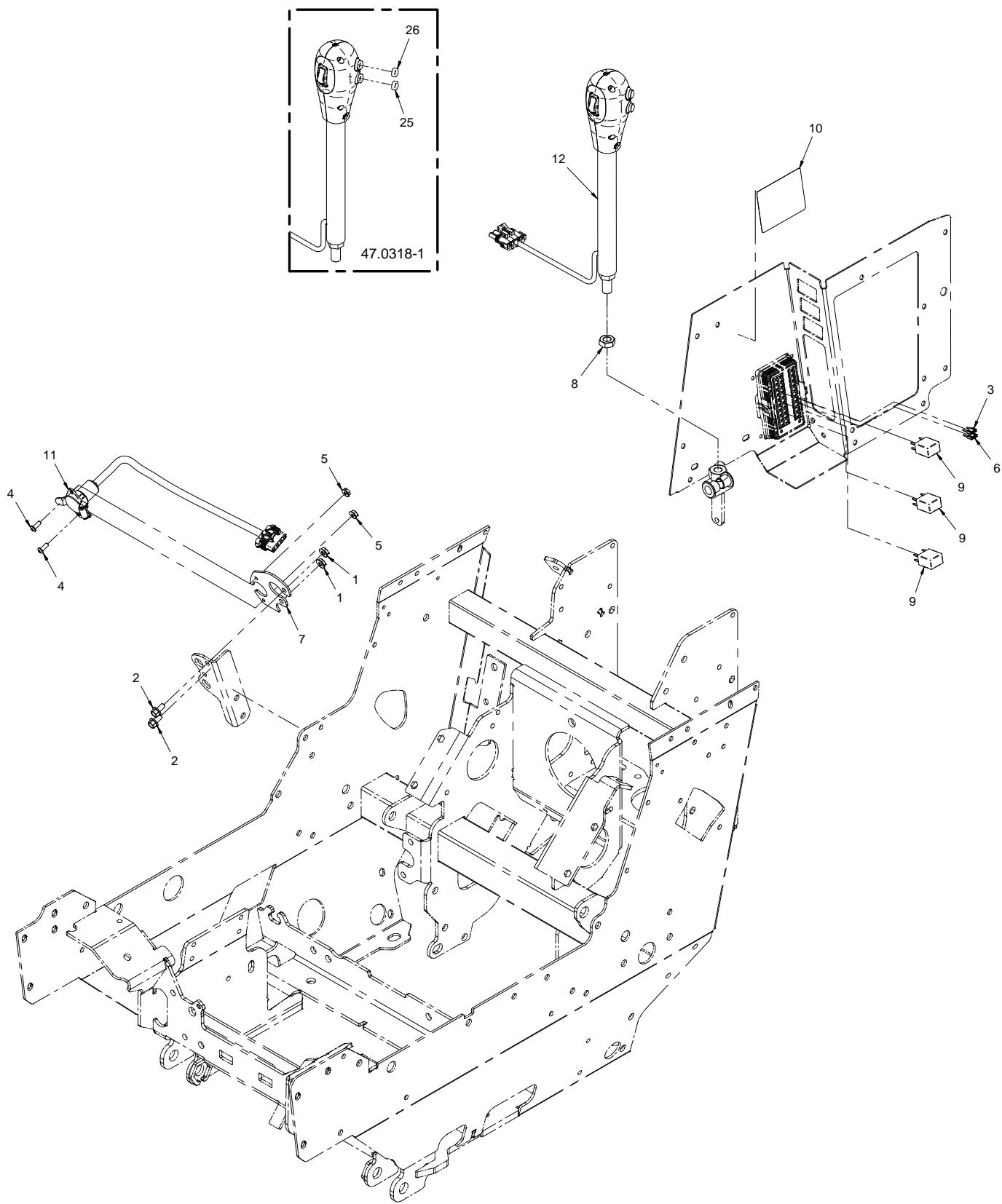
OPTIONS

70.4121 Front Hitch Lock Valve Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.0406	BOLT, 1/4-20 X 3/4 BSCS	2
2	99.SF04	NUT, SRF 1/4-20 USS	2
3	64.1719	BRACKET, NEEDLE VALVE	1
4	23.0161	VALVE, NEEDLE	1
5	00.0329	DECAL, FRONT HITCH VALVE	1
6	25.6400-06-04	FITTING, M CONN 3/8 X 1/4	2
7	20.0311	HOSE, 1/4X8.00 SAE 100R17AR	1
8	20.0302	HOSE, 1/4X48.00 SAE 100R17 AR	1

OPTIONS

ILLUSTRATED DRAWING 70.4104 12 Volt Front Plug Kit



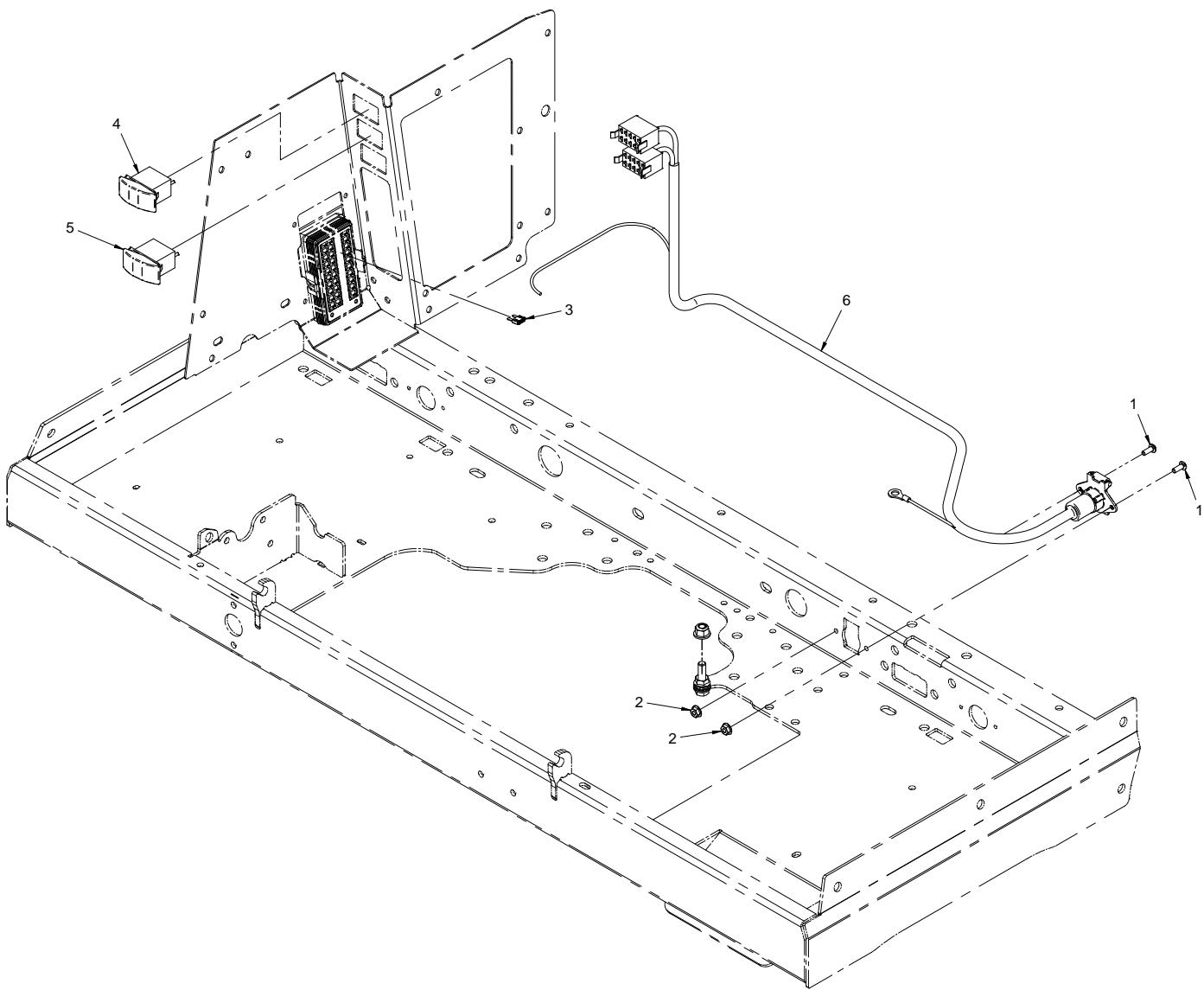
OPTIONS

70.4104 12 Volt Front Plug Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.	2
2	99.SF0404-1	.BOLT, SMF 1/4-20 X 1/2	2
3	30.0332	.FUSE, 5 AMP MINI TAN	1
4	99.K0062	.MACHINE SCREW, #10-32 X 1/2	2
5	99.E0035	.NUT, SRF #10-32	2
6	30.0334	.FUSE, 15 AMP MINI BLUE	1
7	64.1605	.BRACKET, 12V 4 PIN SOCKET MT	1
8	92.08	.NUT, JAM 1/2-13 USS.	1
9	35.0117	.RELAY, 12V 35/20 AMP 280 MICRO	3
10	00.0328	.DECAL, HANDLE 12V	1
11	32.0114	.HARNESS, WIRE 12V FRONT	1
12	47.0318-1	.HANDLE, SDLA GRIP & POST	1
25	47.0349	.BUTTON, SWITCH ORANGE (1/4" TALL)	1
25	47.0427	.BUTTON, SWITCH ORANGE (1/8" TALL)	1
26	47.0348	.BUTTON, SWITCH YELLOW (1/4" TALL)	1
26	47.0426	.BUTTON, SWITCH YELLOW (1/8" TALL)	1

OPTIONS

ILLUSTRATED DRAWING 70.4105 12 Volt Rear Plug Kit



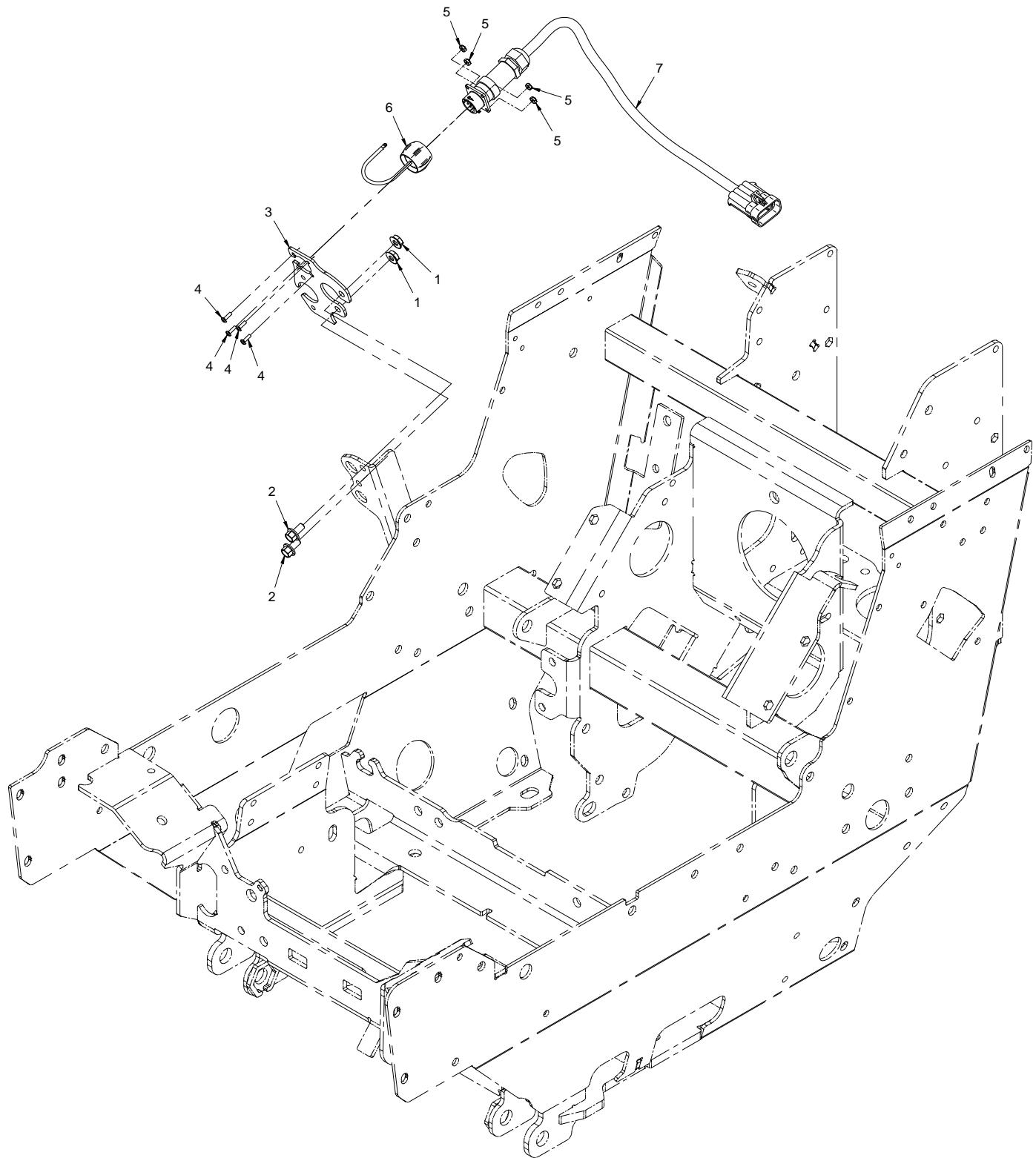
OPTIONS

70.4105 12 Volt Rear Plug Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.K0062	MACHINE SCREW, #10-32 X 1/2	2
2	99.E0035	NUT, SRF #10-32	2
3	30.0335	FUSE, 20 AMP MINI YELLOW	1
4	31.0053	SWITCH, ROCKER ON/OFF	1
5	31.0056	SWITCH, ROCKER (ON)/OFF/(ON)	1
6	32.0113	HARNESS, WIRE 12V REAR	1

OPTIONS

ILLUSTRATED DRAWING 70.4106 PTO Remote Kit



OPTIONS

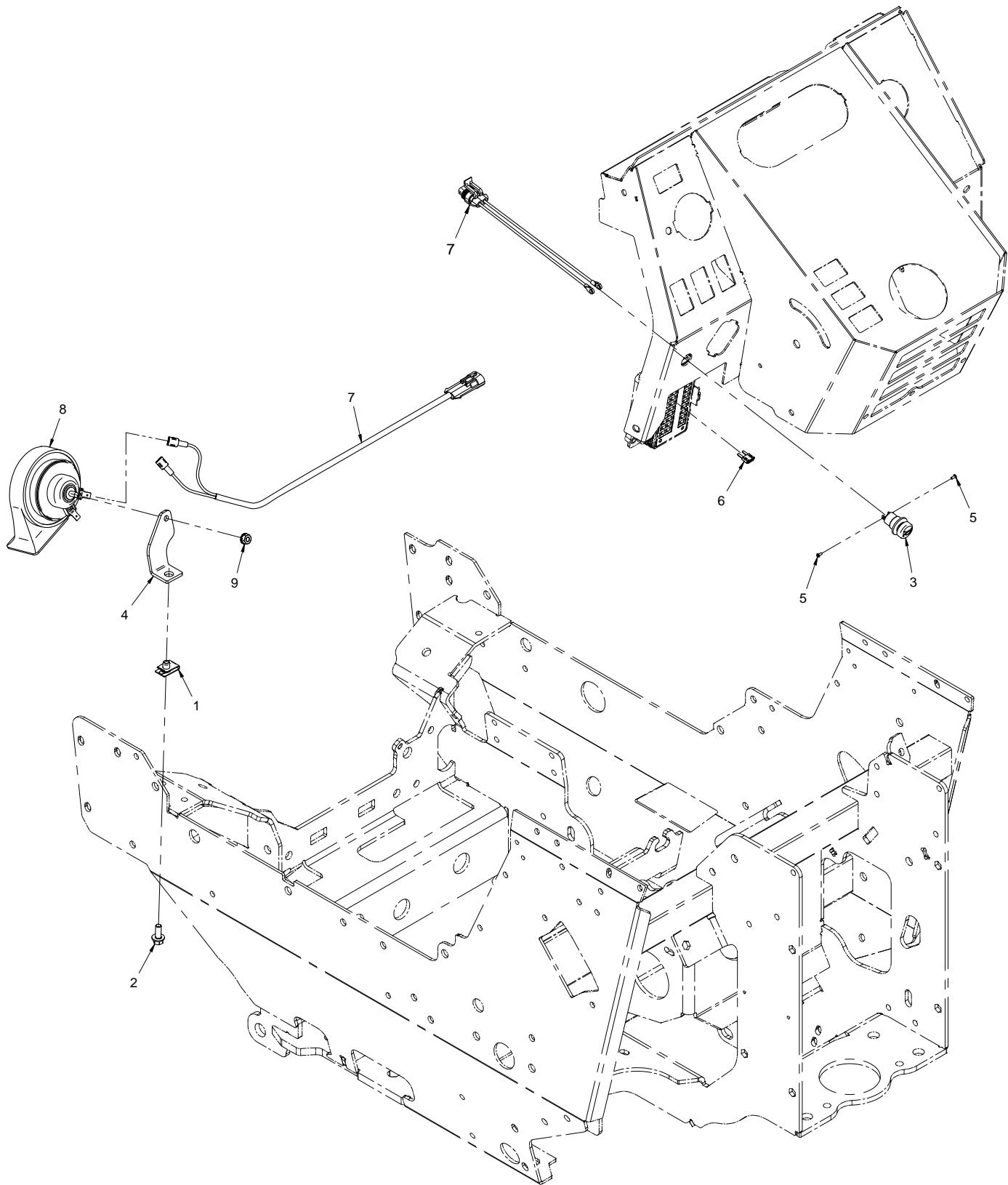
70.4106 PTO Remote Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.....	2
2	99.SF0404-1	.BOLT, SMF 1/4-20 X 1/2	2
3	64.1607	.BRACKET, 12V DUAL SOCKETMOUNT	1
4	99.K0130	.MACHINE SCREW, #4-40 X 3/8.....	4
5	99.E0110	.NUT, JAM #4-40 NYLON LOCK.....	4
6	30.0441	.CAP, UTS MALE CONNECTOR	1
7	32.0121	.HARNESS, WIRE PTO REMOTE	1

OPTIONS

ILLUSTRATED DRAWING

70.4120 Horn Kit



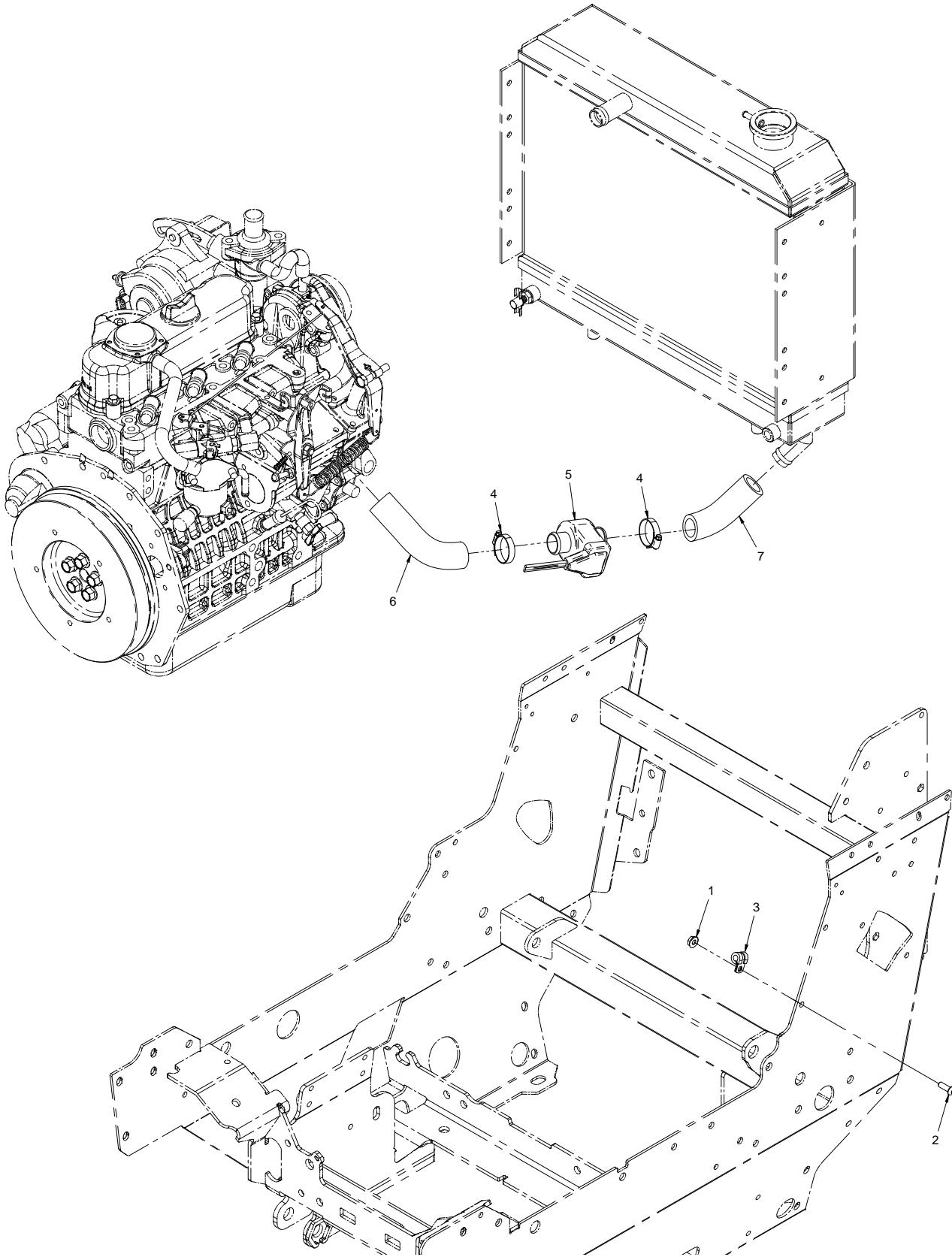
OPTIONS

70.4120 Horn Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0046	.NUT, "U" 1/4-20 EXTRUDED	1
2	99.SF0405-1	.BOLT, SMF 1/4-20 X 5/8	1
3	31.0057	.SWITCH, HORN	1
4	64.1711	.BRACKET, HORN	1
5	99.K0125	.MACHINE SCREW, #2-56 X 3/16	2
6	30.0332	.FUSE, 5 AMP MINI TAN	1
7	32.0115	.HARNESS, WIRE HORN	1
8	33.0019	.HORN, LOW TONE	1
9	99.M0029	.NUT, M6 X 1.0 W/LOCK WASHER	1

OPTIONS

ILLUSTRATED DRAWING 70.4102 Kubota Engine Heater Kit



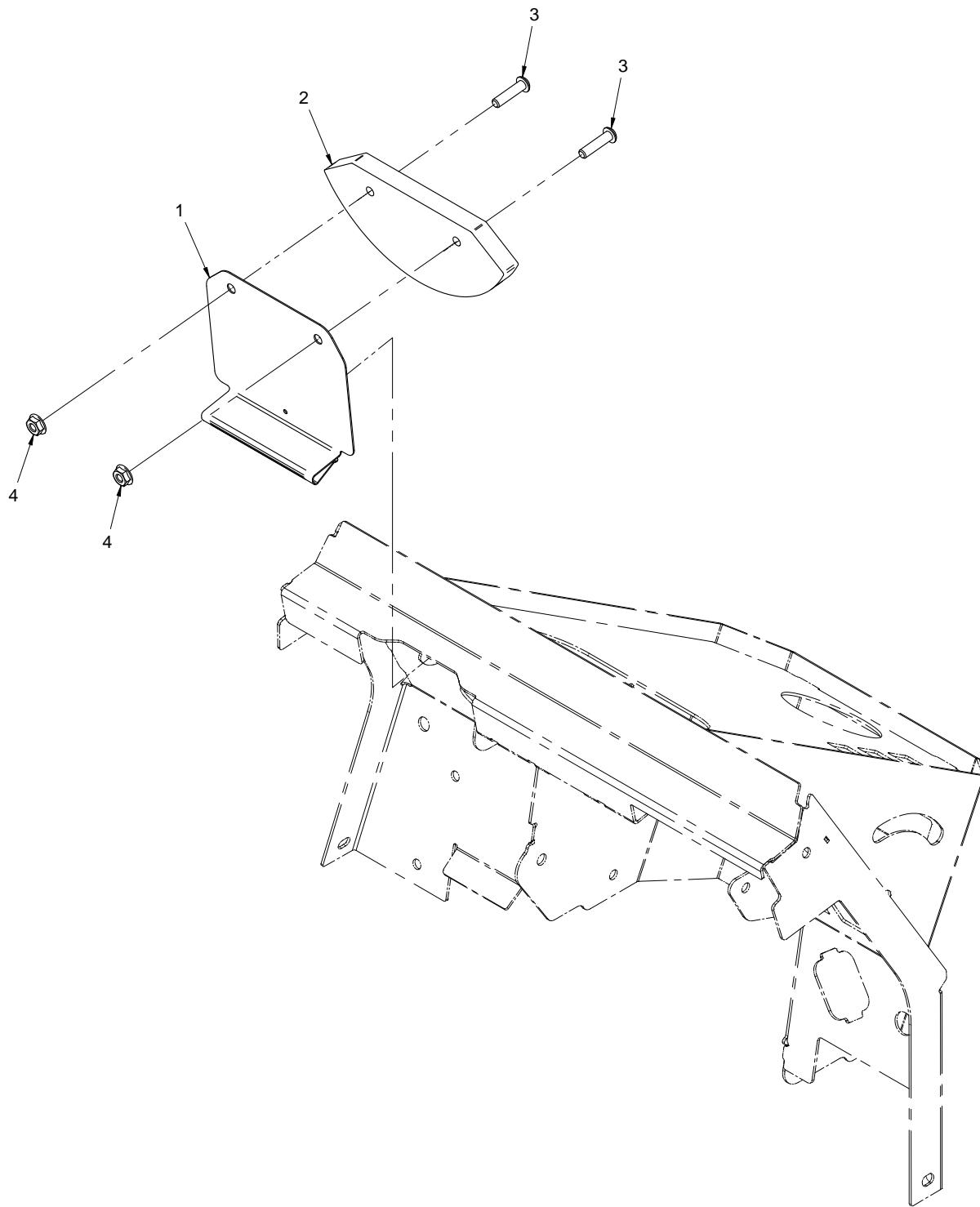
OPTIONS

70.4102 Kubota Engine Heater Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.....	1
2	99.0406	.BOLT, 1/4-20 X 3/4 BSCS	1
3	11.0058	.CLAMP, CUSHIONED 3/8" ROUND	1
4	11.0052	.CLAMP, HOSE SS 13/16 X 1-1/2	2
5	13.0303	.HEATER, RADIATOR HOSE	1
6	13.0263-1	.HOSE, HEATER ENGINE SIDE	1
7	13.0263-2	.HOSE, HEATER RADIATOR SIDE	1

OPTIONS

ILLUSTRATED DRAWING 70.4135 Slope Indicator Kit



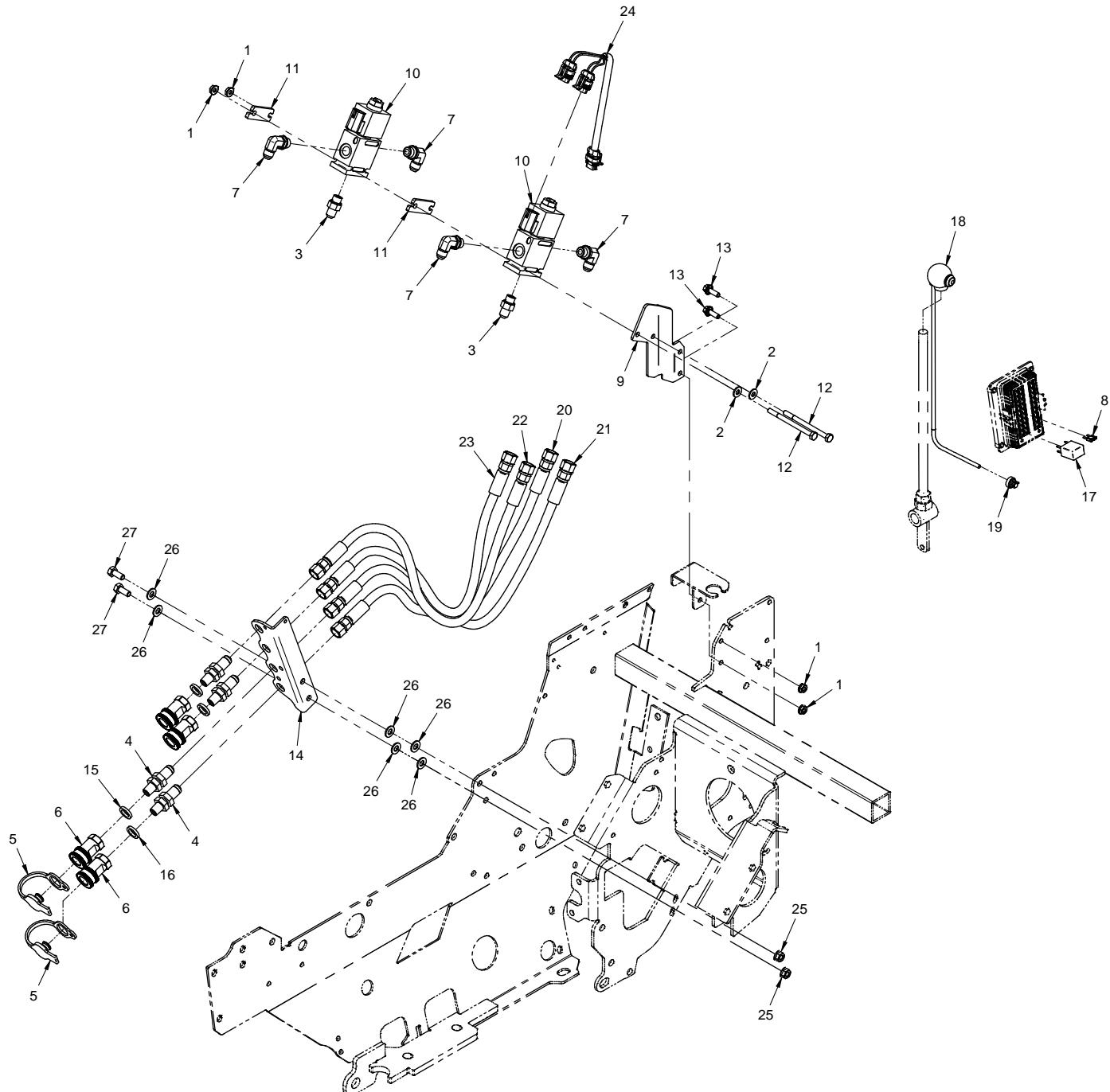
OPTIONS

70.4135 Slope Indicator Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	64.1844	.BRACKET, SLOPE INDICATOR 4500.....	1
2	35.0105	.INDICATOR, SLOPE DEGREE.....	1
3	99.0408	.BOLT, 1/4-20 X 1 BSCS	2
4	99.SF04	.NUT, SRF 1/4-20 USS.....	2

OPTIONS

ILLUSTRATED DRAWING 70.4109 Dual Front Hydraulic Auxiliary Kit



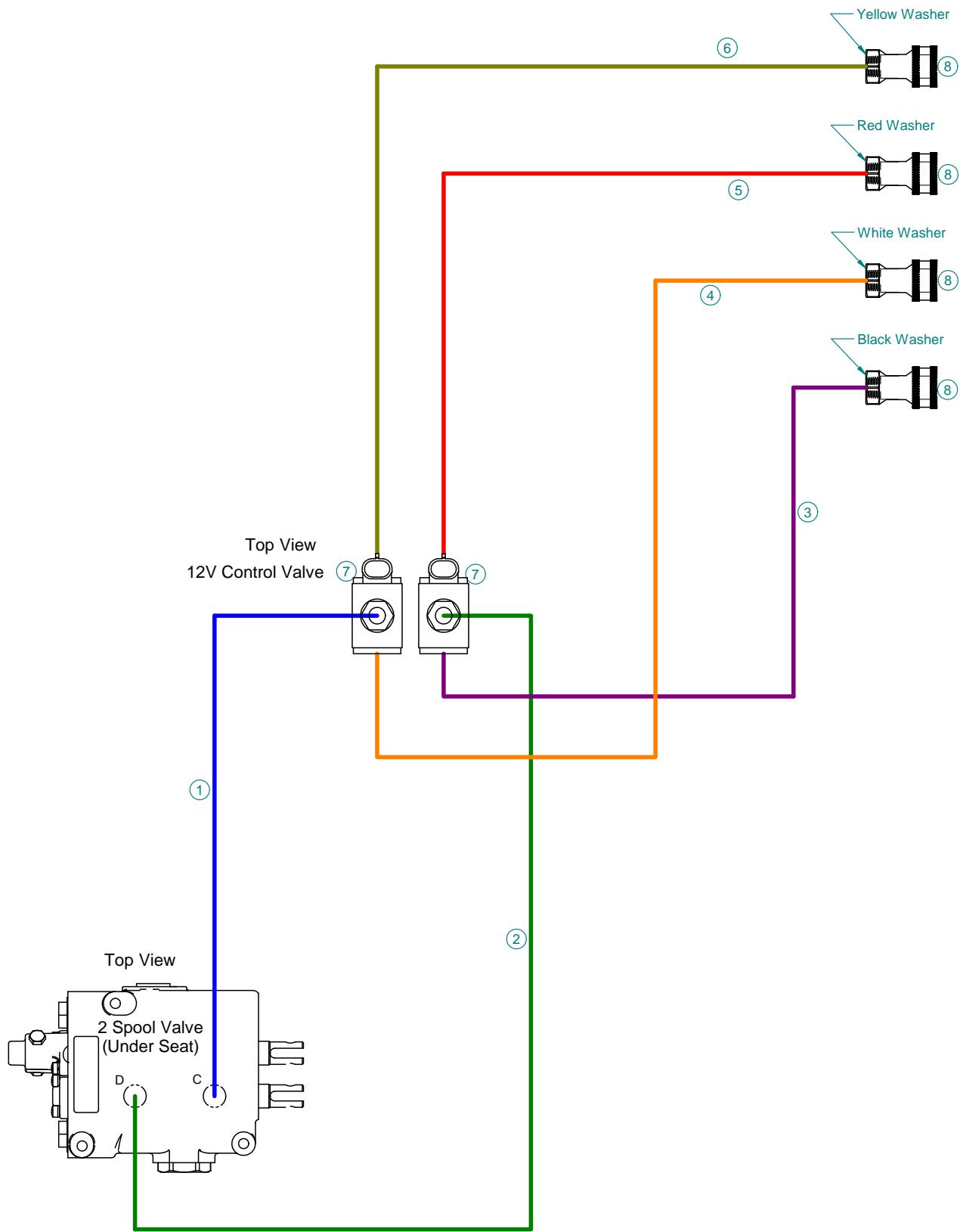
OPTIONS

70.4109 Dual Front Hydraulic Auxiliary Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	99.SF04	.NUT, SRF 1/4-20 USS.	4
2	95.04	.WASHER, FLAT 1/4 SAE	2
3	25.6400-06-06	.FITTING, M CONN 3/8 X 3/8	2
4	25.2706-04-06LN	.FITTING, BULKHEAD W/ LOCKNUT	2
5	23.0126	.PLUG, DUST FOR 23.0106	2
6	23.0106	.COUPLER, HYDRAULIC QUICK - 1/4 FEMALE	2
7	25.6801-06-06	.FITTING, 90 ME 3/8 X 3/8	4
8	30.0333	.FUSE, 10 AMP MINI RED	1
9	64.1650	.BRACKET, DUAL VALVE MOUNT	1
10	23.0164	.VALVE, DIRECTIONAL 12V	2
11	64.1649	.PLATE, SPACER HYD VALVE	2
12	90.0428	.BOLT, 1/4-20 USS X 3-1/2"	2
13	99.SF0406-1	.BOLT, SMF 1/4-20 X 3/4	2
14	64.1602	.BRACKET, HYD COUPLER 4 POS	1
15	05.0156	.WASHER, .544ID X .817 X 14 NAT	1
16	05.0157	.WASHER, .544 X .817 X 14 BLK	1
17	35.0117	.RELAY, 12V 35/20 AMP 280 MICRO	1
18	47.0336	.HANDLE, GRIP W/SWITCH	1
19	30.0037	.TYTON TIE, #50 .18 X 8 BLACK	2
20	20.0306	.HOSE, 1/4X25.00 SAE 100R17 AR	1
21	20.0306	.HOSE, 1/4X25.00 SAE 100R17 AR	1
22	20.0306	.HOSE, 1/4X25.00 SAE 100R17 AR	1
23	20.0306	.HOSE, 1/4X25.00 SAE 100R17 AR	1
24	32.0120	.HARNESS, WIRE DUAL HYDRAULIC	1
25	99.SF05	.NUT, SRF 5/16-18 USS	2
26	95.05	.WASHER, FLAT 5/16 SAE	6
27	90.0506	.BOLT, 5/16-18 USS X 3/4"	2

OPTIONS

ILLUSTRATED DRAWING Dual Front Hydraulic Auxiliary Diagram



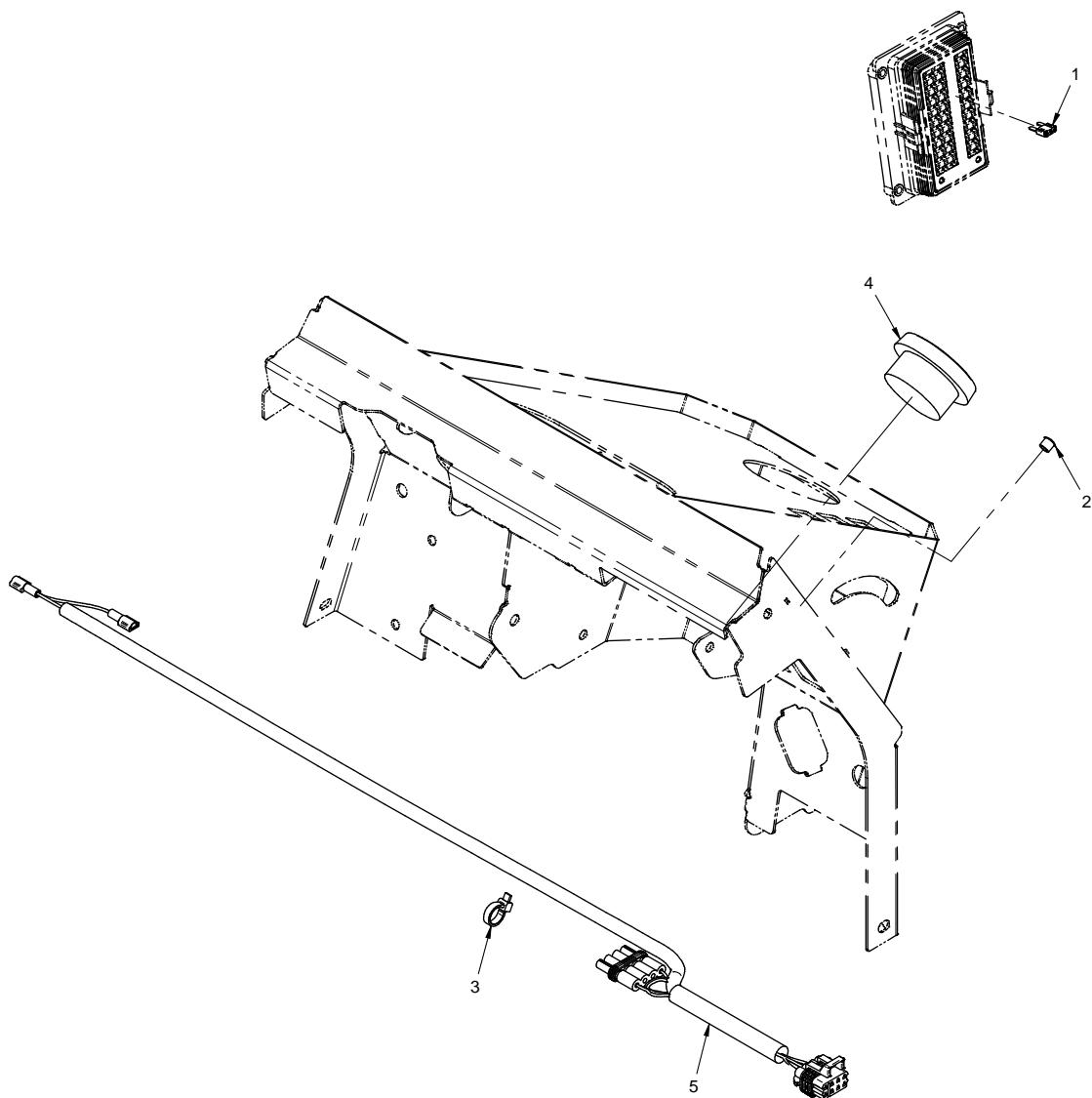
OPTIONS

Dual Front Hydraulic Auxiliary Diagram

REF.	PART NO.	DESCRIPTION	QTY.
1	20.0303	.HOSE, 1/4X58.00 SAE 100R17 AR	1
2	20.0303	.HOSE, 1/4X58.00 SAE 100R17 AR	1
3	20.0306	.HOSE, 1/4X25.00 SAE 100R17 AR	1
4	20.0306	.HOSE, 1/4X25.00 SAE 100R17 AR	1
5	20.0306	.HOSE, 1/4X25.00 SAE 100R17 AR	1
6	20.0306	.HOSE, 1/4X25.00 SAE 100R17 AR	1
7	23.0164	.VALVE, DIRECTIONAL 12V.....	2
8	23.0106	.COUPLER, HYDRAULIC QUICK - 1/4 FEMALE	4

OPTIONS

ILLUSTRATED DRAWING 70.4140 Slope Indicator Kit



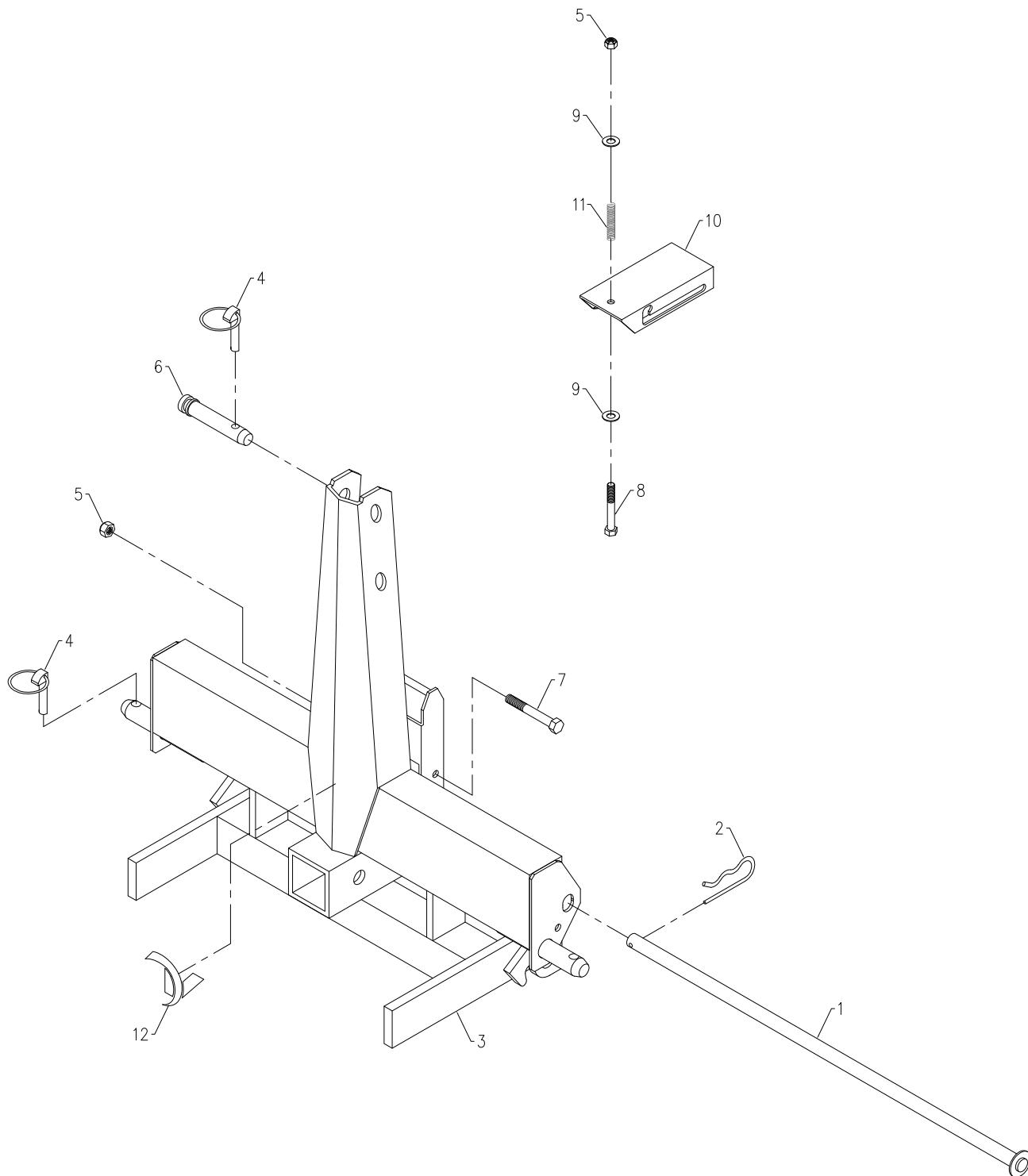
OPTIONS

70.4140 Slope Indicator Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	30.0332	.FUSE, 5 AMP MINI TAN	1
2	05.0147	.PLUG, 5/16" HOLE, NYLON BLACK	1
3	30.0037	.TYTON TIE, #50 .18 X 8 BLACK	4
4	35.0145	.GAUGE, SLOPE INDICATOR	1
5	32.0166	.HARNESS, WIRE SLOPE INDICATOR	1

OPTIONS

ILLUSTRATED DRAWING 39.56114 3N1 Hitch



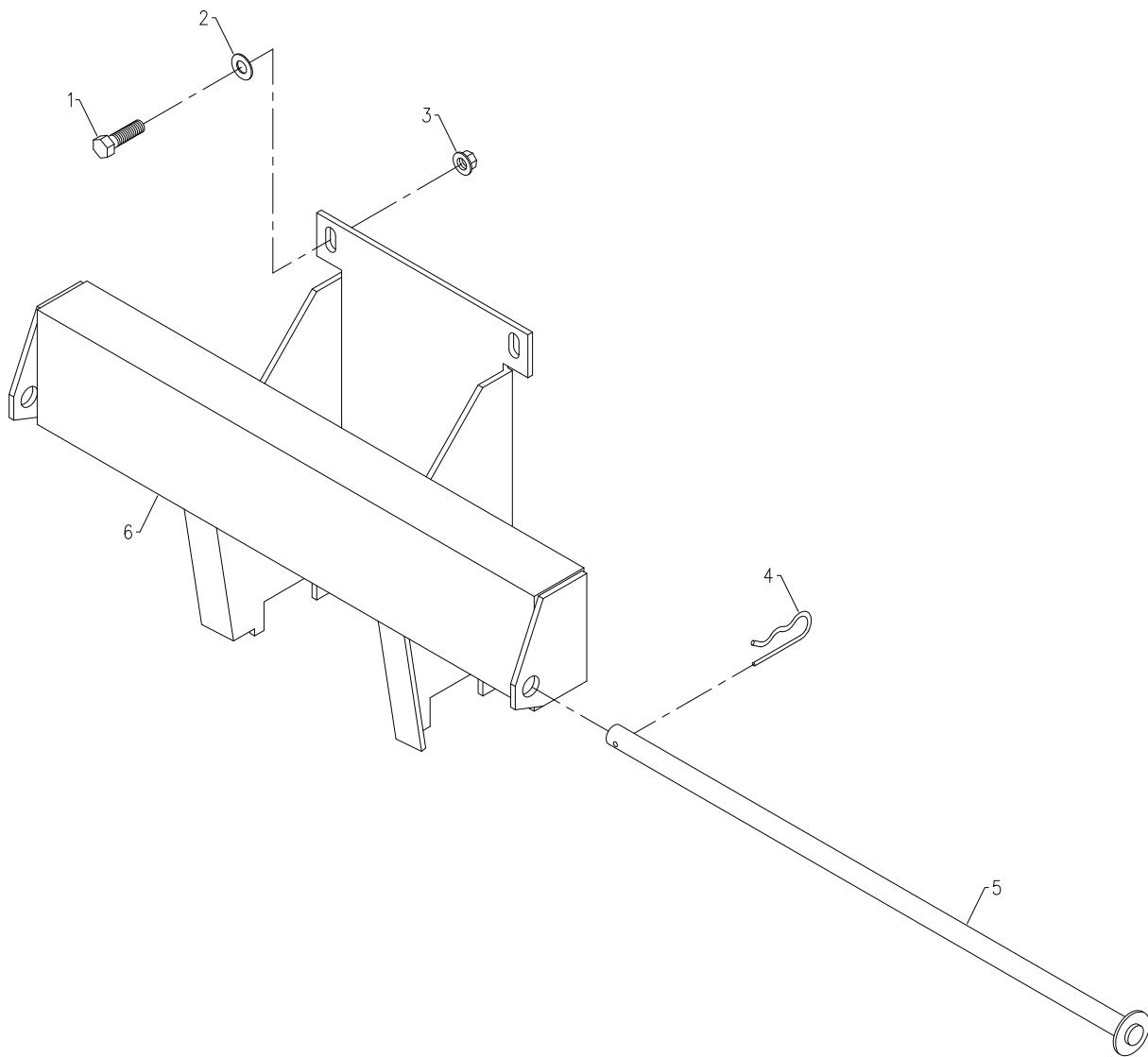
OPTIONS

39.56114 3N1 Hitch

REF.	PART NO.	DESCRIPTION	QTY.
1	64.1017	PIN, SECURE WEIGHTS 5/8 X 24" L	1
2	02.HP0420	HAIRPIN, 1/8 X 2 1/2	1
3	62.0925	FRAME, 3N1 TOW HITCH	1
4	03.0005	PIN, LINCH	3
5	99.A05	LOCKNUT, STOVER 5/16-18 USS	2
6	03.0004	PIN, TOP LINK CATEGORY 1	1
7	90.0526	BOLT, 5/16-18 USS X 3-1/4	1
8	90.0524	BOLT, 5/16-18 USS X 3	1
9	95.05	WASHER, FLAT 5/16 SAE	2
10	64.1101	LATCH, LEVER LOCK	1
11	41.0021	SPRING, COMP 1/2 OD X 2-3/4 LG	1
12	00.0192	DECAL, V-DECAL DIE CUT BLUE	1

OPTIONS

ILLUSTRATED DRAWING 39.56116 Rear Counterweight Bar



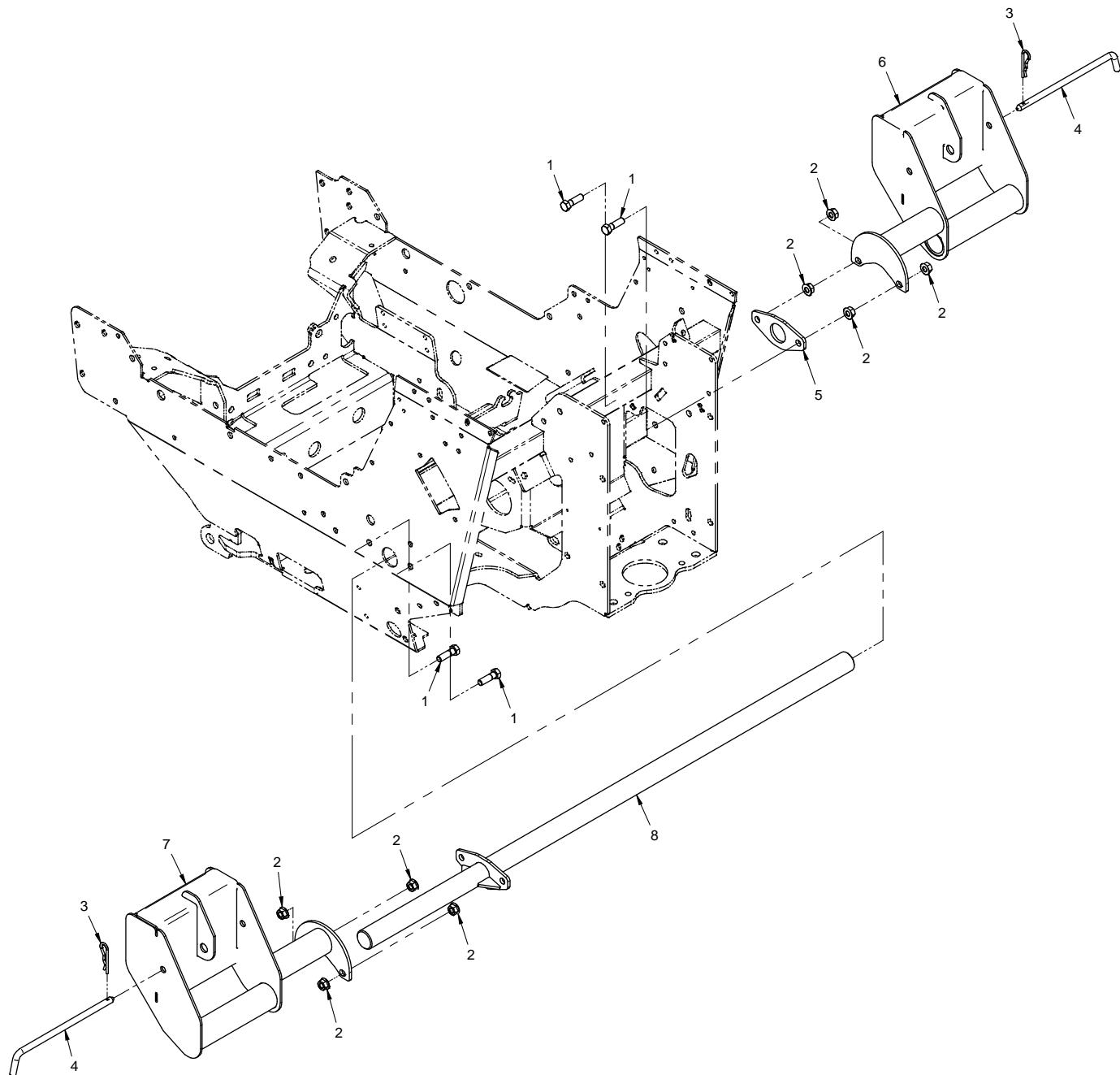
OPTIONS

39.56116 Rear Counterweight Bar

REF.	PART NO.	DESCRIPTION	QTY.
1	90.0606	BOLT, 3/8-16 USS X 3/4	2
2	95.06	WASHER, FLAT 3/8 SAE	2
3	99.SF06	NUT, SRF 3/8-16 USS	2
4	02.HP0420	HAIRPIN, 1/8 X 2 1/2	1
5	64.1040	PIN, WEIGHT SECURE 21" L	1
6	62.0955	FRAME, REAR WT BRACKET	1

OPTIONS

ILLUSTRATED DRAWING 70.4137 Mid Weight Bar 4500 Kit



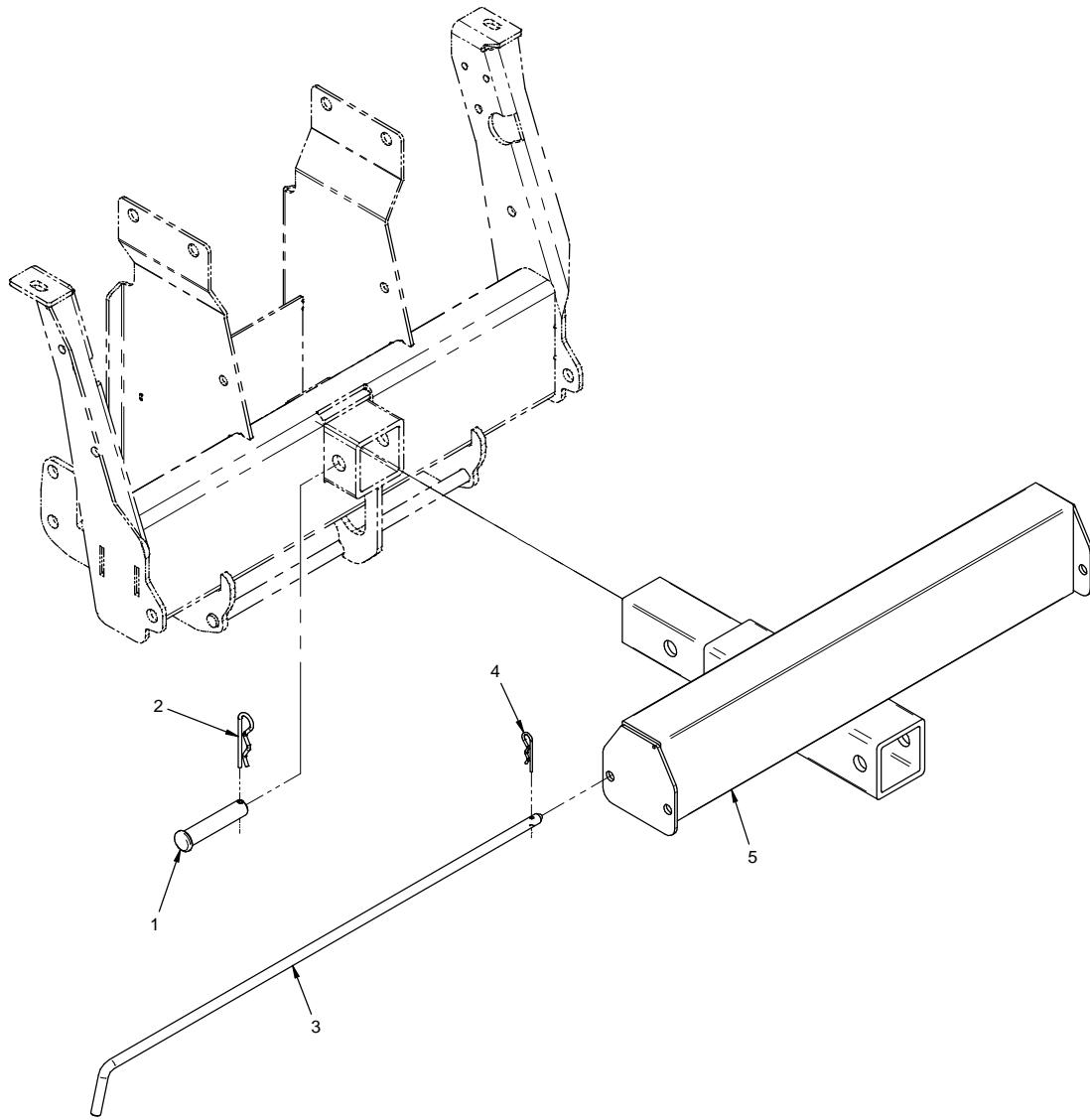
OPTIONS

70.4137 Mid Weight Bar 4500 Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	90.0610	BOLT, 3/8-16 USS X 1-1/4.....	4
2	99.SF06	NUT, SRF 3/8-16 USS.....	8
3	02.HP0416	HAIRPIN, 1/8 X 2.....	2
4	64.0761	PIN, WEIGHT SECURE 7.3" USABLE	2
5	64.1029	PLATE, REAR CLAMP CROSSBAR MT.....	1
6	62.1449	FRAME, WEIGHT MID RIGHT.....	1
7	62.1448	FRAME, WEIGHT MID LEFT.....	1
8	42.0455	SHAFT, REAR ANCHOR MOUNT.....	1

OPTIONS

ILLUSTRATED DRAWING 70.4144 Rear Weight Bar Kit



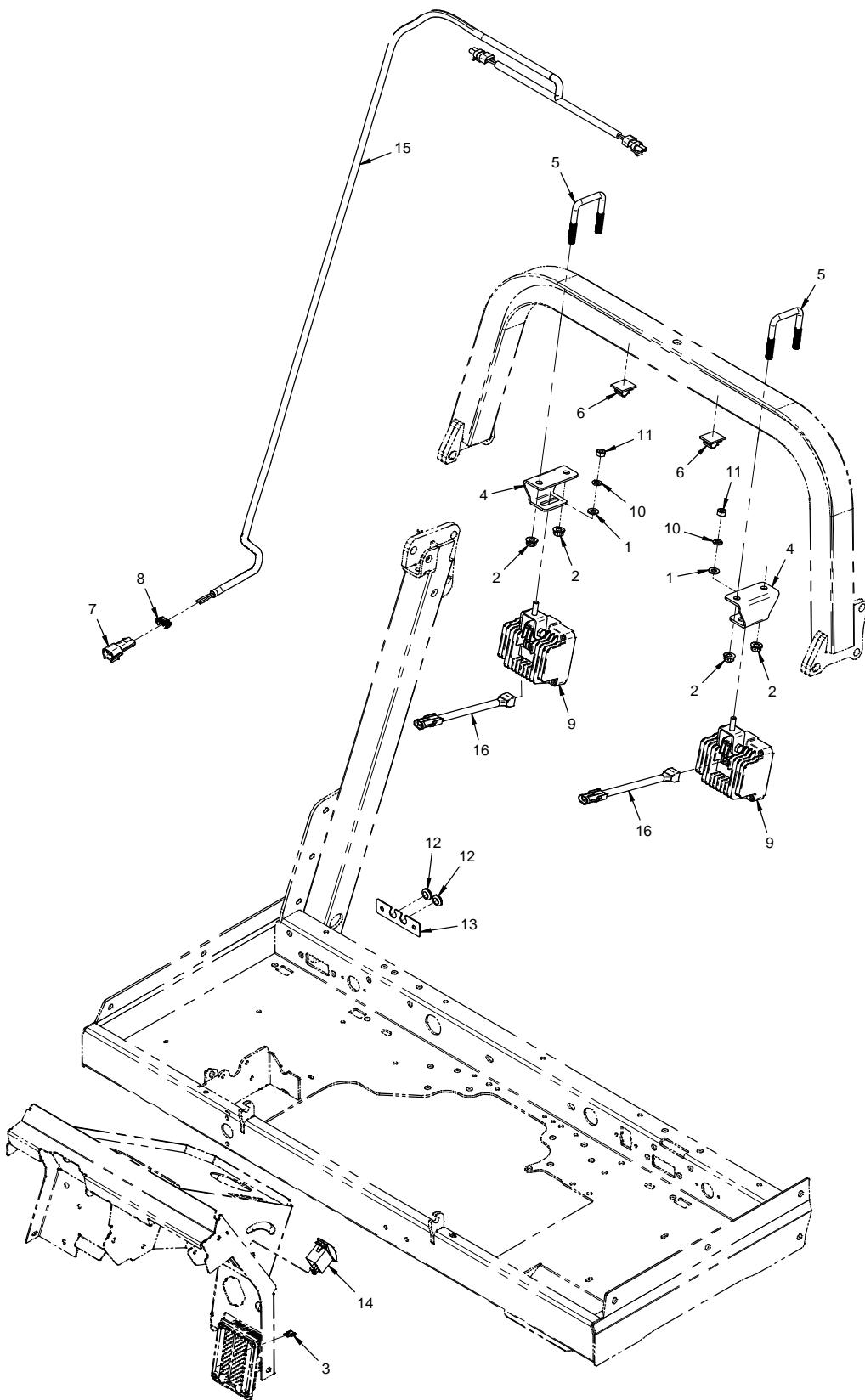
OPTIONS

70.4144 Rear Weight Bar Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	03.1024	CLEVIS PIN, 5/8 X 3 OAL	1
2	02.HP0420	HAIRPIN, 1/8 X 2 1/2	1
3	64.1912	PIN, WEIGHT SECURE 22.5" USABLE	1
4	02.HP0313	HAIRPIN, 3/32 X 1-5/8	1
5	62.1454	FRAME, REAR WEIGHT BAR	1

OPTIONS

ILLUSTRATED DRAWING 70.4133 LED Work Light Kit



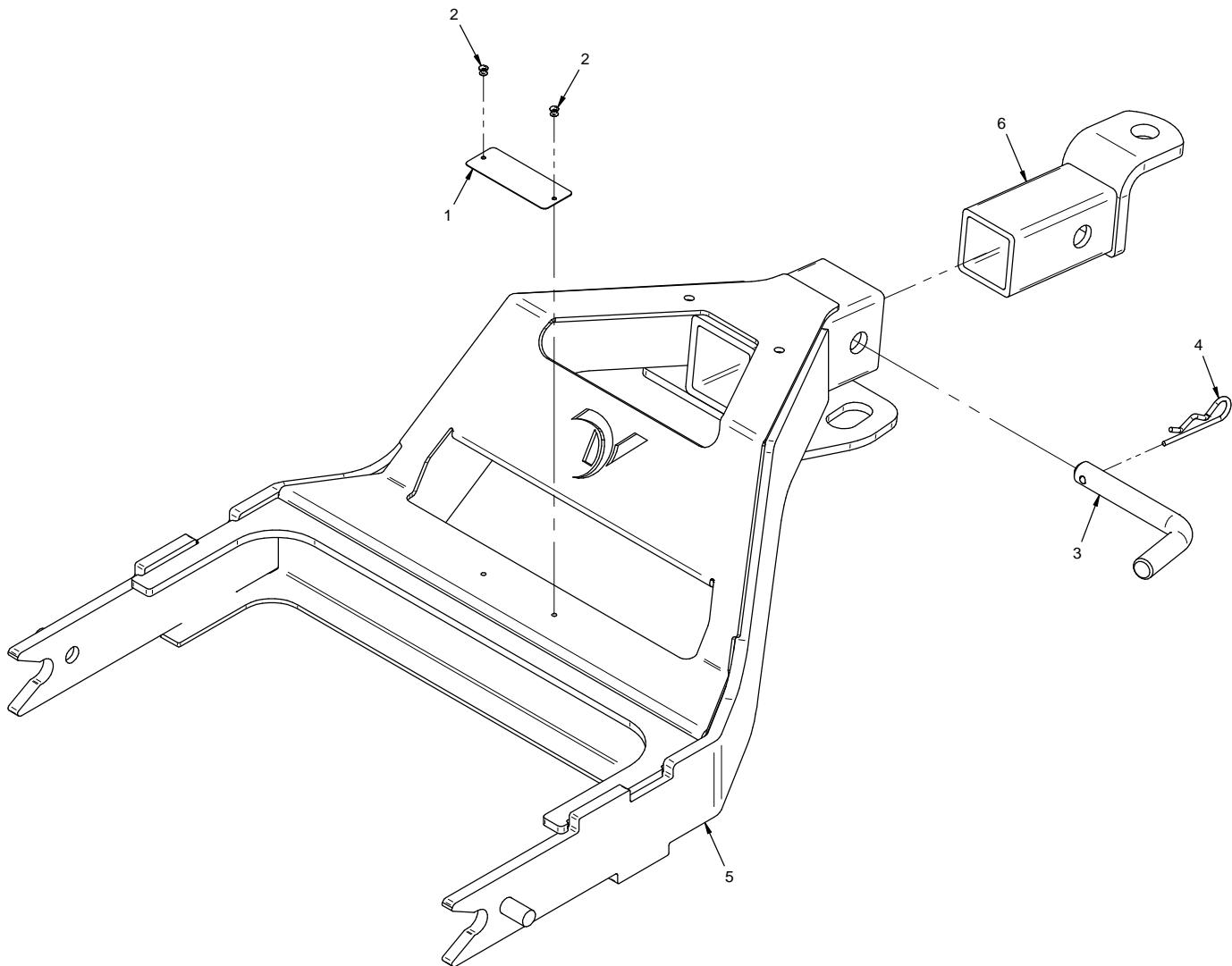
OPTIONS

70.4133 LED Work Light Kit

REF.	PART NO.	DESCRIPTION	QTY.
1	95.05	WASHER, FLAT 5/16 SAE	2
2	99.E0082	NUT, LOCKING FLANGE 3/8-16	4
3	30.0334	FUSE, 15 AMP MINI BLUE	1
4	64.1706	BRACKET, WORKLIGHT MOUNT KN	2
5	11.0053	U-BOLT, 3/8-16 2-1/16 ID SQ	2
6	30.0217	CLAMP, WIRE MT ADH. 1/2 GRAY	2
7	30.0322	CONNECTOR, MP280 2 POS MALE	1
8	30.0326	CLIP, MP280 CONNECTOR 2 POS	1
9	33.0069	LIGHT, WORK 3 X 3 LED	2
10	96.05	WASHER, LOCK 5/16	2
11	99.M0025	NUT, M8 X 1.25M	2
12	05.0136	GROMMET, 7/16ID, 3/4OD, 1/4THK	2
13	60.1175	COVER, OPT. LIGHT KIT ACCESS	1
14	31.0053	SWITCH, ROCKER ON/OFF	1
15	32.0116	HARNESS, WIRE WORK LIGHT	1
16	32.0162	HARNESS, WIRE 33.0069 WP	2

OPTIONS

ILLUSTRATED DRAWING 70.2016 Trailer Mover Hitch



OPTIONS

70.2016 Trailer Mover Hitch

REF.	PART NO.	DESCRIPTION	QTY.
1	N/A	PLATE, VENTRAC SERIAL NUMBER	1
2	04.0007	RIVET, POP DOME 1/8 X 1/8 S.S.	2
3	03.0014	PIN, HITCH 5/8" X 3" USABLE	1
4	02.HP0420	HAIRPIN, 1/8 X 2 1/2	1
5	62.1461	FRAME, TOW HITCH	1
6	62.0968	HITCH, REAR	1