Parts Manual

4500Y

Europe CE

Serial Number 4500Y-AM01001 --

VENTRAC.COM

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09.20016 Rev. 40

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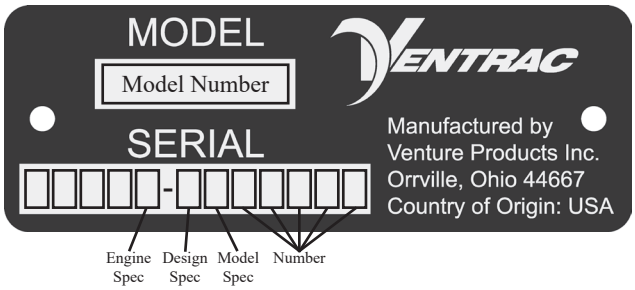
A downloadable operator's manual is also available.

Serial Number Description



Engine

Y KUBOTA 25 HP D902 DSL LC

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 & Hitch Lock Valve 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

4500Y Kubota Diesel Engine 64
4500Y Kubota Diesel Engine Mount 66
4500Y Kubota Diesel PTO Clutch 68
4500Y Kubota Diesel Drive Shaft & Pump 70
4500Y Kubota Diesel Muffler 72
4500Y Kubota Diesel Cooling System 74
4500Y Kubota Diesel Air Intake 76
4500Y Kubota Diesel 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
70.4111 Suspension Seat Kit 142
70.4154 Suspension Seat Kit 144
70.0098 Canopy Kit 146
70.4113 Work Light Kit 148
70.4114 Strobe Light Kit 150
70.4155 Strobe Light Kit 152
70.4119 Directional / Hazard Light Kit 154
70.4156 Directional / Hazard ECE Light Kit 156
70.4098 Wheel Extension Kit 158
70.4107 Foot Control Kit 160
70.4108 Raised Platform Kit 162
70.4101 Backup Alarm Kit 164
70.4112 Slope Indicator Kit 166
70.4104 12 Volt Front Plug Kit 168
70.4105 12 Volt Rear Plug Kit 170
70.4106 PTO Remote Kit 172
70.4120 Horn Kit 174
70.4102 Kubota Engine Heater Kit 176
70.4135 Slope Indicator Kit 178
70.4109 Dual Front Hydraulic Auxiliary Kit 180
Dual Front Hydraulic Auxiliary Diagram 182
70.4140 Slope Indicator Kit 184
39.56114 3N1 Hitch 186
39.56116 Rear Counterweight Bar 188
70.4137 Mid Weight Bar 4500 Kit 190
70.4144 Rear Weight Bar Kit 192
70.4133 LED Work Light Kit 194
70.2016 Trailer Mover Hitch 196

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Wiring Diagram Reference Key

Wire Reference Key

Harness Section Identifier

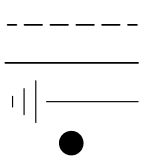
A = 32.0108 - Harness, Rear
B = 32.0109 - Harness, Dash
C = 32.0110 - Harness, Front
D = 32.0107 - Harness, B&S Engine
E = 32.0105 - Harness, Kawasaki Engine
F = 32.0104 - Harness, Kubota Gas
G = 32.0106 - Harness, Kubota Diesel
H = 32.0134 - Harness, 4500 Front Headlight
I =
J = 32.0114 - Harness, Kit - 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, Kawaski 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

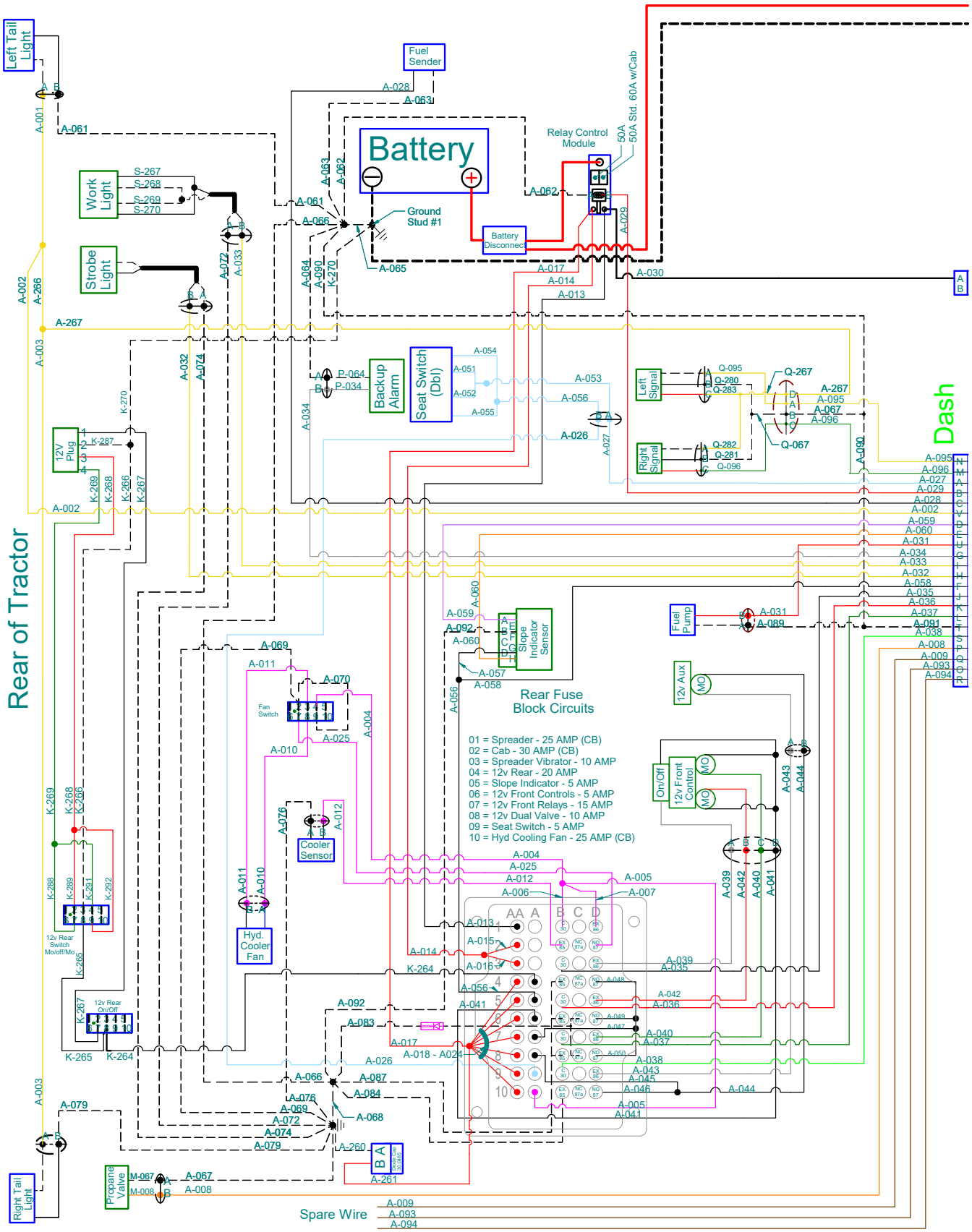
* All black wires that are part of the wire harness are part of the ground circuit. However, some components such as lights may be wired where black may be positive.

All other wires colors are as shown

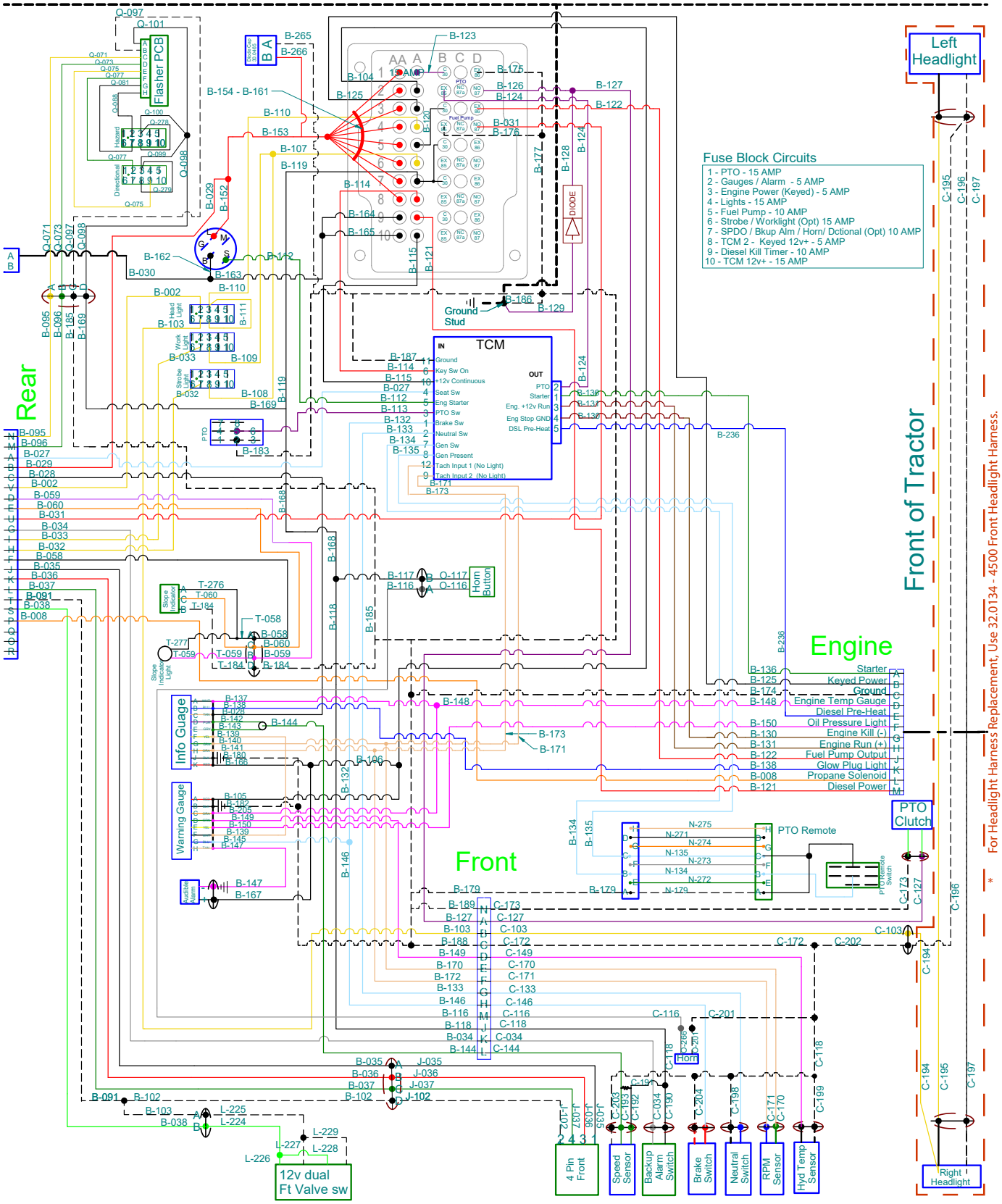
Anything outlined with a blue box is a Standard Feature

Anything outlined with a Green box is a Option

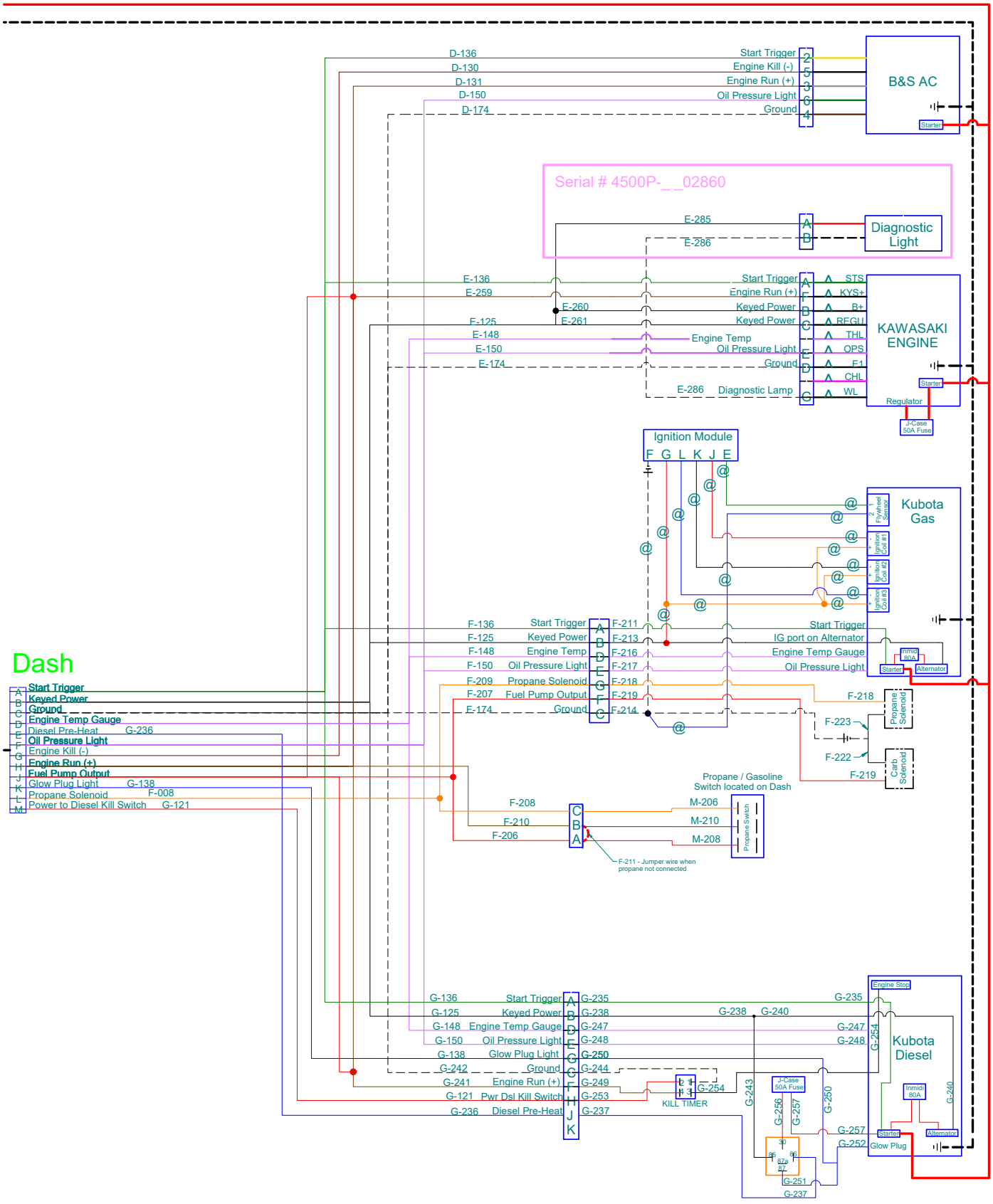
Wiring Diagram - Rear Harness



Wiring Diagram - Front Harness



Wiring Diagram - Engine Harness



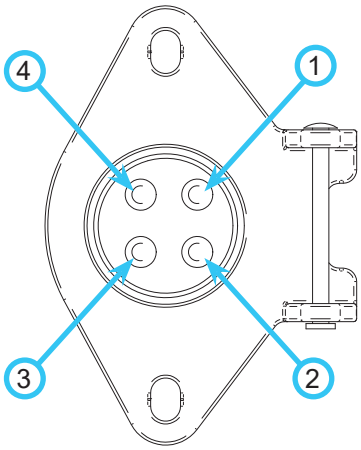
Wiring Diagram - Optional 30.0219 4-Pin Female Socket & 30.0218 4-Pin Male Plug

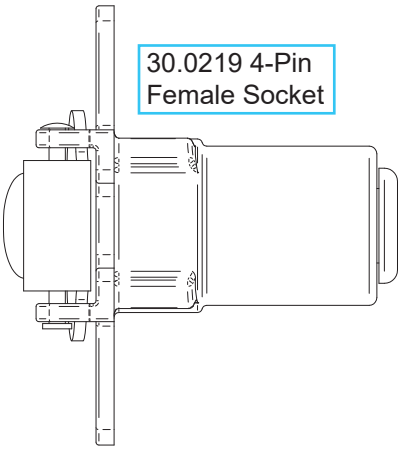
Attention

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.

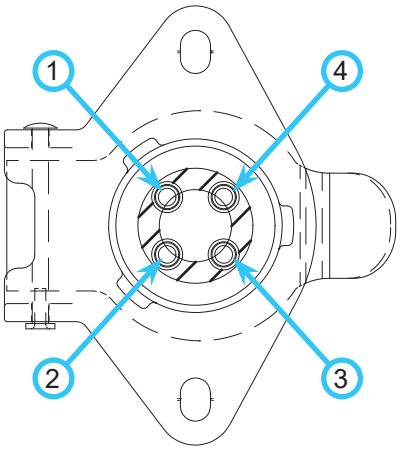
30.0219 4-pin female socket is used in the 70.4104 12 Volt Front kit & 70.4105 12 Volt Rear Kit.

Front View of Socket Without Cover





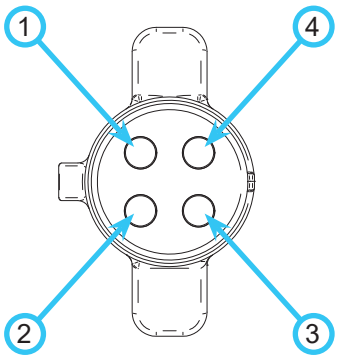
Rear View of Socket

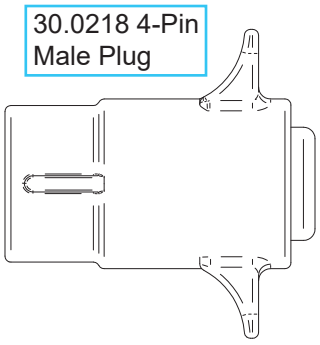


Terminal Position	Wire Color	Function
1	White	Positive (On/Off Switched)
2	Black	Negative (Constant)
3	Red	Positive/Negative (Momentary Switched Reversing)
4	Green or Brown	Positive/Negative (Momentary Switched Reversing)

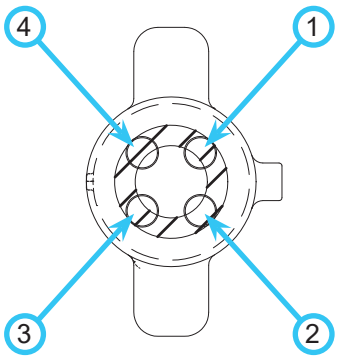
30.0218 4-pin plug is used on attachments to connect to the 30.0219 socket on the power unit.

Front View of Plug





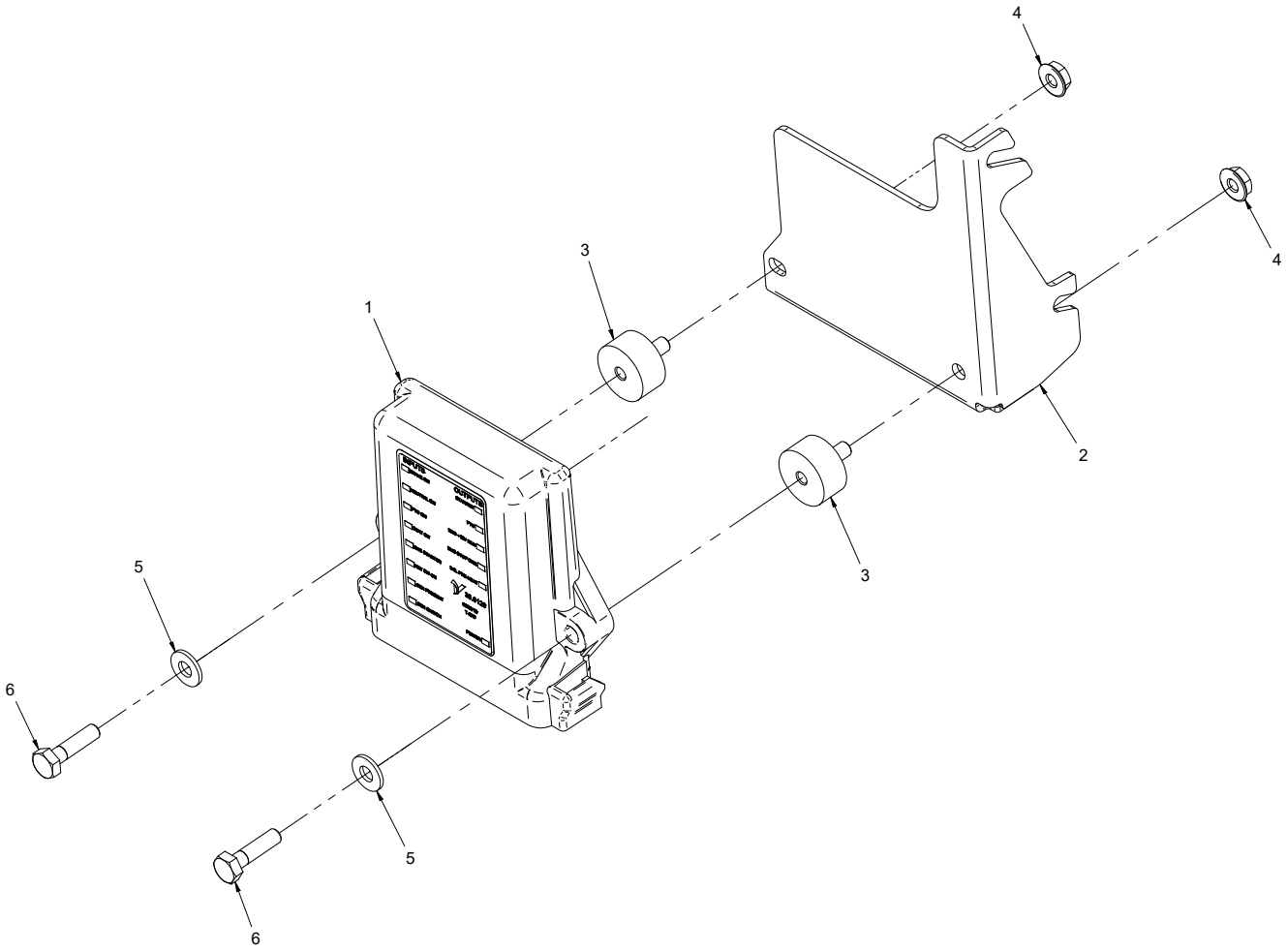
Rear View of Plug



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.

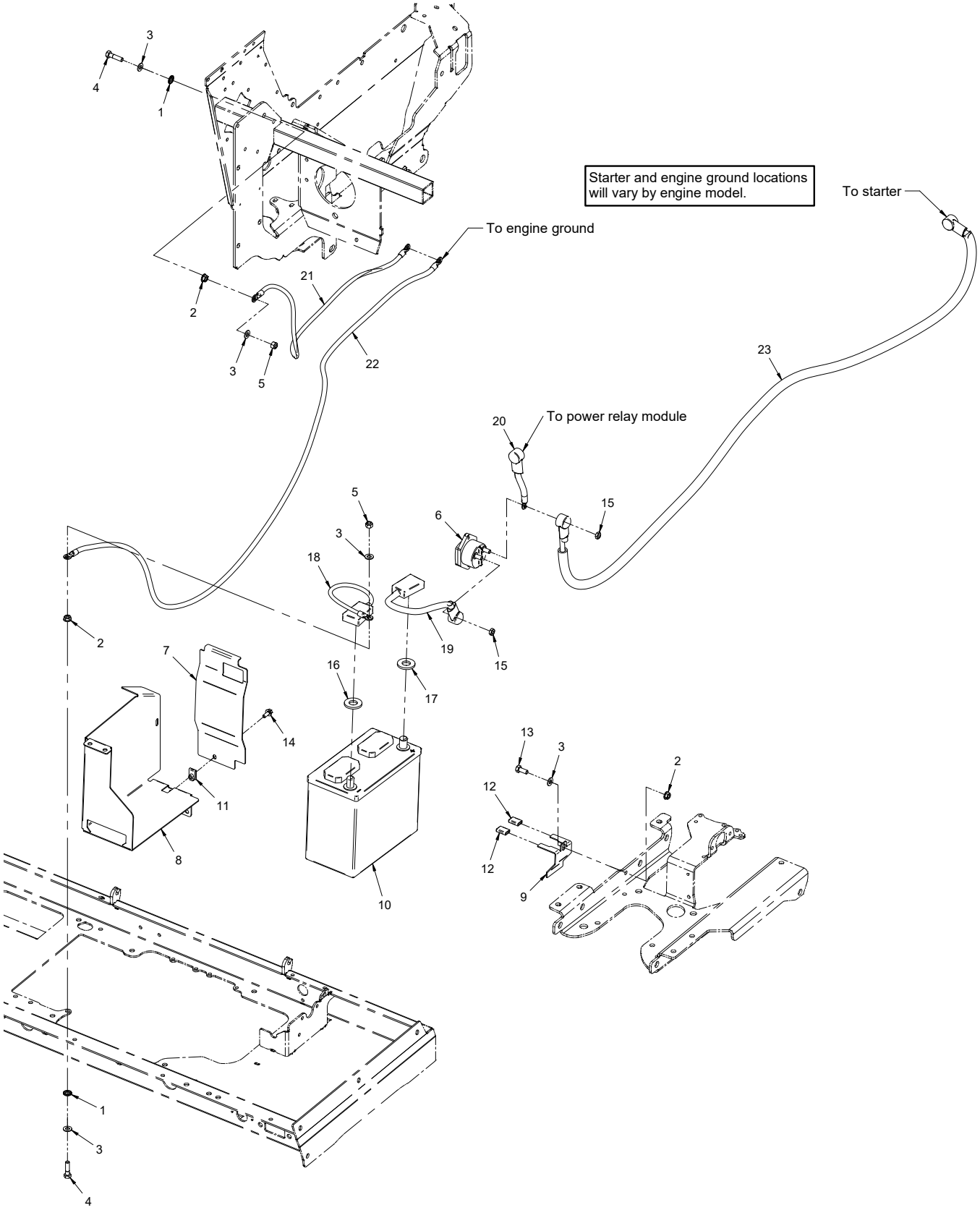
ILLUSTRATED DRAWING
Tractor Control Module



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

ILLUSTRATED DRAWING
Battery, Power Cables, & Ground Cables

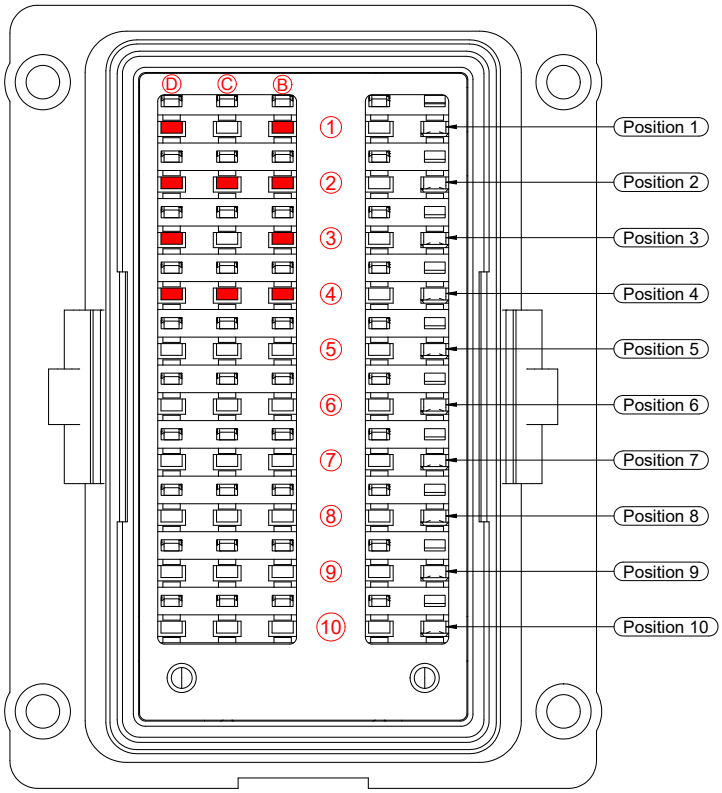


ELECTRICAL

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

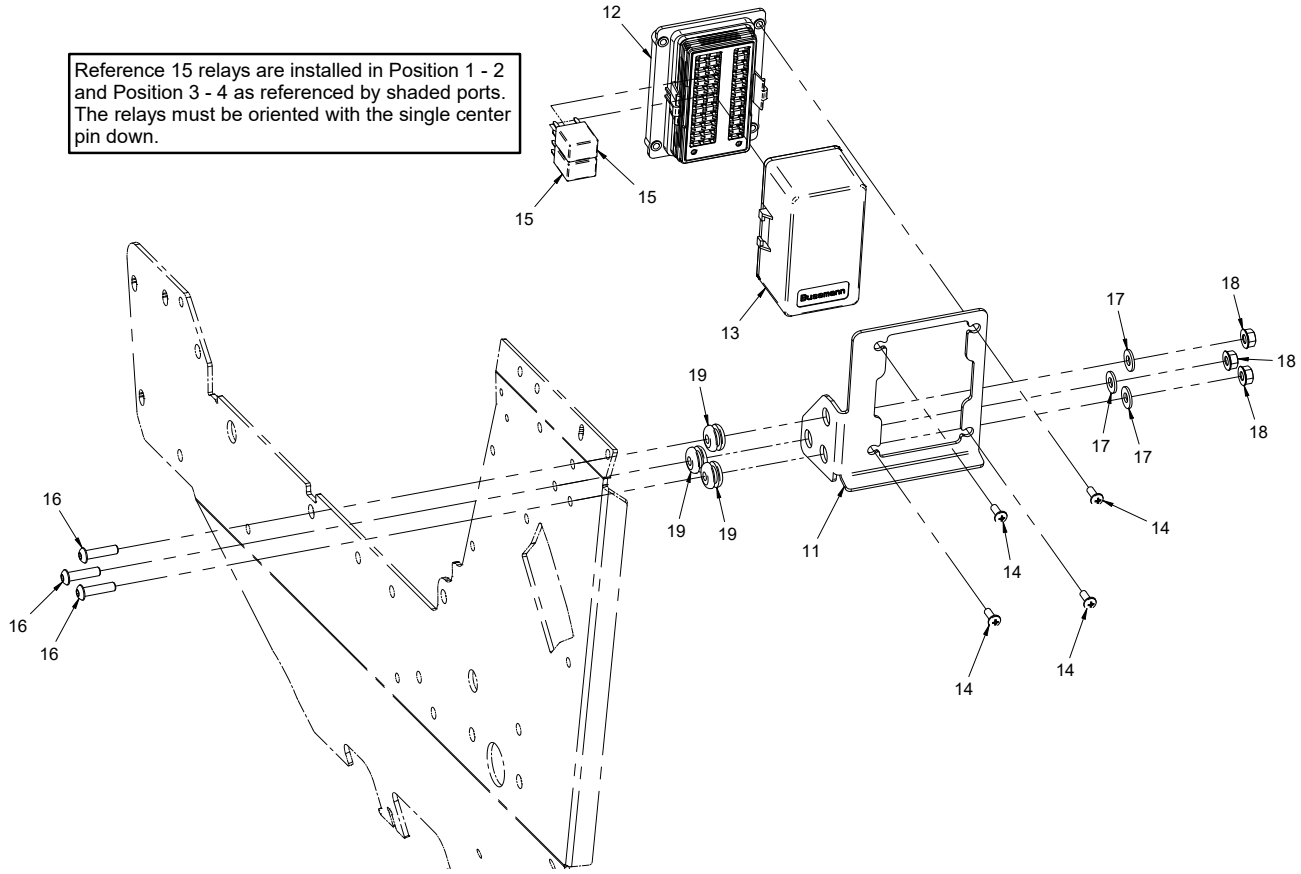
ILLUSTRATED DRAWING
Front Fuse Panel



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.

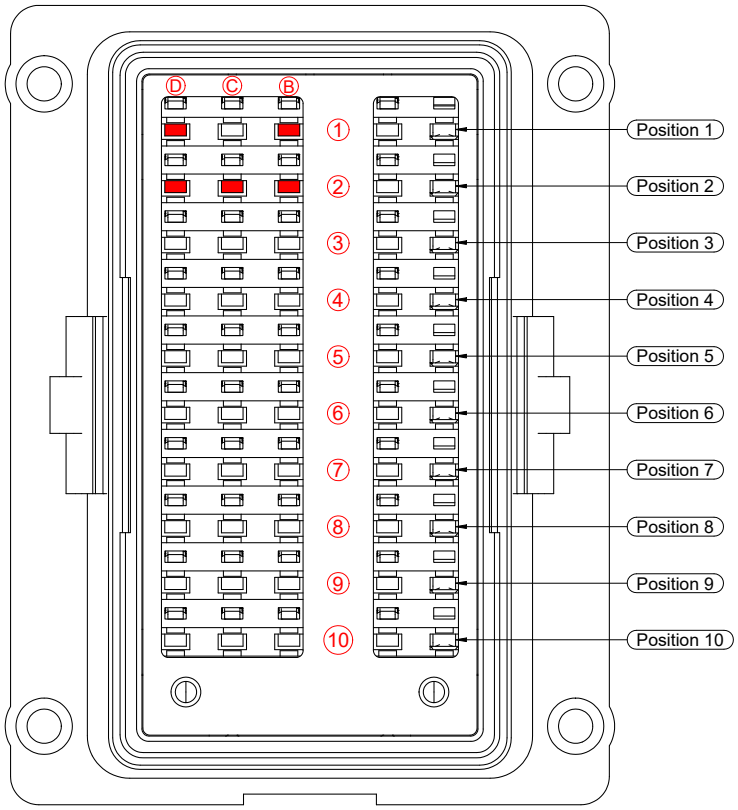


ELECTRICAL

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

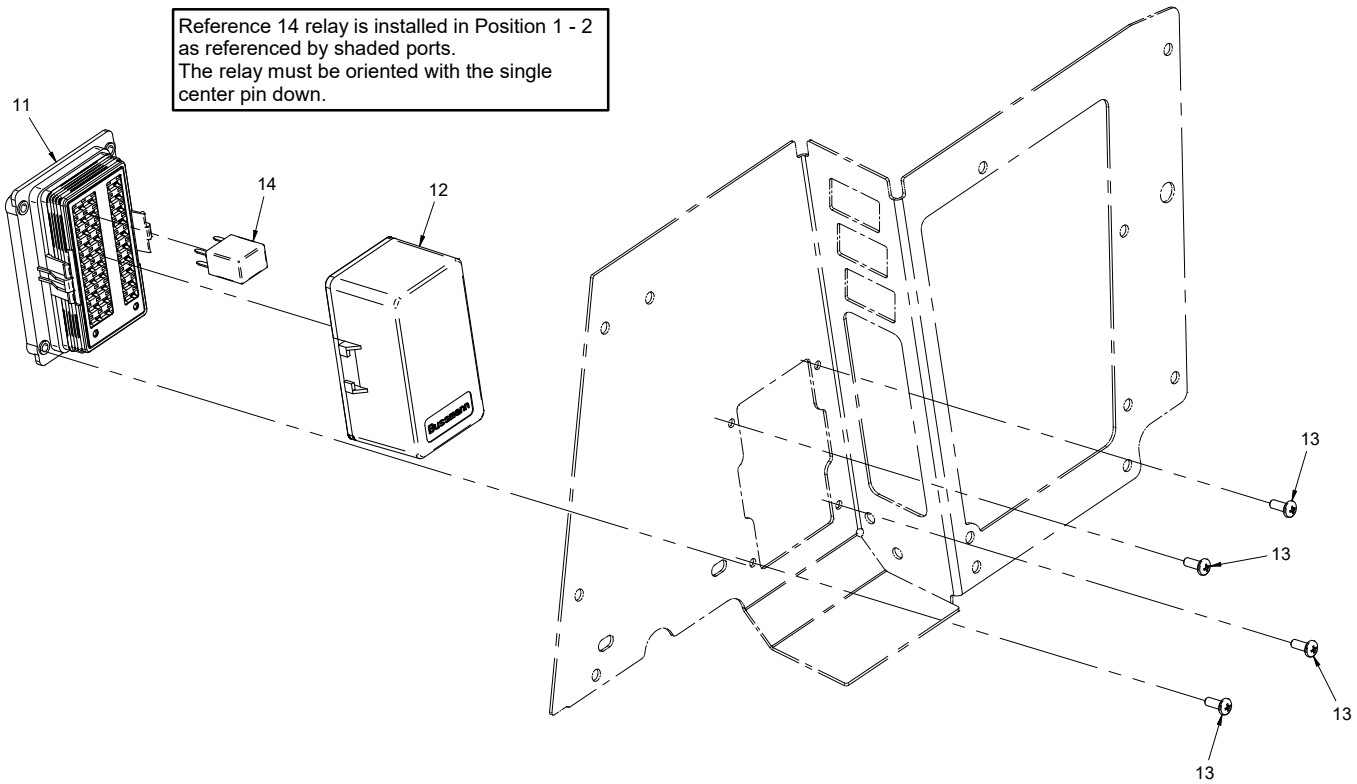
ILLUSTRATED DRAWING
Rear Fuse Panel



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

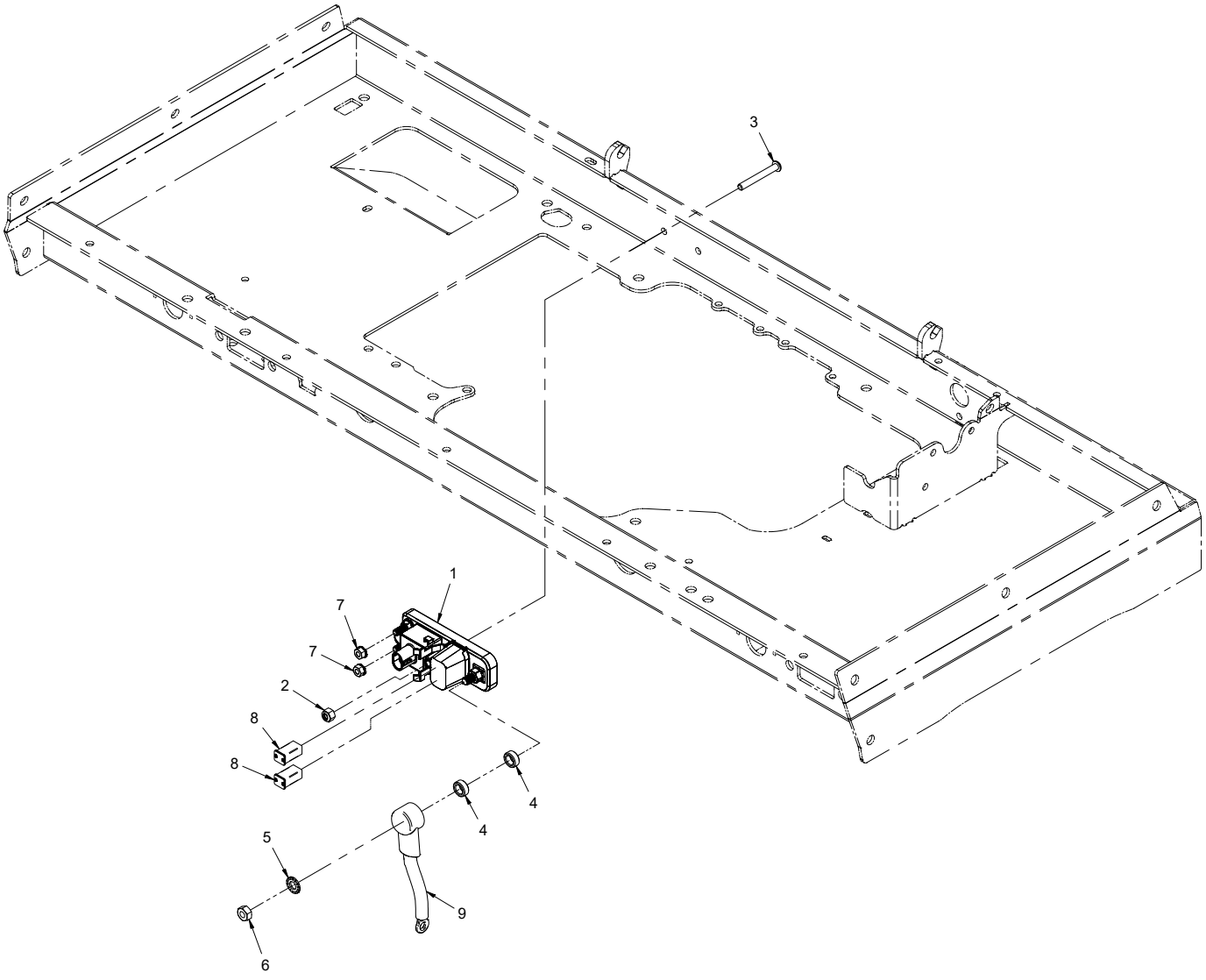
Reference 14 relay is installed in Position 1 - 2 as referenced by shaded ports.
The relay must be oriented with the single center pin down.



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

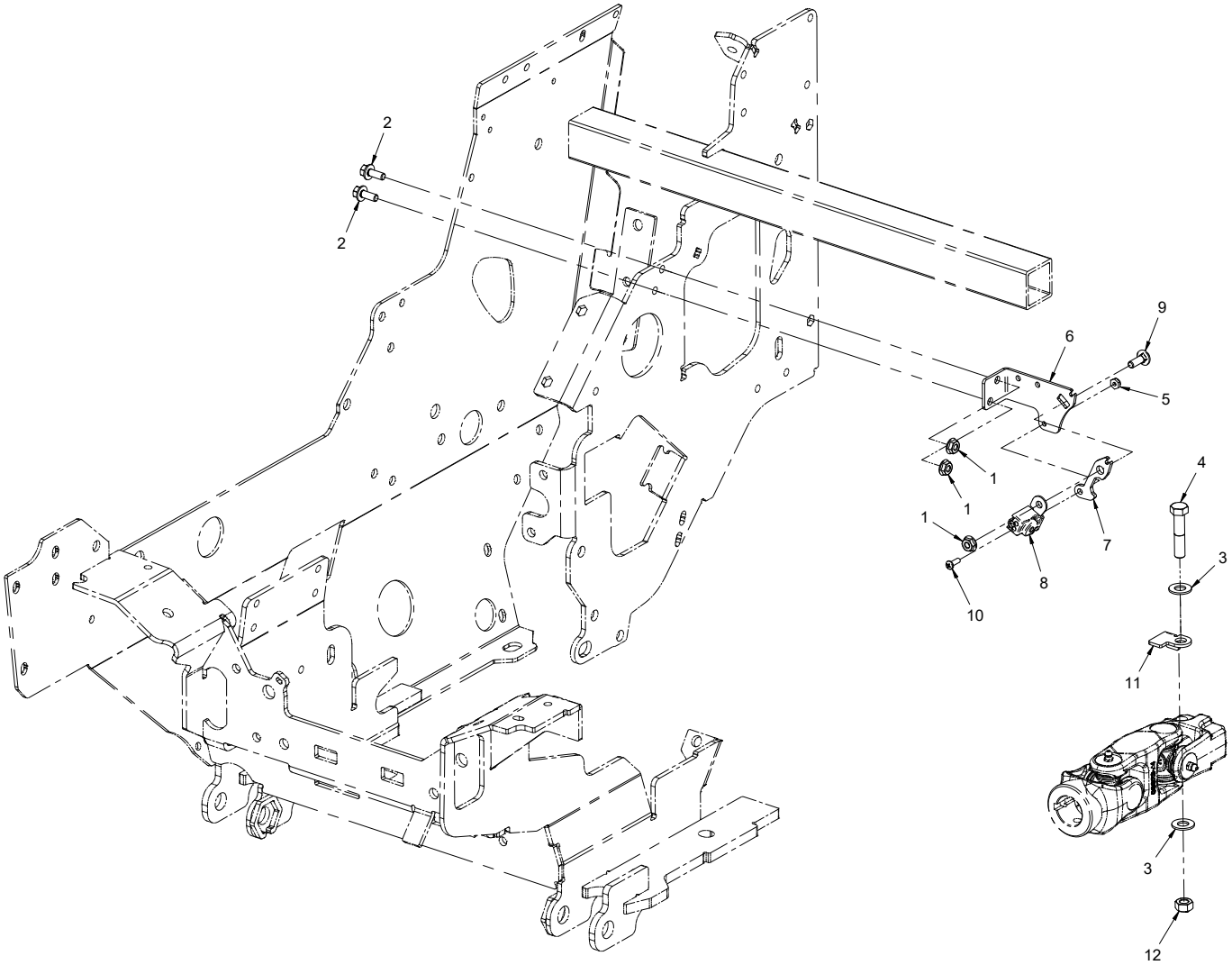
ILLUSTRATED DRAWING
Power Relay Module



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

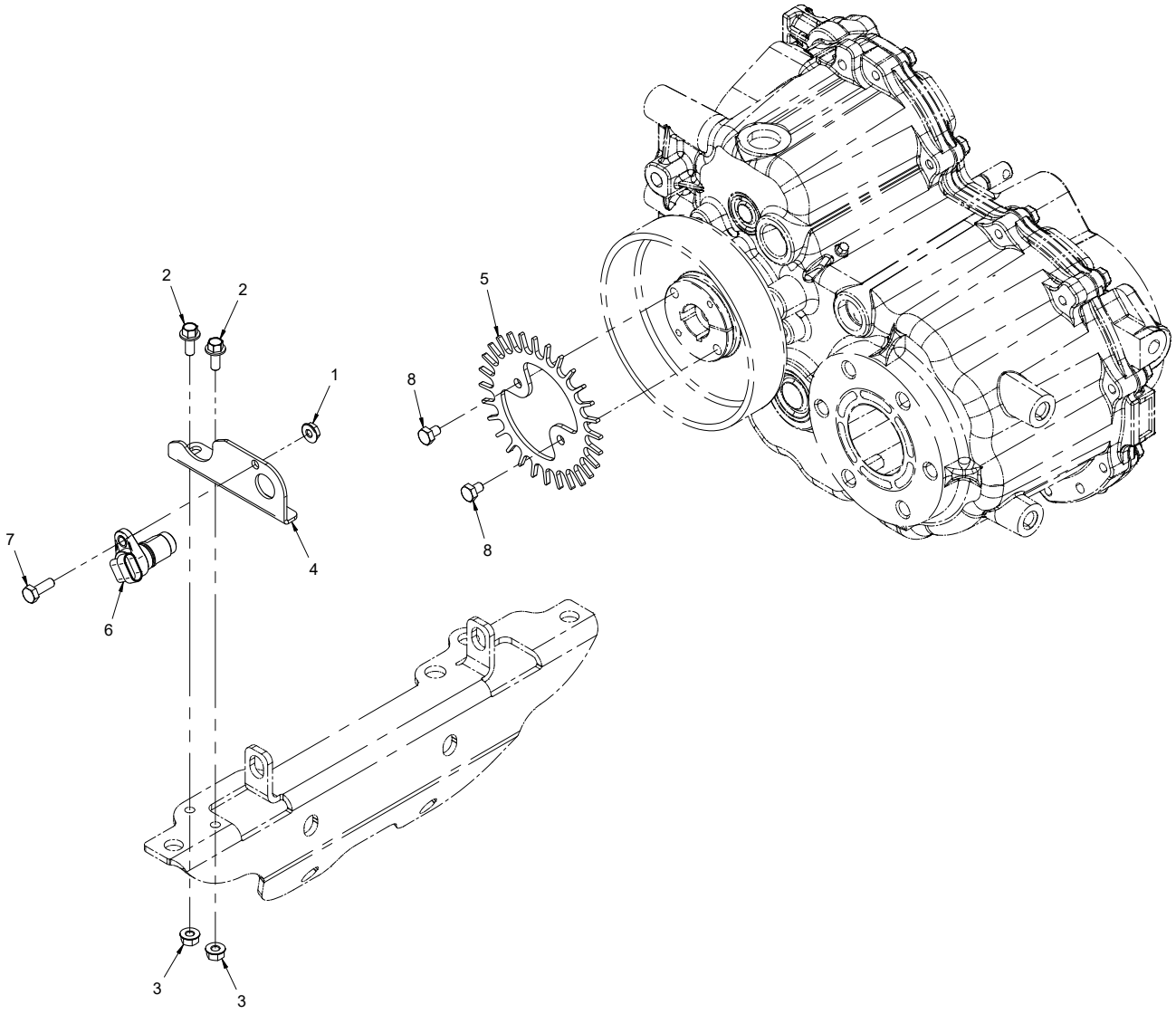
ILLUSTRATED DRAWING
RPM Sensor



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

ILLUSTRATED DRAWING
Speedometer Sensor

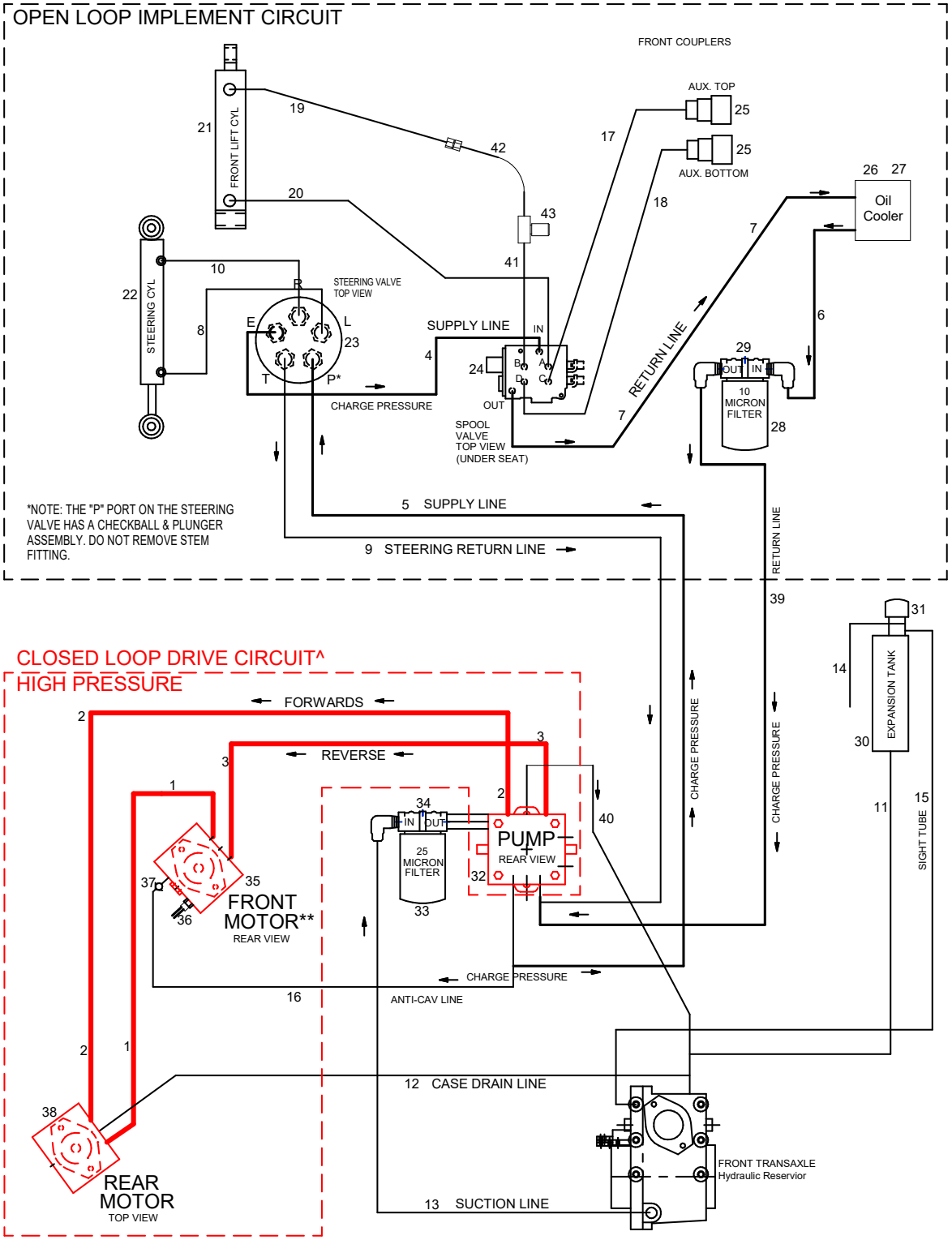


Speedometer Sensor

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

ILLUSTRATED DRAWING
Hydraulic Diagram

ALL VIEWS ARE FROM REAR OF TRACTOR, OR AS NOTED



^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, THE 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 TRANSAXLE IS PART OF THE HYDRAULIC SYSTEM, SO THE FRONT MOTOR MUST HAVE THE SEAL REMOVED. THE REAR TRANSAXLE IS SEPARATE FROM THE HYDRAULIC SYSTEM, SO THE SHAFT SEAL IN THE REAR MOTOR MUST NOT BE REMOVED.

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
41	20.0302	HOSE, 1/4X48.00 SAE 100R17 AR	1
42	20.0311	HOSE, 1/4X08.00 SAE 100R17 AR	1
43	23.0161	VALVE, NEEDLE	1

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

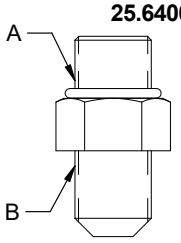
O-Ring Chart

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

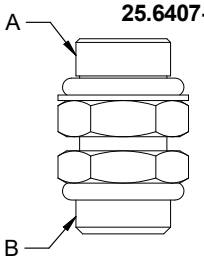
Fitting Chart

25.6400-(xx)-(xx) Fitting



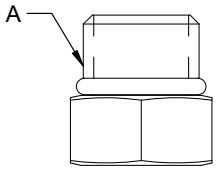
Fitting End A		O-Ring		Fitting End B		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	7/16-20	904	26.0035	-04	7/16-20	-	-
-06	9/16-18	906	26.0036	-06	9/16-18	-	-
-08	3/4-16	908	26.0037	-08	3/4-16	-	-
-10	7/8-14	910	26.0038	-10	7/8-14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

25.6407-(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	AS586A 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

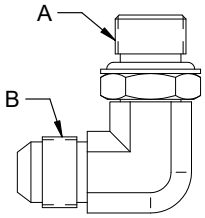
25.6408-(xx) Plug



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

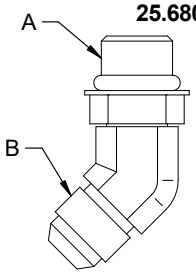
Fitting Chart

25.6801-(xx)-(xx) Fitting



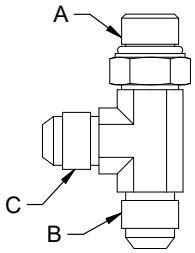
Fitting End A		O-Ring		Fitting End B		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	7/16-20	904	26.0035	-04	7/16-20	-	-
-06	9/16-18	906	26.0036	-06	9/16-18	-	-
-08	3/4-16	908	26.0037	-08	3/4-16	-	-
-10	7/8-14	910	26.0038	-10	7/8-14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



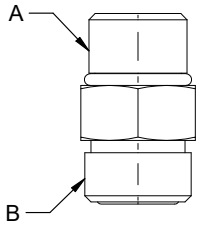
Fitting End A		O-Ring		Fitting End B		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	7/16-20	904	26.0035	-04	7/16-20	-	-
-06	9/16-18	906	26.0036	-06	9/16-18	-	-
-08	3/4-16	908	26.0037	-08	3/4-16	-	-
-10	7/8-14	910	26.0038	-10	7/8-14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



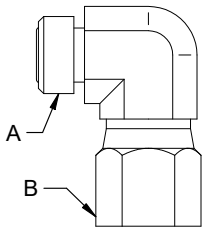
Fitting End A		O-Ring		Fitting End B & C		O-Ring	
SAE Fitting Size	Thread Size	AS568A Dash #	VPI Part #	SAE Fitting Size	Thread Size	AS586A Dash #	VPI Part #
-04	7/16-20	904	26.0035	-04	7/16-20	-	-
-06	9/16-18	906	26.0036	-06	9/16-18	-	-
-08	3/4-16	908	26.0037	-08	3/4-16	-	-
-10	7/8-14	910	26.0038	-10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

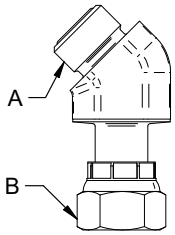
25.FF6500-(xx)-(xx) Fitting



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	-	-

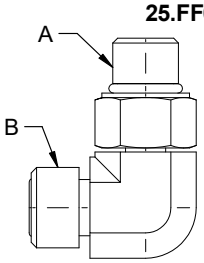
Fitting Chart

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

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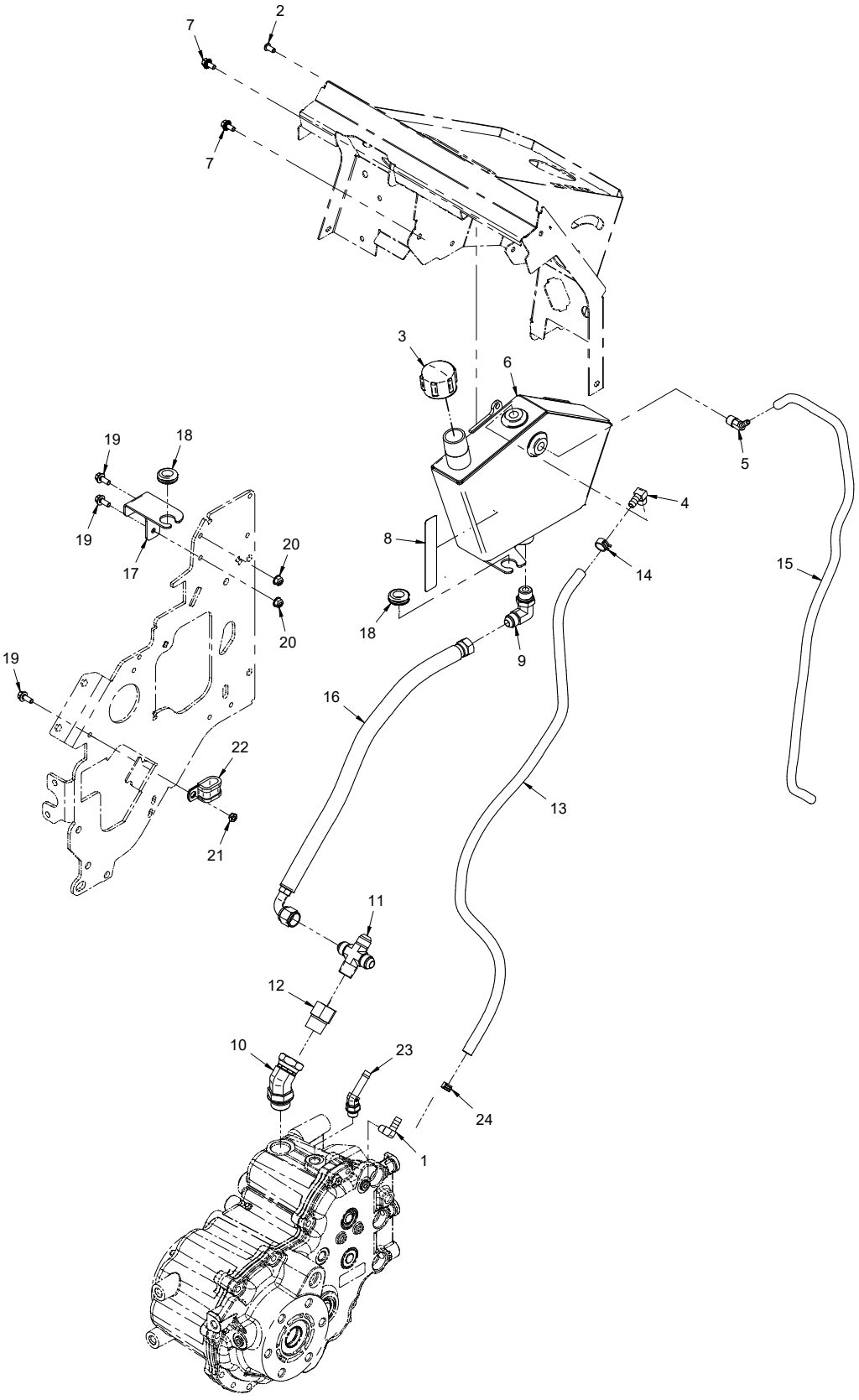
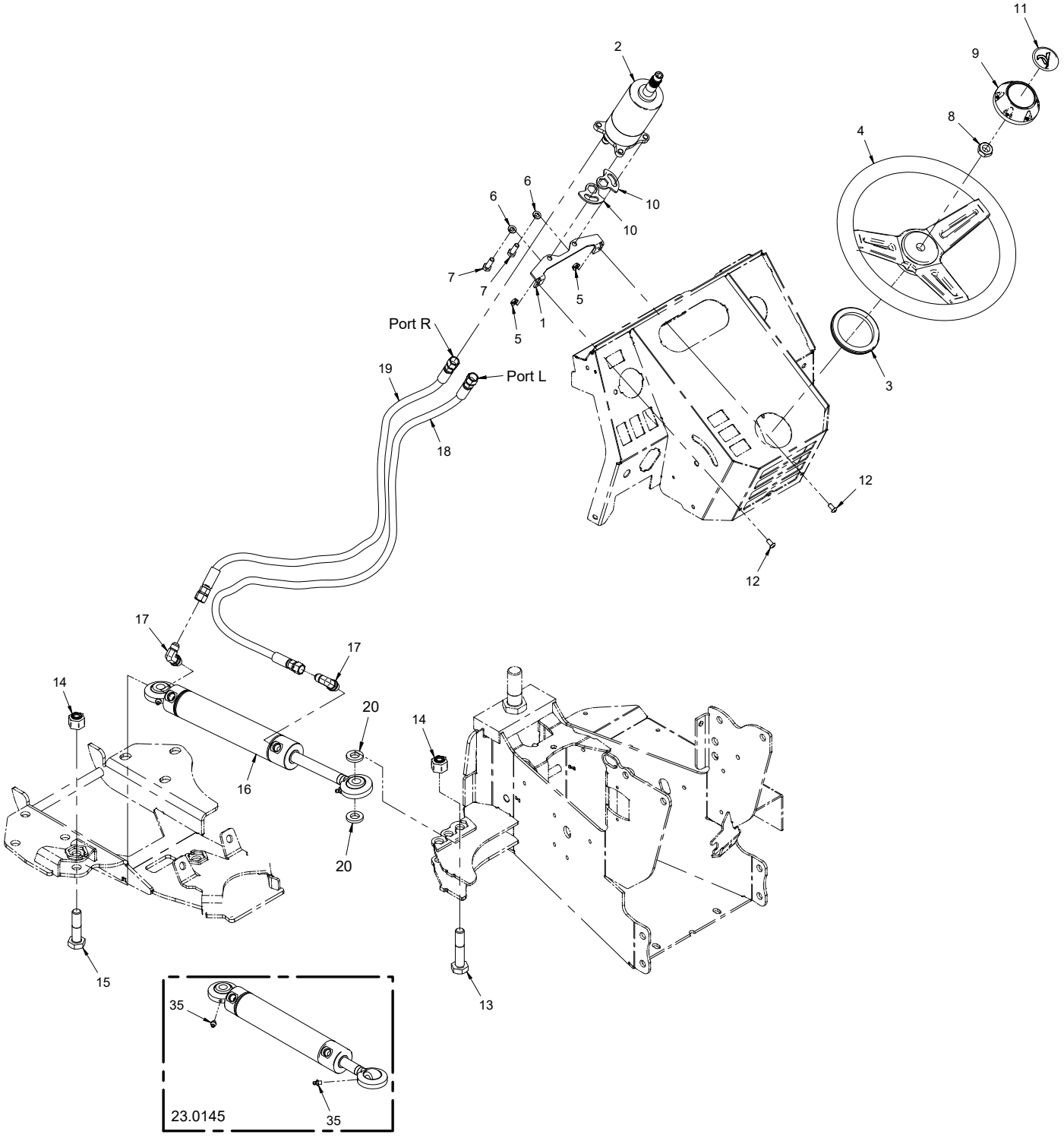
ILLUSTRATED DRAWING
Hydraulic Oil Tank



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

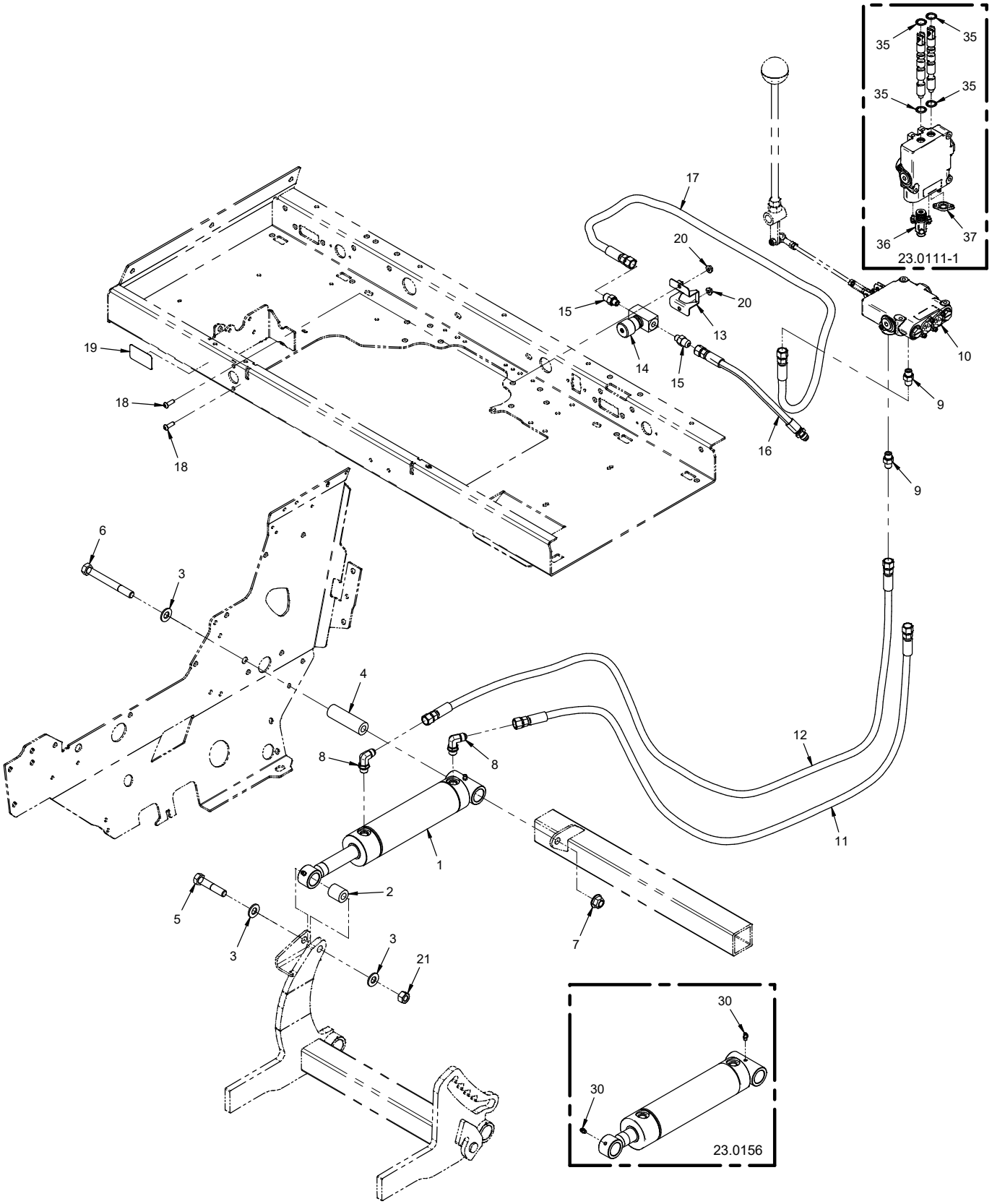
ILLUSTRATED DRAWING
Hydraulic Steering System



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

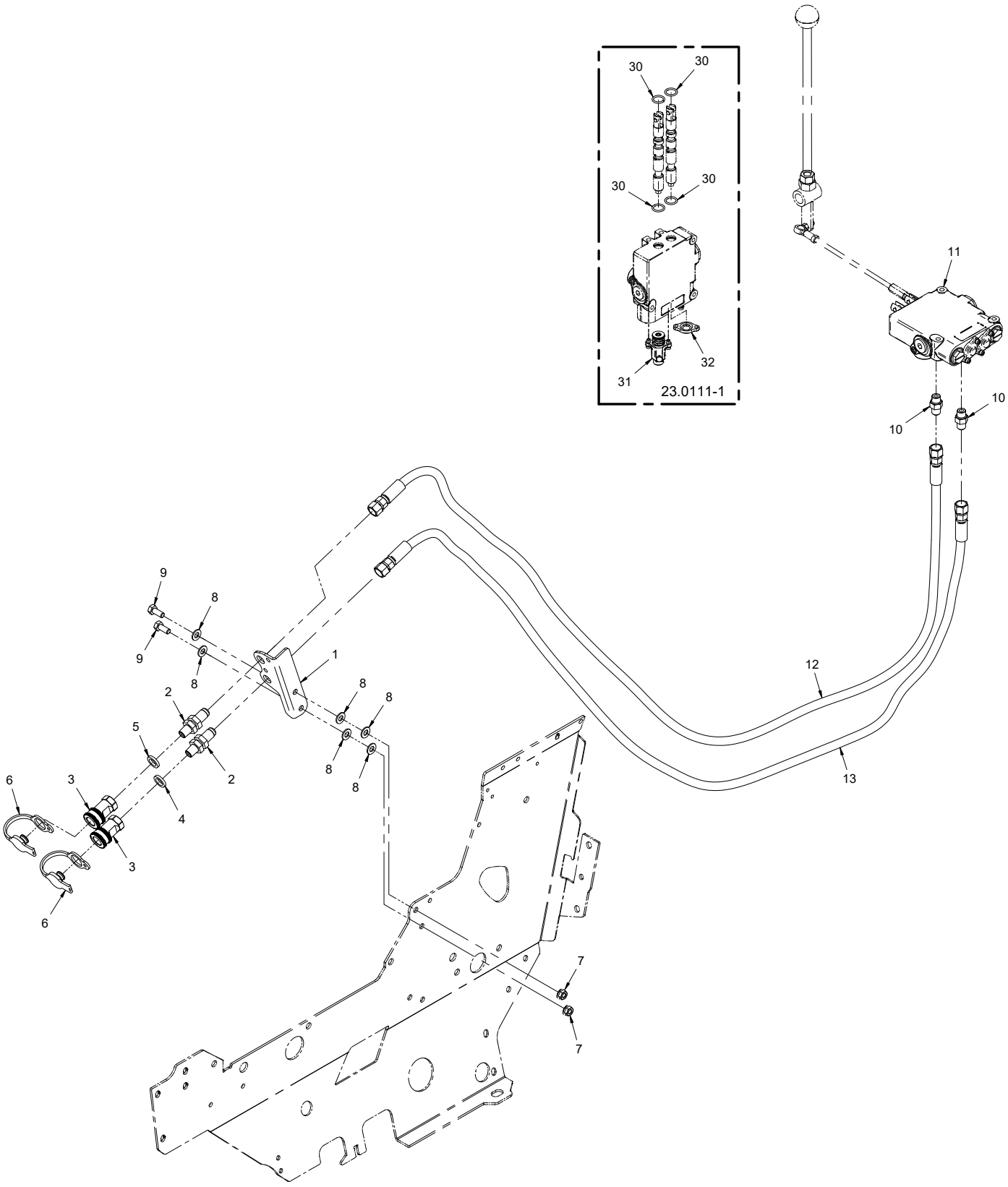
ILLUSTRATED DRAWING
Front Hitch Hydraulic Lift & Hitch Lock Valve



Front Hitch Hydraulic Lift & Hitch Lock Valve

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	64.1719	BRACKET, NEEDLE VALVE	1
14	23.0161	VALVE, NEEDLE	1
15	25.6400-06-04	FITTING, M CONN 3/8 X 1/4	2
16	20.0311	HOSE, 1/4X8.00 SAE 100R17AR	1
17	20.0302	HOSE, 1/4X48.00 SAE 100R17 AR	1
18	99.0406	BOLT, 1/4-20 X 3/4 BSCS	2
19	00.0329	DECAL, FRONT HITCH VALVE	1
20	99.SF04	NUT, SRF 1/4-20 USS	2
21	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

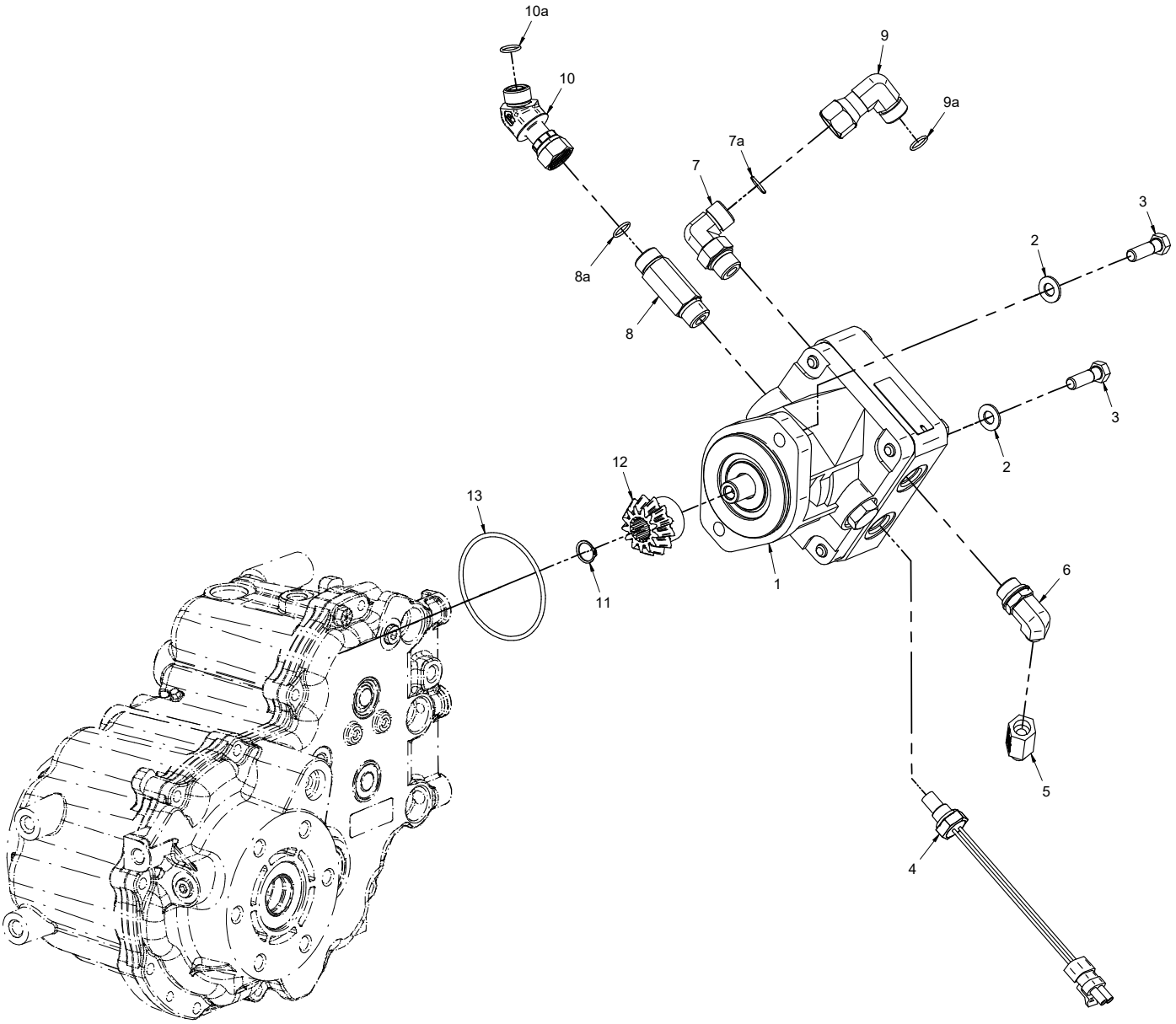
ILLUSTRATED DRAWING
Auxiliary Hydraulic Quick Couplers



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

ILLUSTRATED DRAWING
Front Hydraulic Motor Mount & Fittings

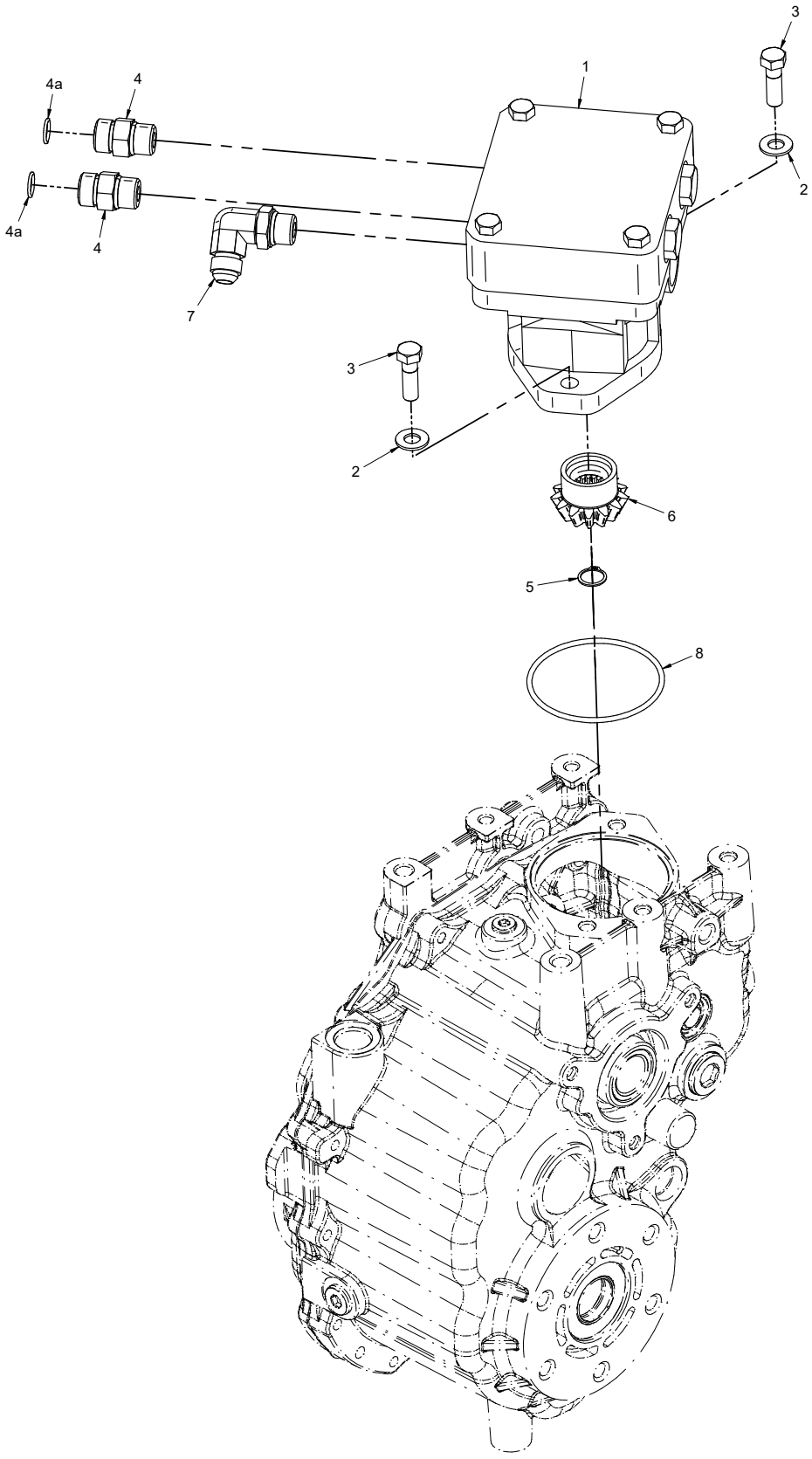


Front Hydraulic Motor Mount & Fittings

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.

ILLUSTRATED DRAWING
Rear Hydraulic Motor Mount & Fittings

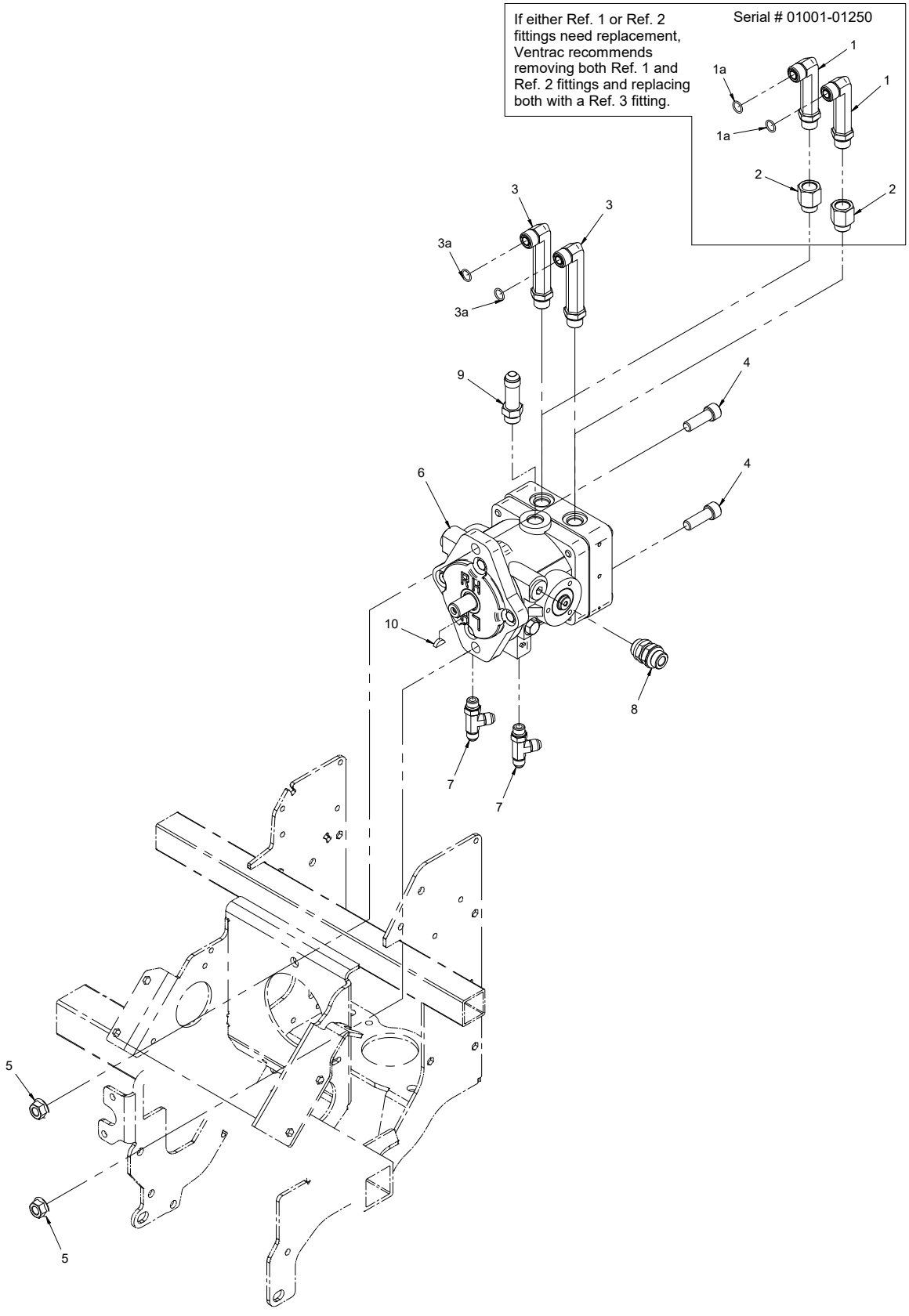


Rear Hydraulic Motor Mount & Fittings

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.

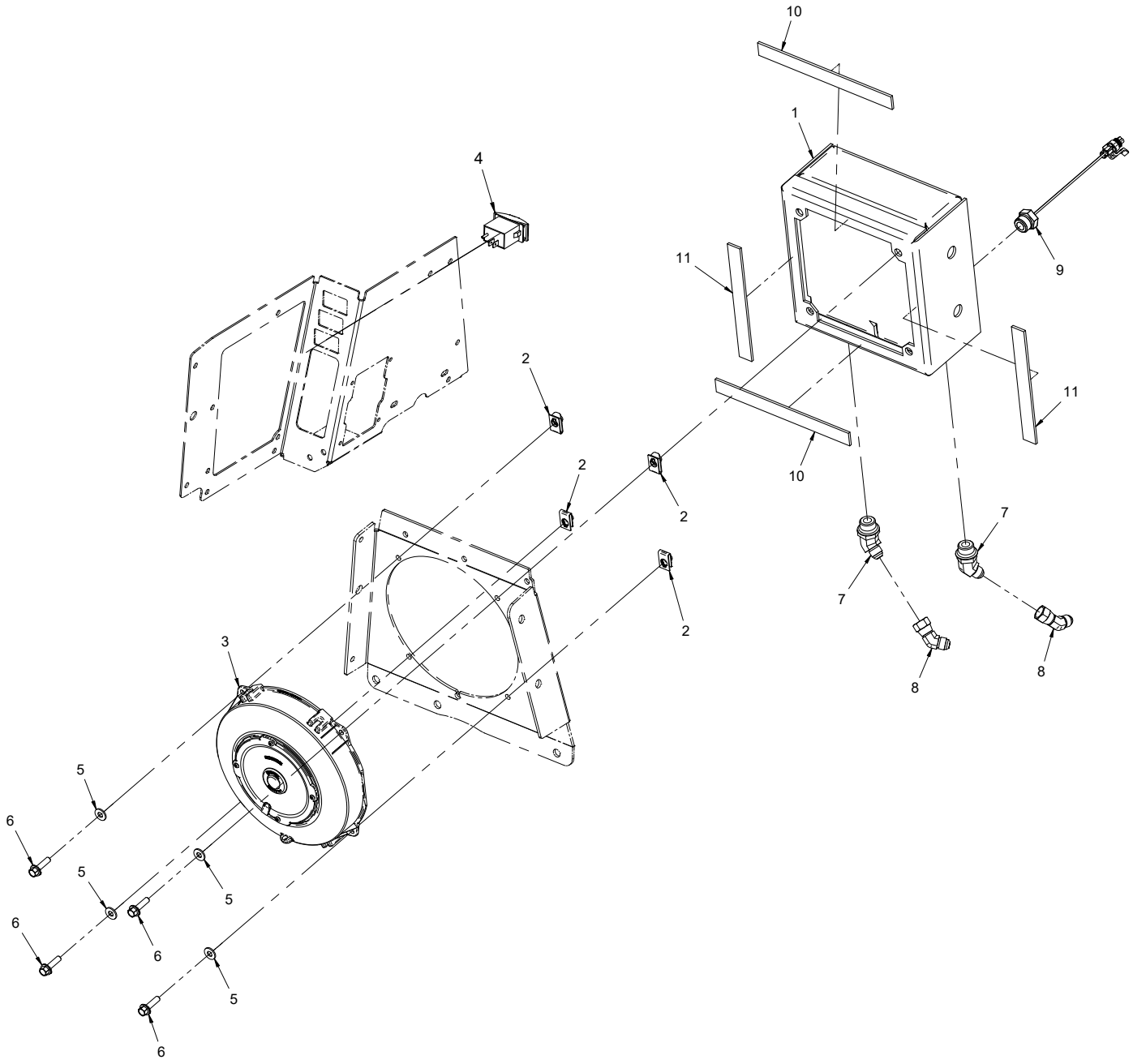
ILLUSTRATED DRAWING
Hydraulic Pump Mount & Fittings



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

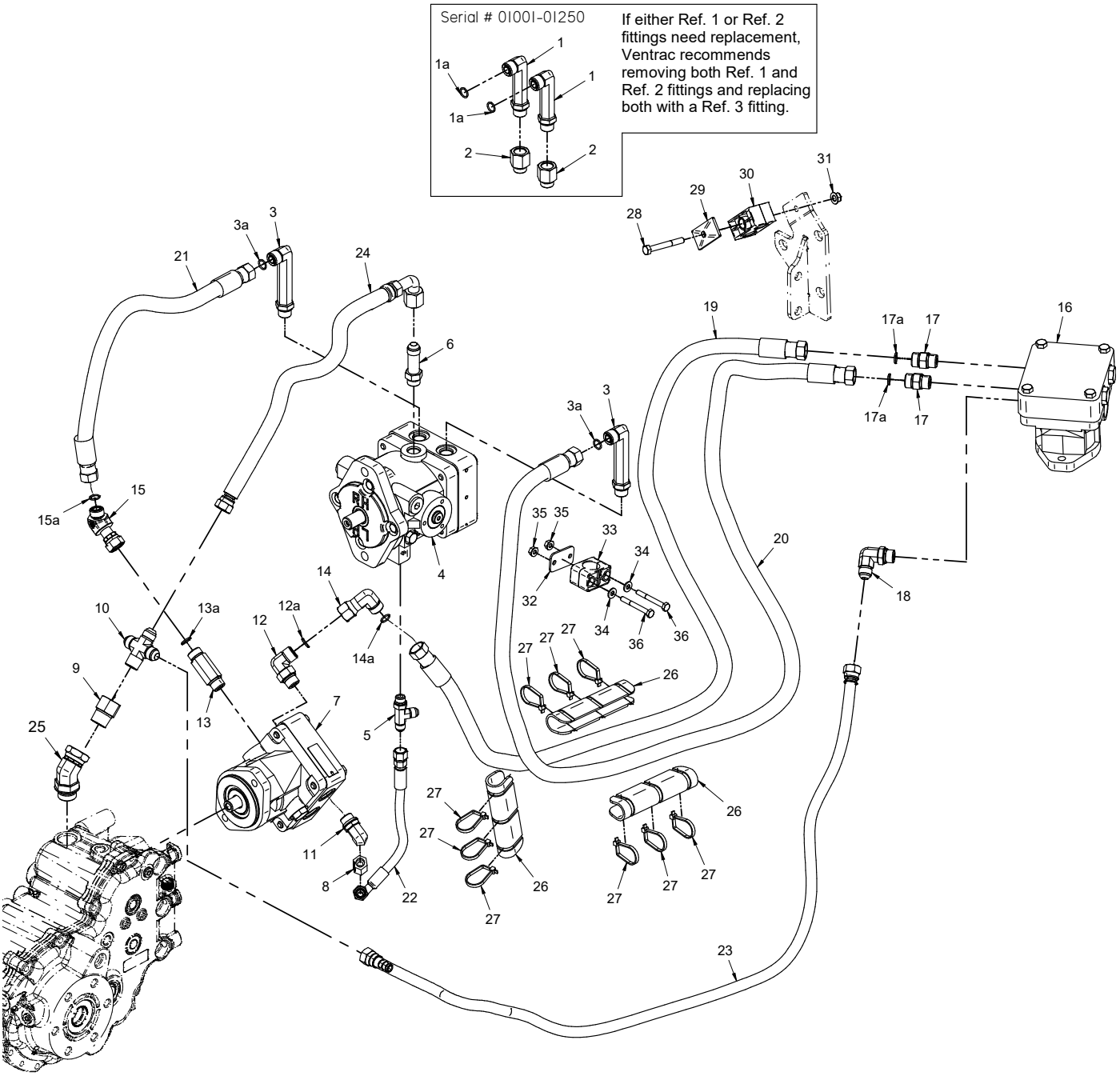
ILLUSTRATED DRAWING
Hydraulic Oil Cooler & Fan



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

ILLUSTRATED DRAWING
Hydraulic Drive Circuit Hoses

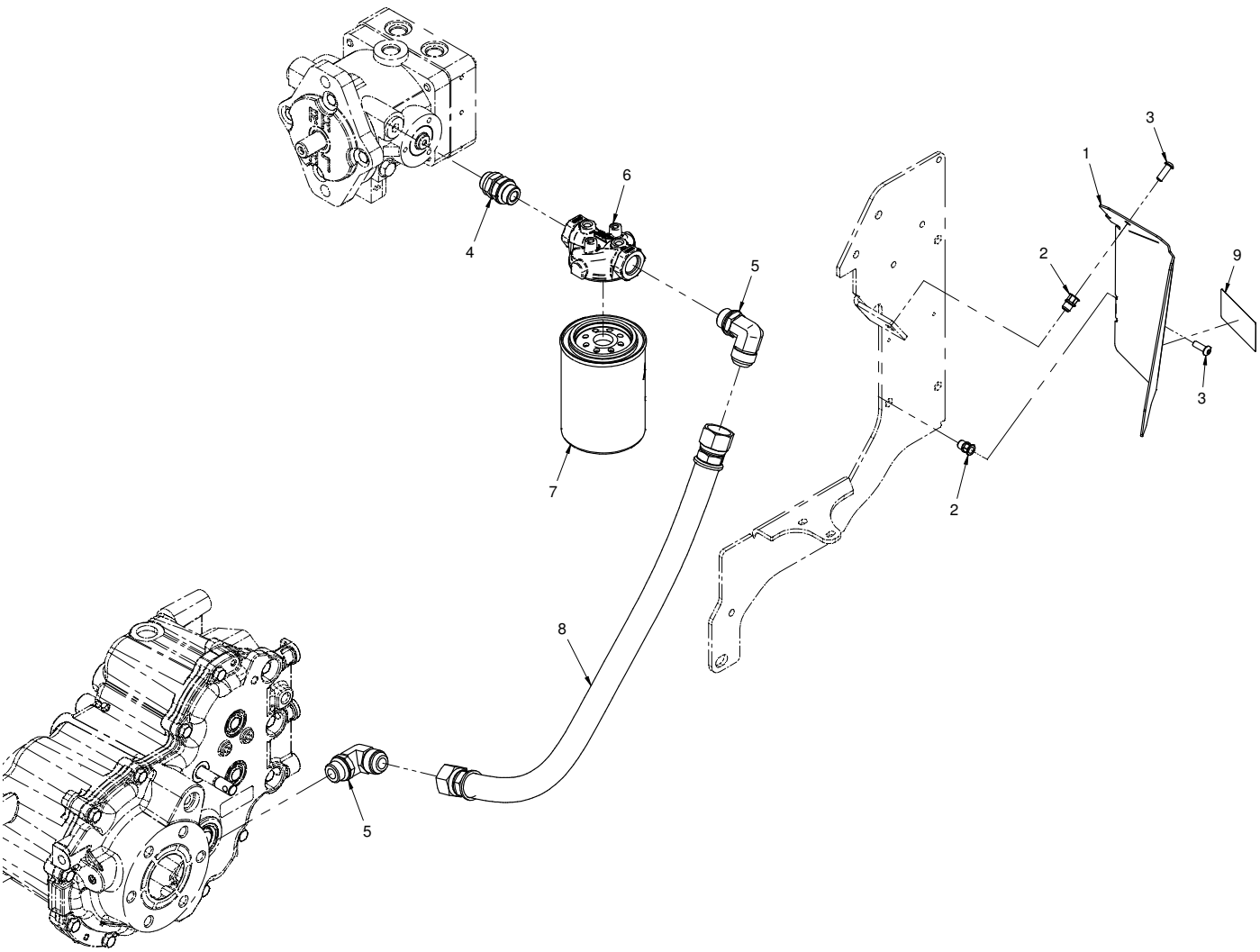


Hydraulic Drive Circuit Hoses

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.

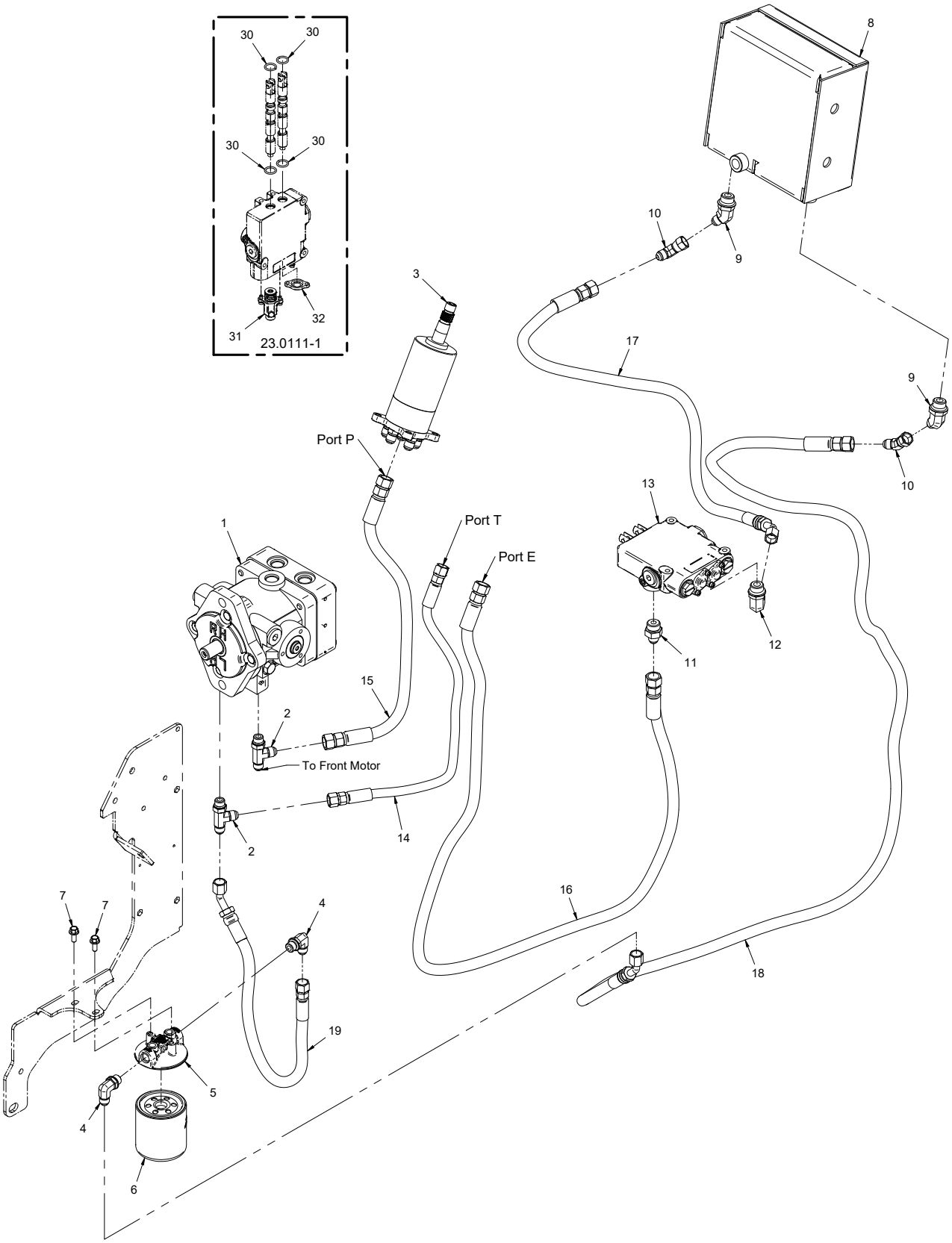
ILLUSTRATED DRAWING
Pump Supply Line & Main Hydraulic Filter



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

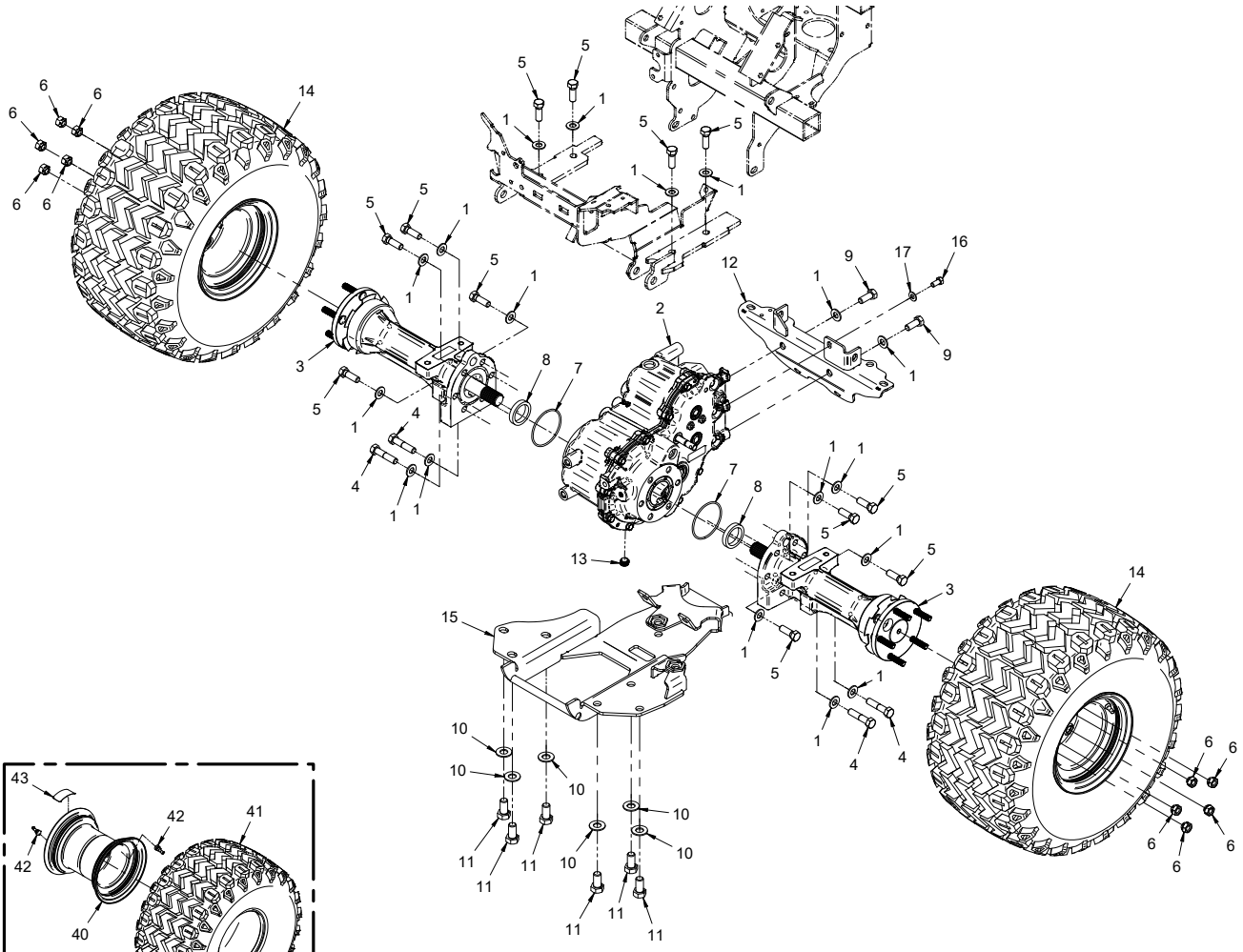
ILLUSTRATED DRAWING
Hydraulic Implement Circuit Supply & Return



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

ILLUSTRATED DRAWING
Front Transaxle & Wheels



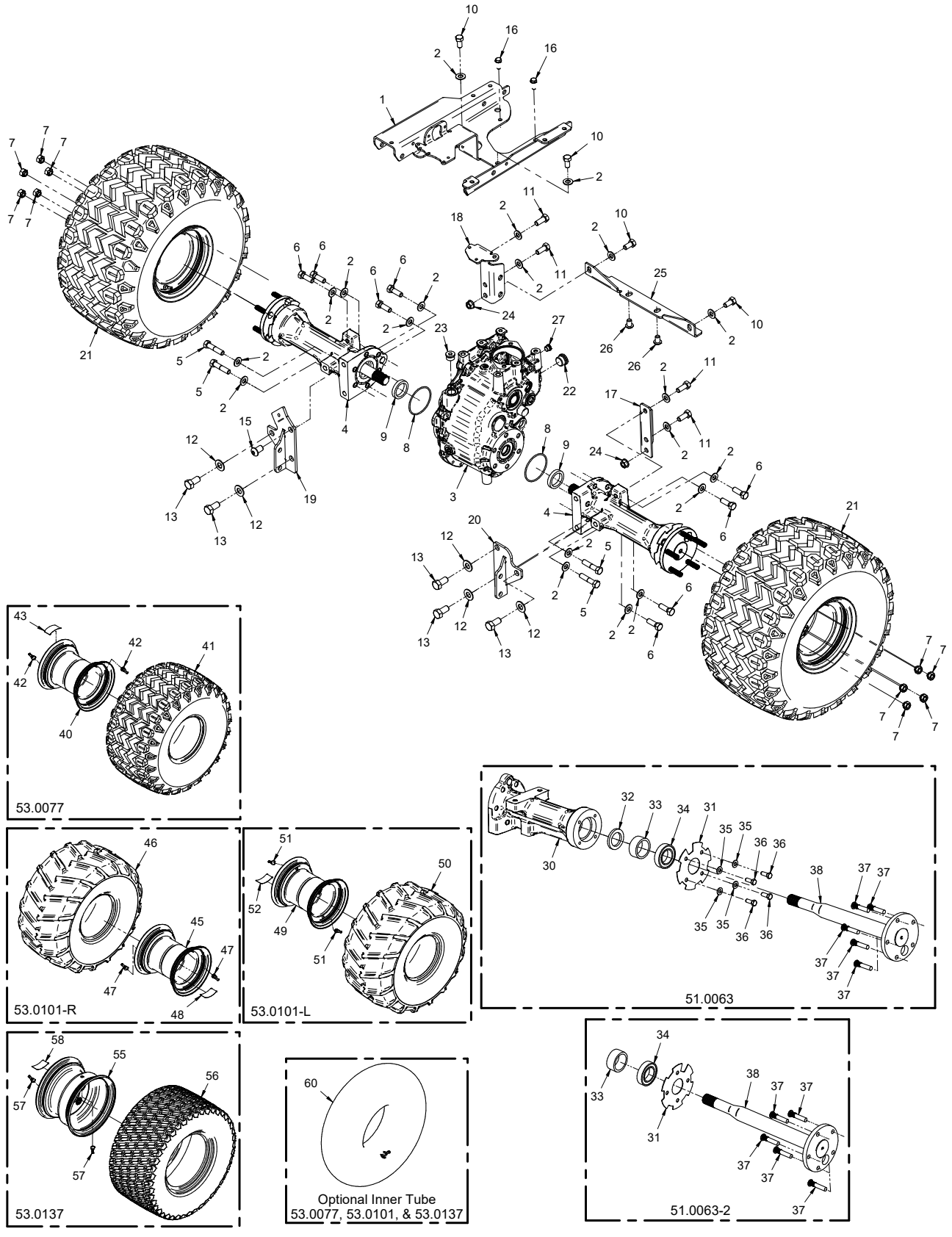
Use only original Ventrac replacement parts.

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

Use only original Ventrac replacement parts.

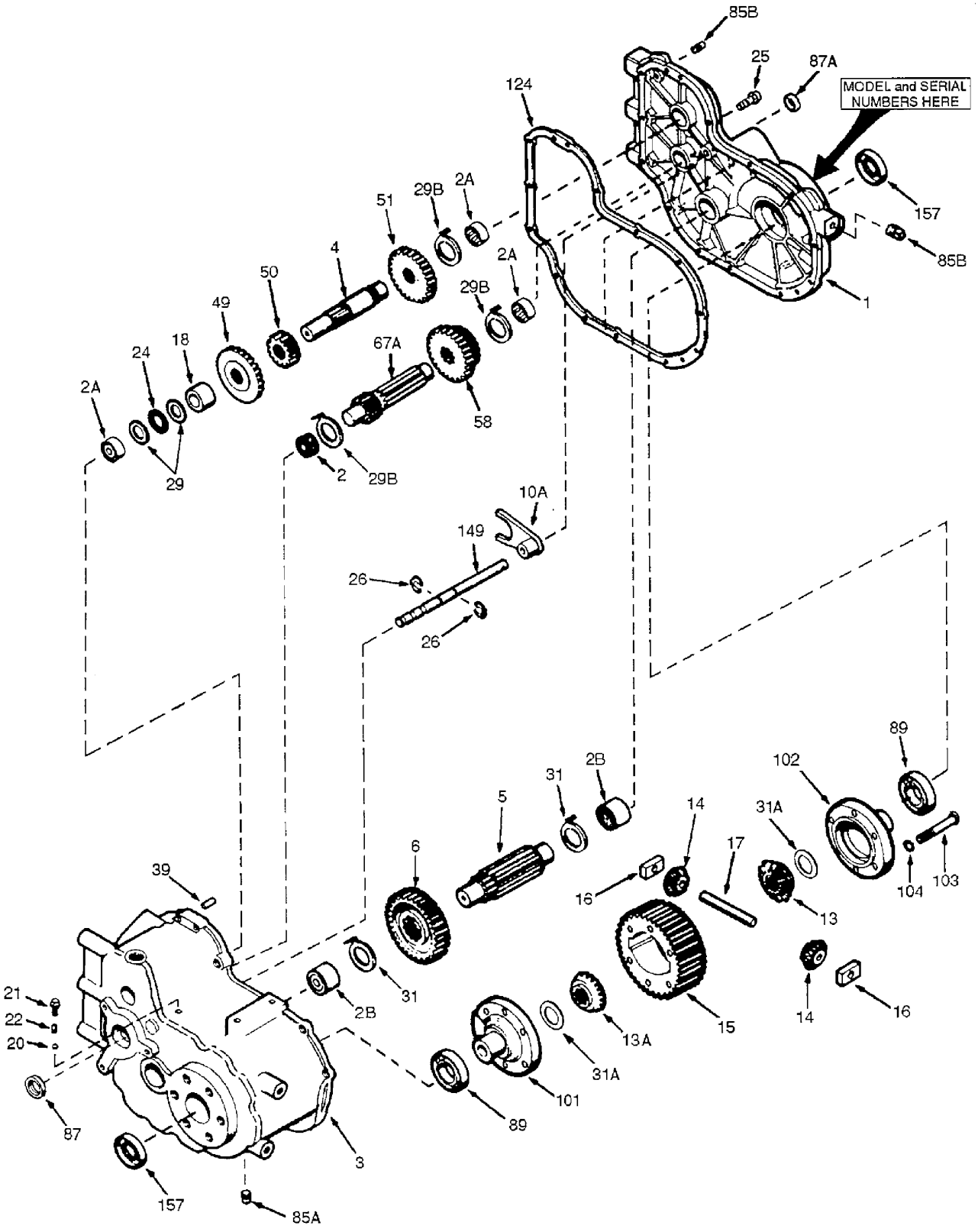
ILLUSTRATED DRAWING
Rear Transaxle & Wheels



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

ILLUSTRATED DRAWING
Model 2600 Transaxle (51.0020/51.0087)



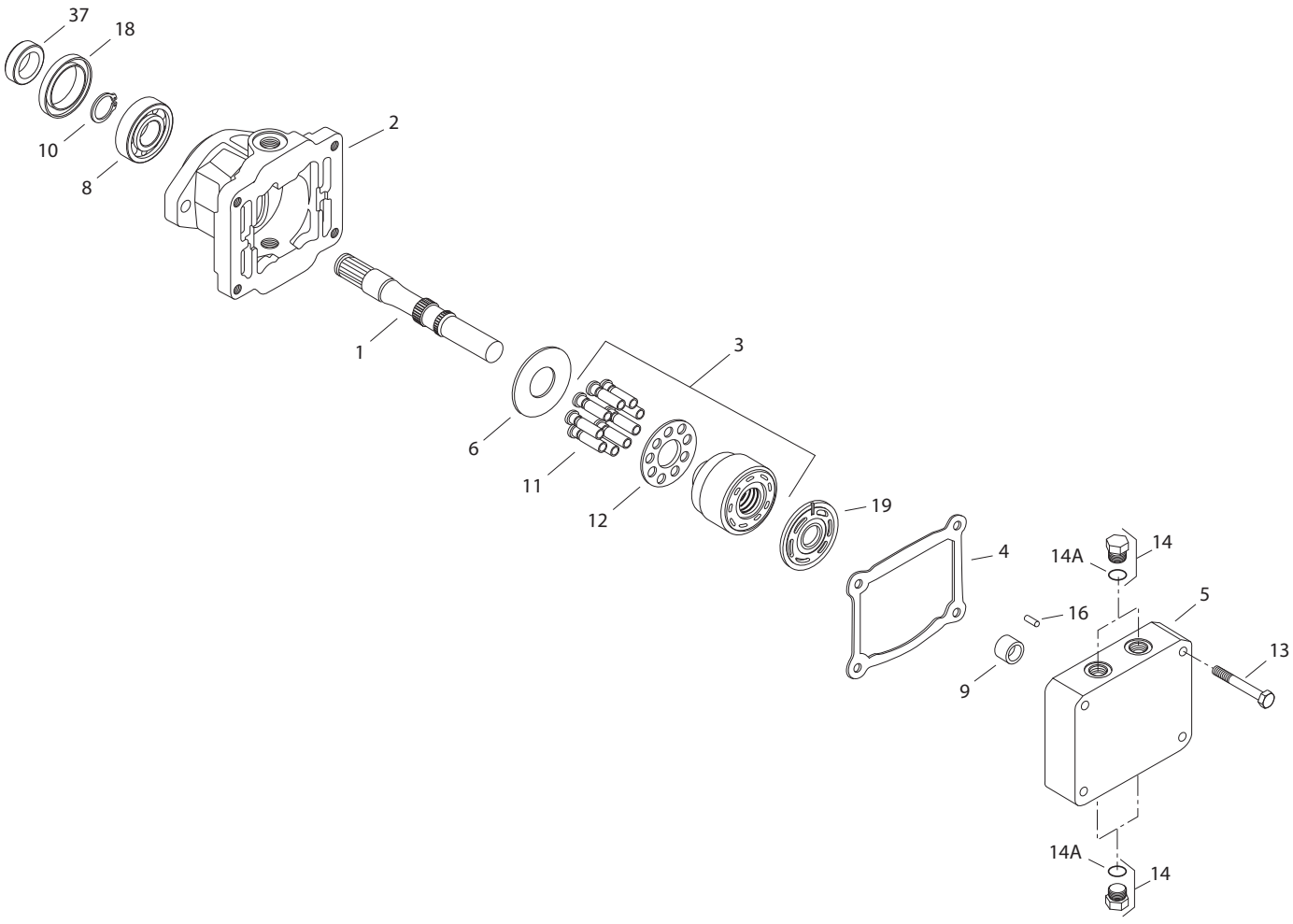
Model 2600 Transaxle (51.0020/51.0087)

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
5	51.0093	SHAFT, OUTPUT	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-08	FITTING, -08 MB X HOLLOW ALLEN (Serial # 12729-)	1
85B	29.P02-1	PIPE, PLUG 1/8 HEX SOCKET ZP (Serial # 01001-12728)	1
85B	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.

ILLUSTRATED DRAWING
Model 15 Hydraulic Motor (21.0081)

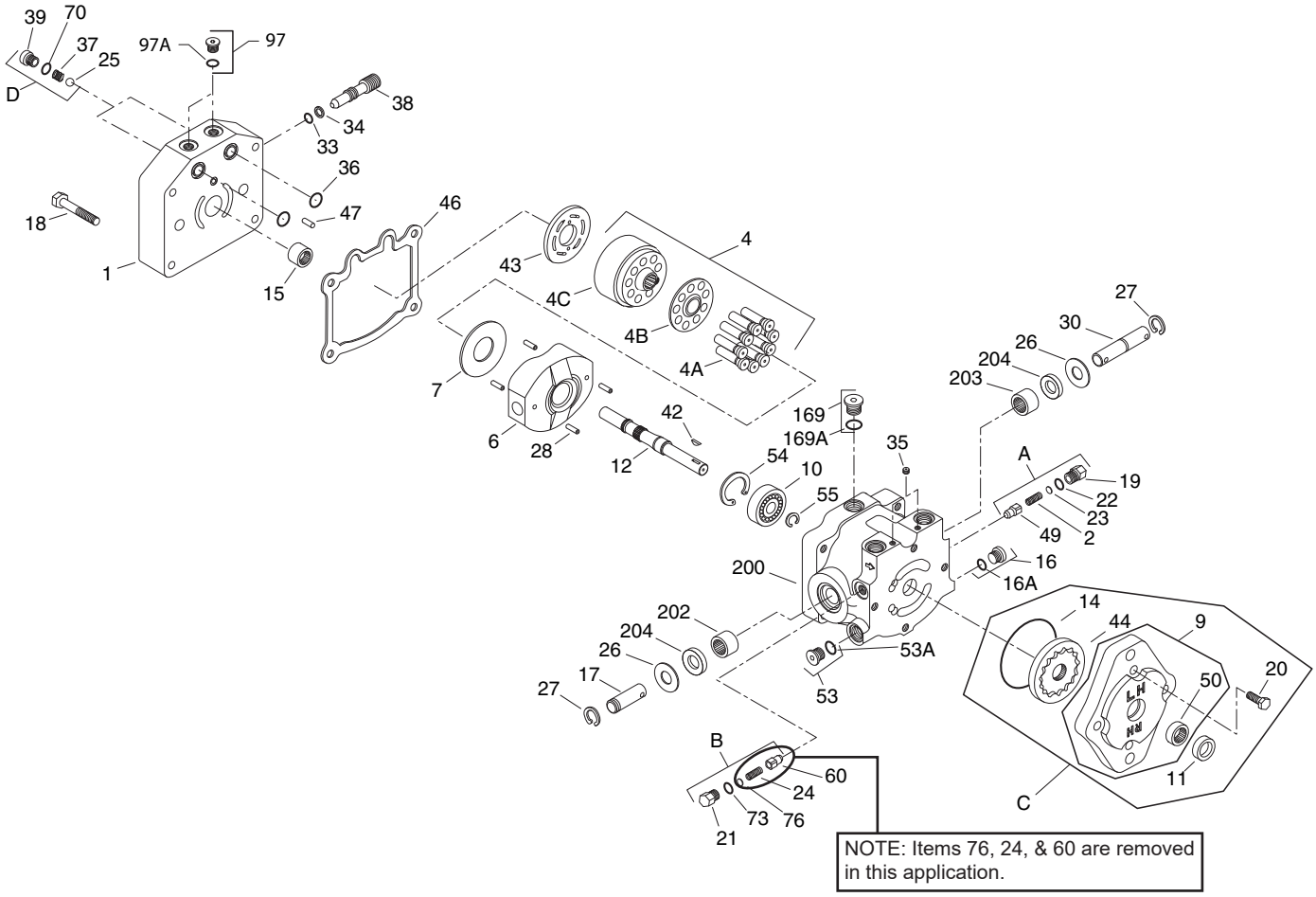


Model 15 Hydraulic Motor (21.0081)

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
8	55.0031	BEARING, BALL-1500 SERIES SUND	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.

ILLUSTRATED DRAWING
Model 15 Hydraulic Pump (21.0080)

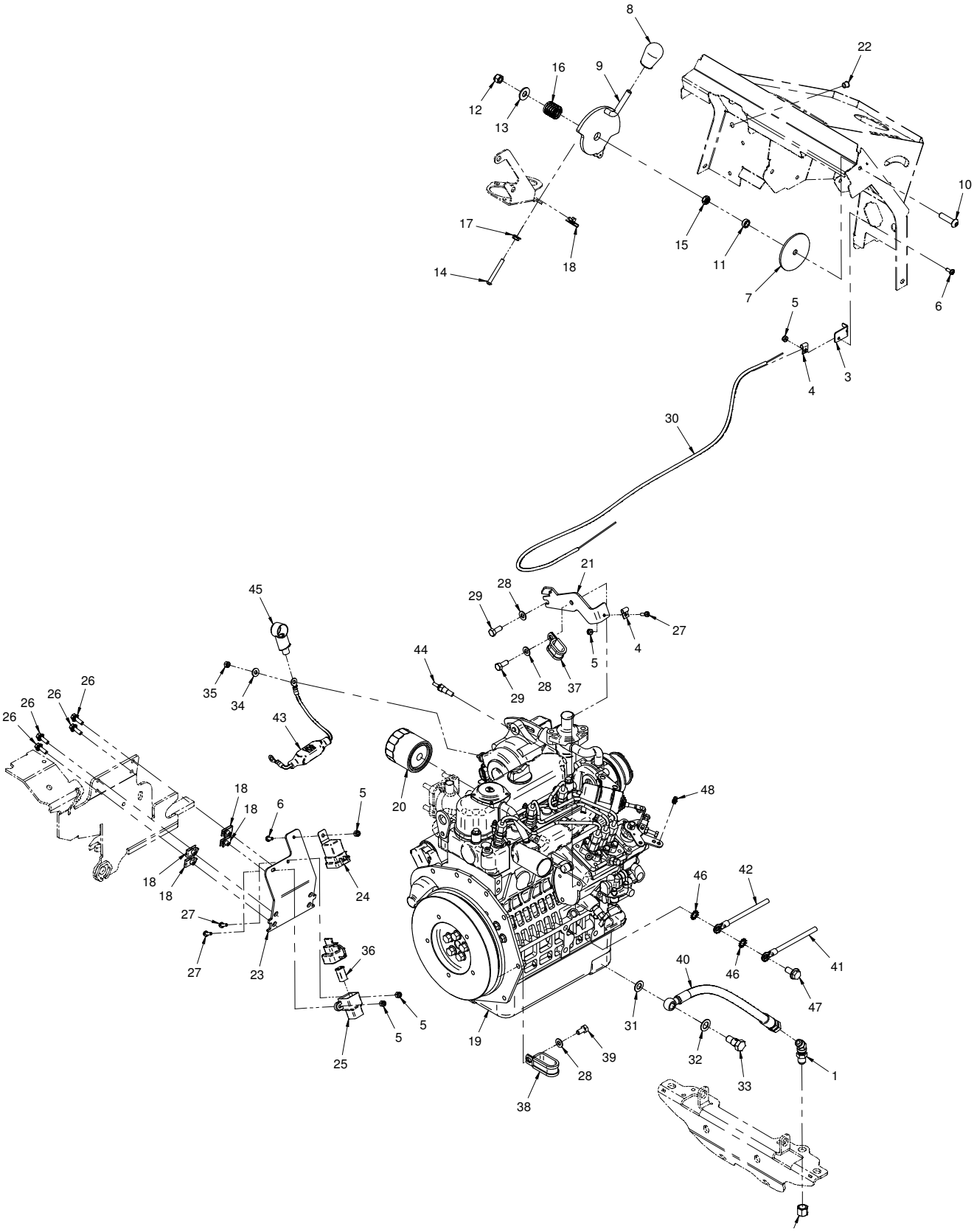


Note: Item 200 includes items 202, 203 and 204

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, 0.103 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

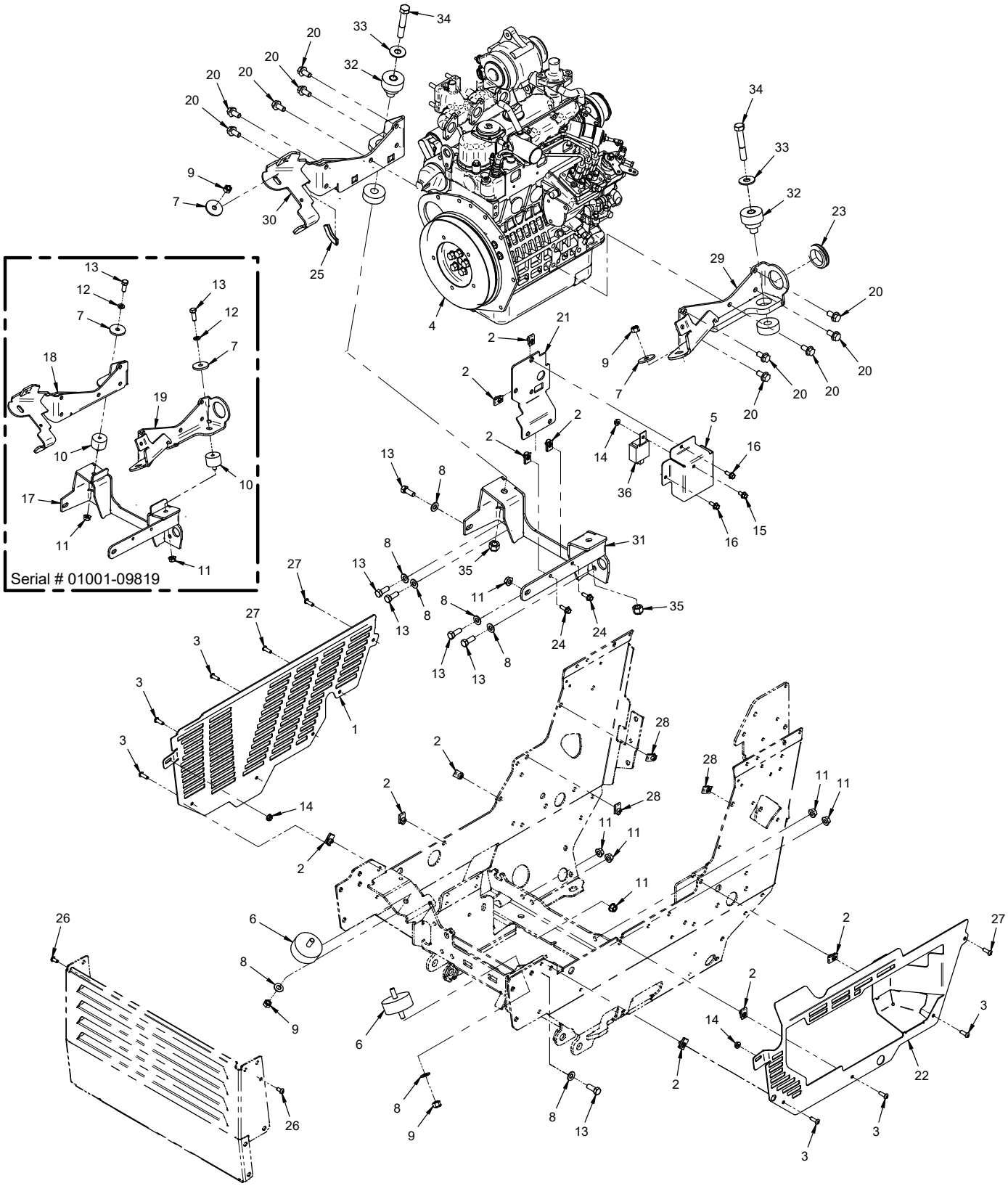
ILLUSTRATED DRAWING
4500Y Kubota Diesel Engine



4500Y Kubota Diesel Engine

REF.	PART NO.	DESCRIPTION	QTY.
1	25.2702-06-06LN	FITTING, BULKHEAD 3/8 W/LN 45	1
2	25.304-C-06	FITTING, CAP 3/8 #6 JIC	1
3	64.1700	BRACKET, CABLE END	1
4	45.0050	CLAMP, CABLE.	2
5	99.A1032N	LOCKNUT, NYLON 10-32 STAINLESS	5
6	99.K0062	MACHINE SCREW, #10-32 X 1/2.	2
7	05.0013	WASHER, FRIC. 3 OD X 13/32 ID	1
8	47.0001	KNOB, SM. #80 3/8-16 THREAD	1
9	40.0377	LEVER, THROTTLE	1
10	99.0614	BOLT, 3/8-16 X 1-3/4 BSCS	1
11	64.0602	BUSHING, 3/8 X 5/8 X .265	1
12	99.A06N	LOCKNUT, NYLON 3/8-16 USS	1
13	94.06	WASHER, FLAT 3/8 USS	1
14	99.0416	BOLT, 1/4-20 X 2 BSCS	1
15	99.E0113	NUT, JAM 3/8-16 NYLON LOCK GR8	1
16	41.0107	SPRING, COMP. .970" OD X 1" LG	1
17	99.SF04	NUT, SRF 1/4-20 USS.	1
18	99.E0046	NUT, "U" 1/4-20 EXTRUDED	5
19	13.0242	ENGINE, KUBOTA 25 HP DSL LC	1
20	13.0267	FILTER, ENGINE OIL KUBOTA	1
21	64.1692	BRACKET, THROTTLE CABLE	1
22	05.0087	PLUG, 3/8" HOLE, BLACK	1
23	64.1693	BRACKET, FUSE HOLDER	1
24	35.0122	RELAY, 12V 20/40A MINI SEALED	1
25	30.0402	FUSE HOLDER, 50A J CASE	1
26	99.SF0406	BOLT, SRF 1/4-20 X 3/4	4
27	99.K0071	MACHINE SCREW, #10-32 X 5/8.	3
28	95.05	WASHER, FLAT 5/16 SAE	3
29	99.M0005	BOLT, M8 X 1.25 P X 20MM LONG	2
30	47.0322	CABLE, THROTTLE KN	1
31	99.B0108	WASHER, SEALING 12MM COPPER.	1
32	99.B0106	WASHER, SEALING 14MM COPPER.	1
33	14.0051	BOLT, BANJO M12 X 1.25	1
34	95.04	WASHER, FLAT 1/4 SAE	1
35	99.M0031	NUT, M6 X 1.0MM	1
36	30.0374	FUSE, 50A J-CASE ORANGE	1
37	11.0046	CLAMP, CUSHIONED METAL 1/2"	1
38	11.0071	CLAMP, CUSHIONED METAL 3/4"	1
39	99.M0014	BOLT, M8 X 1.25 X 16MM	1
40	22.0062	HOSE, 3/8X13.50 PLK 250 PSI CPE	1
41	32.0103	CABLE, ASM NEG 4GA	1
42	32.0112	CABLE, ASM NEG 4GA	1
43	30.0451	FUSE, 80 AMP FUSE LINK	1
44	13.0286	SENDING UNIT, TEMPERATURE (Serial # 01001-02476).	1
44	13.0309	SENDING UNIT, TEMPERATURE (Serial # 02477-).	1
45	30.0321	INSULATOR, ALTERNATOR POST	1
46	99.G0004	WASHER, STAR-EXTERNAL 3/8	2
47	99.M0028	BOLT, M10-1.25 X 20MM FLANGE	1
48	47.0234	THROTTLE CONTROL, WIRE SWIVEL	1

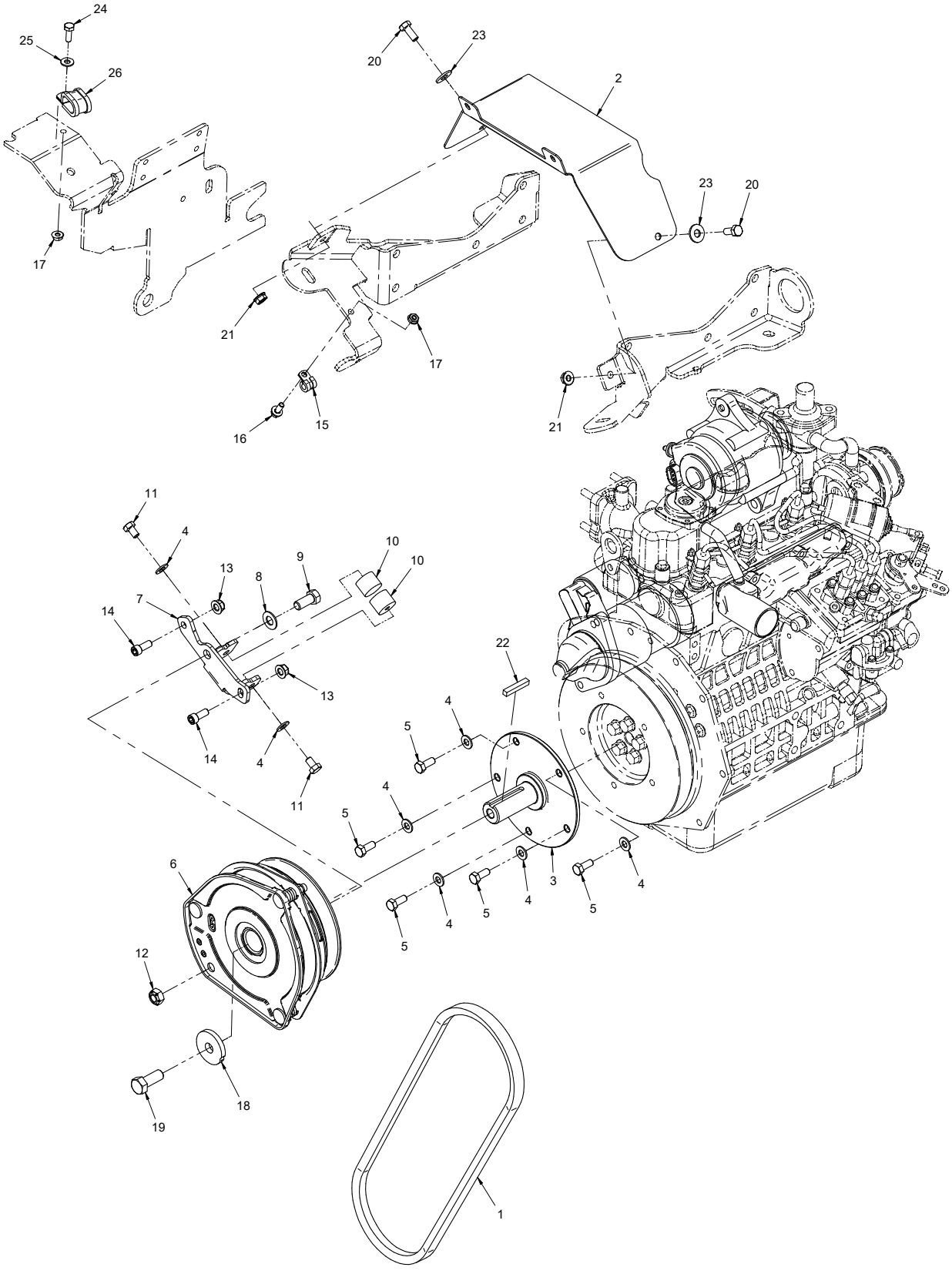
ILLUSTRATED DRAWING
4500Y Kubota Diesel Engine Mount



4500Y Kubota Diesel Engine Mount

REF.	PART NO.	DESCRIPTION	QTY.
1	60.1208	COVER, ENGINE RIGHT 4500	1
2	99.E0046	NUT, “U” 1/4-20 EXTRUDED	10
3	99.0406	BOLT, 1/4-20 X 3/4 BSCS	6
4	13.0242	ENGINE, KUBOTA 25 HP DSL LC	1
5	60.1165	COVER, KUBOTA TIMER	1
6	05.0088	ISOLATOR, 3/8-16 X 2.5 OD X 1”	2
7	99.B0076	WASHER, .185 X 13/32 ID X 1-5/8	4
8	95.06	WASHER, FLAT 3/8 SAE	8
9	99.A06N	LOCKNUT, NYLON 3/8-16 USS	4
10	70.8194	KIT, ENGINE MOUNT & ISOLATOR UPDATE (Serial # 01001-09819)	2
11	99.SF06	NUT, SRF 3/8-16 USS	8
12	96.06	WASHER, LOCK 3/8 (Serial # 01001-09819)	2
13	90.0608	BOLT, 3/8-16 USS X 1	8
14	99.SF04	NUT, SRF 1/4-20 USS	3
15	99.SF0404-1	BOLT, SMF 1/4-20 X 1/2	1
16	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	2
17	70.8194	KIT, ENGINE MOUNT & ISOLATOR UPDATE (Serial # 01001-09819)	1
18	70.8194	KIT, ENGINE MOUNT & ISOLATOR UPDATE (Serial # 01001-09819)	1
19	70.8194	KIT, ENGINE MOUNT & ISOLATOR UPDATE (Serial # 01001-09819)	1
20	99.M0028	BOLT, M10-1.25 X 20MM FLANGE	10
21	64.1685	BRACKET, ENGINE ELECTRICAL	1
22	60.1209	COVER, ENGINE LEFT 4500Y	1
23	05.0036	GROMMET, 1 1/2ID,2 1/8OD,9/16T	1
24	99.SF0406	BOLT, SRF 1/4-20 X 3/4	2
25	06.0050-2IN	TRIM, TRIM LOC 1/2 X 3/16 X 2”	1
26	99.0404	BOLT, 1/4-20 X 1/2 BSCS	2
27	99.0404	BOLT, 1/4-20 X 1/2 BSCS (SERIAL # 01001-03966)	3
27	99.0406	BOLT, 1/4-20 X 3/4 BSCS (SERIAL # 03967-)	3
28	99.SF04	NUT, SRF 1/4-20 USS (SERIAL # 01001-03966)	3
28	99.E0046	NUT, “U” 1/4-20 EXTRUDED (SERIAL # 03967-)	3
29	64.2005	MOUNT, ENGINE KUBOTA LEFT (Serial # 09820-)	1
30	64.2006	MOUNT, ENGINE KUBOTA RIGHT (Serial # 09820-)	1
31	64.2007	MOUNT, ENGINE KUBOTA REAR (Serial # 09820-)	1
32	05.0183	ISOLATOR, 1/2IDX1.88ODX2 PIECE (Serial # 09820-)	2
33	94.08	WASHER, FLAT 1/2 USS (Serial # 09820-)	2
34	90.0824	BOLT, 1/2-13 USS X 3 (Serial # 09820-)	2
35	99.A08N	LOCKNUT, NYLON 1/2-13 USS (Serial # 09820-)	2
36	13.1J321-60242	TIMER, KEY STOP	1

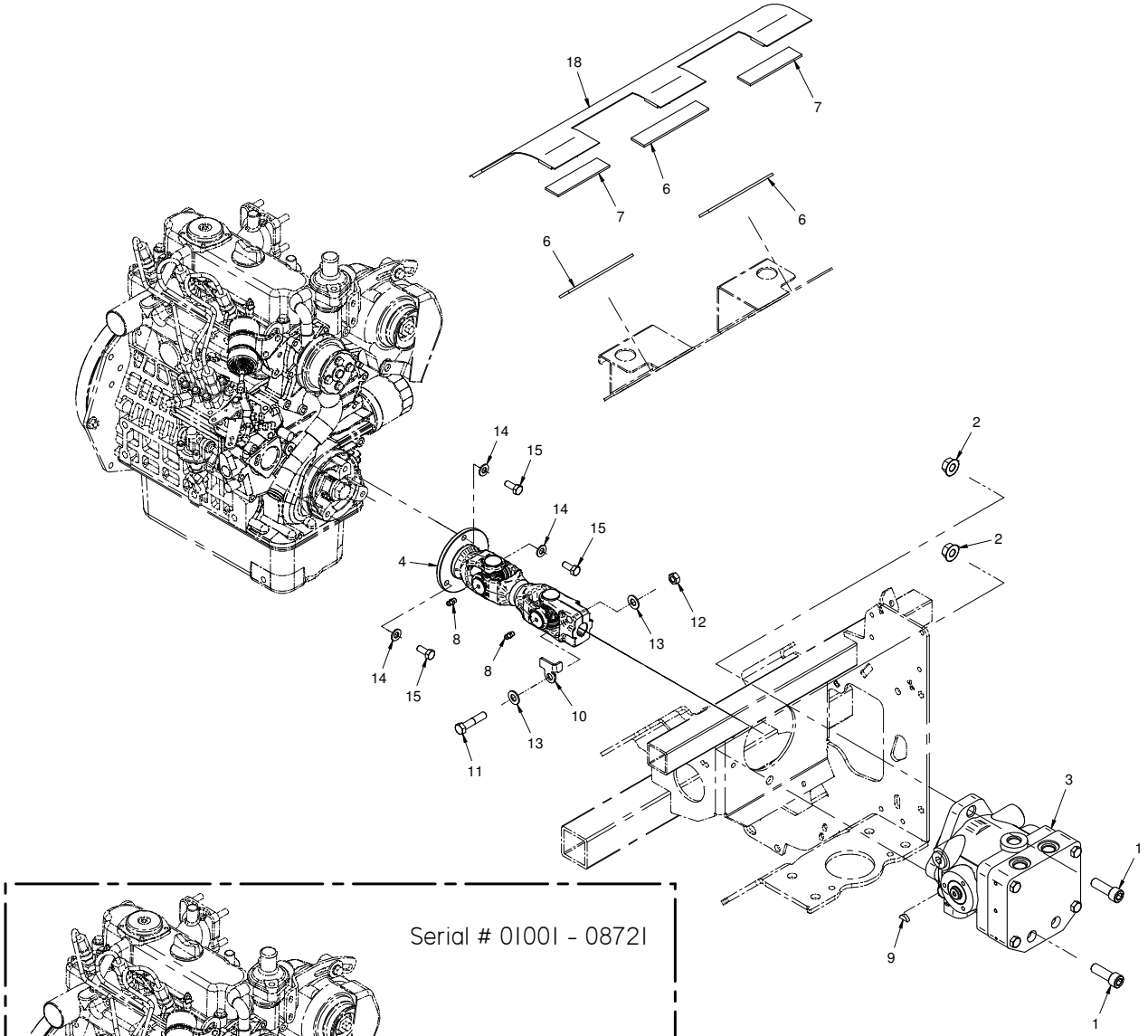
ILLUSTRATED DRAWING
4500Y Kubota Diesel PTO Clutch

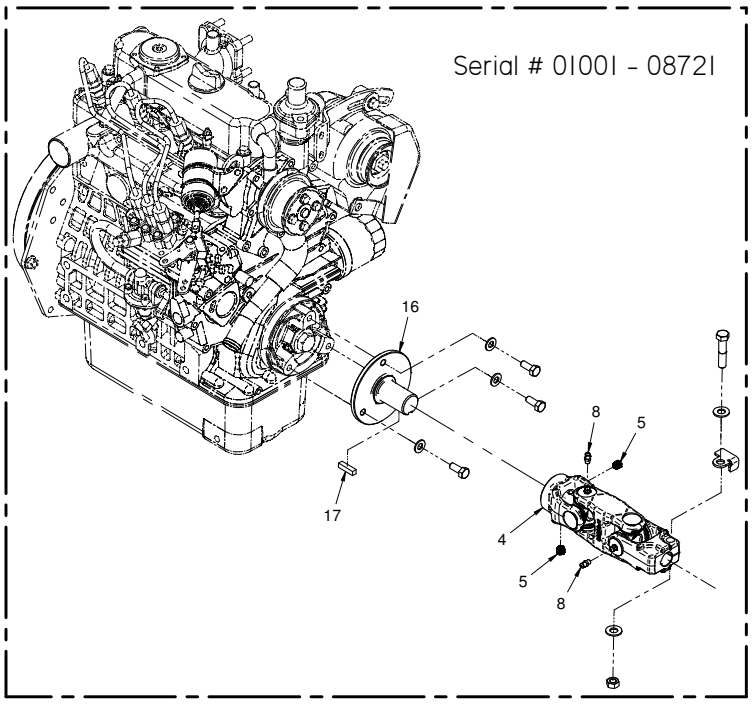


4500Y Kubota Diesel PTO Clutch

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

ILLUSTRATED DRAWING
4500Y Kubota Diesel Drive Shaft & Pump

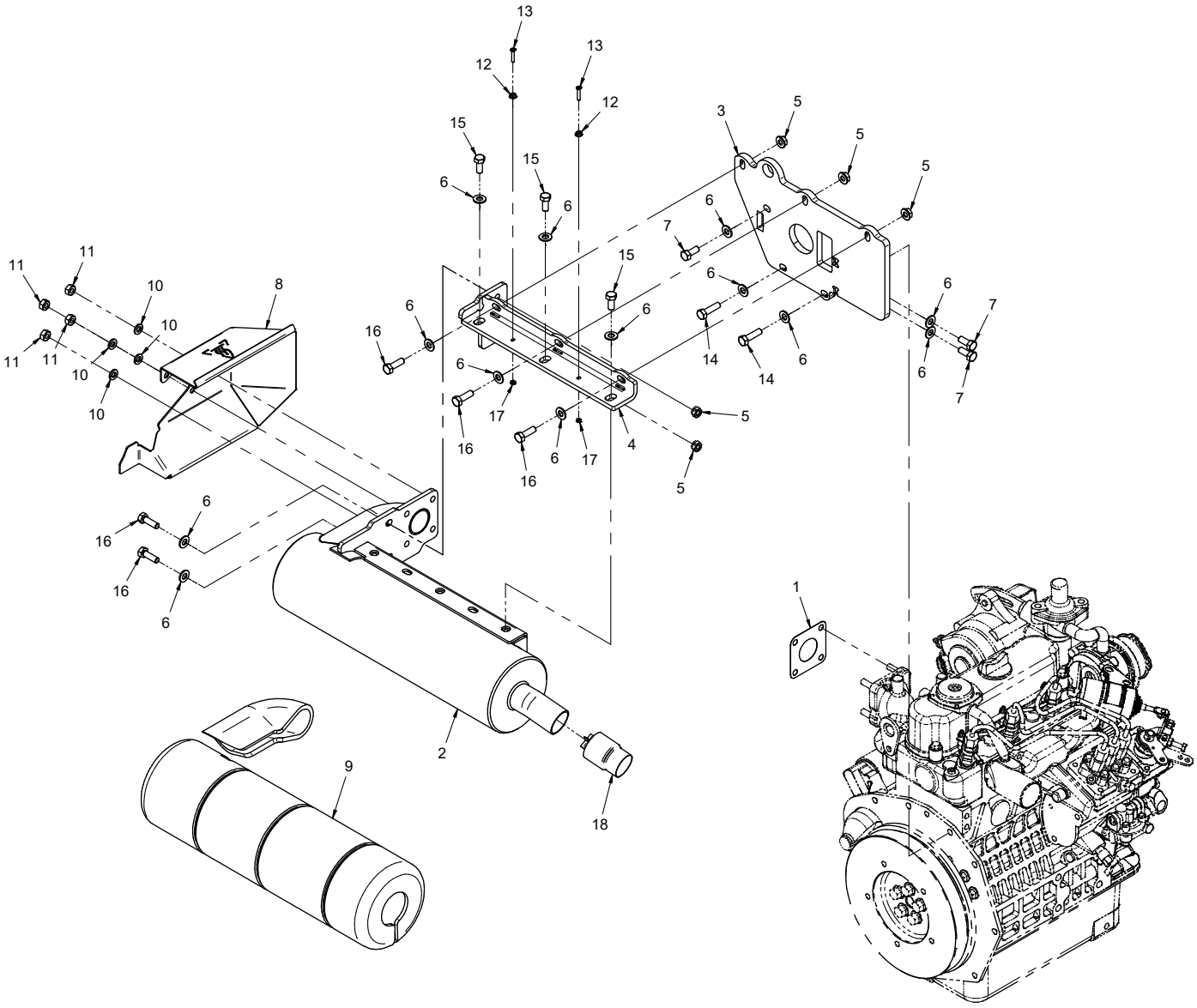




4500Y Kubota Diesel Drive Shaft & Pump

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	21.0080	PUMP, HYD. CCW 1000 PSI	1
4	87.0232	U-JOINT, 4500 (Serial # 01001-08721)	1
4	87.0231	U-JOINT, KUBOTA KN (Serial # 08722-)	1
5	85.SS21	SET SCREW, 3/8-16 X 3/8 (Serial # 01001-08721)	2
6	06.0065-5IN	VELCRO, LOOP 1” BLACK X 5”	3
7	06.0065-4IN	VELCRO, LOOP 1” BLACK X 4”	2
8	29.GF0001	GREASE FTG, 1/4 SAE ST	2
9	85.W0305	KEY, WOODRUFF 3/16” X 5/8”	1
10	64.1654	PLATE, DRIVESHAFT TACH TRIGGER	1
11	90.0614	BOLT, 3/8-16 USS X 1-3/4	1
12	99.A06	LOCKNUT, STOVER 3/8-16 USS	1
13	95.06	WASHER, FLAT 3/8 SAE	2
14	95.05	WASHER, FLAT 5/16 SAE	3
15	99.M0005	BOLT, M8 X 1.25 P X 20MM LONG	3
16	13.0258	STUB SHAFT, PUMP DRIVE KUB (Serial # 01001-08721)	1
17	85.K0408	KEY, 1/4 X 1 (Serial # 01001-08721)	1
18	44.0322	CANVAS, DEBRIS BARRIER	1

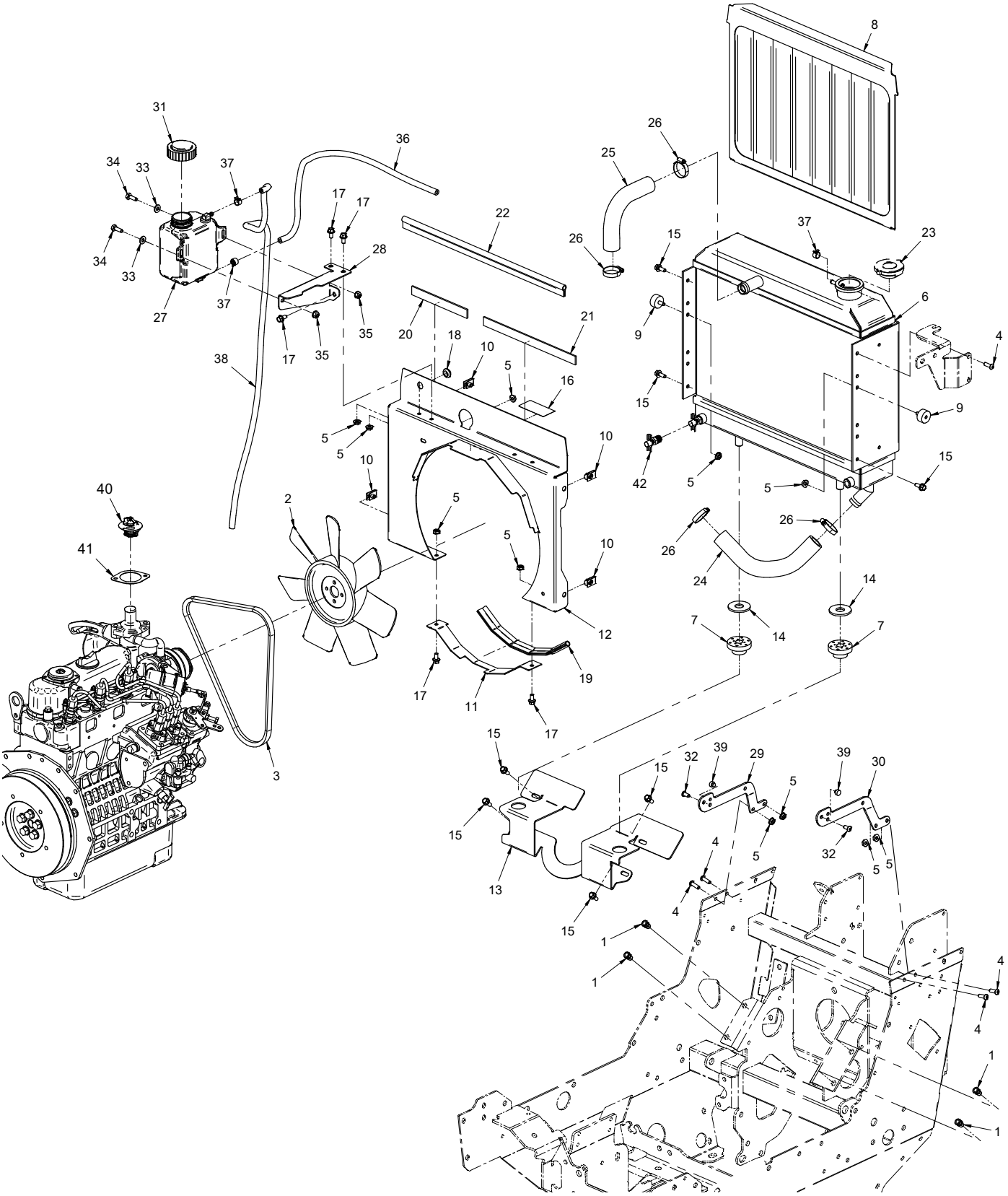
ILLUSTRATED DRAWING
4500Y Kubota Diesel Muffler



4500Y Kubota Diesel Muffler

REF.	PART NO.	DESCRIPTION	QTY.
1	13.15263-12371	GASKET, MUFFLER	1
2	13.0243	MUFFLER, KUBOTA 25 HP DSL	1
3	64.1743	MOUNT, MUFFLER	1
4	64.1744	BRACKET, MUFFLER MOUNT	1
5	99.SF05	NUT, SRF 5/16-18 USS	5
6	95.05	WASHER, FLAT 5/16 SAE	13
7	99.M0005	BOLT, M8 X 1.25 P X 20MM LONG	3
8	60.1164-1	SHIELD, EX MANIFLD W/HEAT TAPE	1
9	44.0316	INSULATION, MUFFLER 13.0243	1
10	96.05	WASHER, LOCK 5/16	4
11	99.M0008	NUT, M8 X 1.25MM ZP	4
12	04.0020	SNAP, STUD 3/8 X 9/16 SS	2
13	04.0032	RIVET, POP 1/8” X 1/2” (Serial # 01001-02571)	2
13	99.K0060	MACHINE SCREW, #6-32 X 3/4 (Serial # 02572)	2
14	99.M0032	BOLT, M8 X 1.25 X 30MM	2
15	90.0506	BOLT, 5/16-18 USS X 3/4”	3
16	90.0508	BOLT, 5/16-18 USS X 1”	5
17	99.E0085	LOCKNUT, NYLON #6-32 (Serial # 02572)	2
18	13.0307	TUBE, SPARK ARRESTOR 1.5”	1

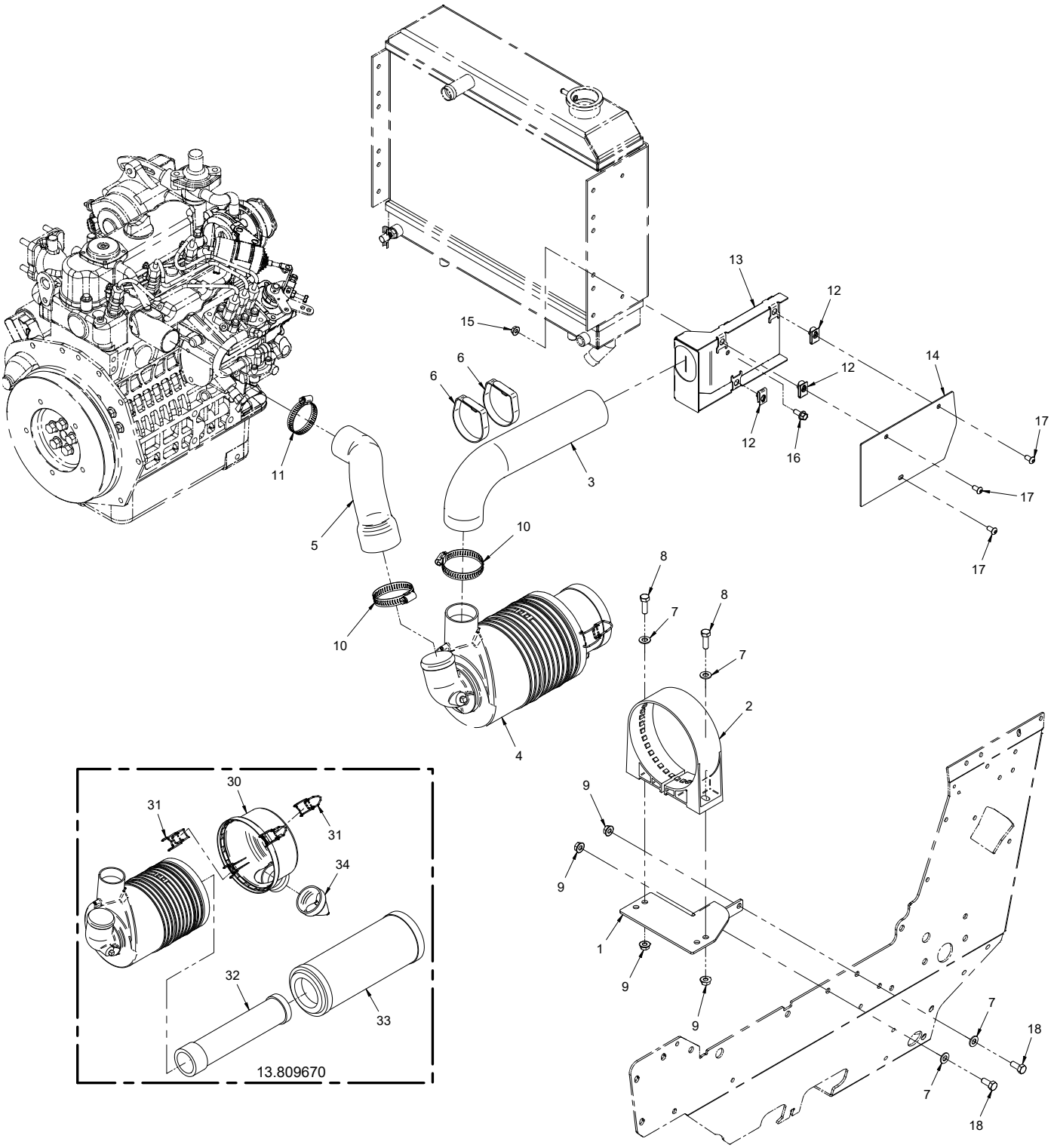
ILLUSTRATED DRAWING
4500Y Kubota Diesel Cooling System



4500Y Kubota Diesel Cooling System

REF.	PART NO.	DESCRIPTION	QTY.
1	99.E0105	NUT, INSERT 1/4-20 HEX	4
2	13.17525-74111	FAN, COOLING 310MM SUCTION	1
3	13.17472-97010	V BELT, FM35.0 IN	1
4	99.0406	BOLT, 1/4-20 X 3/4 BSCS	5
5	99.SF04	NUT, SRF 1/4-20 USS	11
6	47.0302	RADIATOR, KN KUBOTA (includes cap)	1
7	05.0107	ISOLATOR, 9/16 ID X 1-29/32 OD	2
8	64.1620	SCREEN, RADIATOR - 47.0302	1
9	05.0135	ISOLATOR, 1/4-20 X 1/2 X 1” F/M	2
10	99.E0046	NUT, “U” 1/4-20 EXTRUDED	4
11	64.1622	BRACKET, RADIATOR SHROUD	1
12	60.1139	SHROUD, RADIATOR - 47.0302	1
13	64.1621	BRACKET, RADIATOR MOUNT BOTTOM	1
14	94.10	WASHER, FLAT 5/8 USS	2
15	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	7
16	00.0341	DECAL, WARNING FAN (Serial # 01001-14497)	1
16	00.0638	DECAL, FAN BLADE HAZARD (Serial # 14498-)	1
17	99.SF0404-1	BOLT, SMF 1/4-20 X 1/2	5
18	05.0136	GROMMET, 7/16ID, 3/4OD, 1/4THK	1
19	06.0043-10IN	TRIM, TRIM SEAL W/ BULB X 10”	1
20	06.0045-6IN	WEATHERSTRIP, 1/8 X 3/4 X 6”	1
21	06.0045-10IN	WEATHERSTRIP, 1/8 X 3/4 X 10”	1
22	06.0043-17.5IN	TRIM, TRIM SEAL W/ BULB X 17-1/2”	1
23	47.0334	CAP, RADIATOR 14#	1
24	13.0263	HOSE, RADIATOR LOWER KUBOTA	1
25	13.0262	HOSE, RADIATOR UPPER KUBOTA	1
26	11.0052	CLAMP, HOSE SS 13/16 X 1-1/2	4
27	47.0317	TANK, COOLANT RECOVER	1
28	64.1640	BRACKET, COOLANT RECOVERY TANK	1
29	64.1629	BRACKET, RADIATOR MOUNT RIGHT	1
30	64.1642	BRACKET, RADIATOR MOUNT LEFT	1
31	47.0319	CAP, COOLANT RECOVERY TANK	1
32	99.0404	BOLT, 1/4-20 X 1/2 BSCS	2
33	95.04	WASHER, FLAT 1/4 SAE	2
34	90.0406	BOLT, 1/4-20 USS X 3/4”	2
35	99.E0101	NUT, LOCKING FLANGE 1/4-20	2
36	27.A04-21IN	HOSE, NEOP BLACK 1/4 X 7/16 X 21”	1
37	11.0049	CLAMP, HOSE BAND 1/2” OD HOSE	3
38	27.A04-36IN	HOSE, NEOP BLACK 1/4 X 7/16 X 36”	1
39	05.0120	BUMPER, NEOPRENE 10 GA - 1/4	2
40	13.19434-73014	THERMOSTAT, 160A° KUBOTA (Serial # 01001-03761)	1
40	13.15321-73016	THERMOSTAT, 180A° KUBOTA (Serial # 03762-)	1
41	13.16221-73270	GASKET, THERMOSTAT	1
42	47.0488	PETCOCK VALVE, RADIATOR DRAIN	1

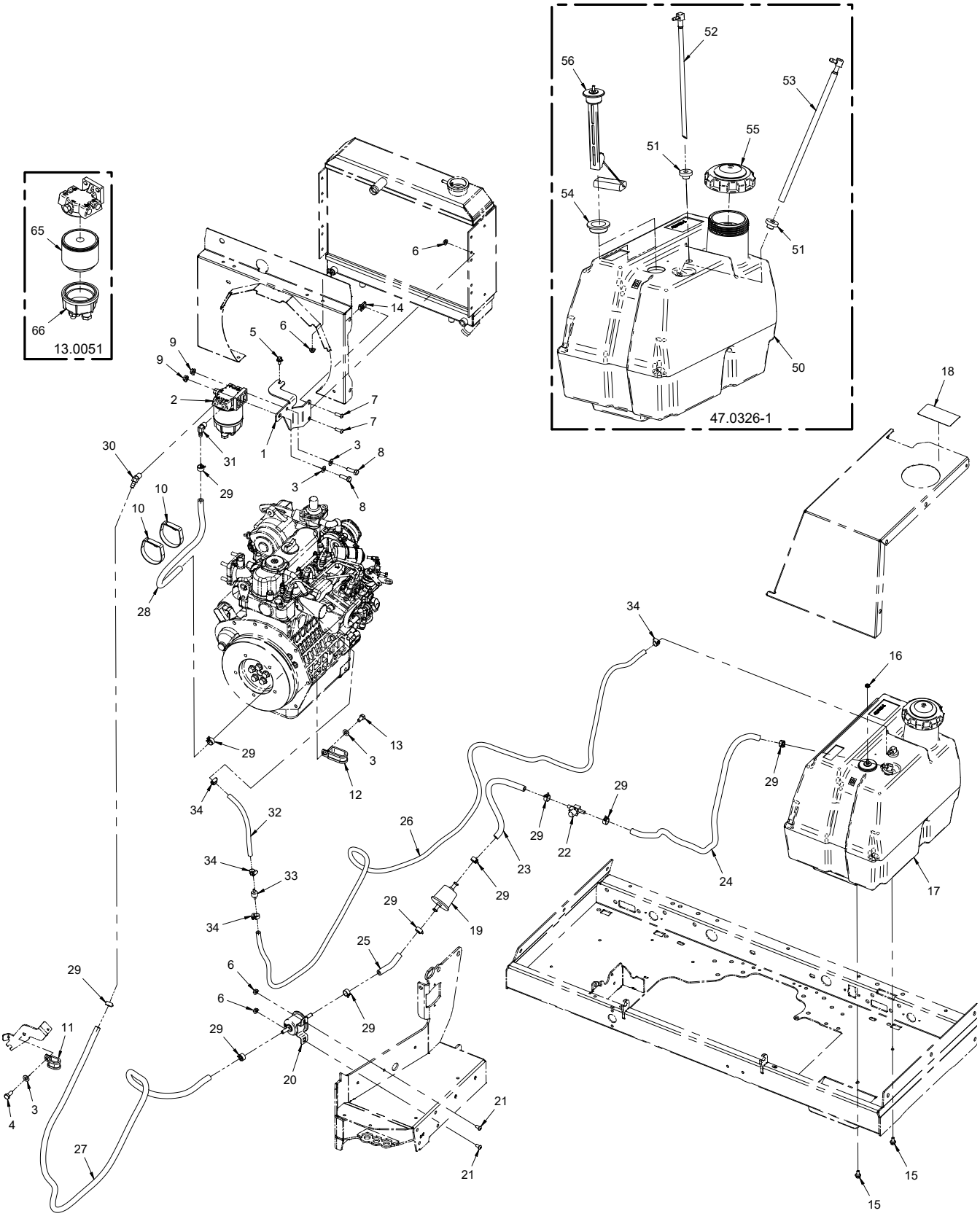
ILLUSTRATED DRAWING
4500Y Kubota Diesel Air Intake



4500Y Kubota Diesel Air Intake

REF.	PART NO.	DESCRIPTION	QTY.
1	64.1643	BRACKET, AIR FILTER MOUNT	1
2	13.0231	CLAMP, AIR FILTER 5” PLASTIC	1
3	14.0026-5	HOSE, AIR CLEANER	1
4	13.809670	CLEANER, AIR ASM.	1
5	13.0274	HOSE, INTAKE 4500Y	1
6	30.0411	VELCRO, CABLE TIE.	2
7	95.05	WASHER, FLAT 5/16 SAE	4
8	90.0508	BOLT, 5/16-18 USS X 1”	2
9	99.SF05	NUT, SRF 5/16-18 USS.	4
10	11.0044	CLAMP, HOSE S/S 1-9/16- 2-1/2	2
11	11.0043	CLAMP, HOSE S/S 1-5/16 - 2-1/4.	1
12	99.E0046.	NUT, “U” 1/4-20 EXTRUDED	3
13	60.1161	BAFFLE, AIR INLET	1
14	60.1162	COVER, AIR INLET	1
15	99.SF04	NUT, SRF 1/4-20 USS.	1
16	99.SF0405-1	BOLT, SMF 1/4-20 X 5/8	1
17	99.0406	BOLT, 1/4-20 X 3/4 BSCS	3
18	90.0506	BOLT, 5/16-18 USS X 3/4”.	2
30	13.533761	CLEANER, AIR ASM - KUBOTA CAP	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

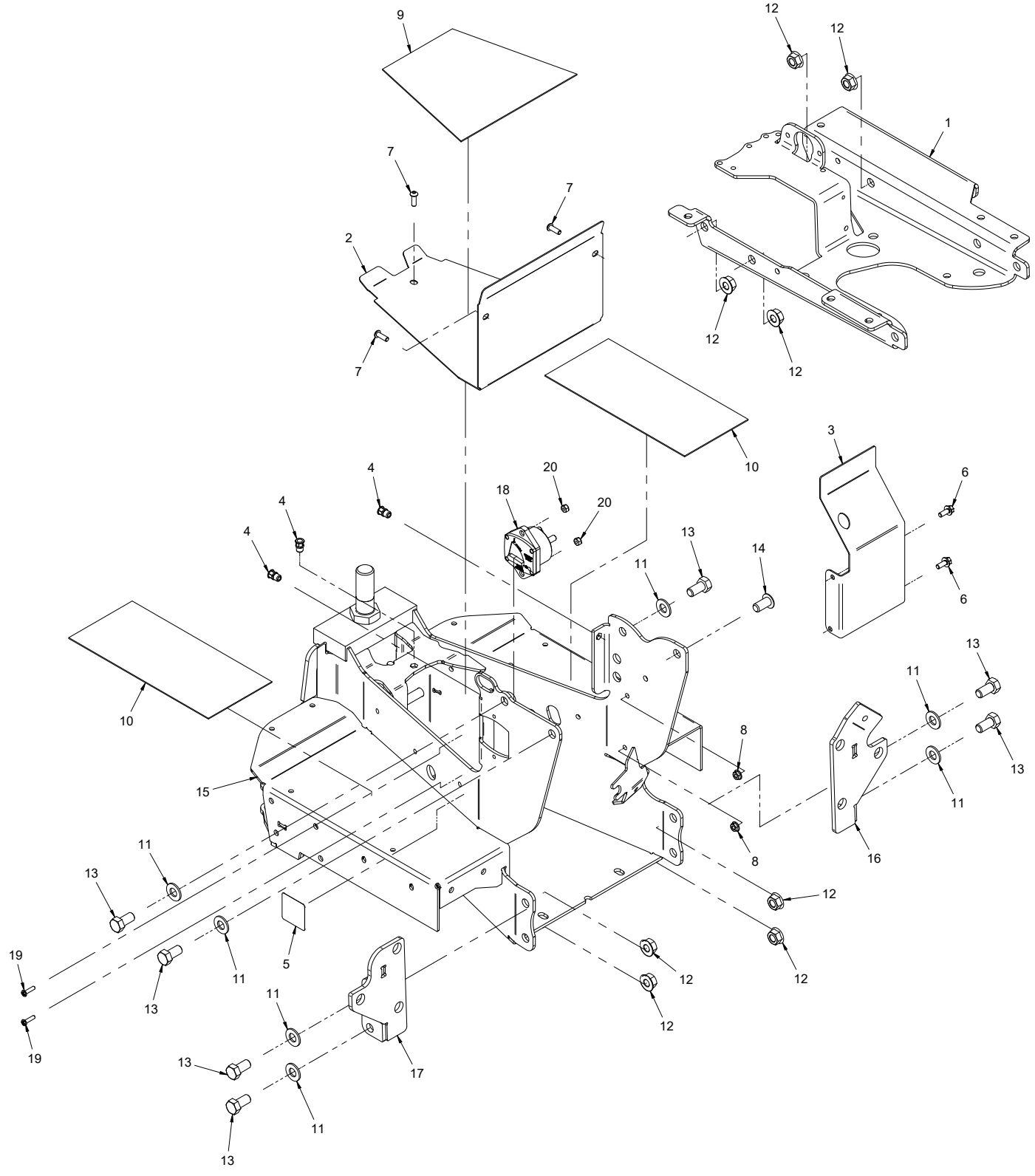
ILLUSTRATED DRAWING
4500Y Kubota Diesel Fuel System



4500Y Kubota Diesel Fuel System

REF.	PART NO.	DESCRIPTION	QTY.
1	64.1687	MOUNT, FUEL FILTER	1
2	13.0051	FILTER, FUEL ASSEMBLY (RACOR)	1
3	95.05	WASHER, FLAT 5/16 SAE	4
4	99.M0005	BOLT, M8 X 1.25 P X 20MM LONG	1
5	99.SF0404	BOLT, SRF 1/4-20 X 1/2	1
6	99.SF04	NUT, SRF 1/4-20 USS	4
7	99.0406	BOLT, 1/4-20 X 3/4 BSCS	2
8	90.0508	BOLT, 5/16-18 USS X 1”	2
9	99.SF05	NUT, SRF 5/16-18 USS	2
10	30.0411	VELCRO, CABLE TIE	2
11	11.0046	CLAMP, CUSHIONED METAL 1/2”	1
12	11.0071	CLAMP, CUSHIONED METAL 3/4”	1
13	99.M0014	BOLT, M8 X 1.25 X 16MM	1
14	99.E0046	NUT, “U” 1/4-20 EXTRUDED	1
15	99.SF0404-1	BOLT, SMF 1/4-20 X 1/2	2
16	99.E0049	NUT, WASHER #10-32 (STAR NUT)	1
17	47.0326-1	TANK, ASM 4500 DIESEL	1
18	00.0333	DECAL, DIESEL ONLY (Serial # 01001-14497)	1
18	00.0637	DECAL, DIESEL SAFETY (Serial # 14498-)	1
19	13.0053	FILTER, FUEL - IN LINE 5/16”	1
20	13.0270	PUMP, FUEL KUB - Y	1
21	99.0404	BOLT, 1/4-20 X 1/2 BSCS	2
22	47.0328	VALVE, FUEL SHUT OFF 5/16”	1
23	27.F05-13.75IN	HOSE, FUEL LINE X 5/16” X 13-3/4”	1
24	27.F05-26IN	HOSE, FUEL LINE X 5/16” X 26”	1
25	27.F05-2.25IN	HOSE, FUEL LINE X 5/16” X 2-1/4”	1
26	27.F03-103IN	HOSE, FUEL LINE X 3/16” X 103”	1
27	27.F05-69IN	HOSE, FUEL LINE X 5/16” X 69”	1
28	27.F05-17IN	HOSE, FUEL LINE X 5/16” X 17”	1
29	11.0048	CLAMP, HOSE BAND 9/16” OD HOSE	10
30	29.BF05MP0445-1	FITTING, 5/16 BARB X 1/4 MP 45	1
31	29.BF05MP0490	FITTING, 5/16 BARB X 1/4 MP 90	1
32	27.F03-8IN	HOSE, FUEL LINE X 3/16” X 8”	1
33	13.1C010-42460	VALVE, FUEL CHECK	1
34	11.0038	CLAMP, HOSES S/S 7/32 - 5/8	4
50	N/A	TANK, FUEL 4500 DIESEL	1
51	05.0133	GROMMET, TANK FITTING	2
52	29.0095	FITTING, TANK 3/16 RETURN	1
53	29.0097	FITTING, TANK 5/16 WITHDRAW	1
54	05.0134	GROMMET, TANK FUEL SENDER	1
55	47.0414	CAP, DIESEL 3-1/2” VENTED	1
56	35.0120	SENDING UNIT, FUEL	1
65	13.0220	FILTER, FUEL ELEMENT	1
66	13.0051-1	BOWL, FILTER W/DRAIN & PLUG	1

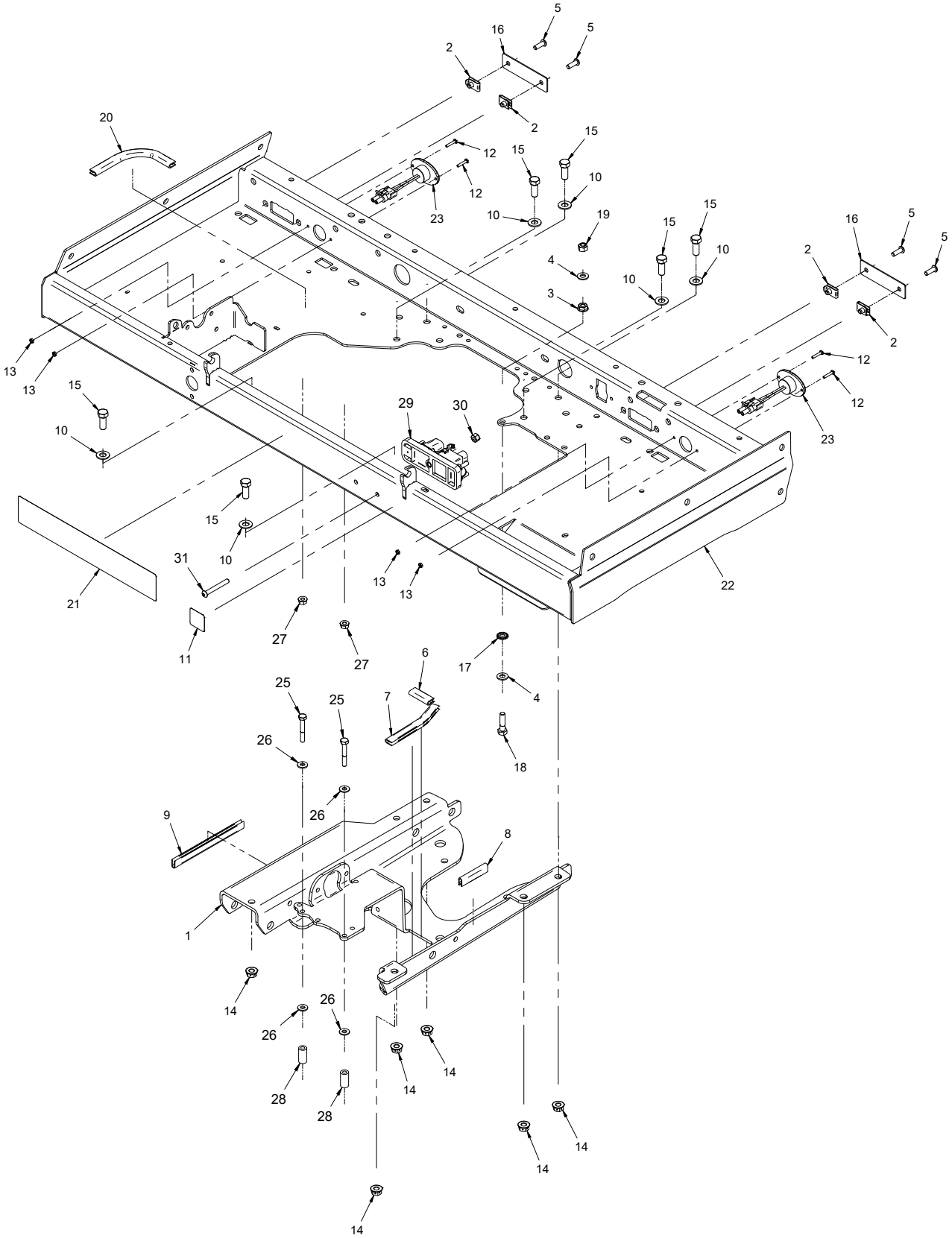
ILLUSTRATED DRAWING
Lower Rear Frame



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

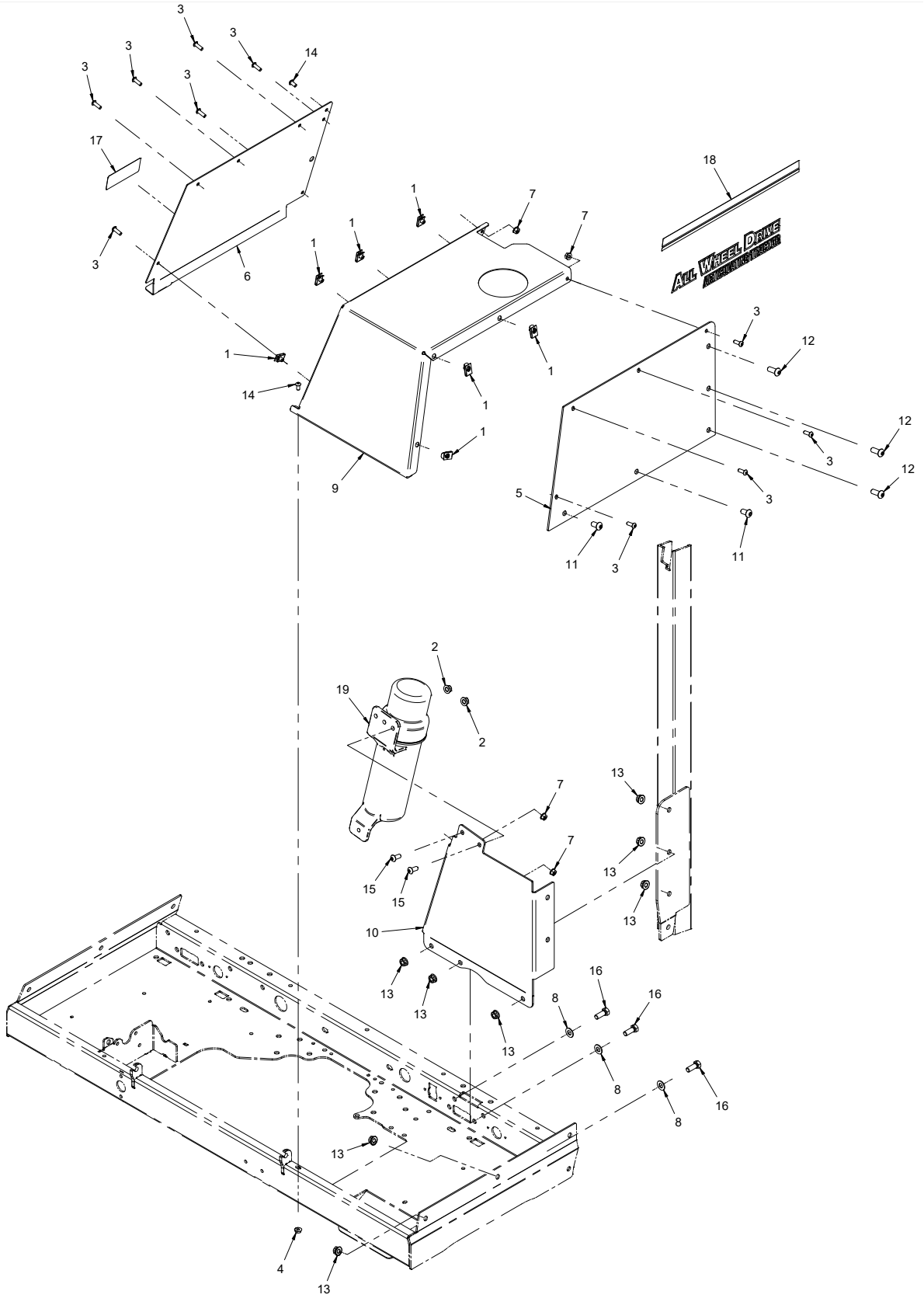
ILLUSTRATED DRAWING
Seat Box & Upper Rear Frame



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

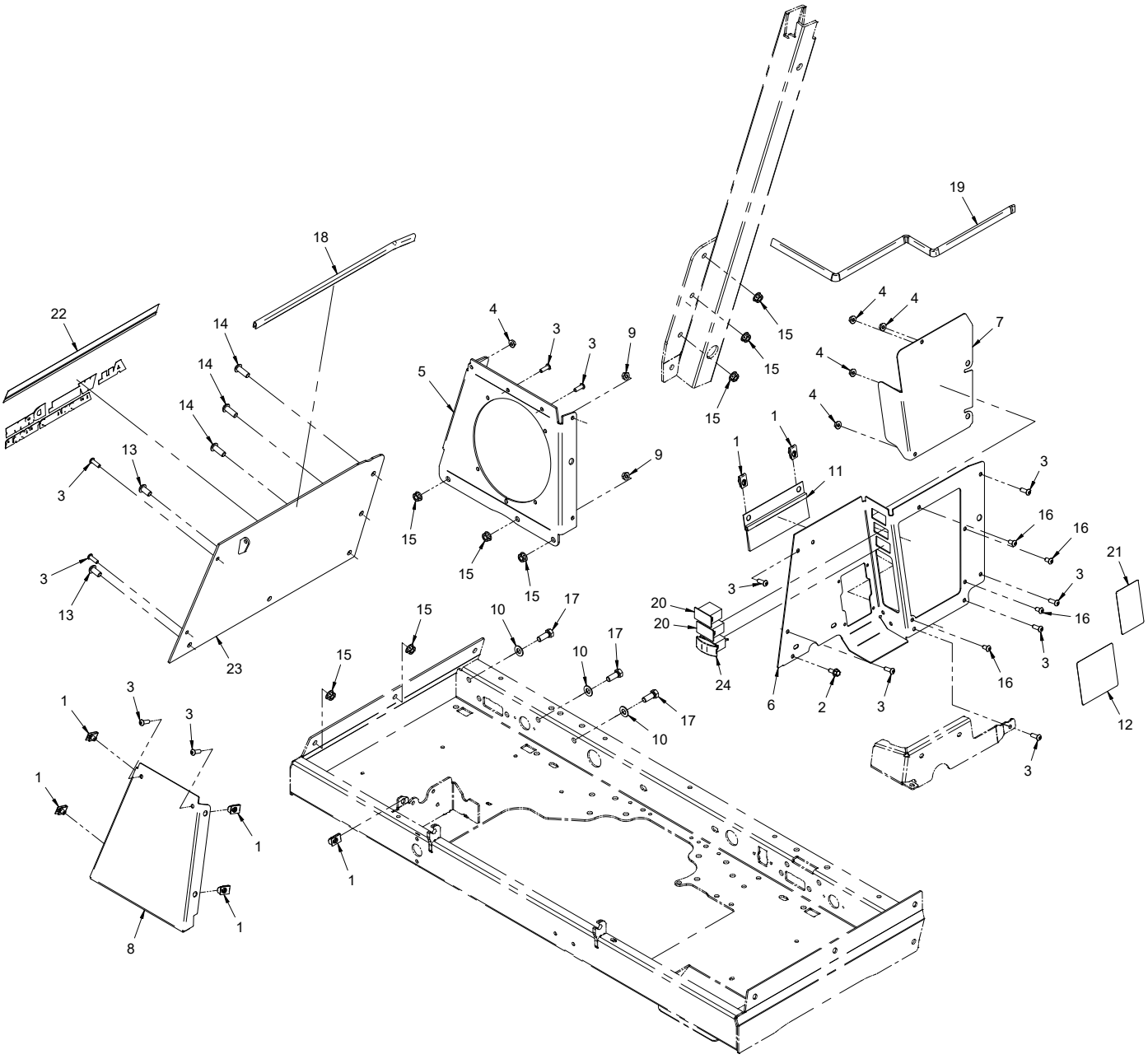
ILLUSTRATED DRAWING
Left Seat Box Panels



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

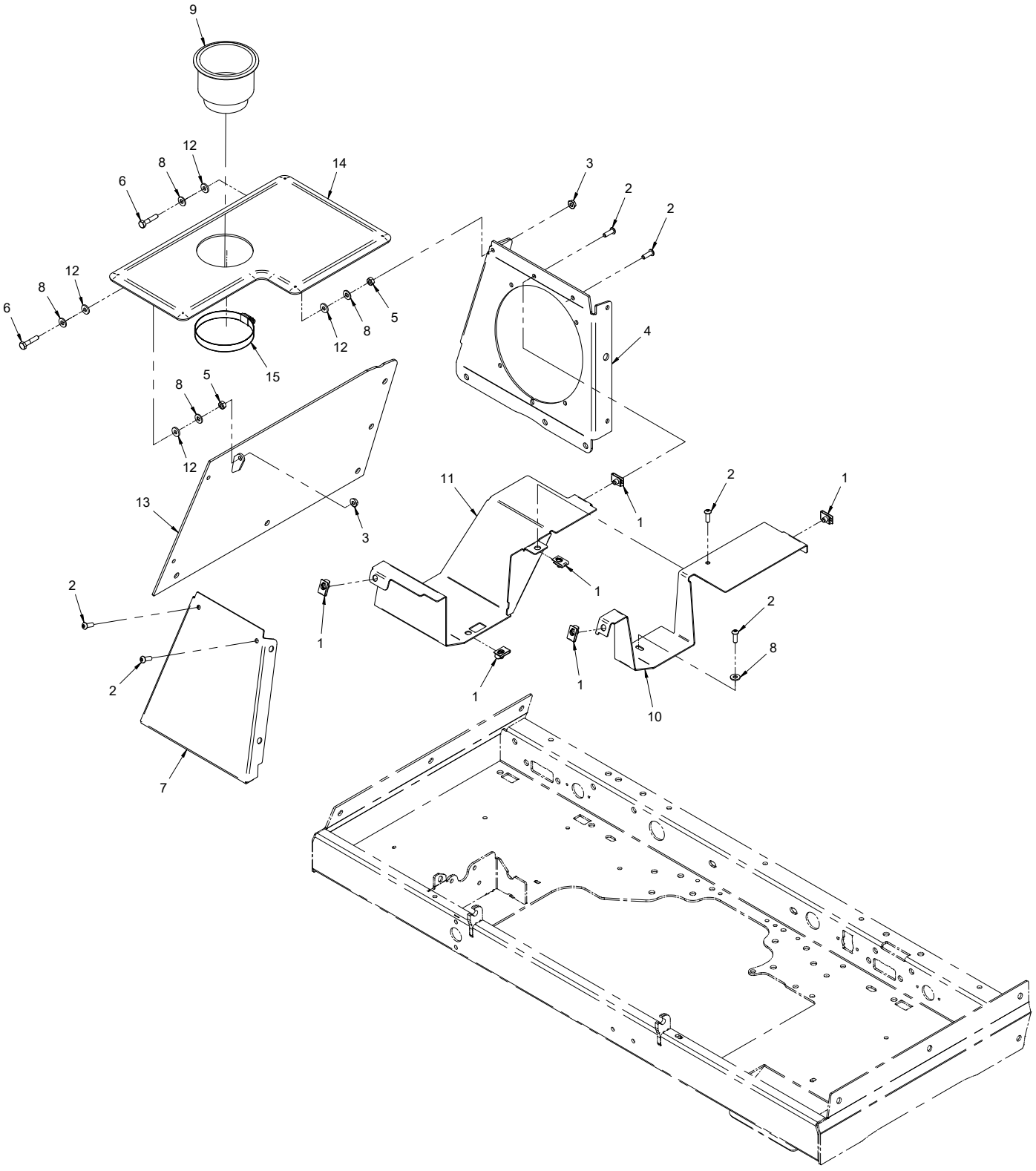
ILLUSTRATED DRAWING
Right Seat Box Panels



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

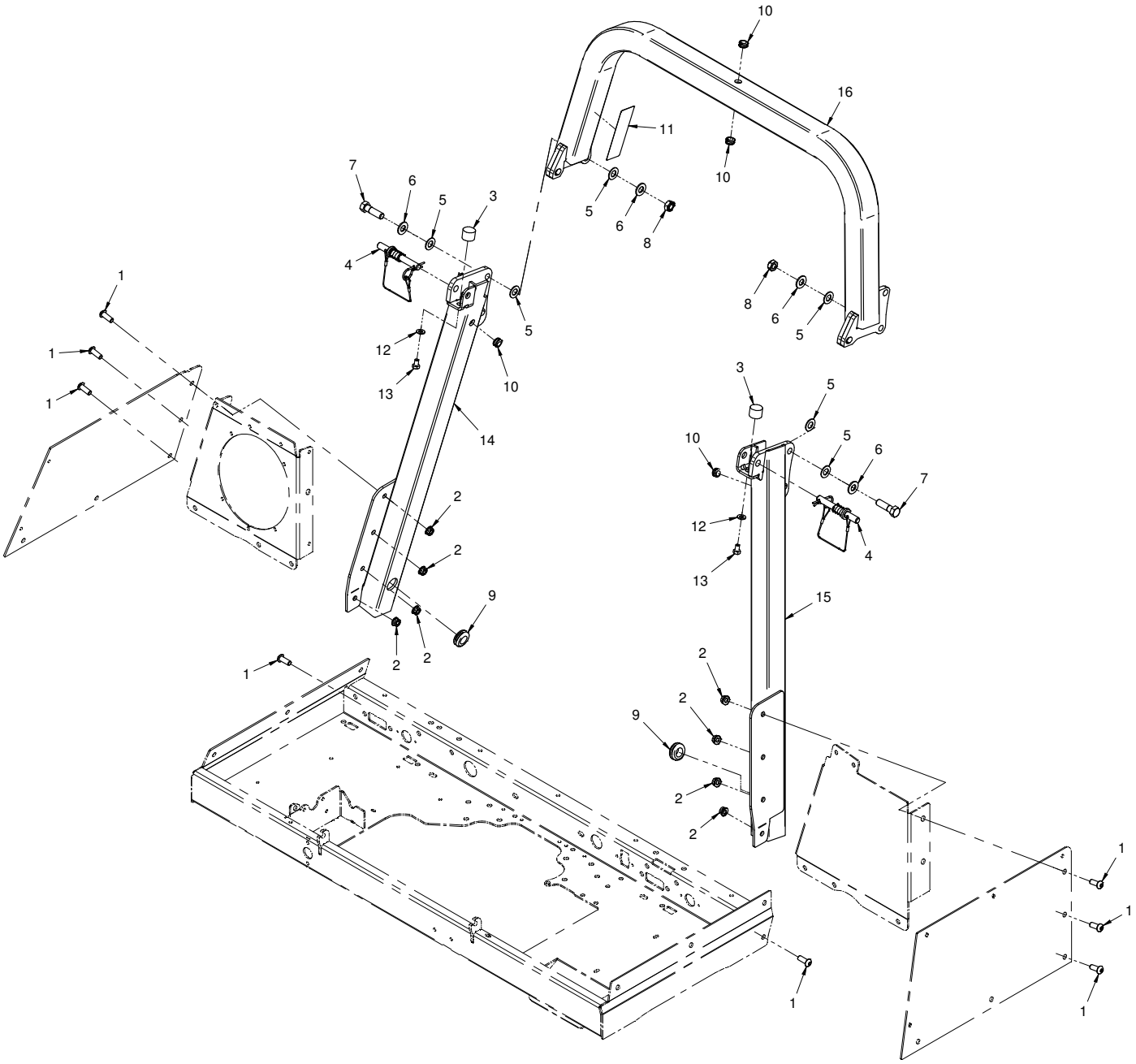
ILLUSTRATED DRAWING
Tool Box Lid & Liner Panels



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

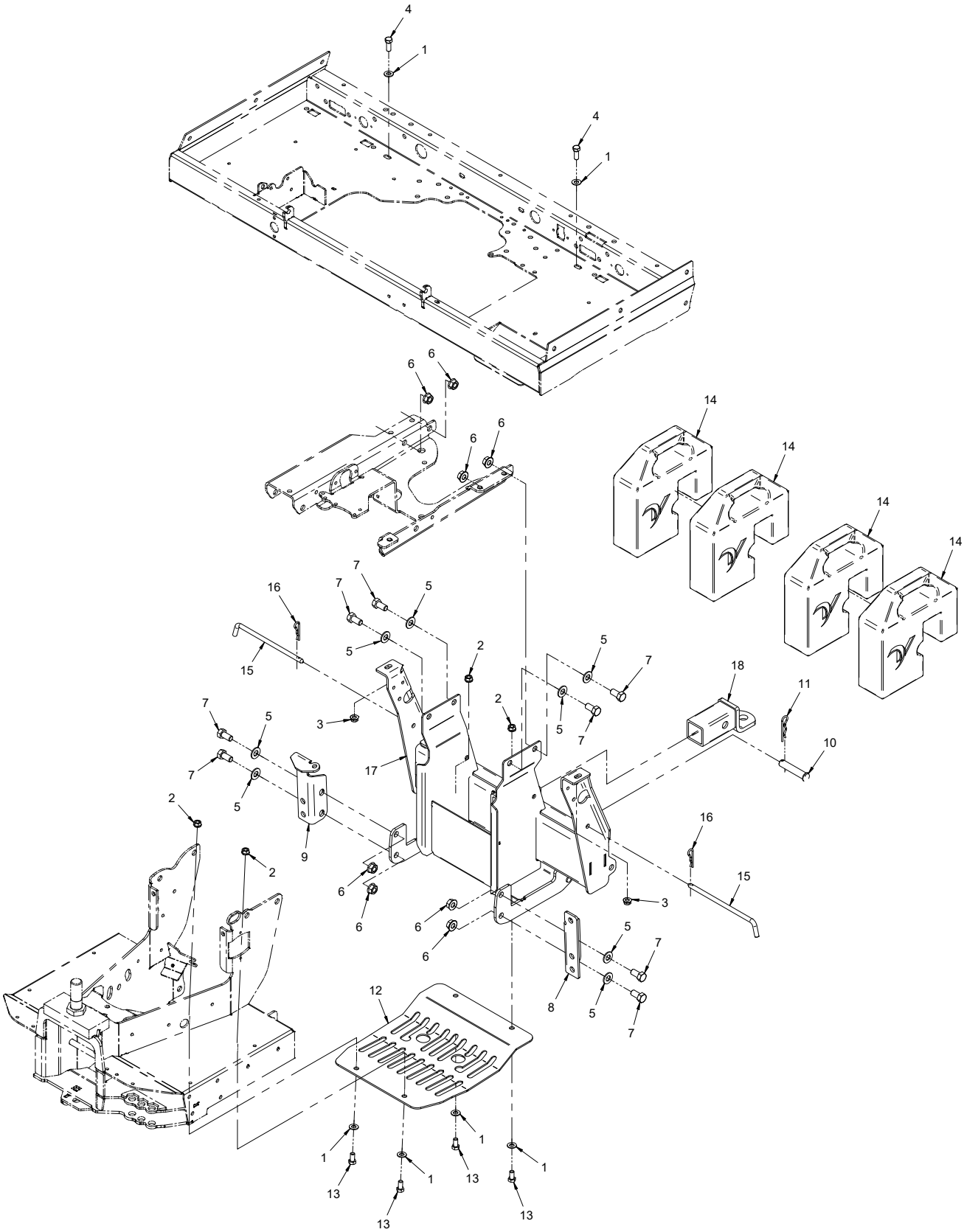
ILLUSTRATED DRAWING
Roll Bar



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, KNURLED 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

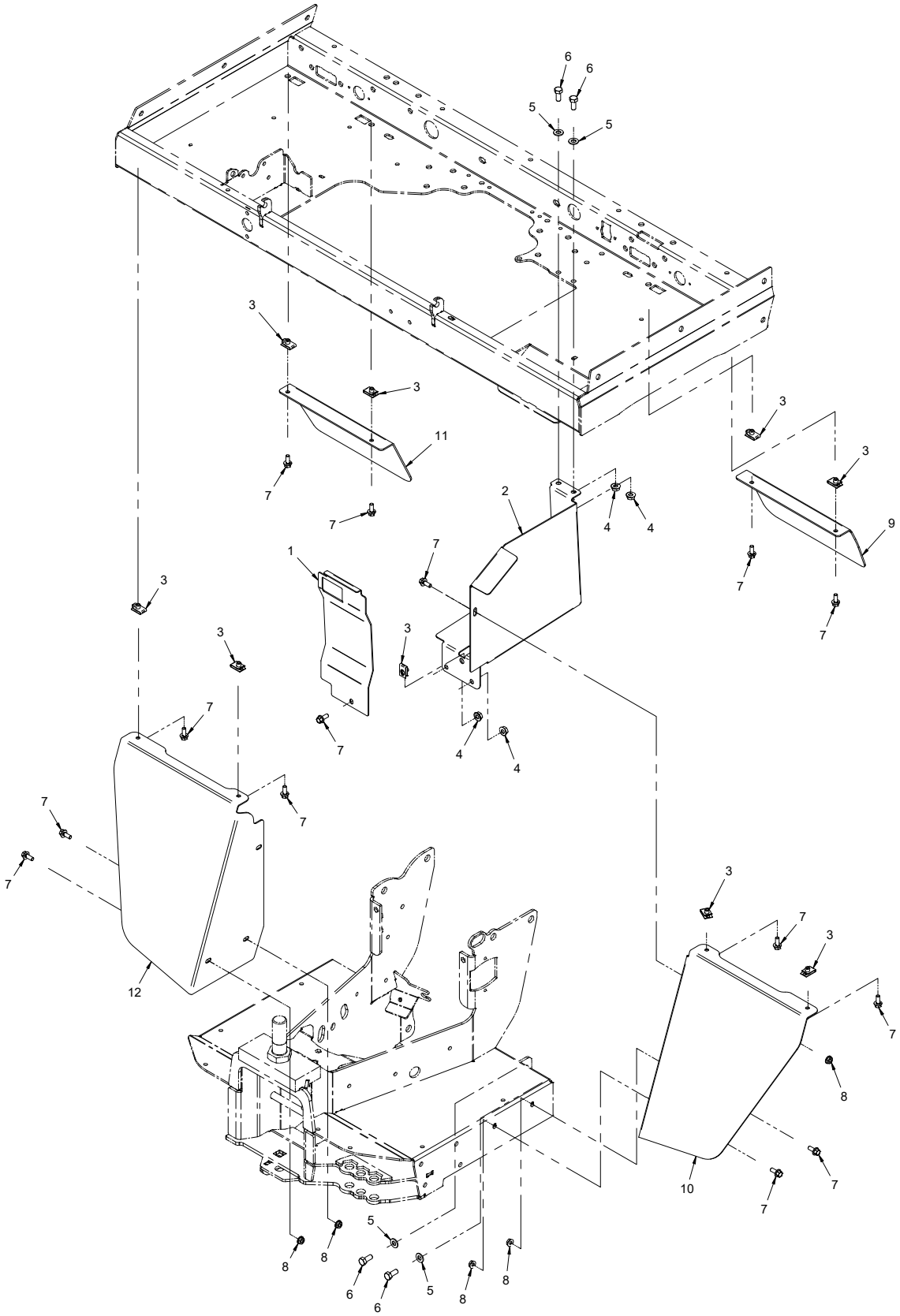
ILLUSTRATED DRAWING
Standard Rear Hitch



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

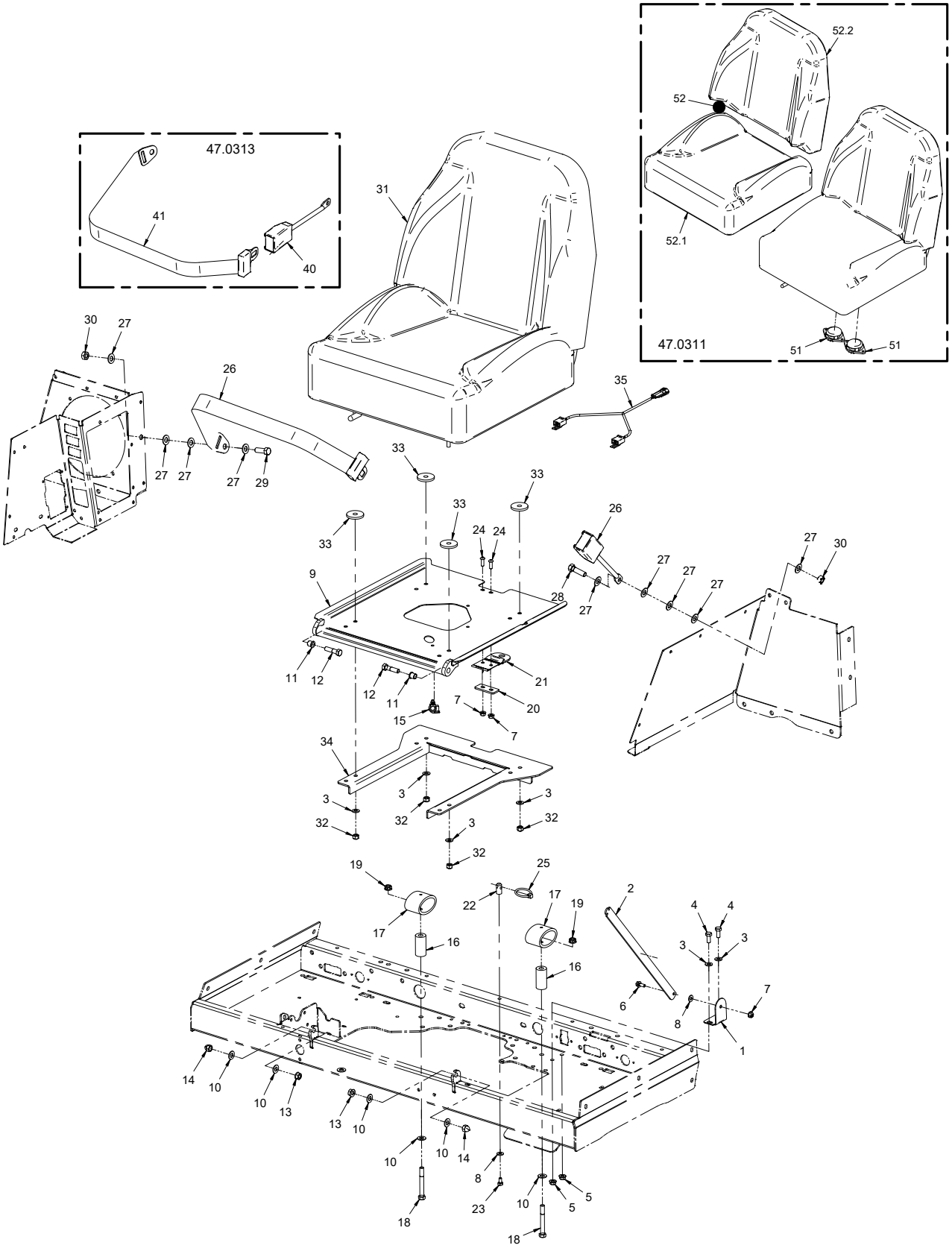
ILLUSTRATED DRAWING
Rear Fenders & Battery Compartment



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

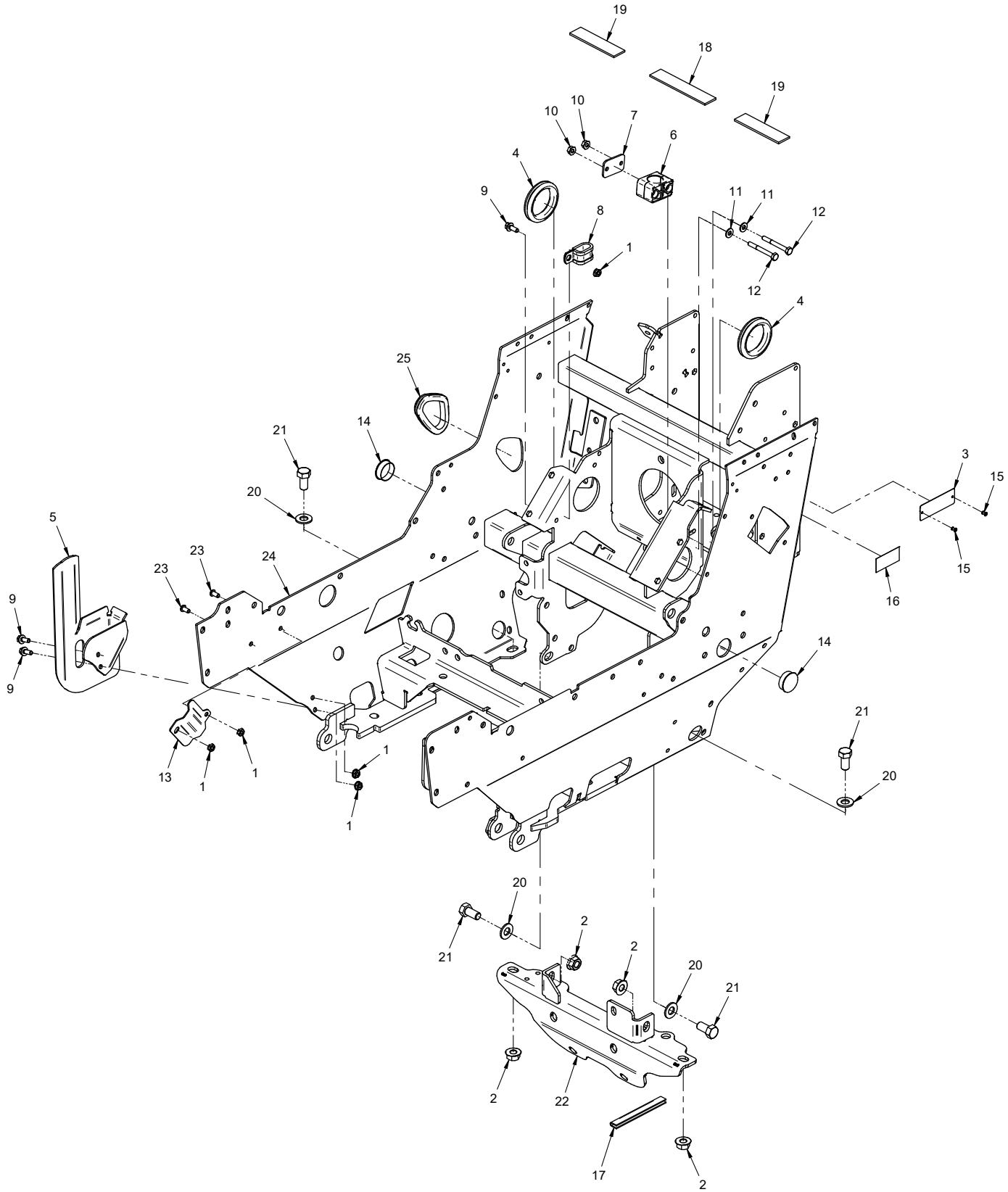
ILLUSTRATED DRAWING
Standard Seat Assembly



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

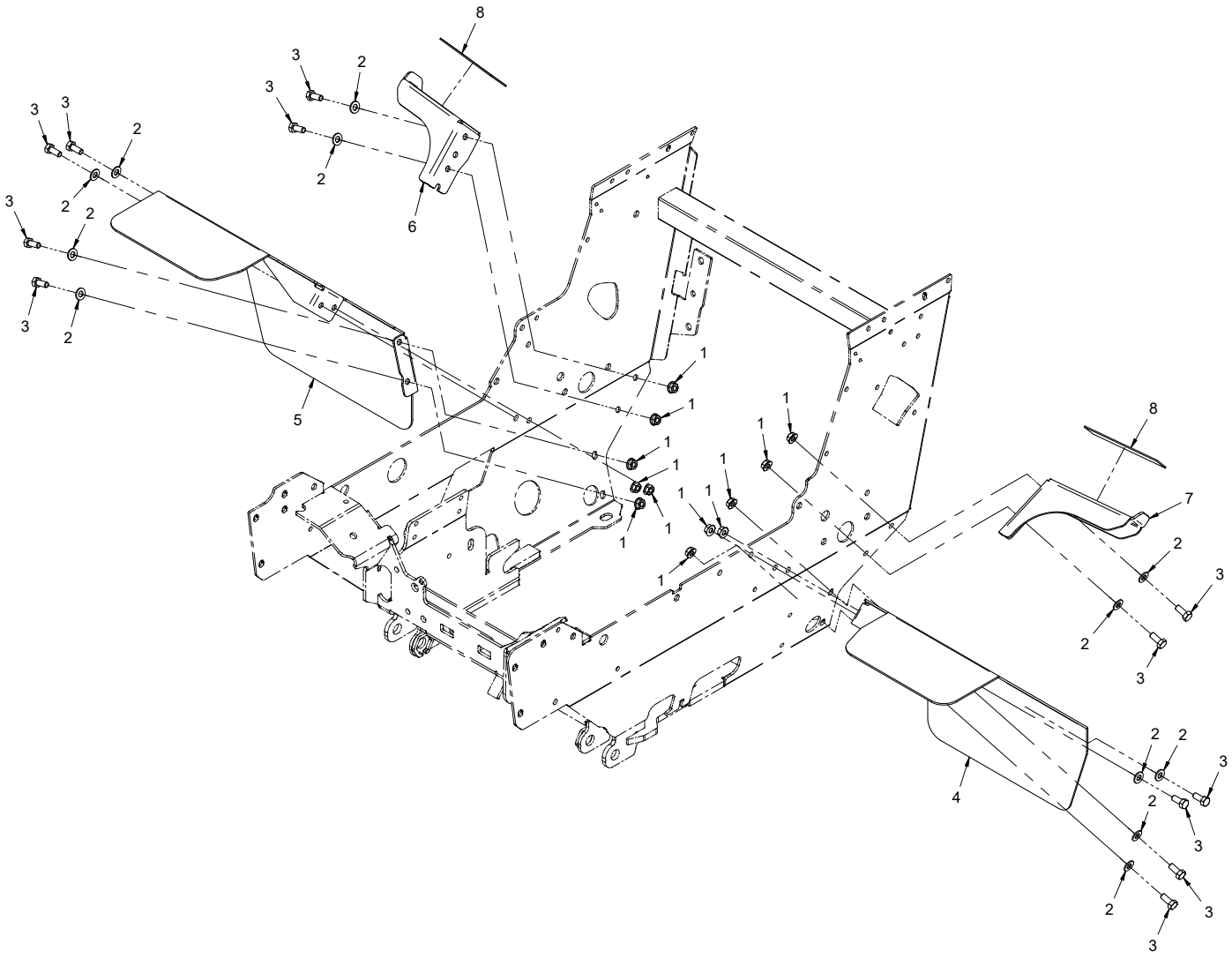
ILLUSTRATED DRAWING
Front Frame, Frame Connector Bracket, Hose Retainer



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, HEX 1/4-20 UNC 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 4.50”	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, HEX 1/2-13 UNC 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

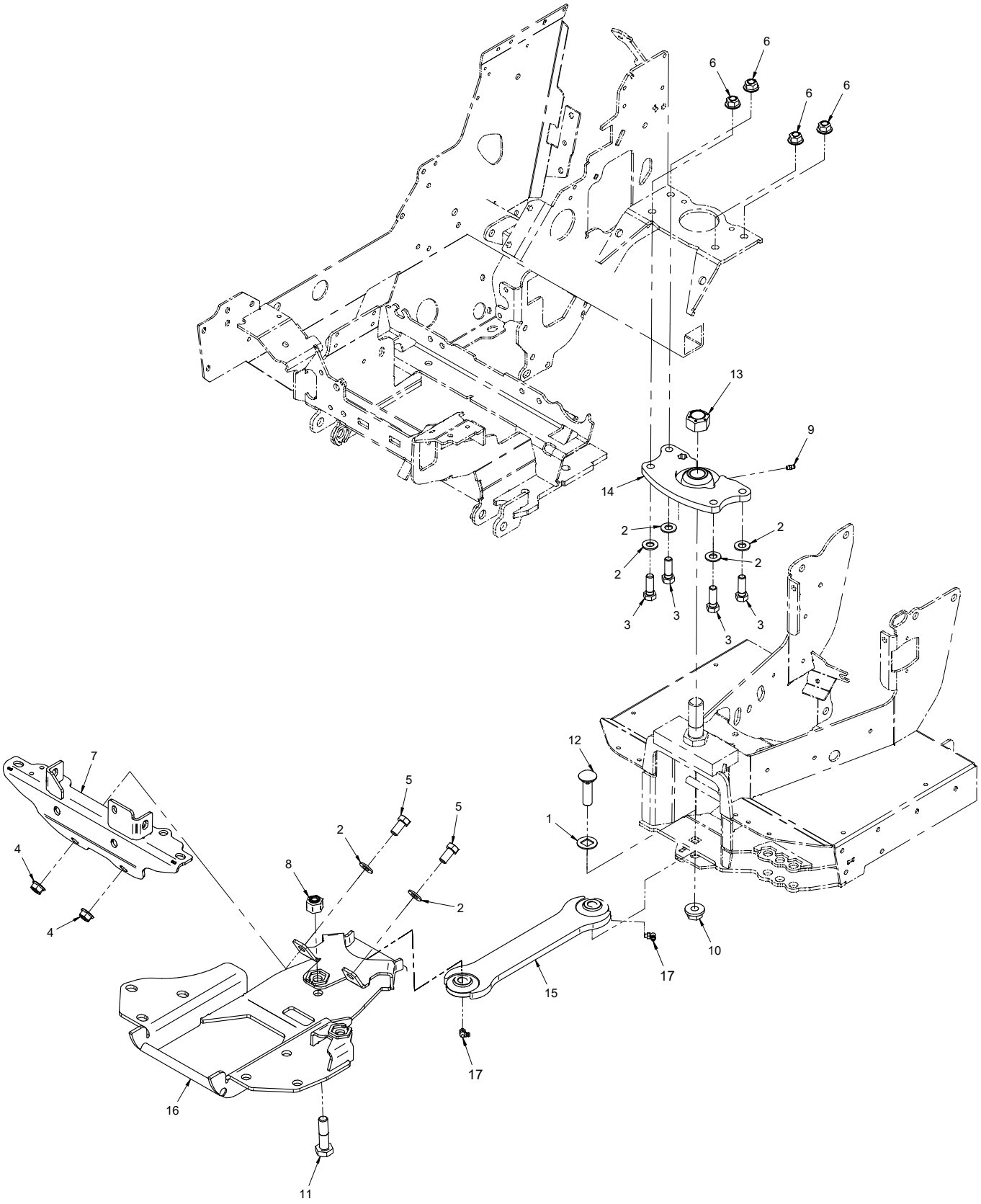
ILLUSTRATED DRAWING
Front Fenders & Foot Pegs



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

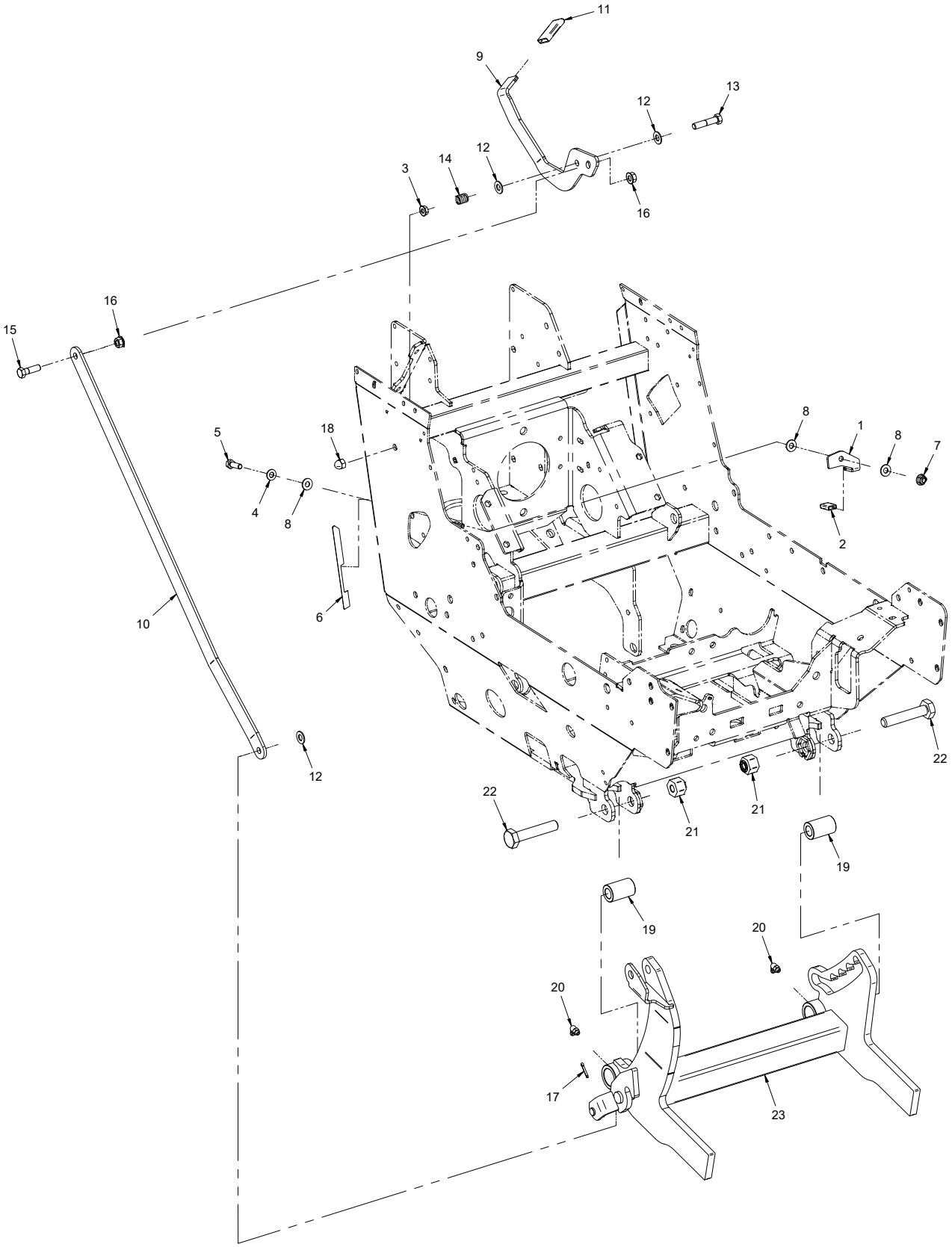
ILLUSTRATED DRAWING
Center Pivot & Connector Link



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 FLANGE 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

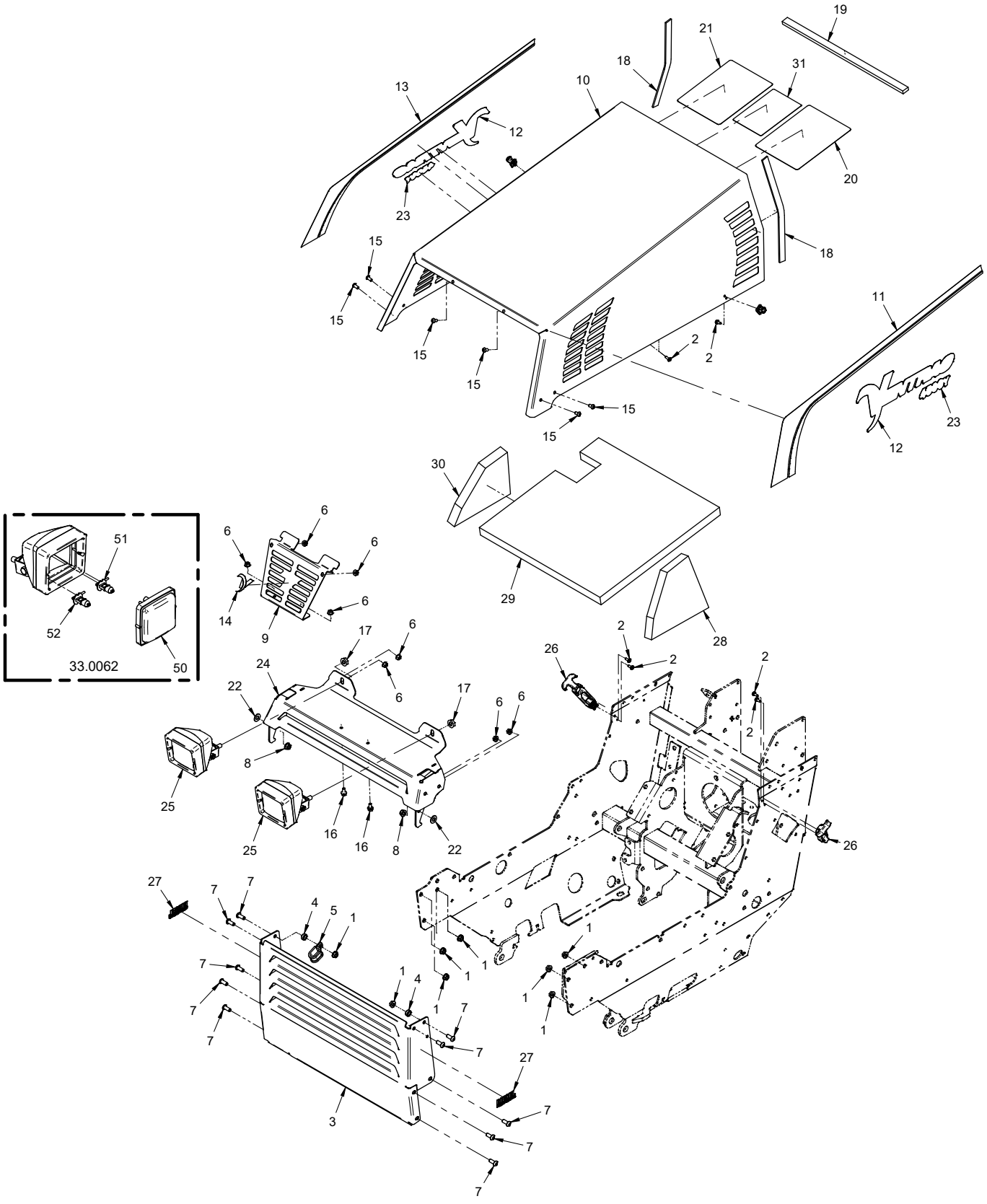
ILLUSTRATED DRAWING
Front Hitch



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

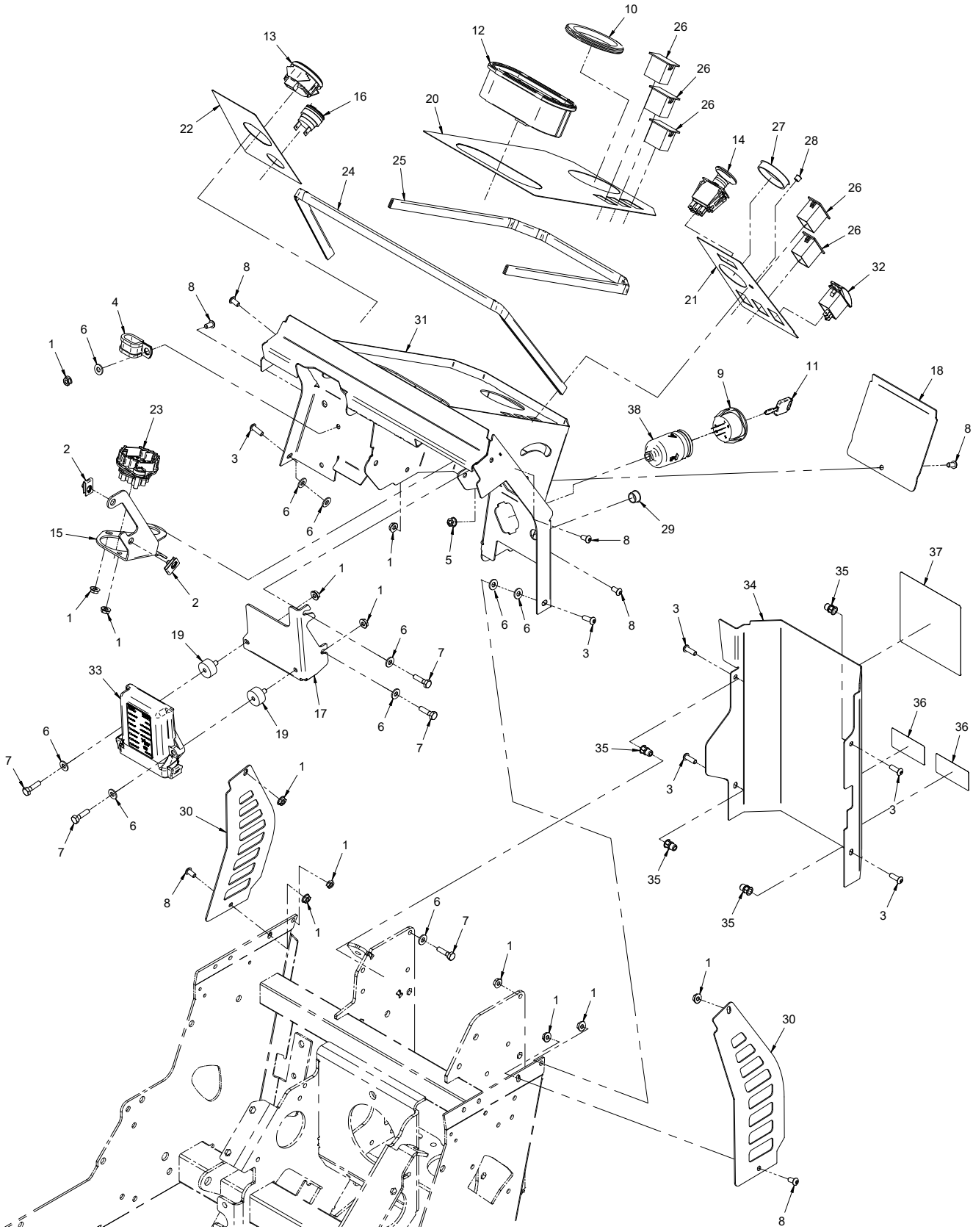
ILLUSTRATED DRAWING
Hood, Grill, & Headlights



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 1.5	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, PVC .375ID X .875 X .0625	2
23	00.0312	DECAL, 4500Y	2
24	60.1253	GRILL, FRONT	1
25	33.0062	LIGHT, WORK 3 X 3	2
26	47.0127	LATCH, RUBBER DRAW T-HANDLE	2
27	00.0322	DECAL, DIESEL LIQUID COOLED	2
28	44.0358	INSULATION, HOOD LEFT	1
29	44.0359	INSULATION, HOOD CENTER	1
30	44.0360	INSULATION, HOOD RIGHT	1
31	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

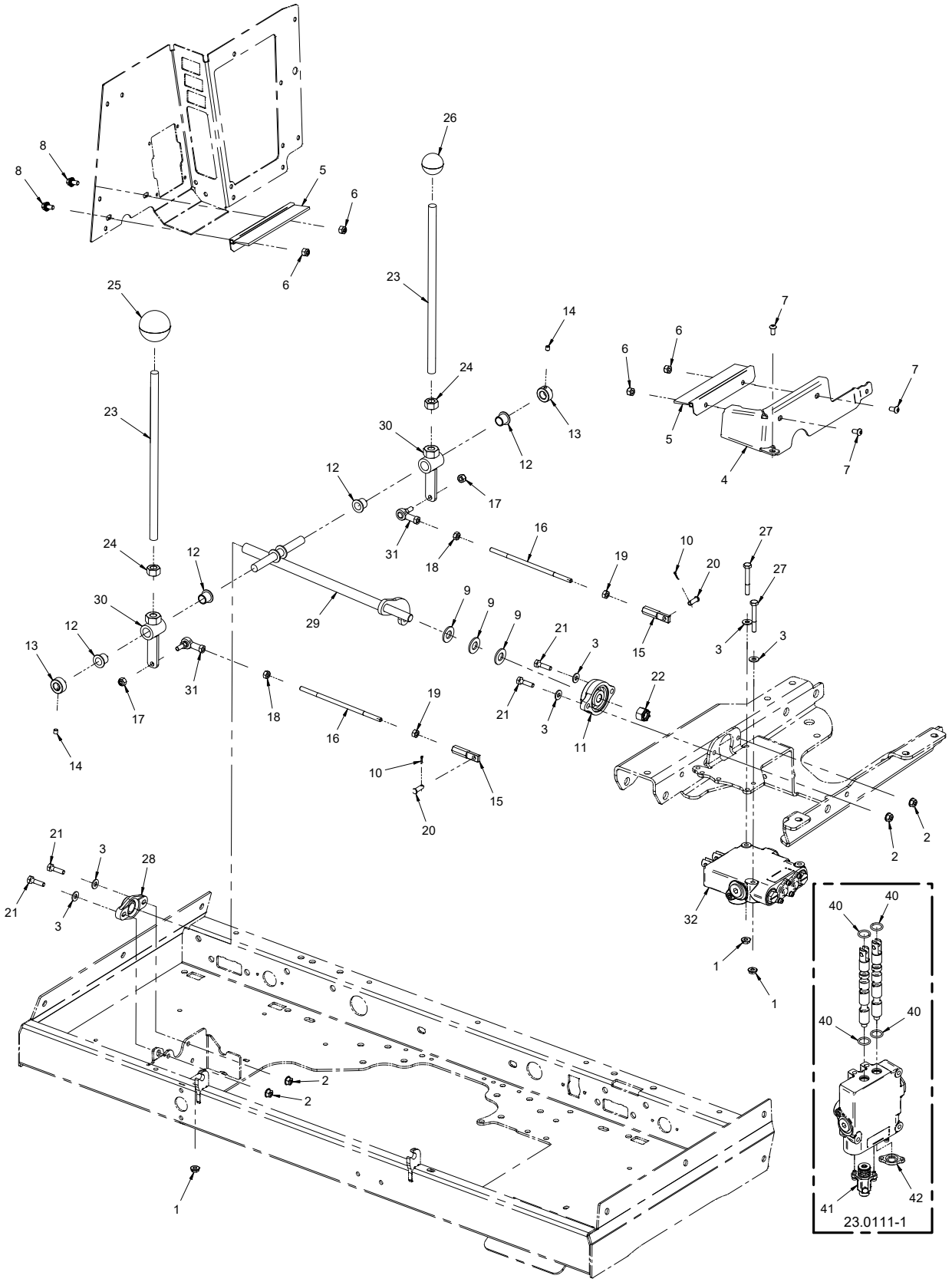
ILLUSTRATED DRAWING
Dash, Dash Brackets, Decals, & Switches



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

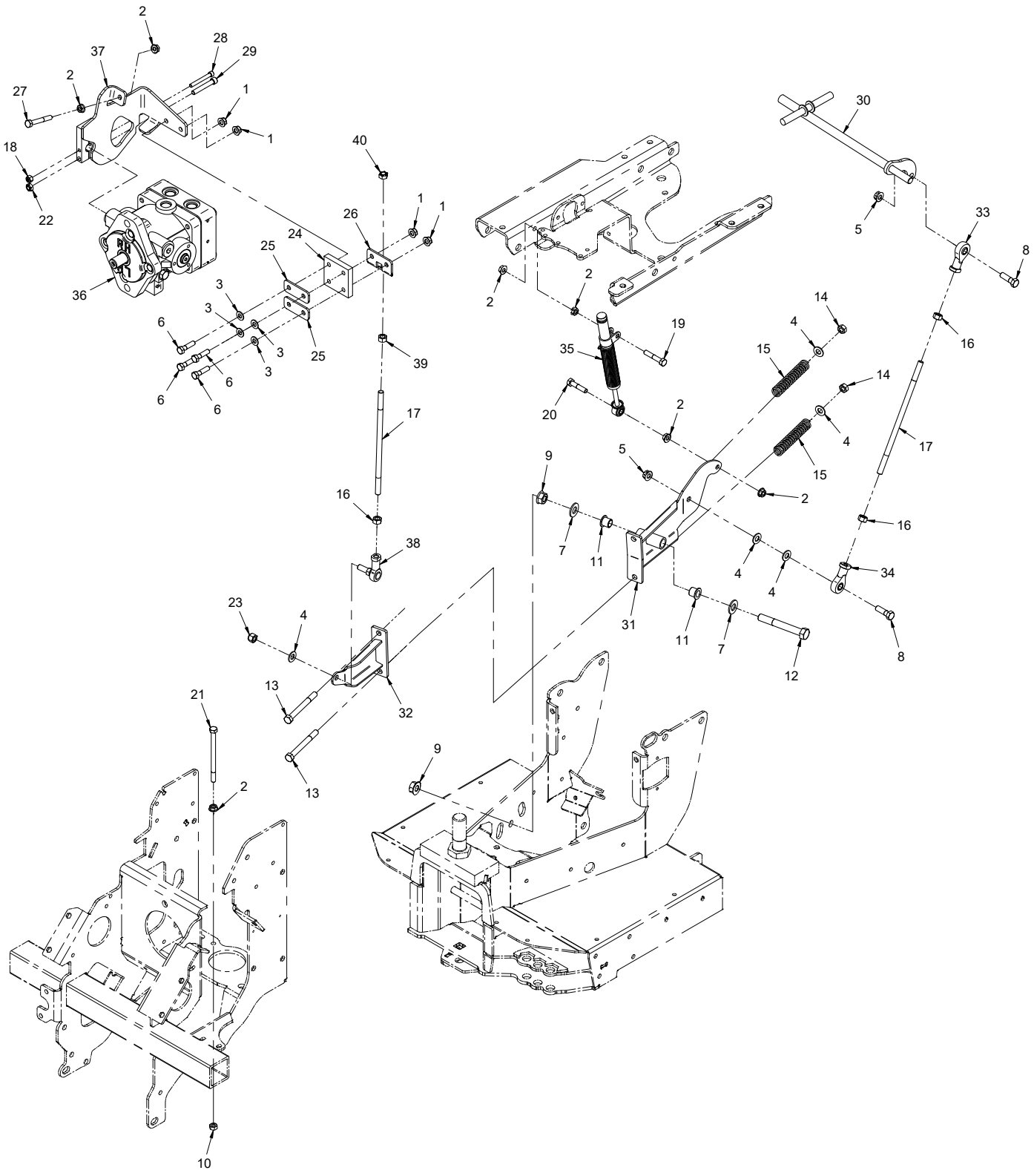
ILLUSTRATED DRAWING
SDLA Control Levers



SDLA 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, 1/4-28LH 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

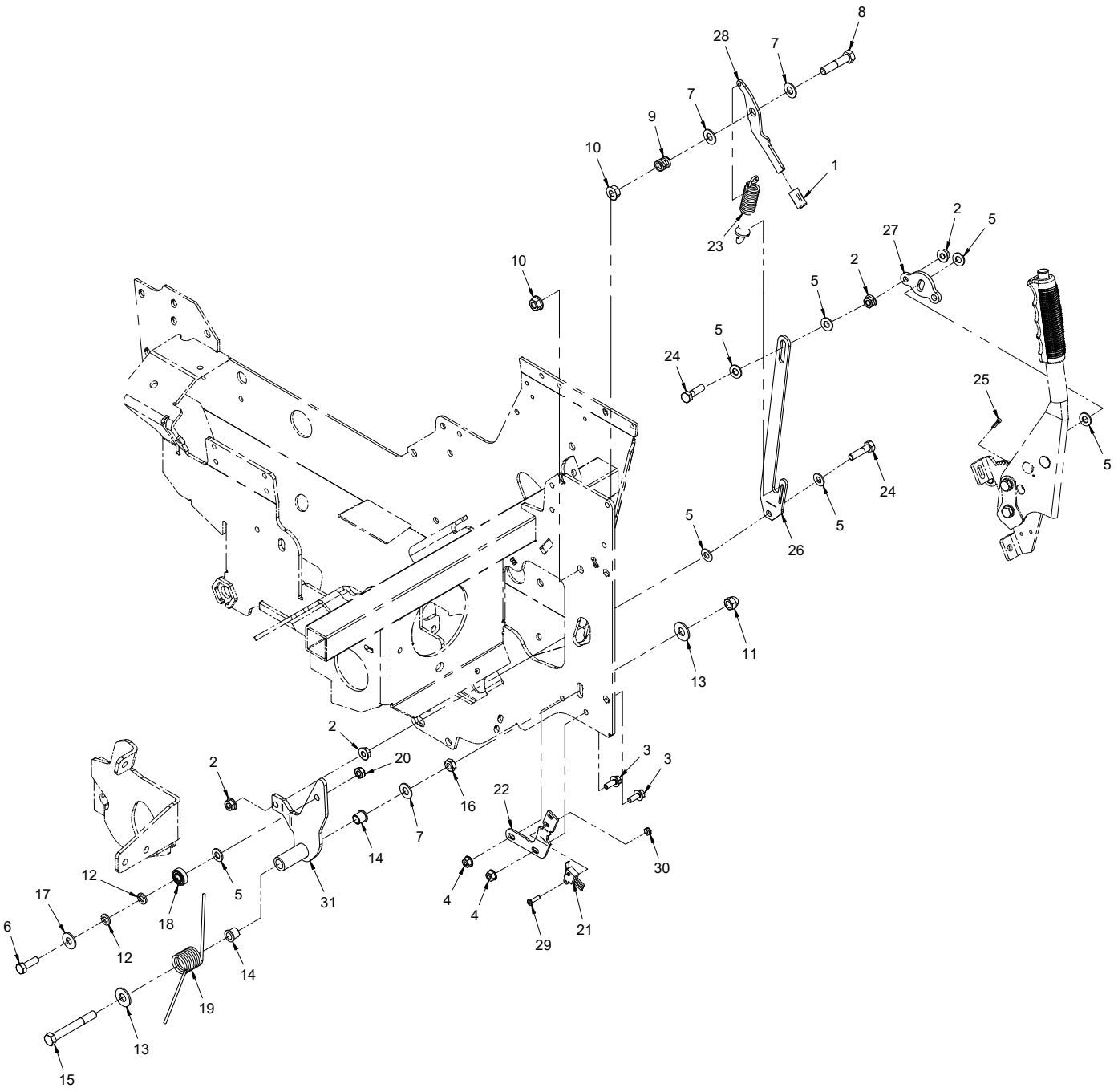
ILLUSTRATED DRAWING
SDLA Linkage



SDLA 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

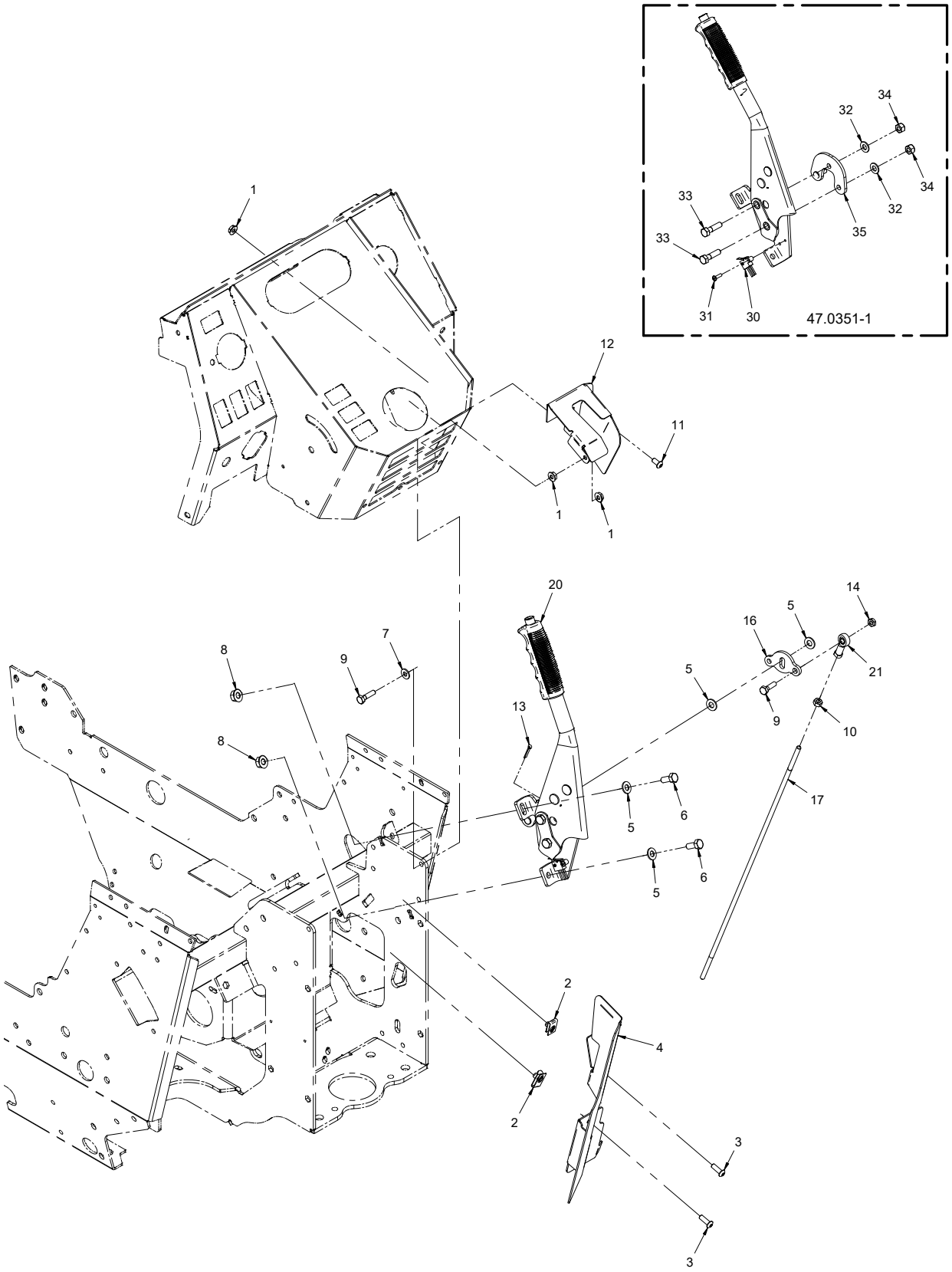
ILLUSTRATED DRAWING
Neutral Assist Lever & Neutral Switch



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, HEX 5/16-18 UNC 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

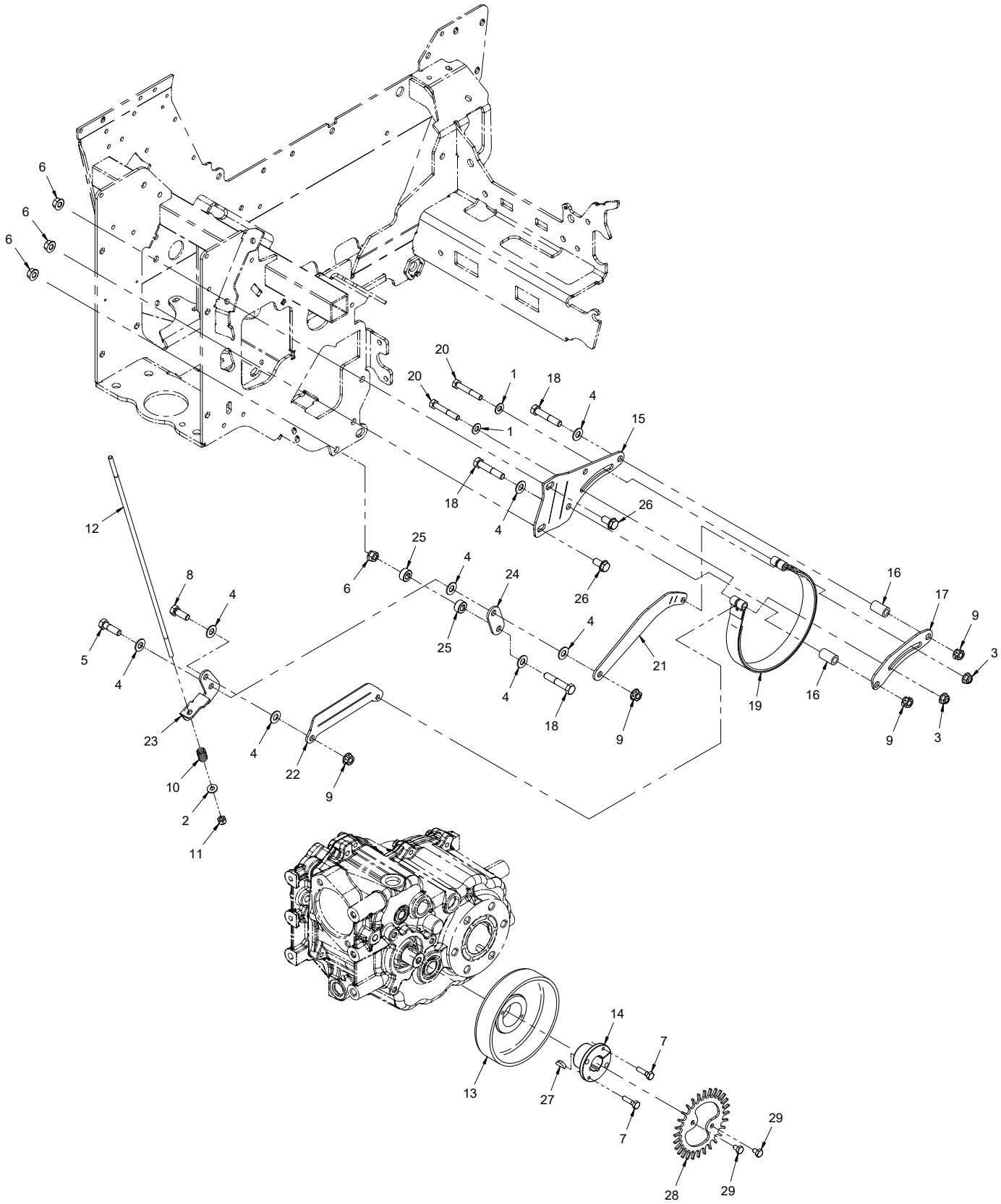
ILLUSTRATED DRAWING
Parking Brake Handle, Brake Rod, & Shields



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

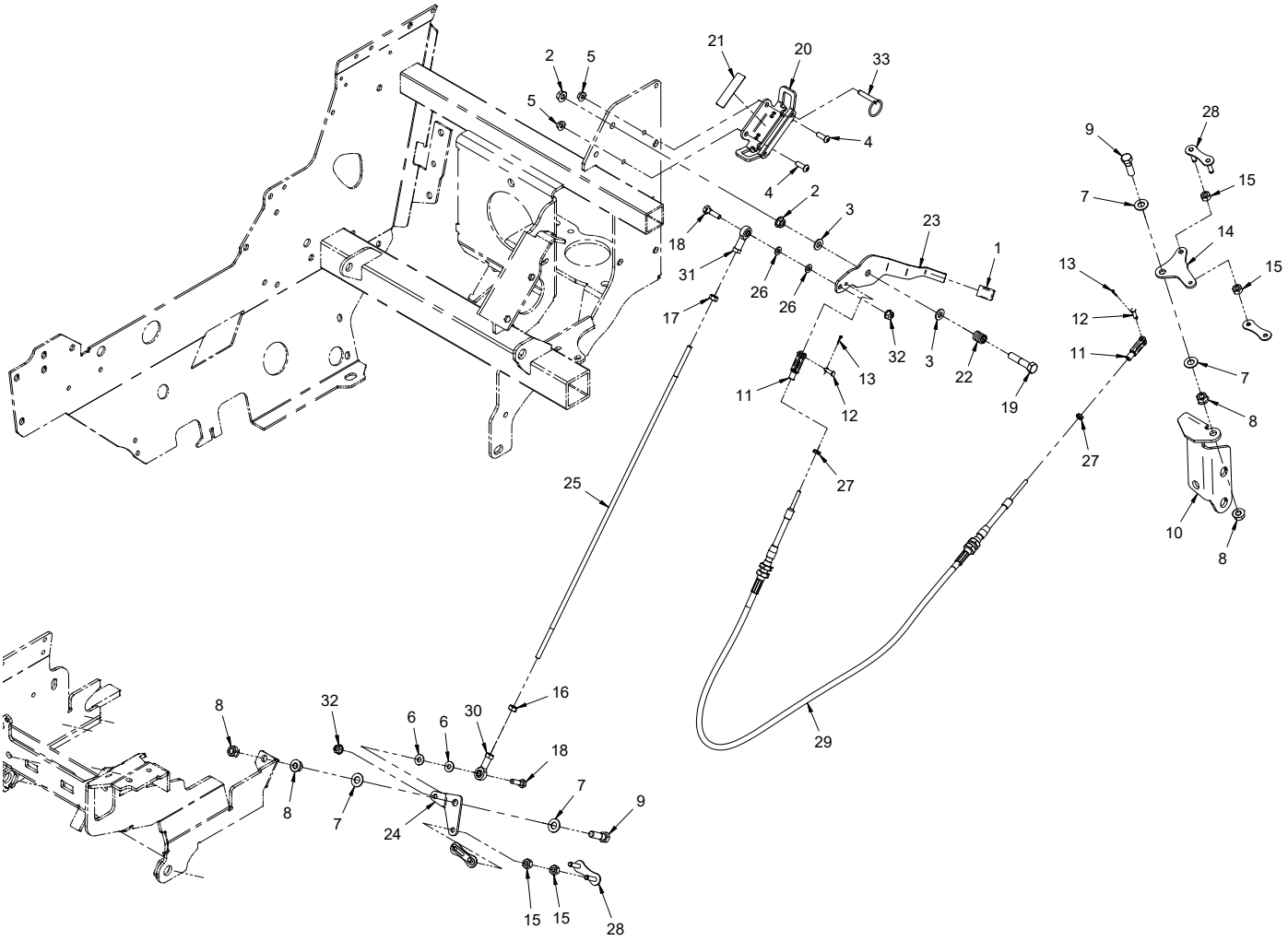
ILLUSTRATED DRAWING
Parking Brake Linkage & Brake Drum



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

ILLUSTRATED DRAWING
High/Low Range Shift Linkage

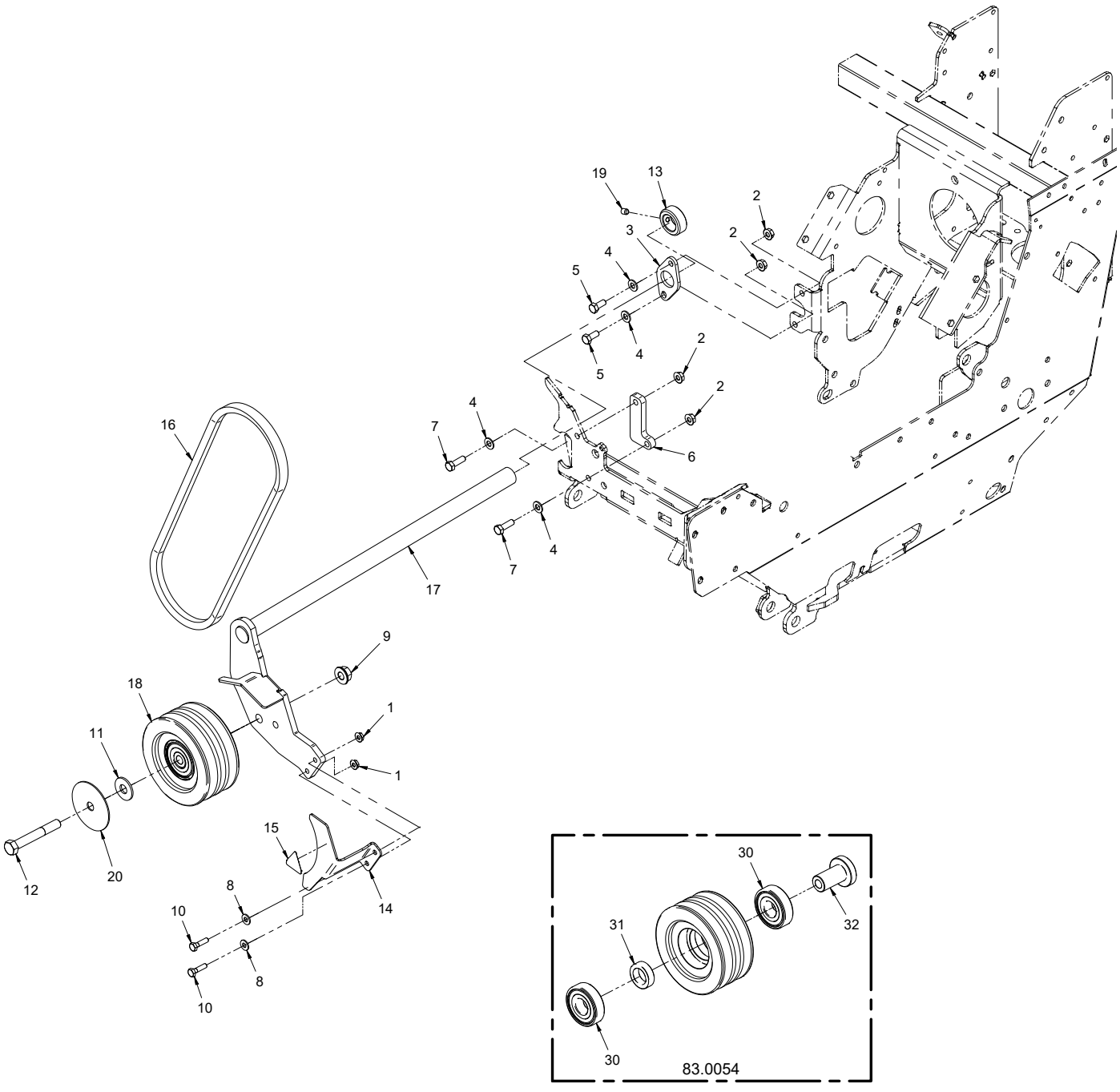


CONTROLS & LINKAGE

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

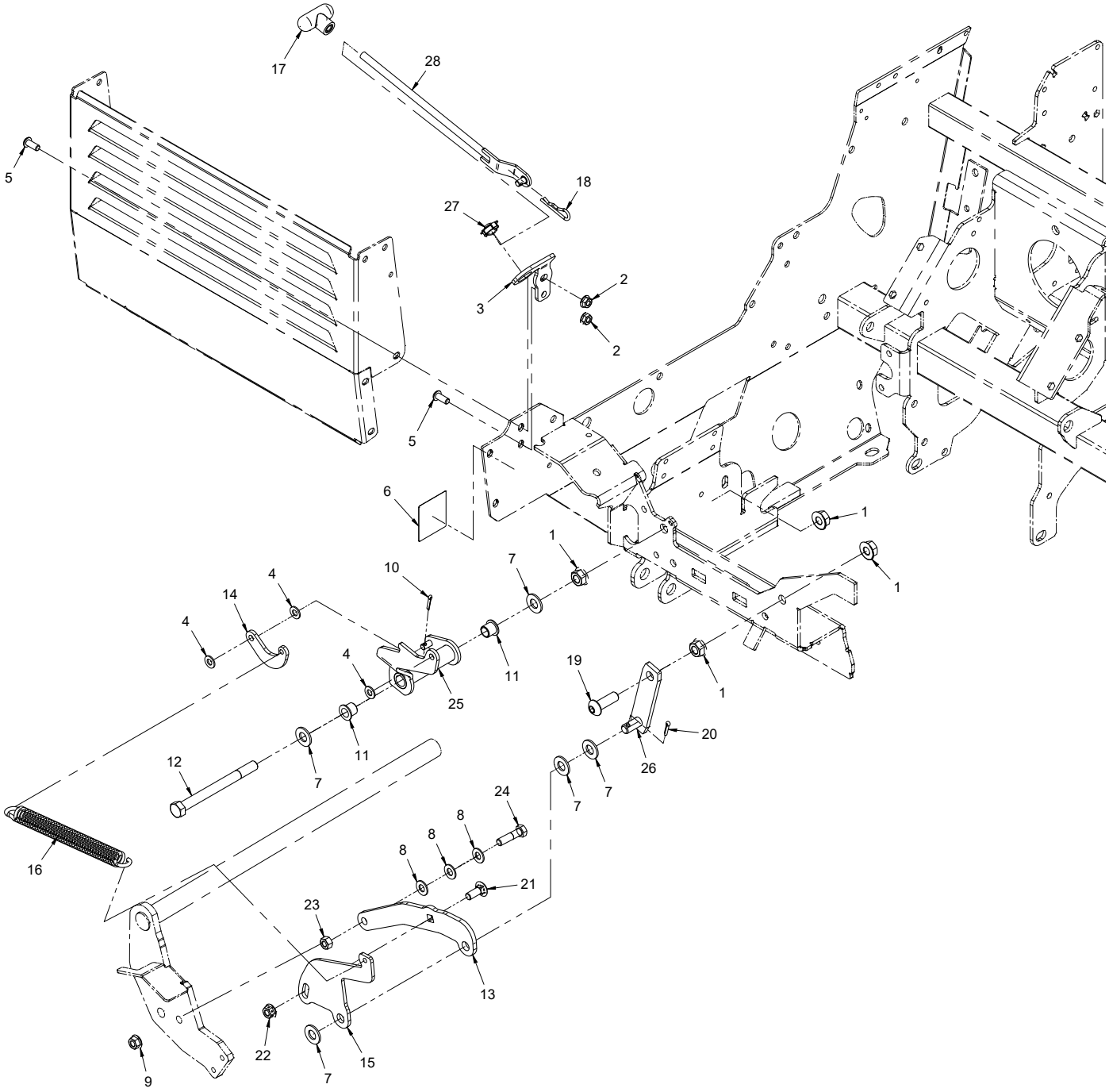
ILLUSTRATED DRAWING
PTO Idler Pulley & Idler Arm



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

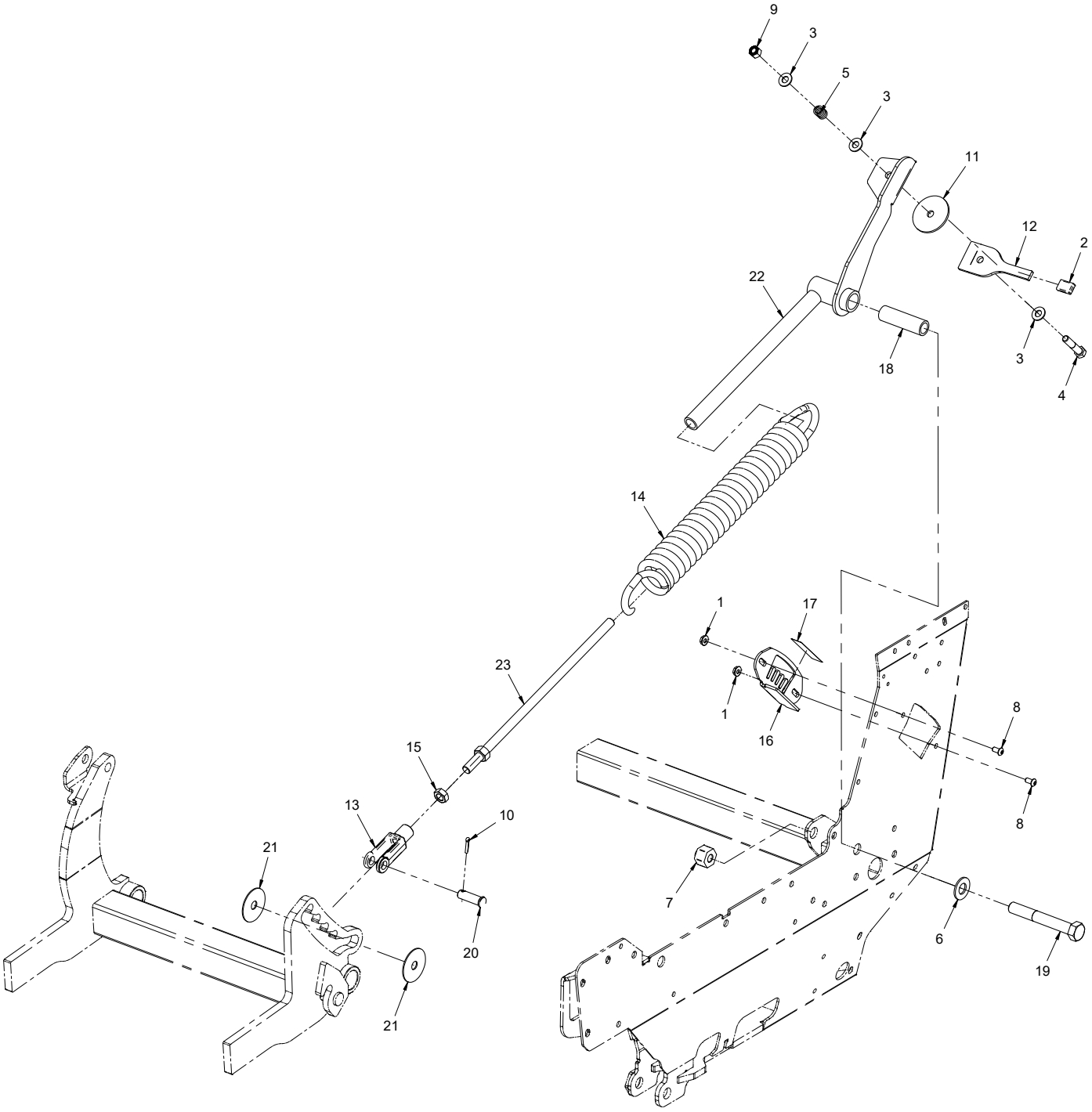
ILLUSTRATED DRAWING
PTO Belt Tension Linkage



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

ILLUSTRATED DRAWING
Weight Transfer

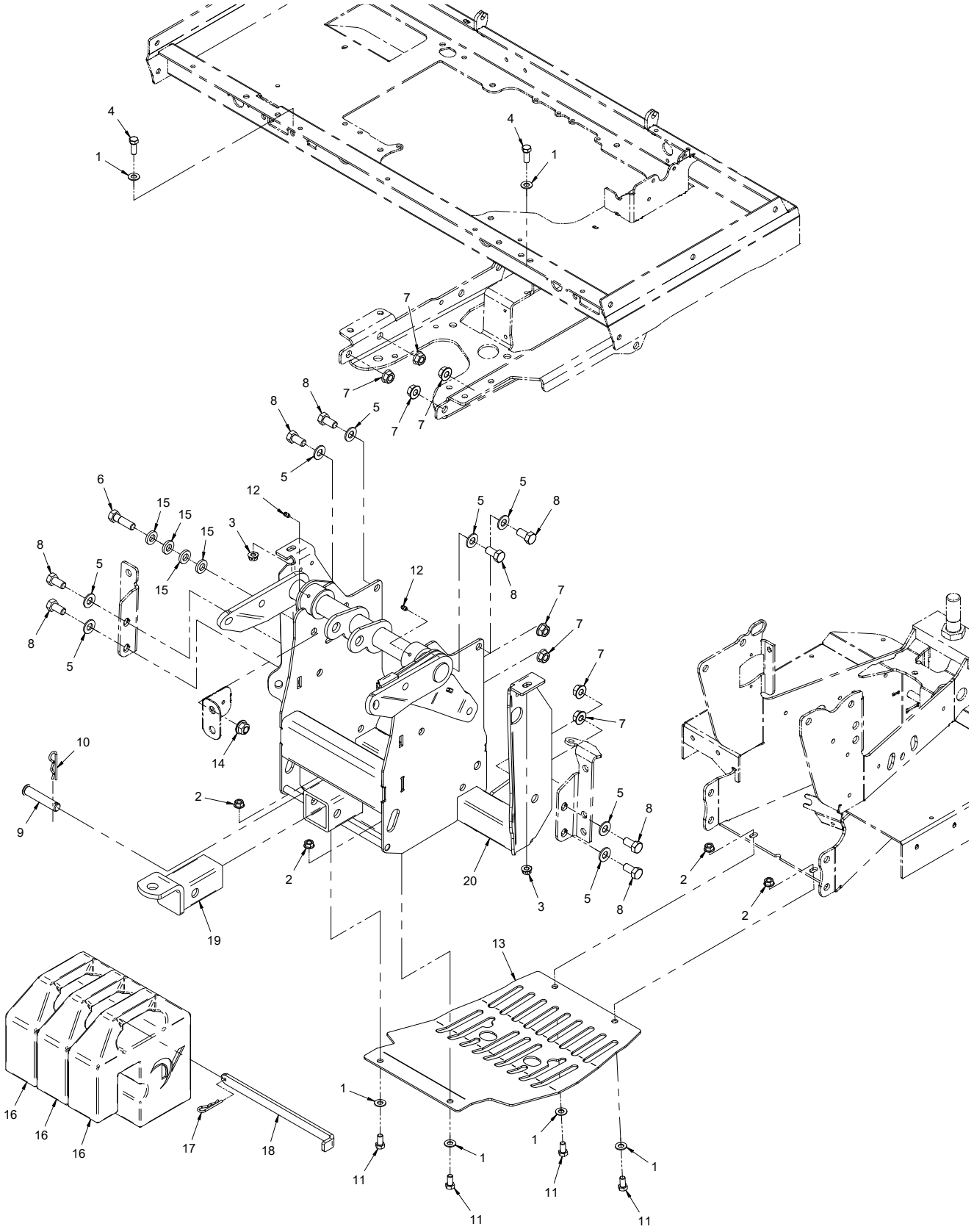


Weight Transfer

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.

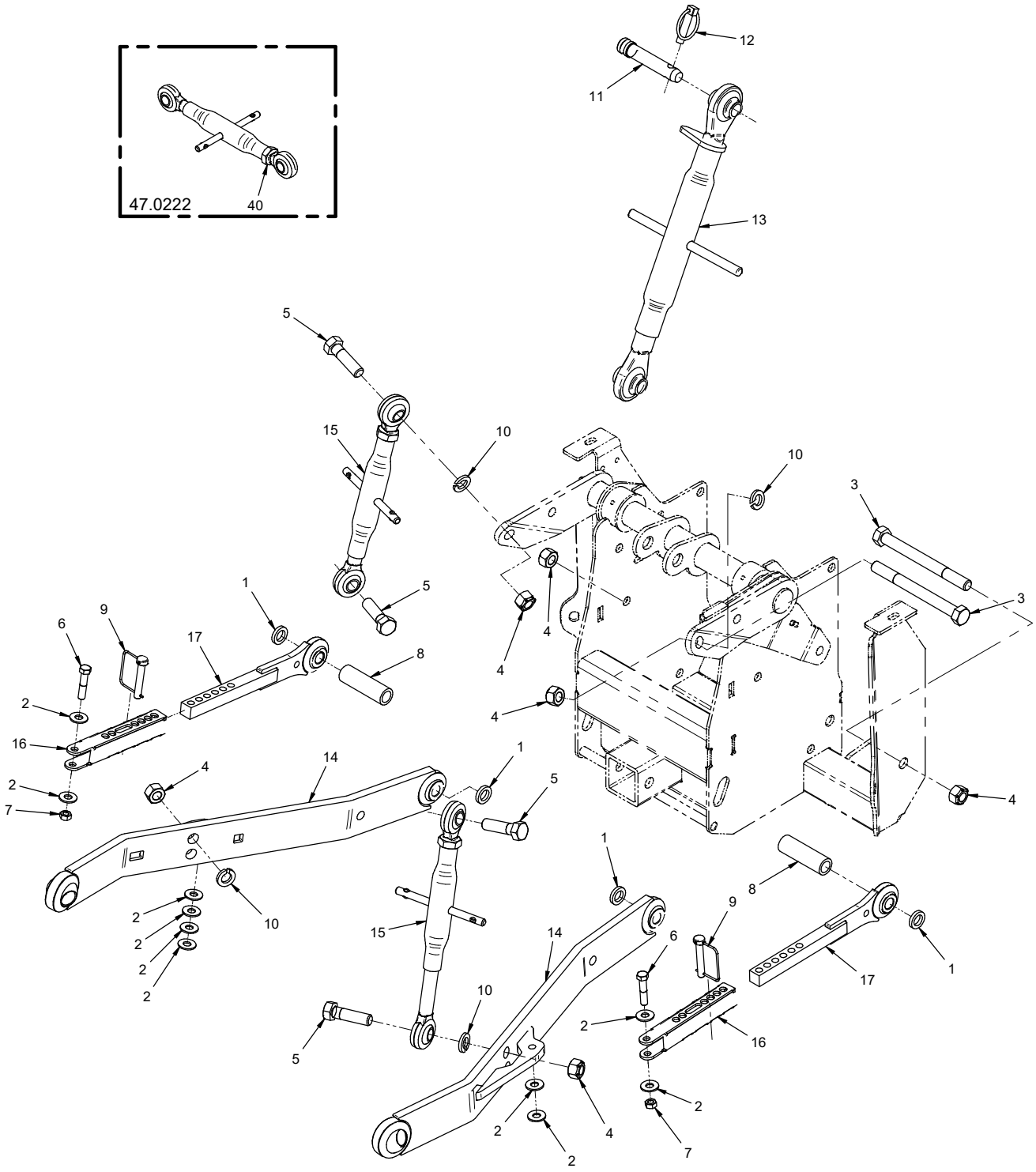
ILLUSTRATED DRAWING
3 Point Hitch Frame (Kit #70.4100)



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

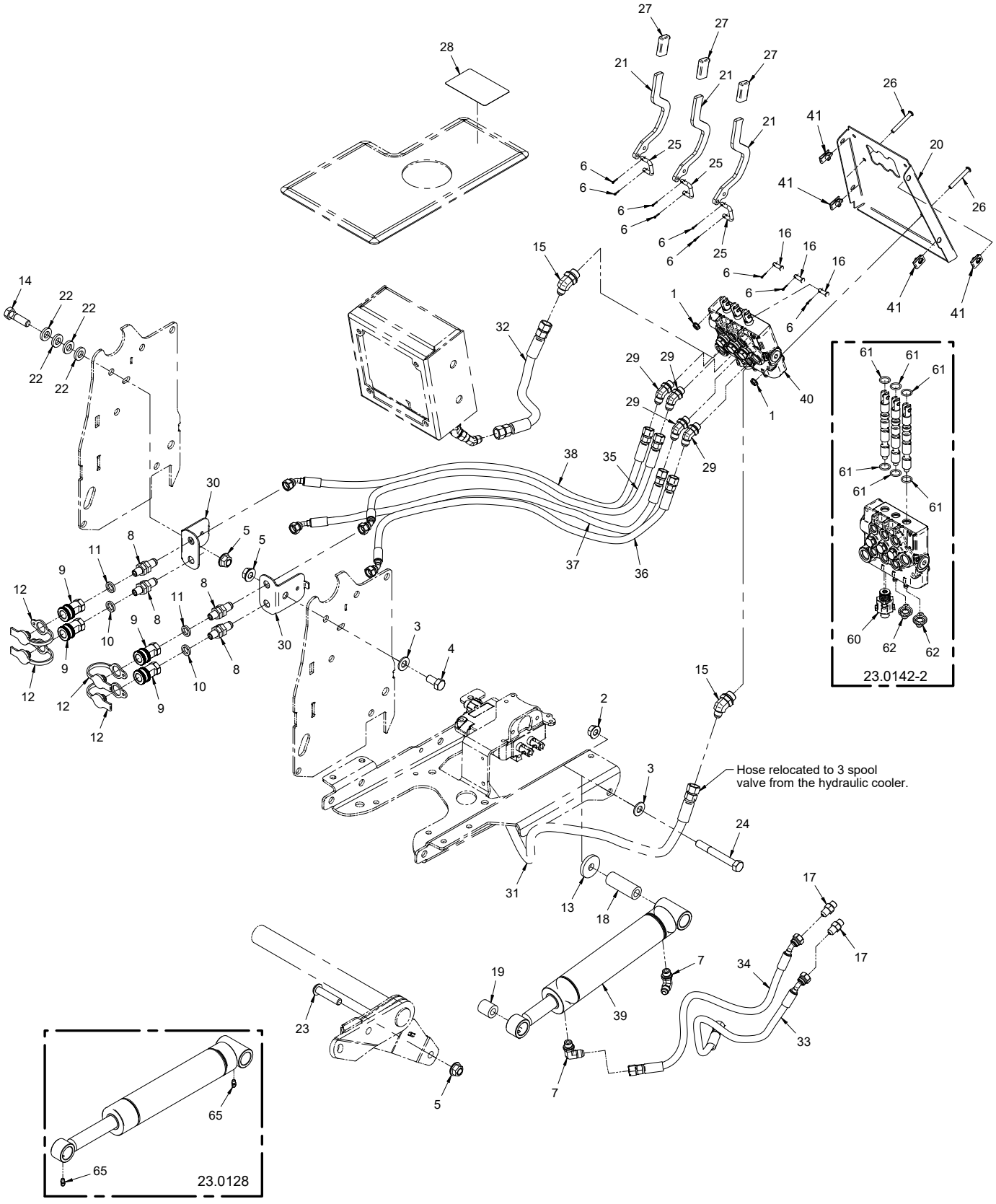
ILLUSTRATED DRAWING
3 Point Hitch Arms (Kit #70.4100)



3 Point Hitch Arms (Kit #70.4100)

REF.	PART NO.	DESCRIPTION	QTY.
1	99.B0061	WASHER, 3/16 X 21/32 X 1 1/32	4
2	94.06	WASHER, FLAT 3/8 USS	10
3	90.1052	BOLT, 5/8-11 UNC X 6-1/2	2
4	99.A10	LOCKNUT, STOVER 5/8-11 USS	6
5	90.1018	BOLT, 5/8-11 USS X 2-1/4	4
6	90.0614	BOLT, 3/8-16 USS X 1-3/4	2
7	99.A06	LOCKNUT, STOVER 3/8-16 USS	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, LINCH	1
13	42.0406	LINK, TOP CAT #1 COMPLETE	1
14	40.0365	ARM, UNIVERSAL LIFT	2
15	47.0222	TOP LINK, CAT. #0, ADJUSTABLE	2
16	42.0402	LINK, SWAYBAR 3-PT FEMALE	2
17	42.0403	LINK, SWAYBAR 3PT MALE (Superseded by KN-6089)	2
17	KN-6089	LINK, SWAYBAR 3PT MALE	2
40	99.E0087	NUT, JAM 3/4-10 USS	1

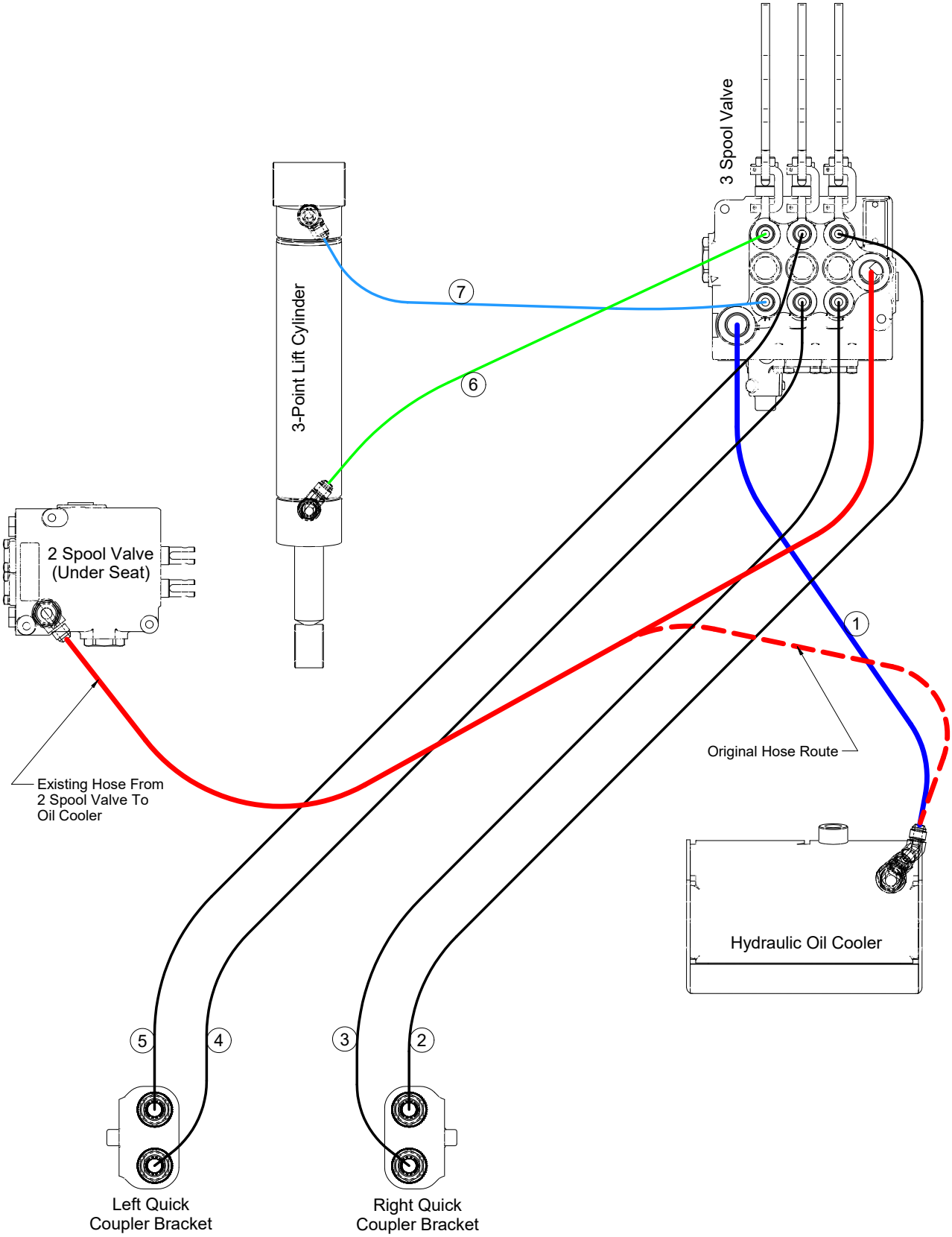
ILLUSTRATED DRAWING
3 Point Hitch Hydraulics (Kit #70.4100)



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 FLANGE 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

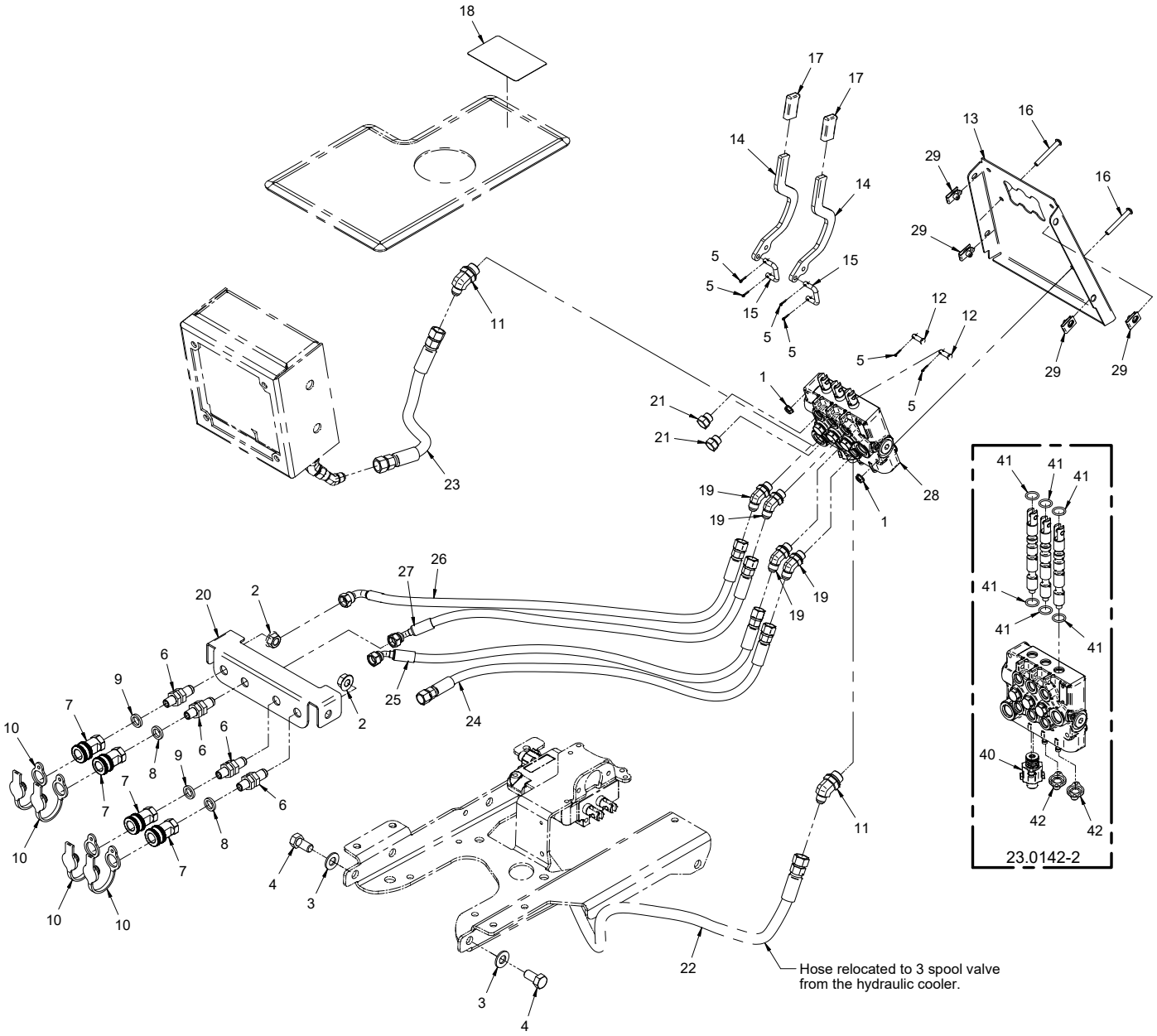
ILLUSTRATED DRAWING
3 Point Hitch Hydraulic Diagram (Kit #70.4100)



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

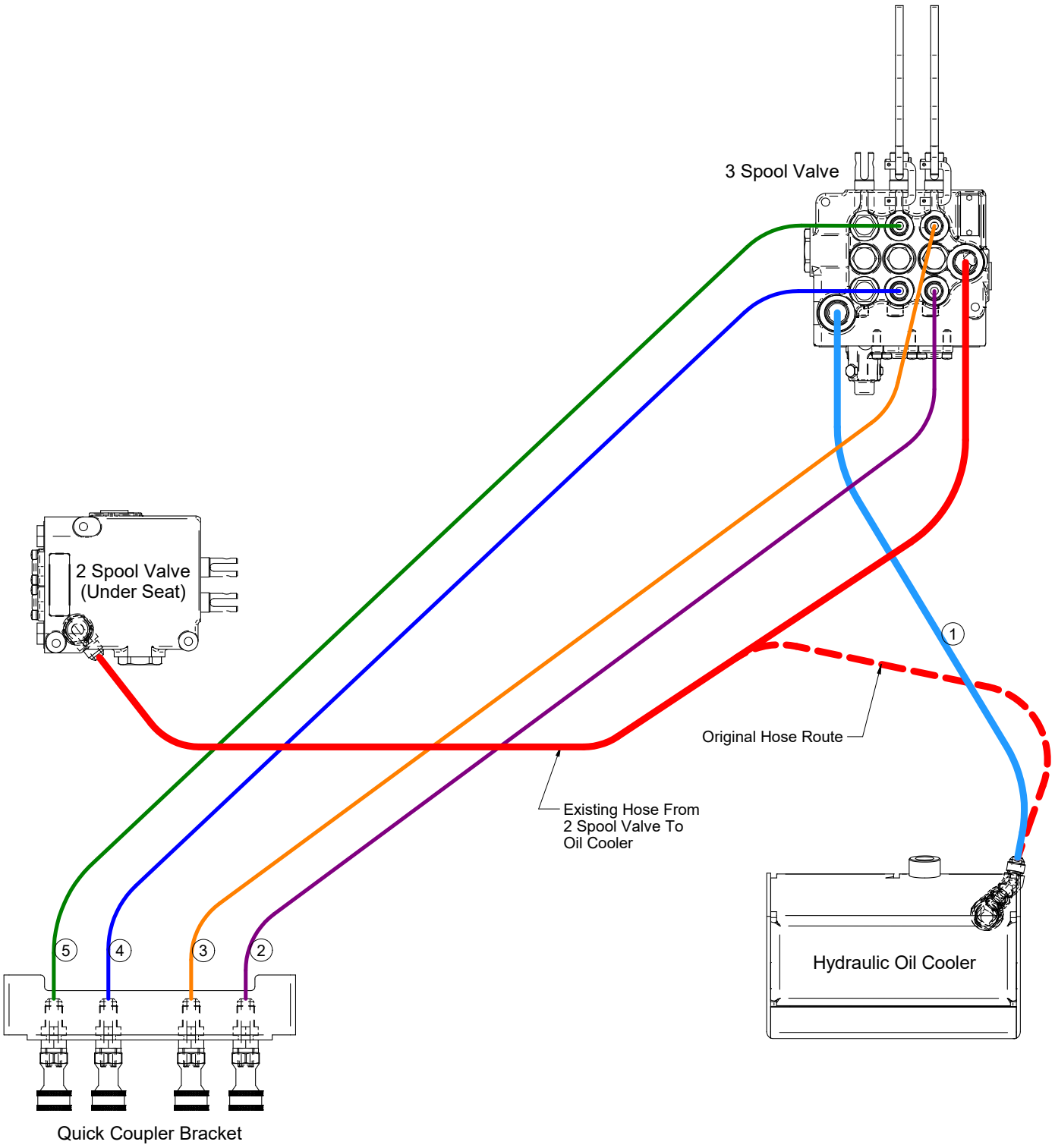
ILLUSTRATED DRAWING
Rear Hydraulic Valve (Kit # 70.4126)



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

ILLUSTRATED DRAWING
Rear Hydraulic Valve Diagram (Kit # 70.4126)

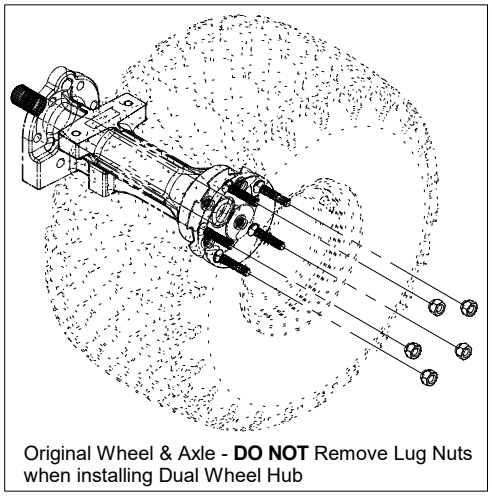


Rear Hydraulic Valve Diagram (Kit # 70.4126)

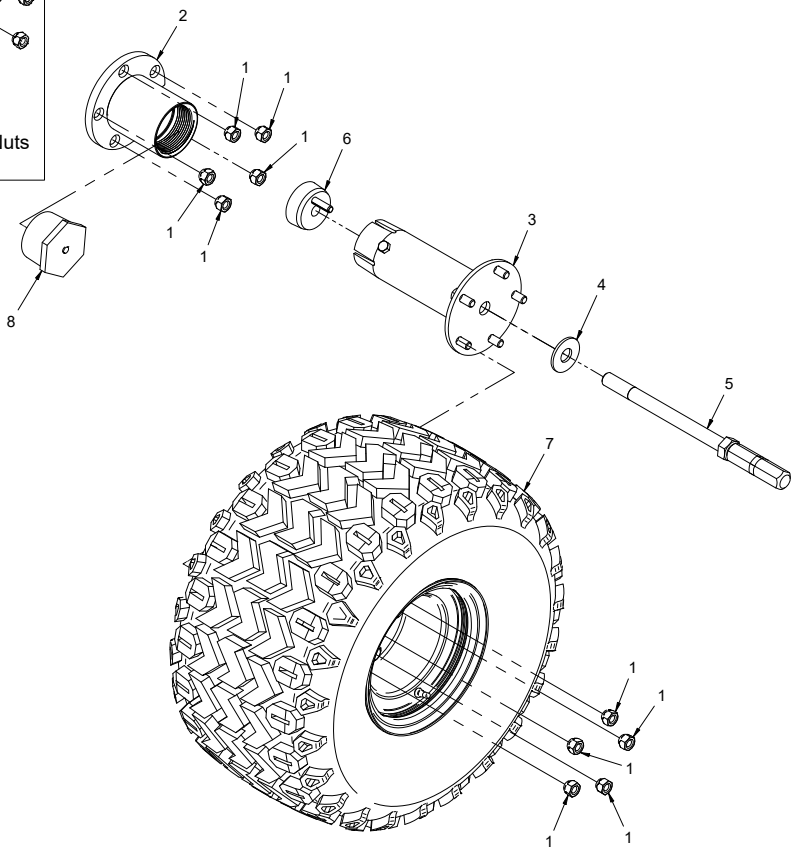
REF.	PART NO.	DESCRIPTION	QTY.
1	20.0307	HOSE, 3/8X12.00 SAE 100R17 AR	1
2	20.0258	HOSE, 1/4X27.50 SAE 100R17 AR	1
3	20.0188	HOSE, 1/4X30.00 SAE 100R17 AR	1
4	20.0188	HOSE, 1/4X30.00 SAE 100R17 AR	1
5	20.0246	HOSE, 1/4X31.00 SAE 100R17 AR	1

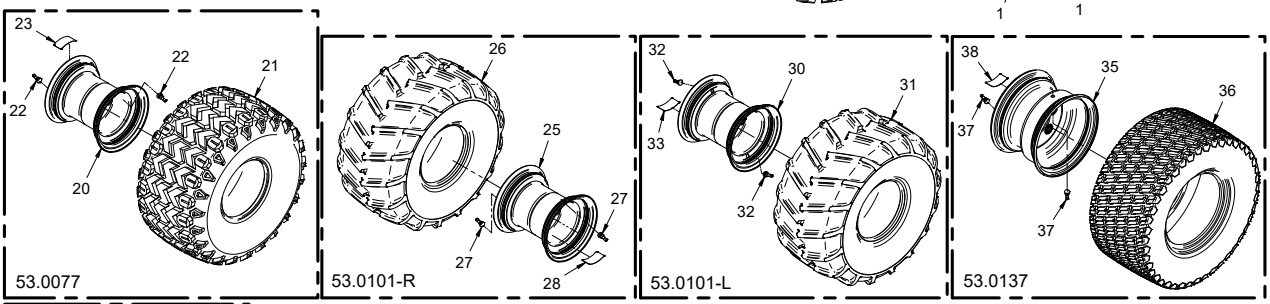
ILLUSTRATED DRAWING
Dual Wheels

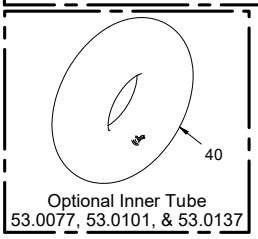
Field Trax Dual Wheel Kit - # 70.4067
Turf Master Dual Wheel Kit - # 70.4068
Bar Tire Dual Wheel Kit - # 70.4069



Original Wheel & Axle - **DO NOT** Remove Lug Nuts when installing Dual Wheel Hub







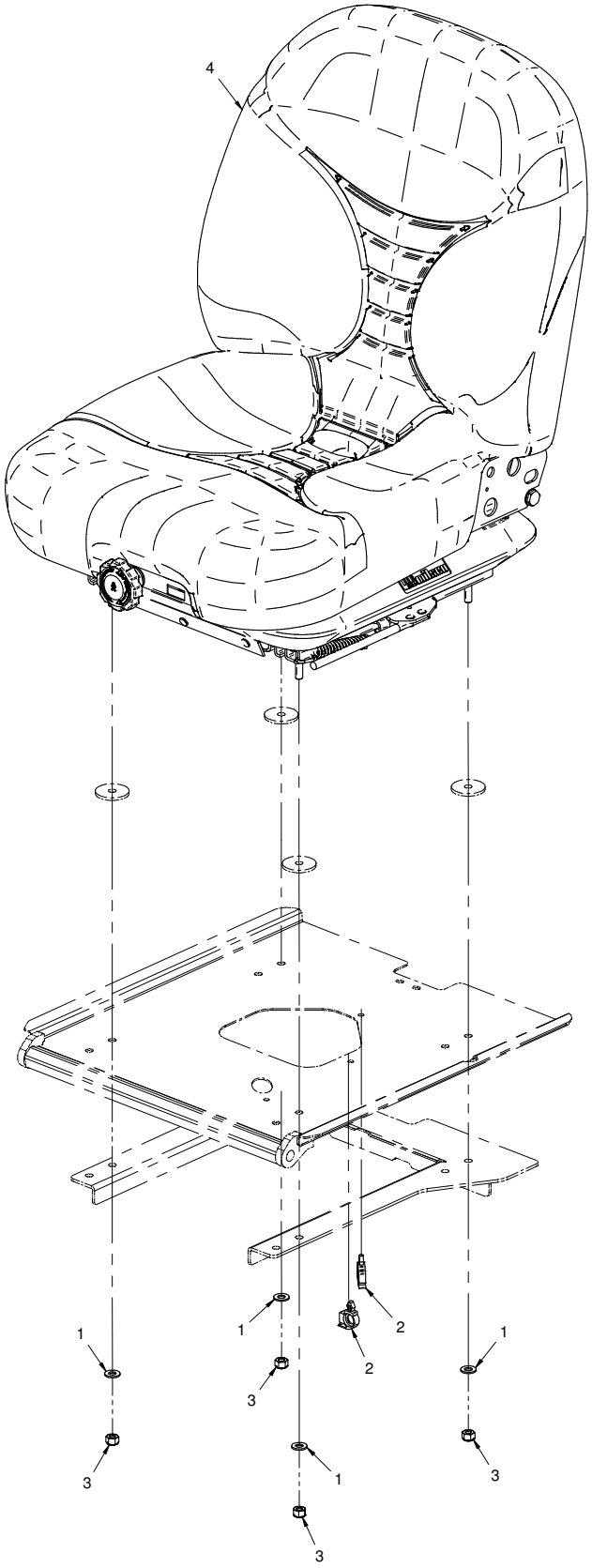
Optional Inner Tube
53.0077, 53.0101, & 53.0137

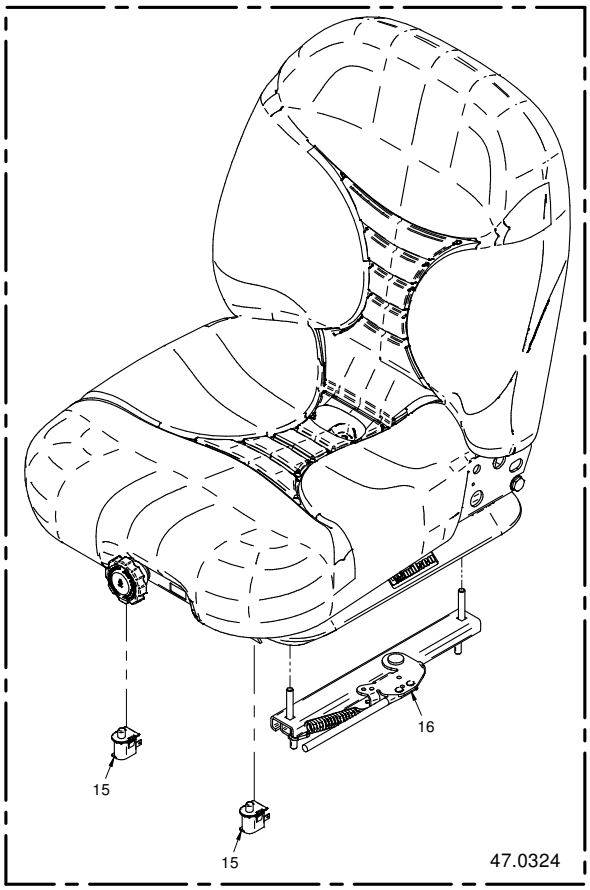
OPTIONS

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

ILLUSTRATED DRAWING
70.4111 Suspension Seat Kit

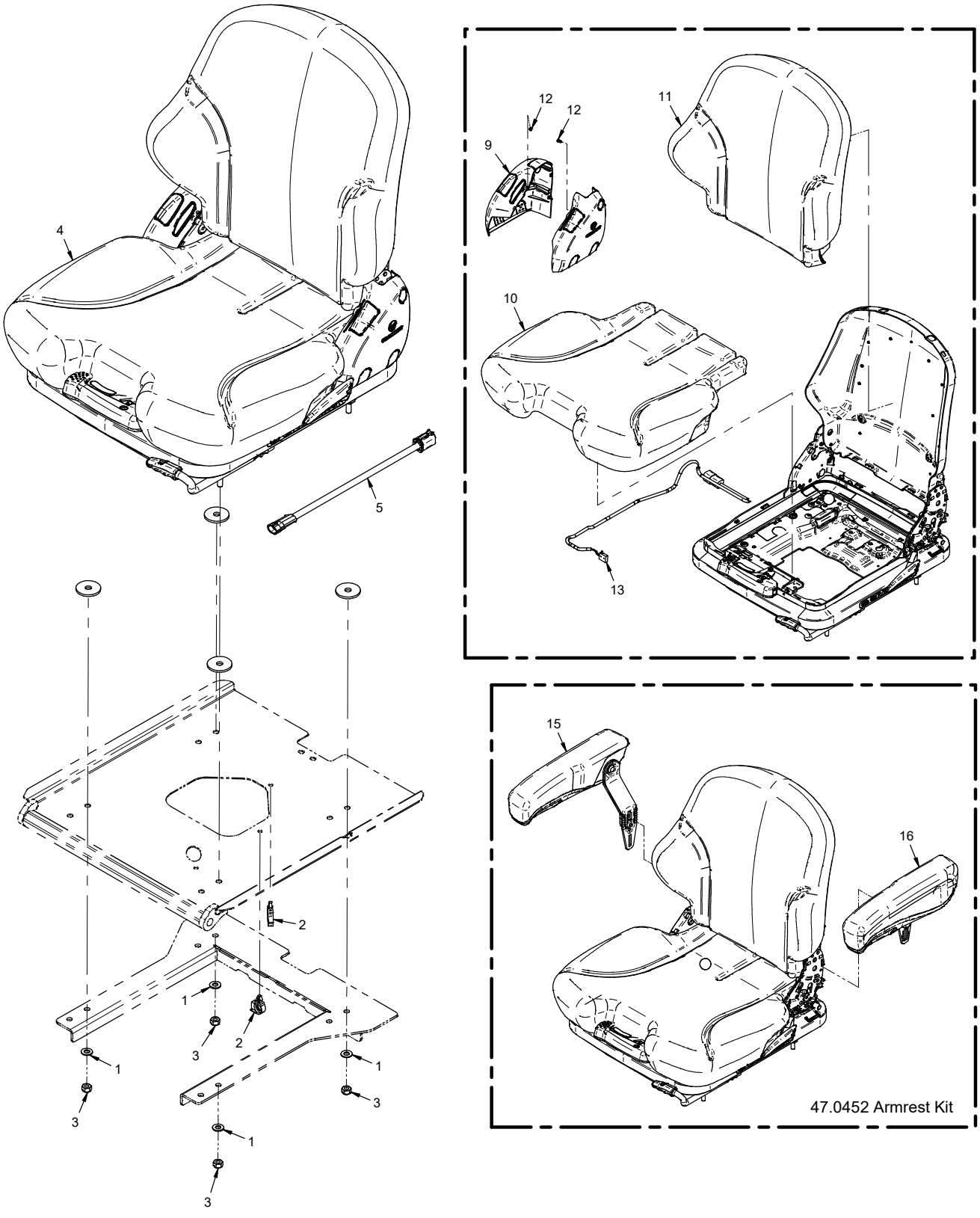




70.4111 Suspension Seat Kit

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

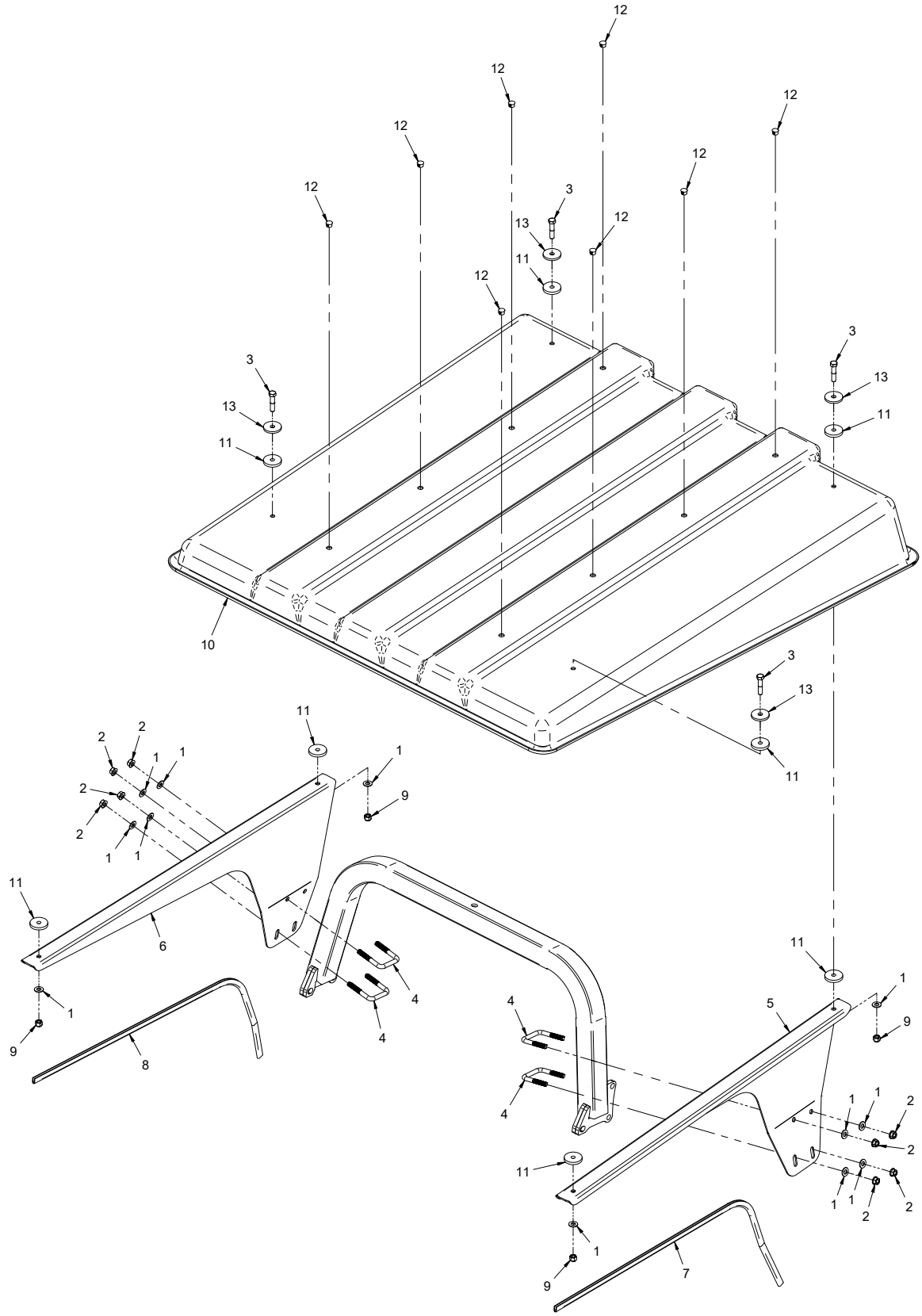
ILLUSTRATED DRAWING
70.4154 Suspension Seat Kit



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

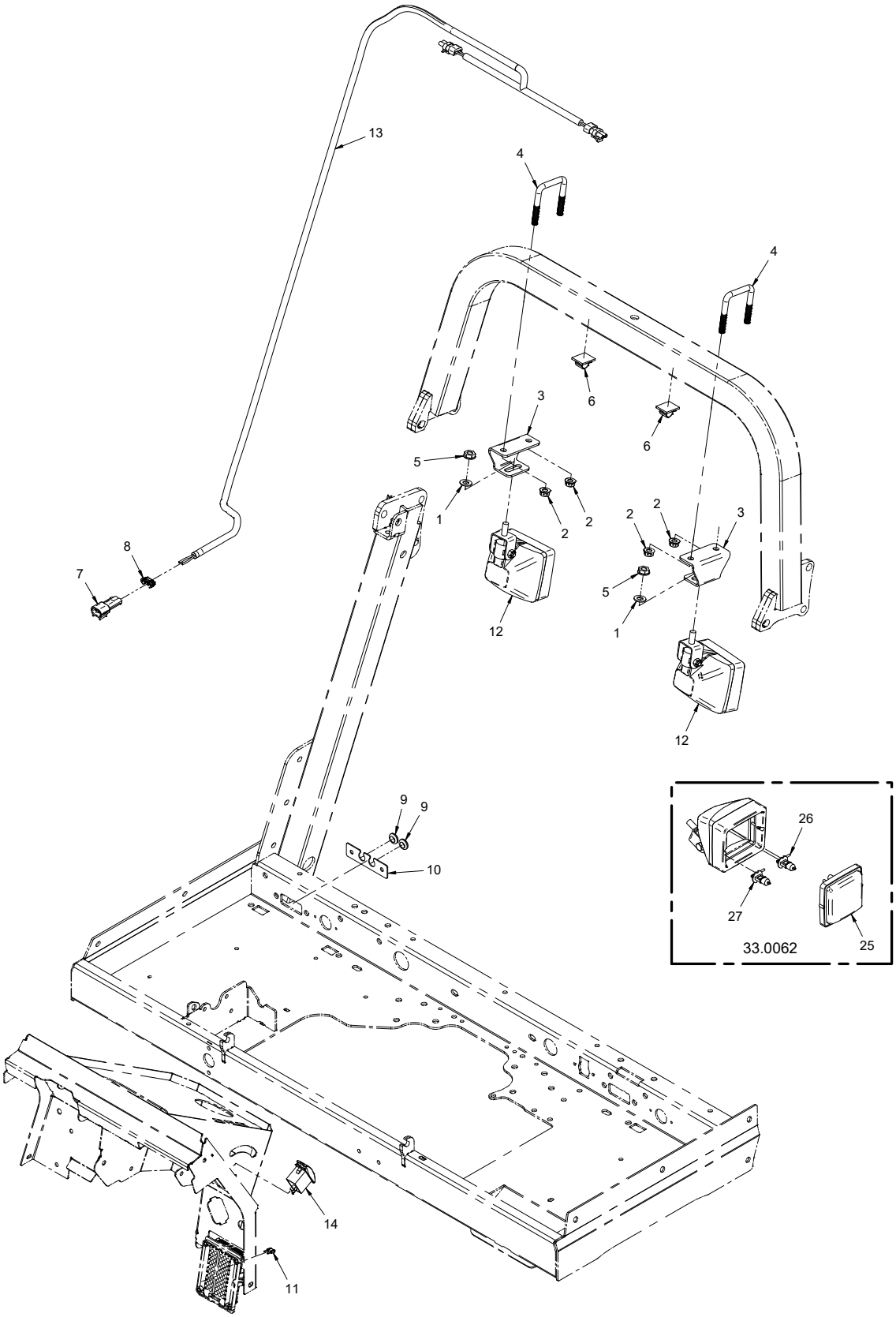
ILLUSTRATED DRAWING
70.0098 Canopy Kit



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

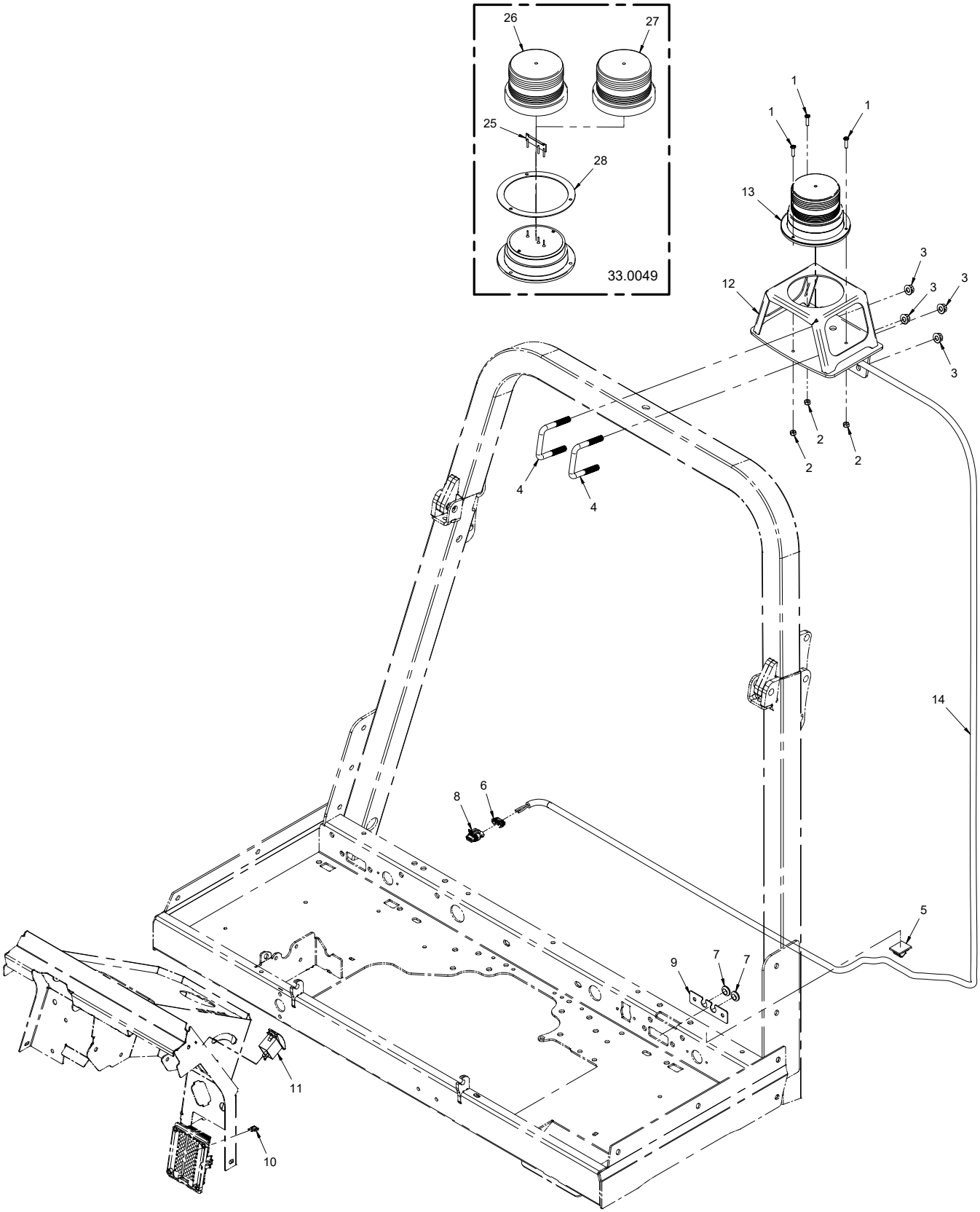
ILLUSTRATED DRAWING
70.4113 Work Light Kit



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

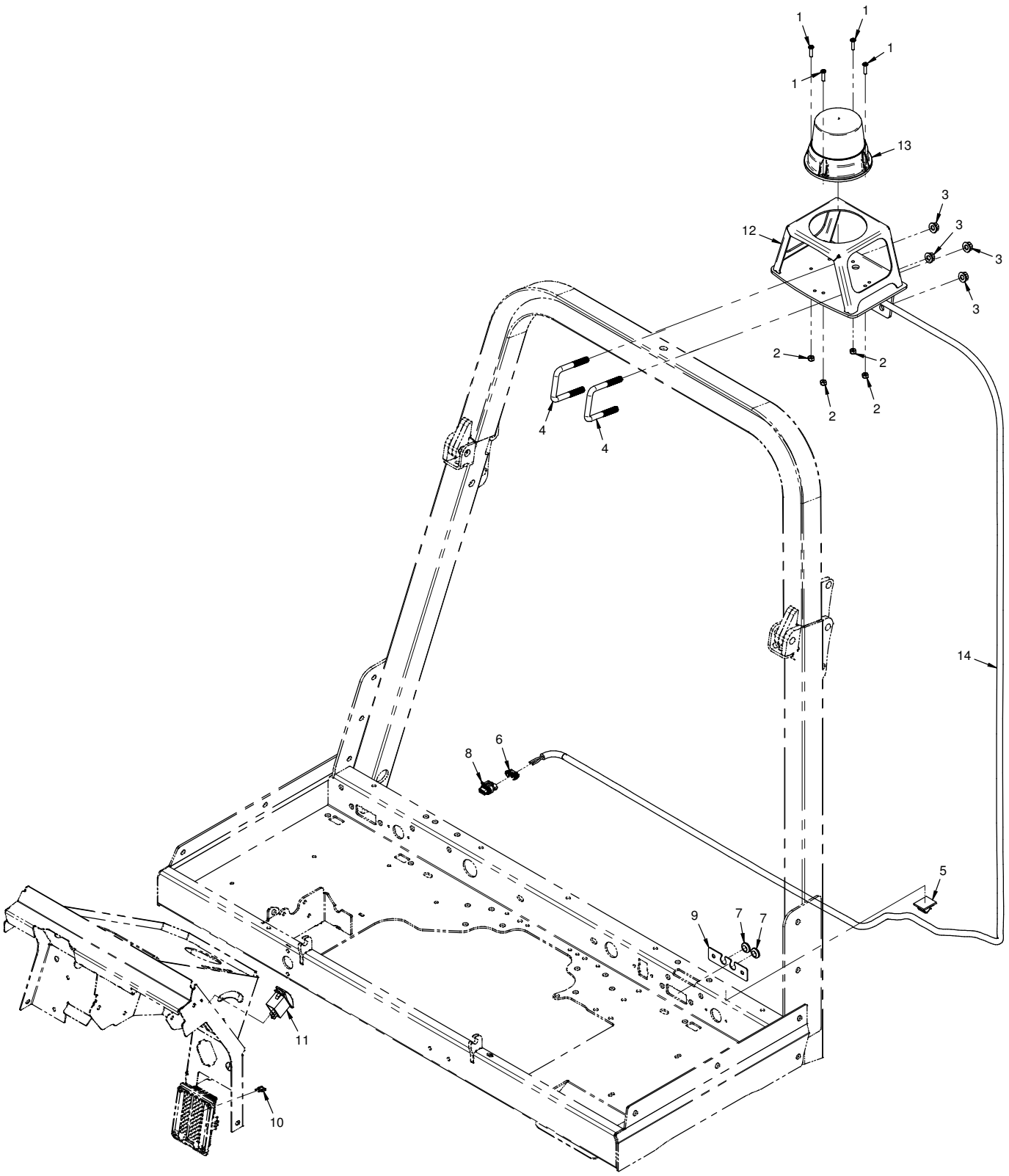
ILLUSTRATED DRAWING
70.4114 Strobe Light Kit



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

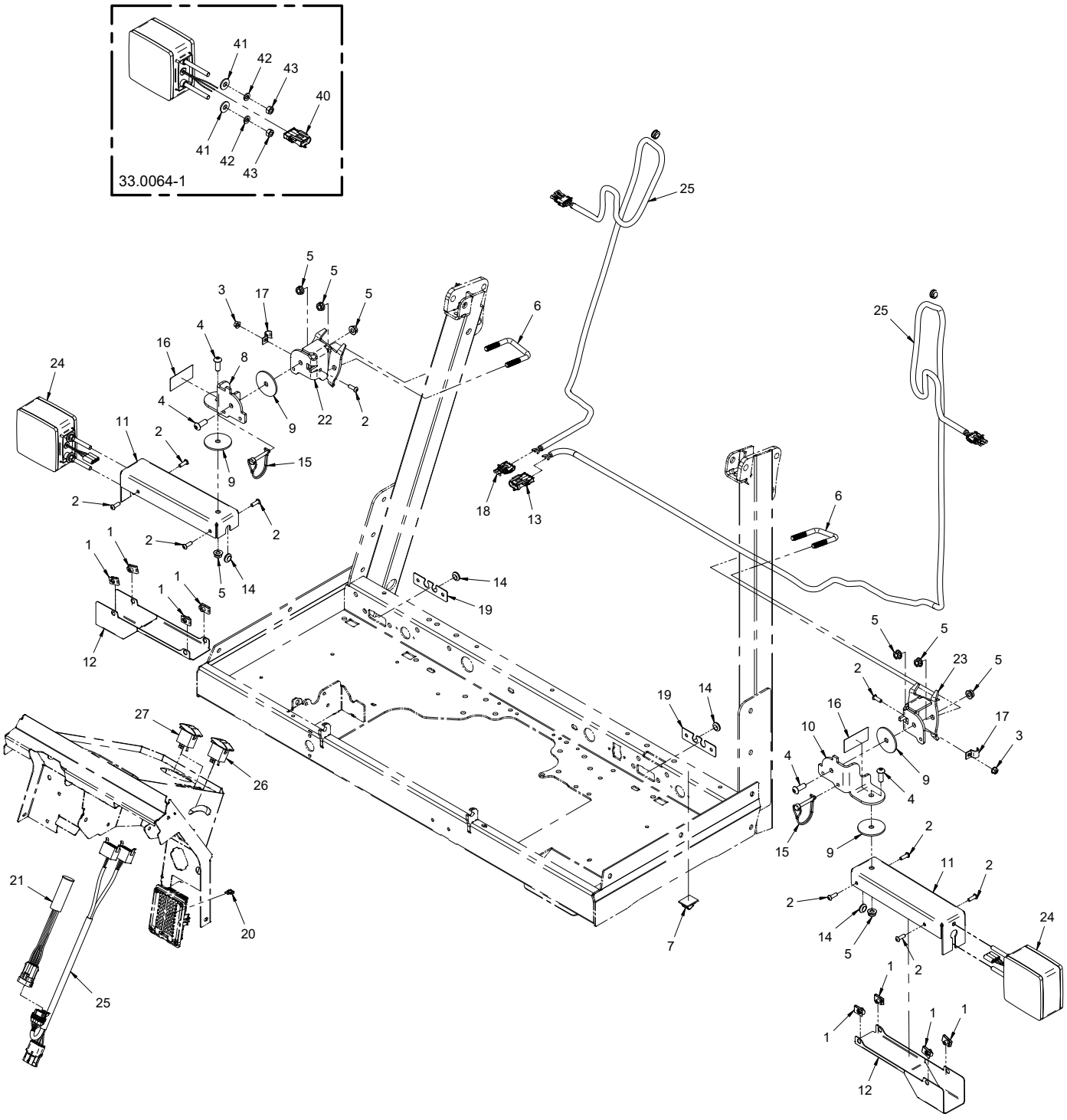
ILLUSTRATED DRAWING
70.4155 Strobe Light Kit



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

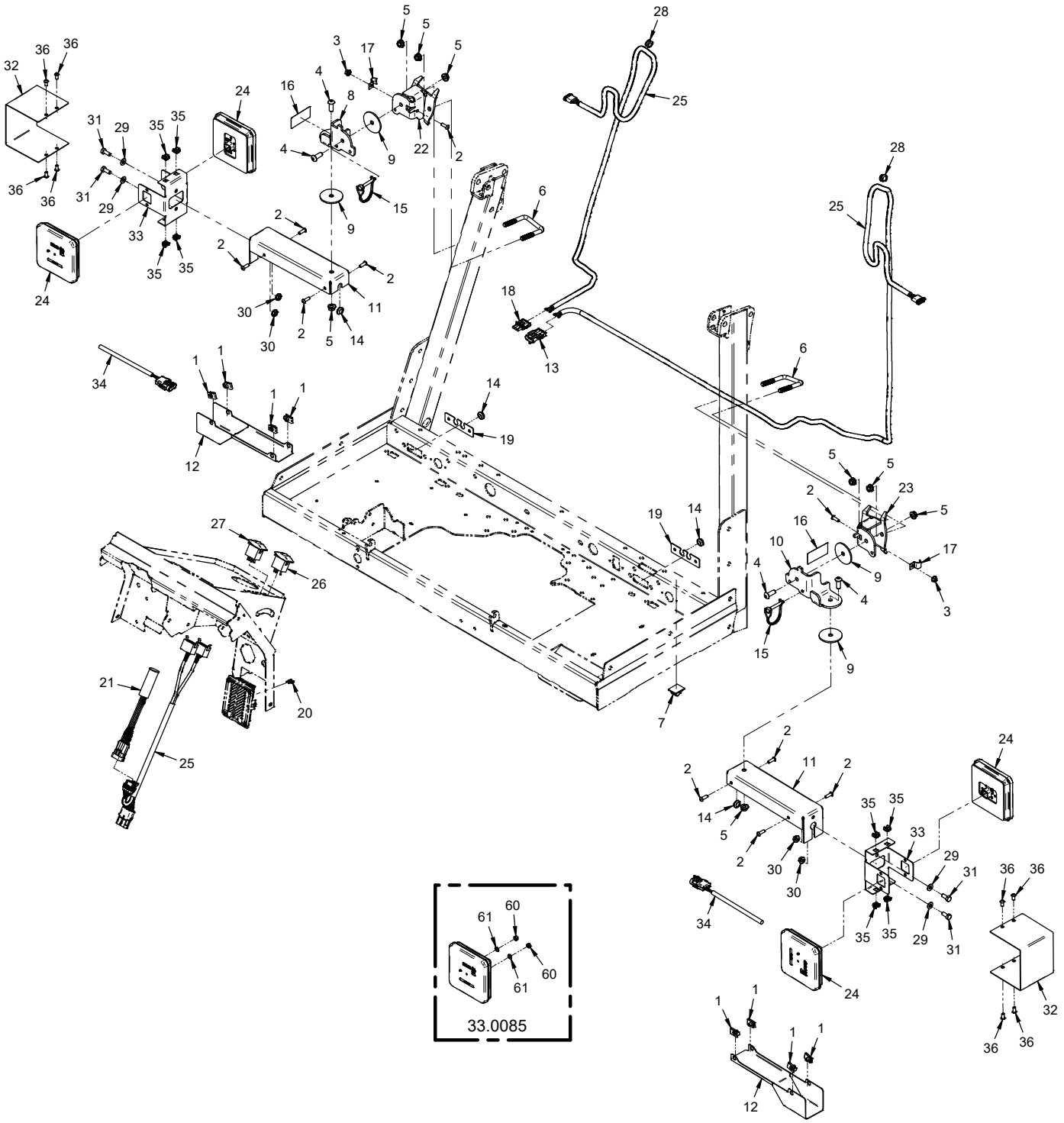
ILLUSTRATED DRAWING
70.4119 Directional / Hazard Light Kit



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, DIRECTONAL 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

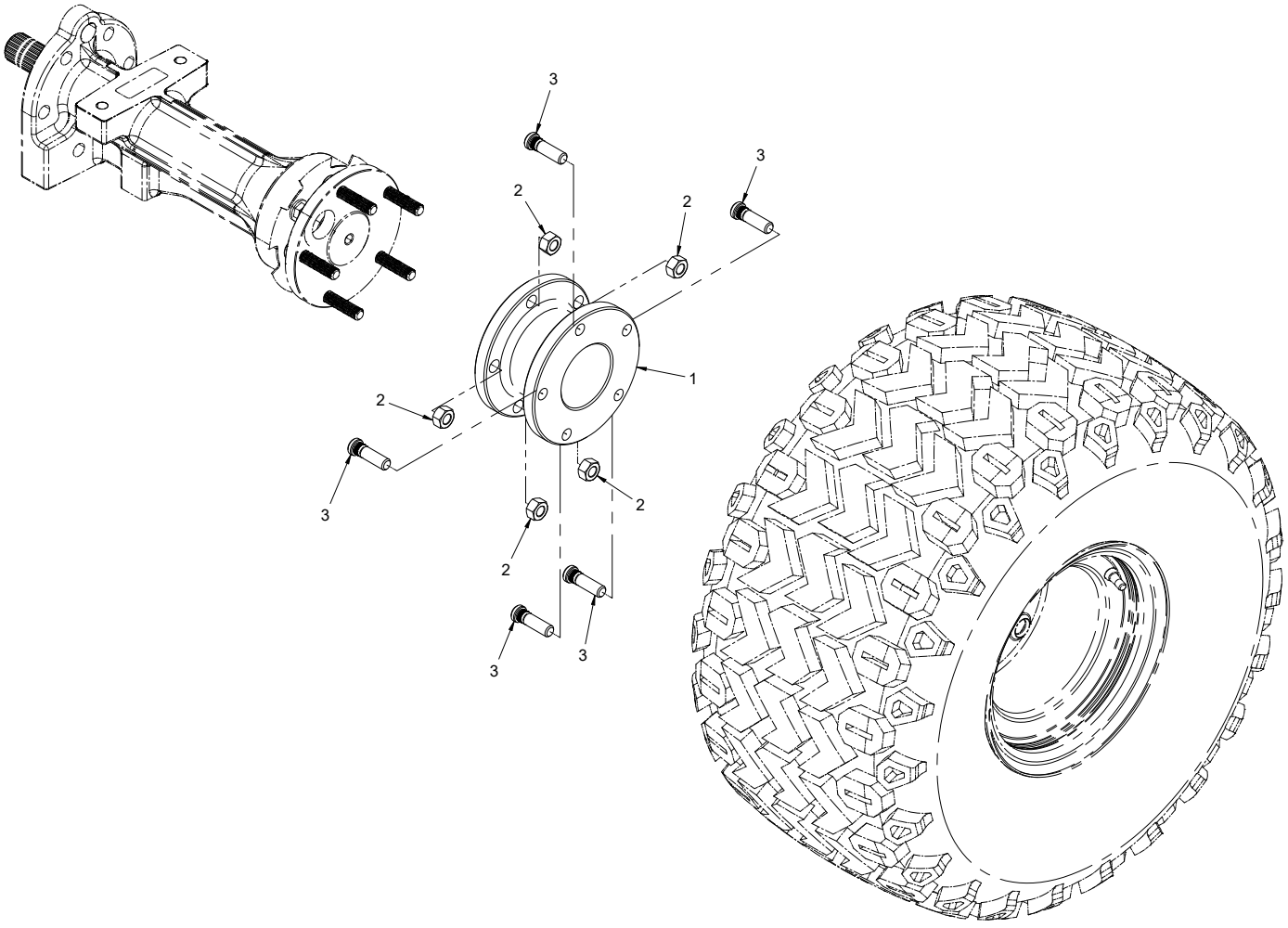
ILLUSTRATED DRAWING
70.4156 Directional / Hazard ECE Light Kit



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

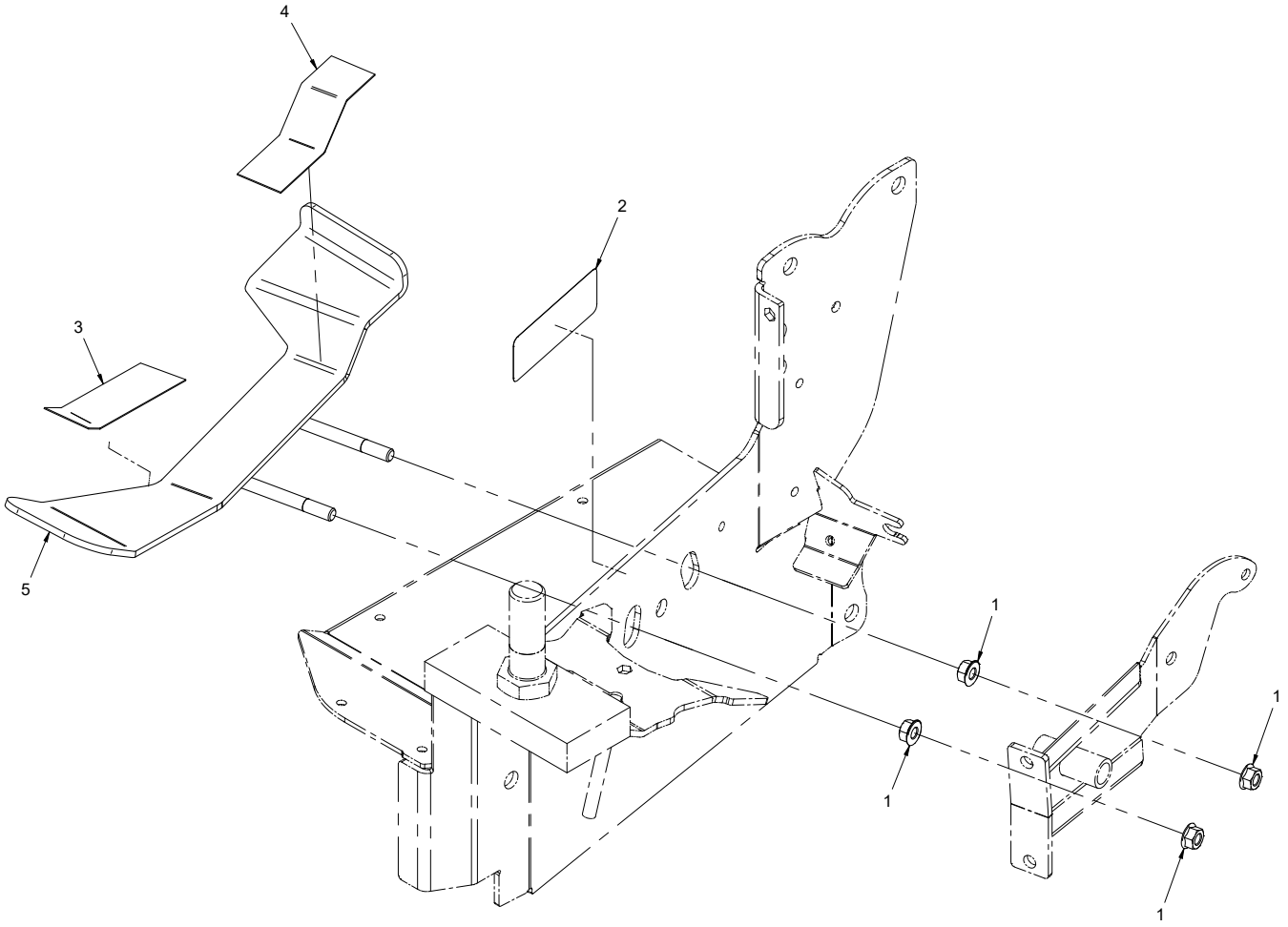
ILLUSTRATED DRAWING
70.4098 Wheel Extension Kit



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

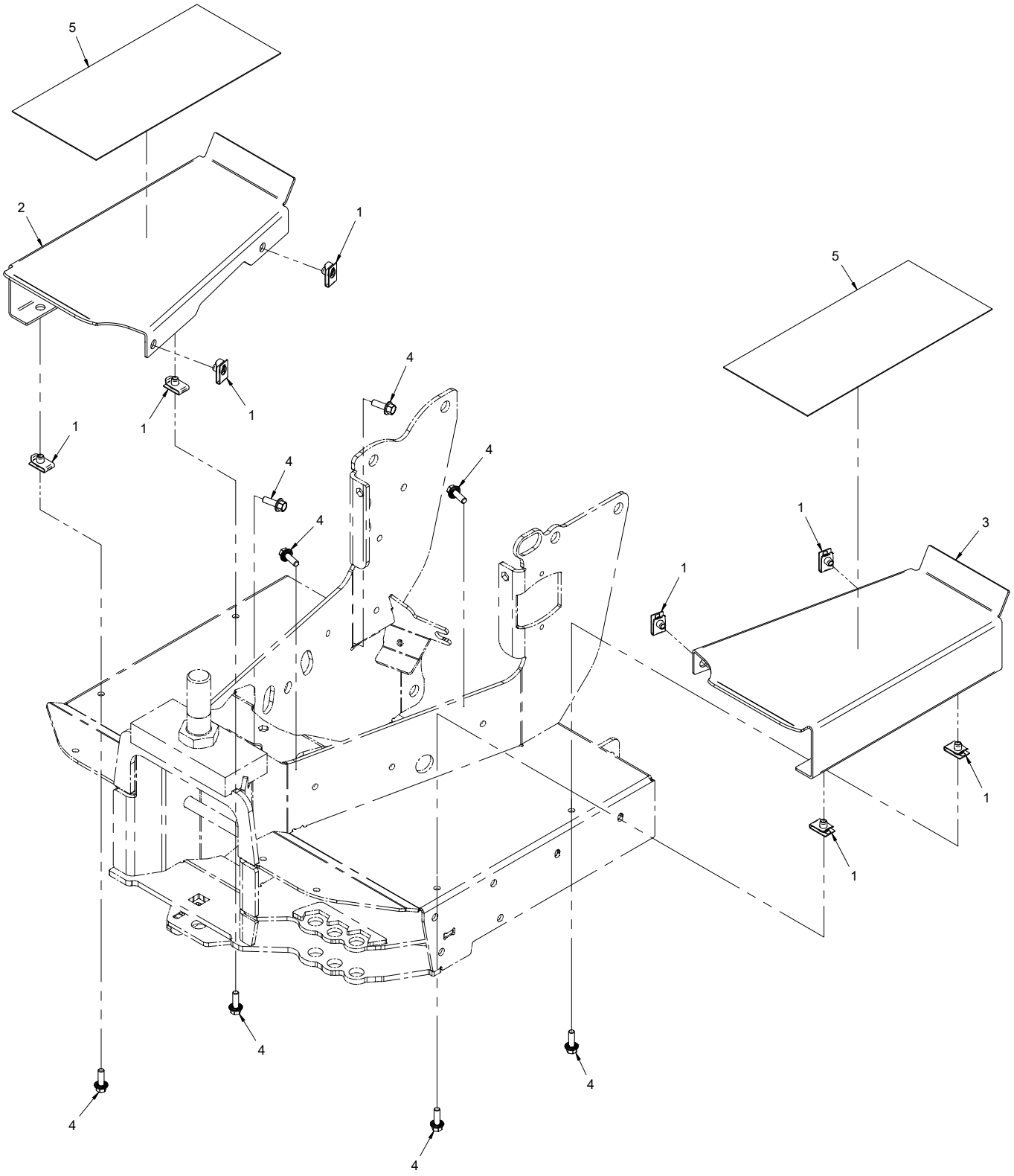
ILLUSTRATED DRAWING
70.4107 Foot Control Kit



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

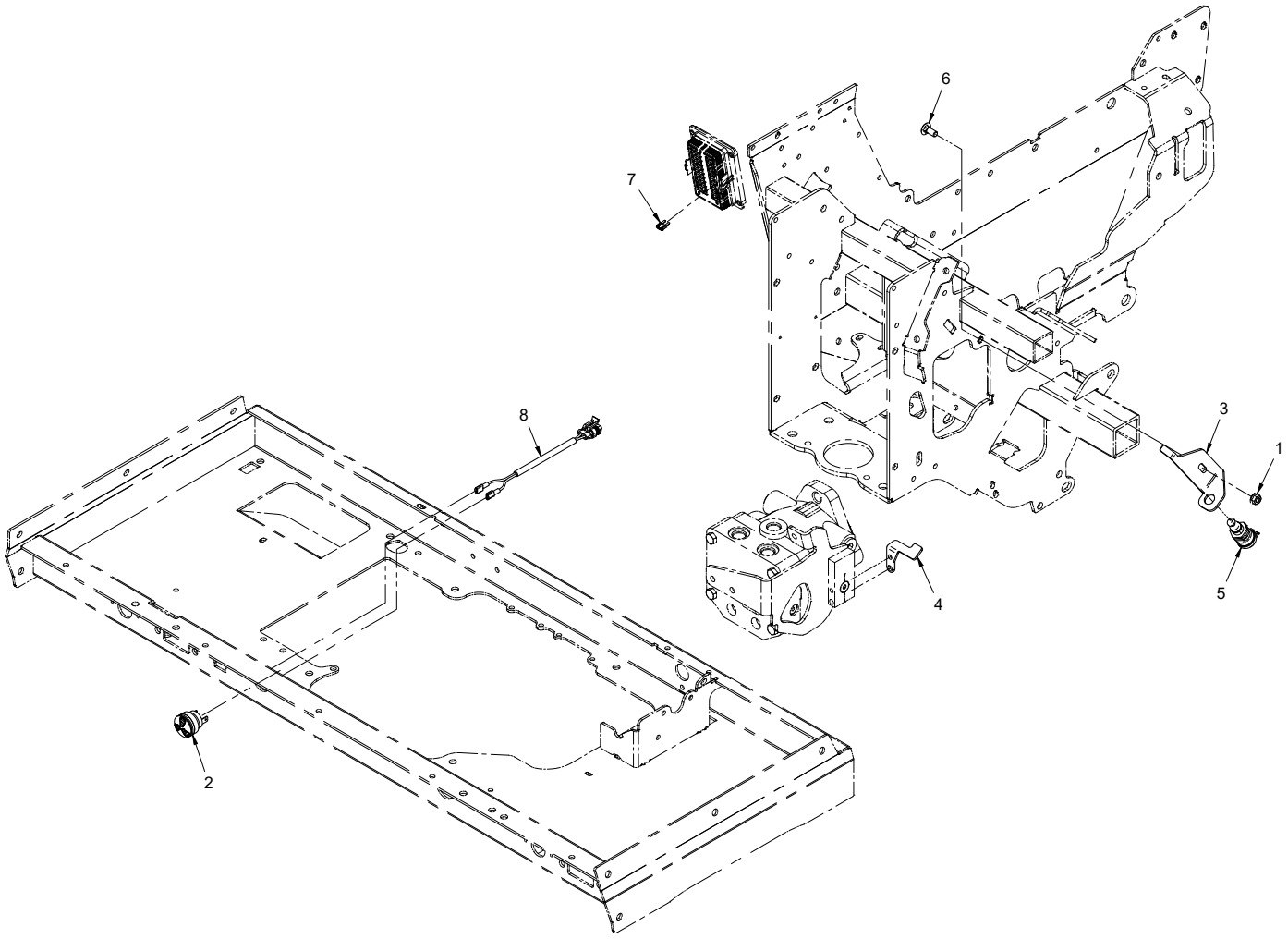
ILLUSTRATED DRAWING
70.4108 Raised Platform Kit



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

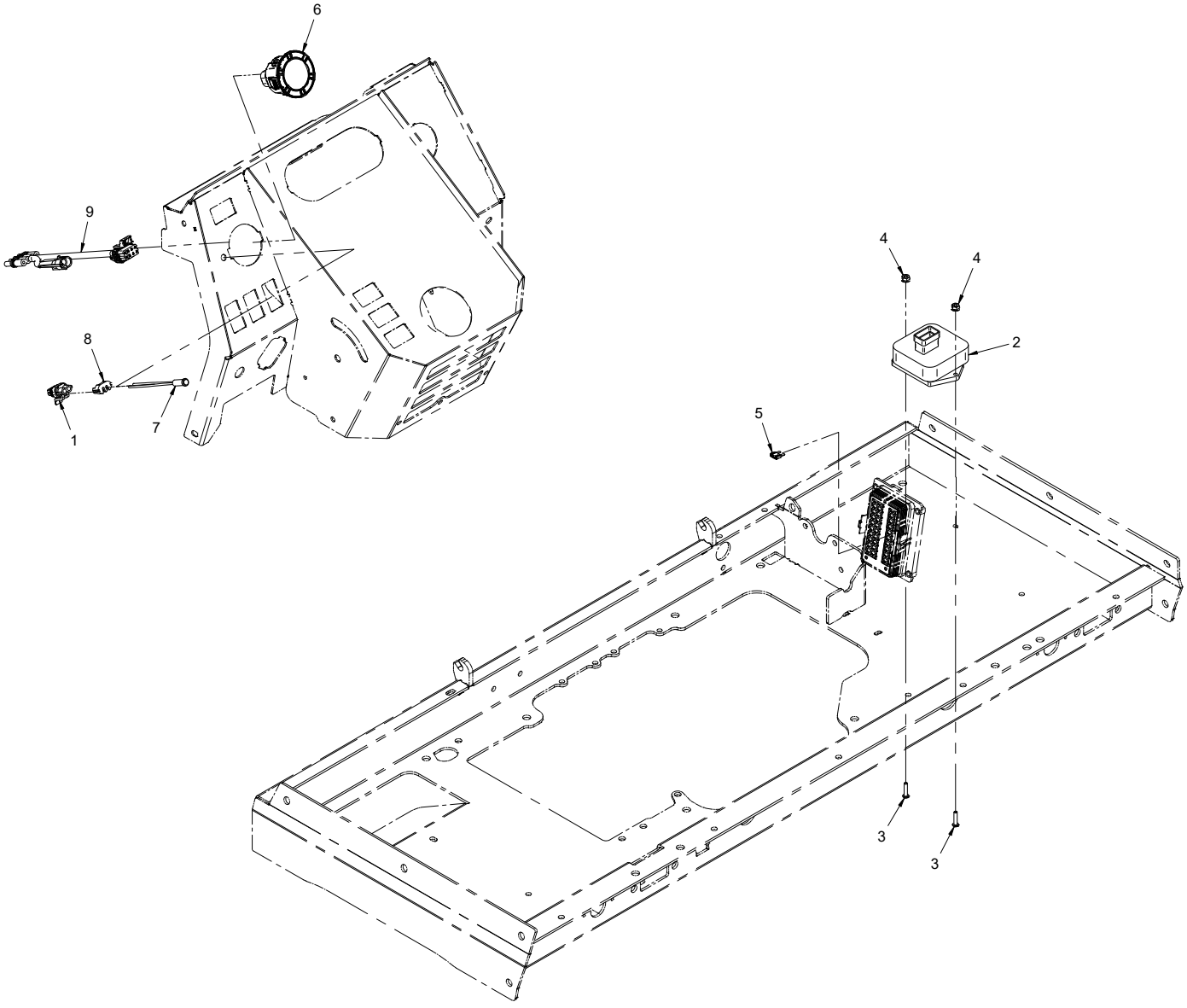
ILLUSTRATED DRAWING
70.4101 Backup Alarm Kit



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 SWTCH 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

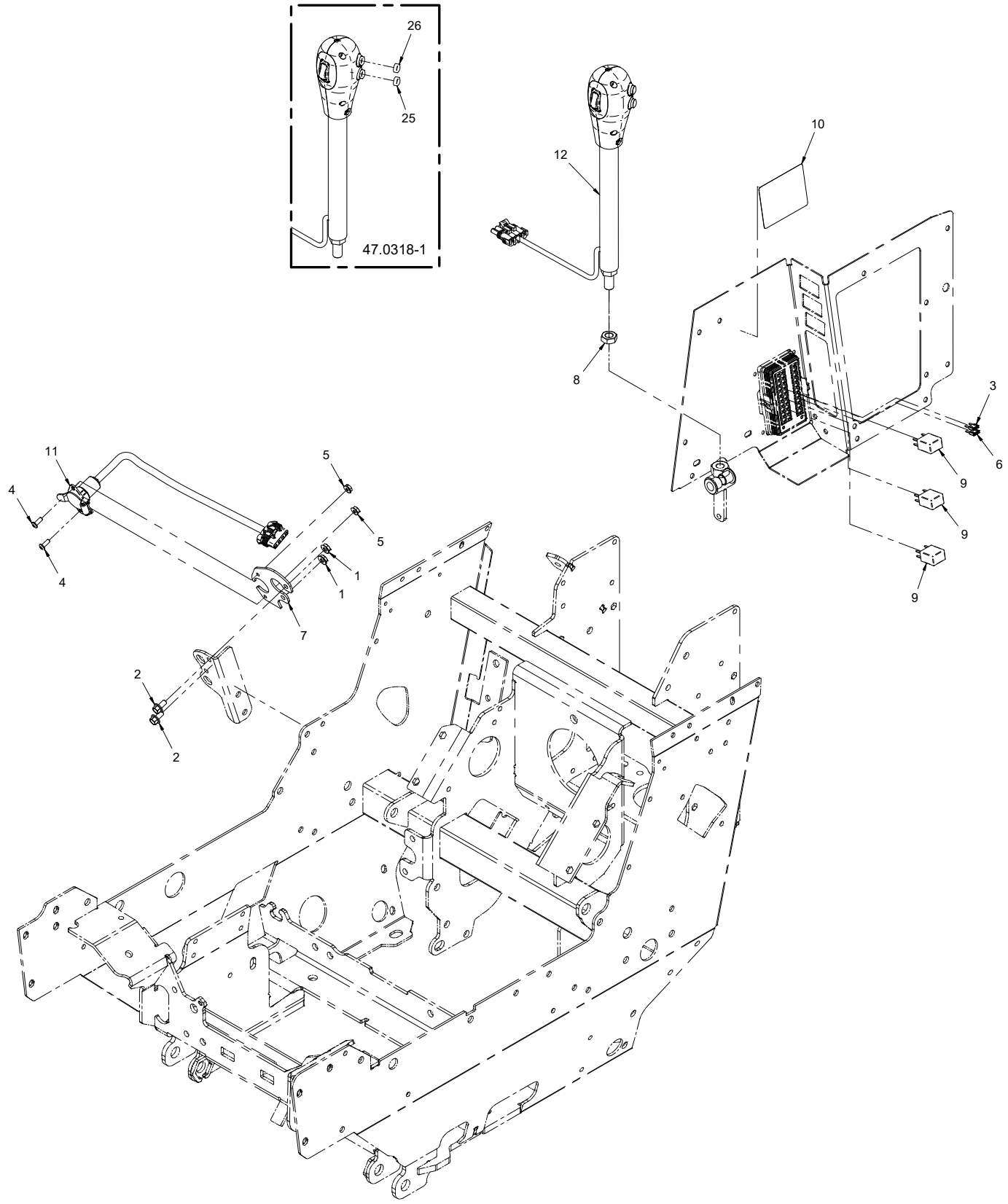
ILLUSTRATED DRAWING
70.4112 Slope Indicator Kit



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

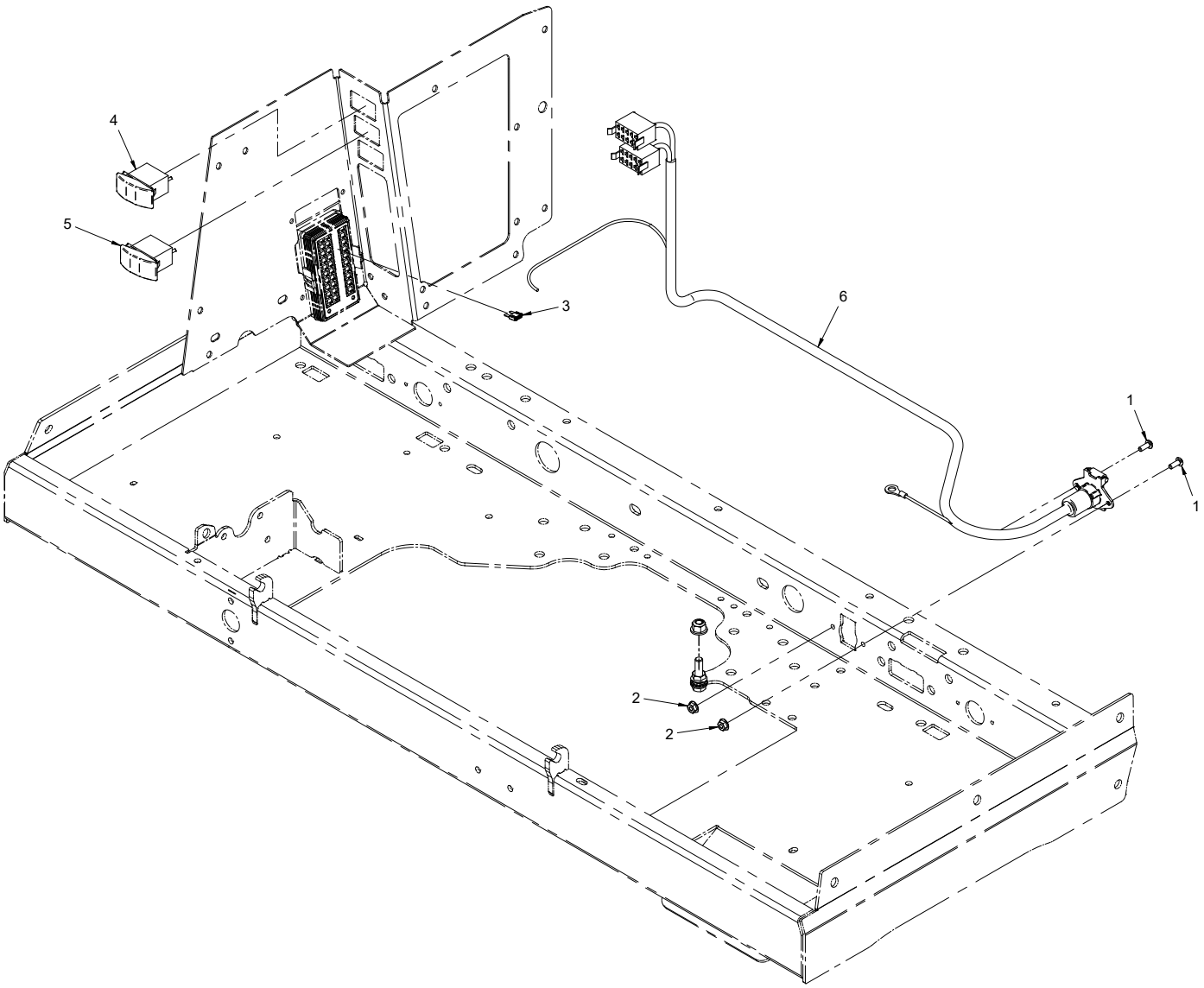
ILLUSTRATED DRAWING
70.4104 12 Volt Front Plug Kit



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

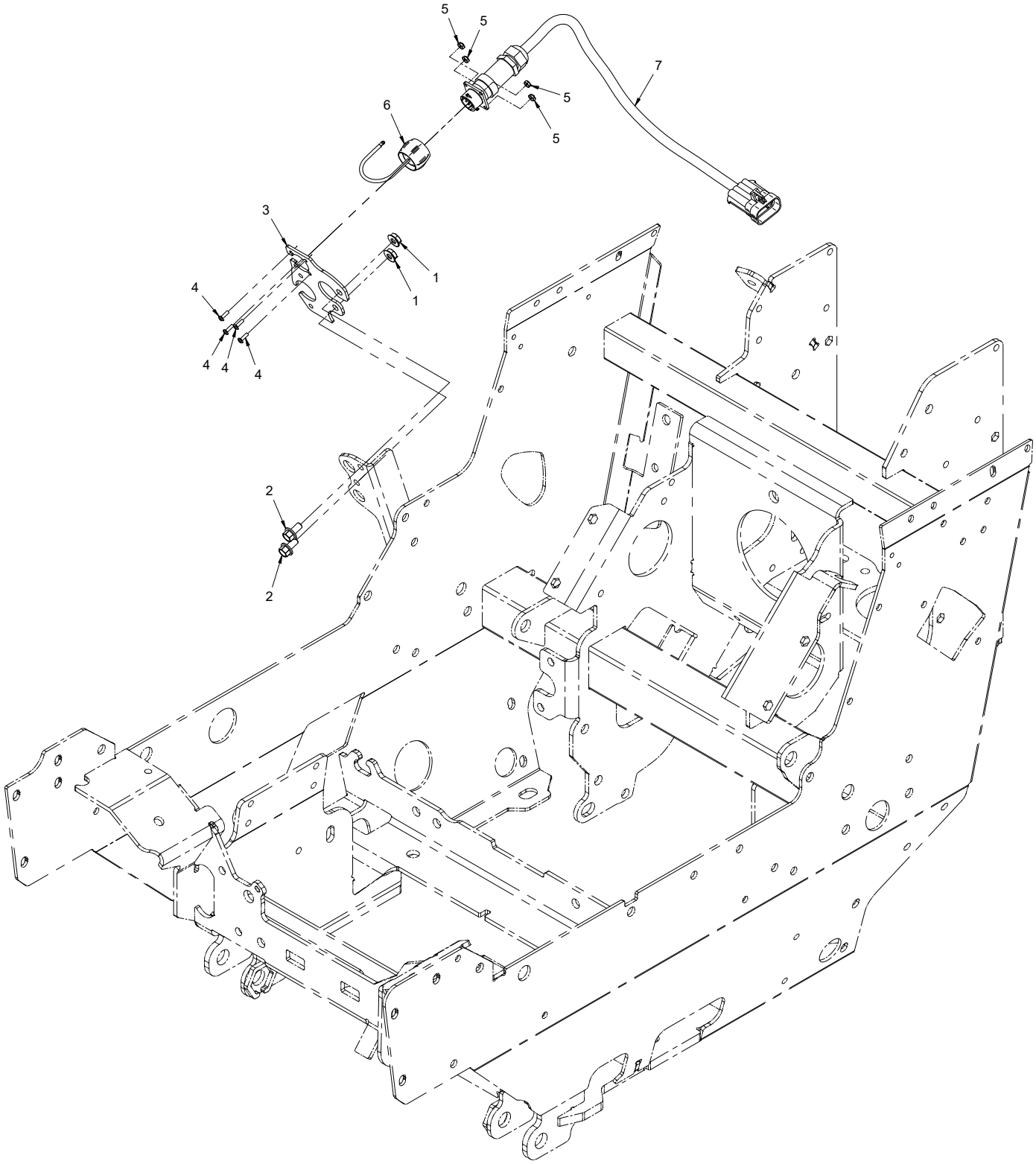
ILLUSTRATED DRAWING
70.4105 12 Volt Rear Plug Kit



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

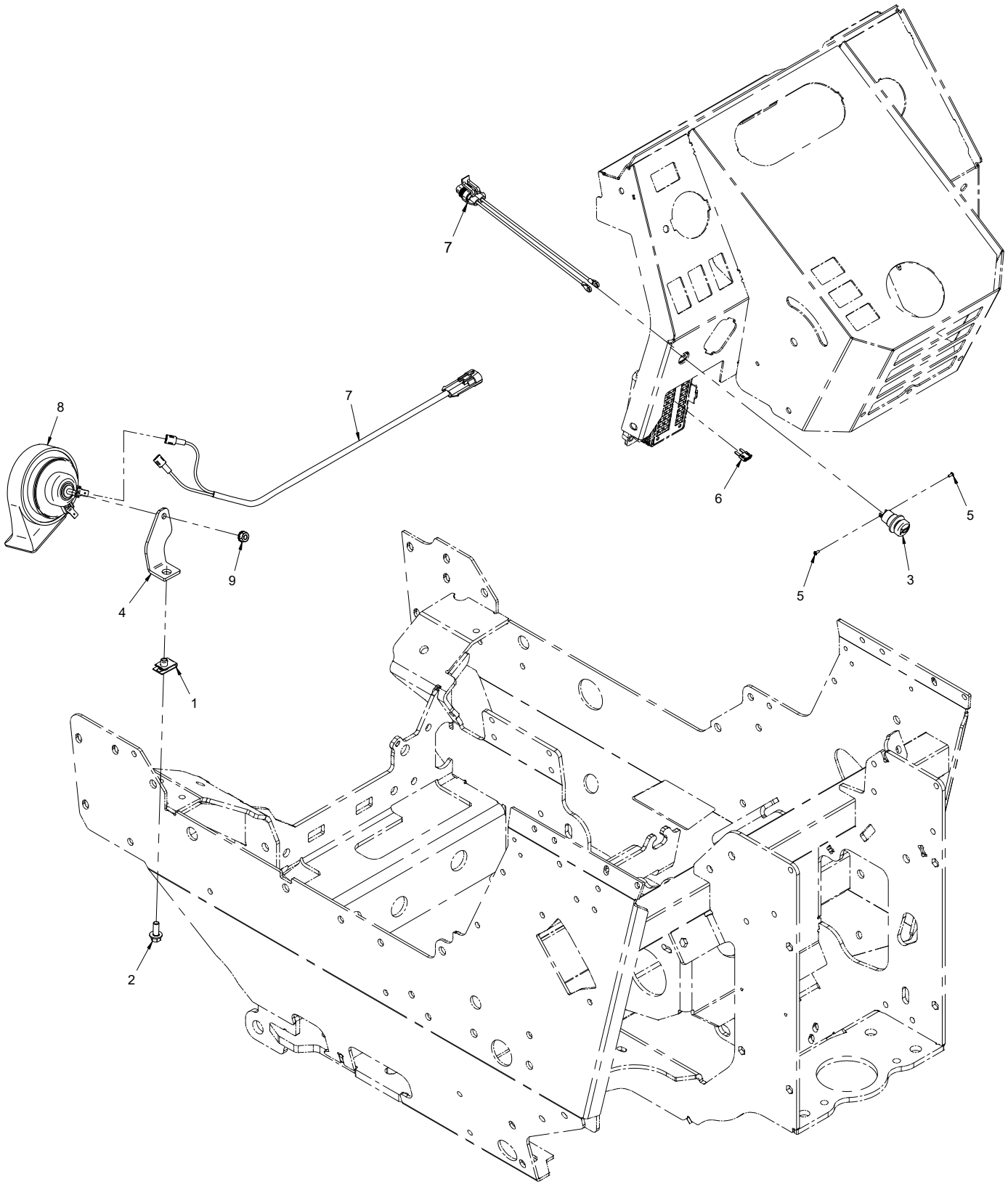
ILLUSTRATED DRAWING
70.4106 PTO Remote Kit



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

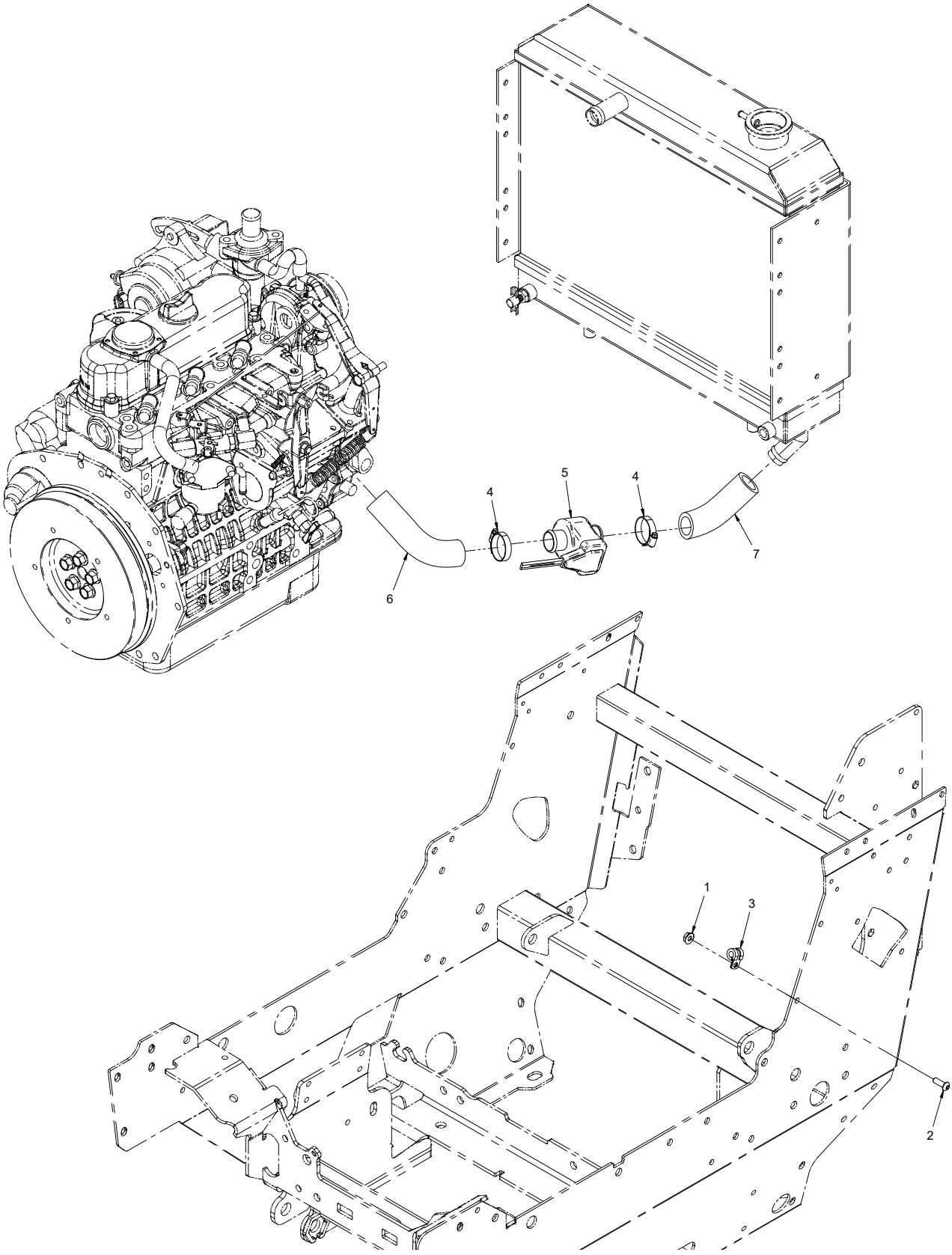
ILLUSTRATED DRAWING
70.4120 Horn Kit



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

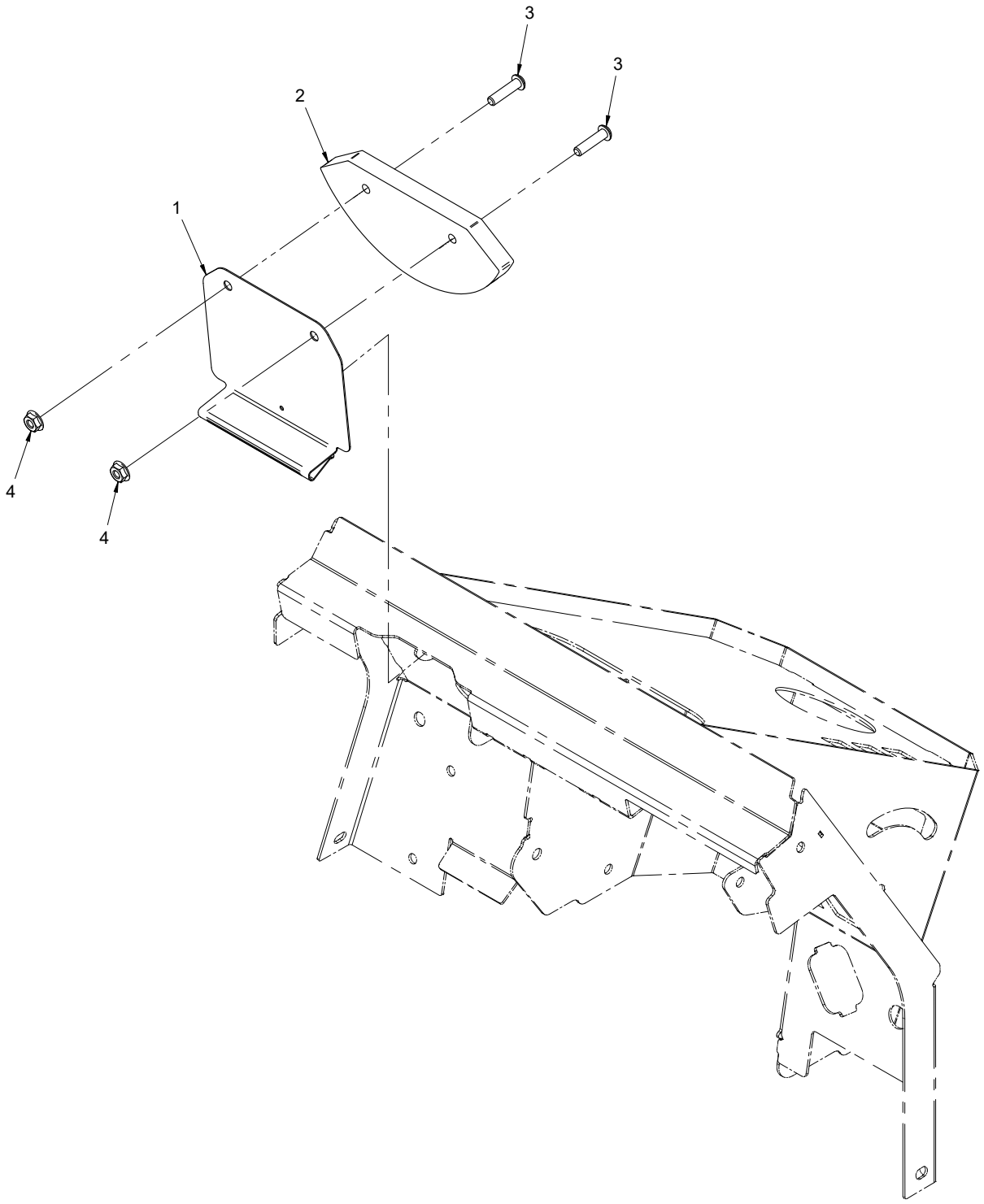
ILLUSTRATED DRAWING
70.4102 Kubota Engine Heater Kit



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

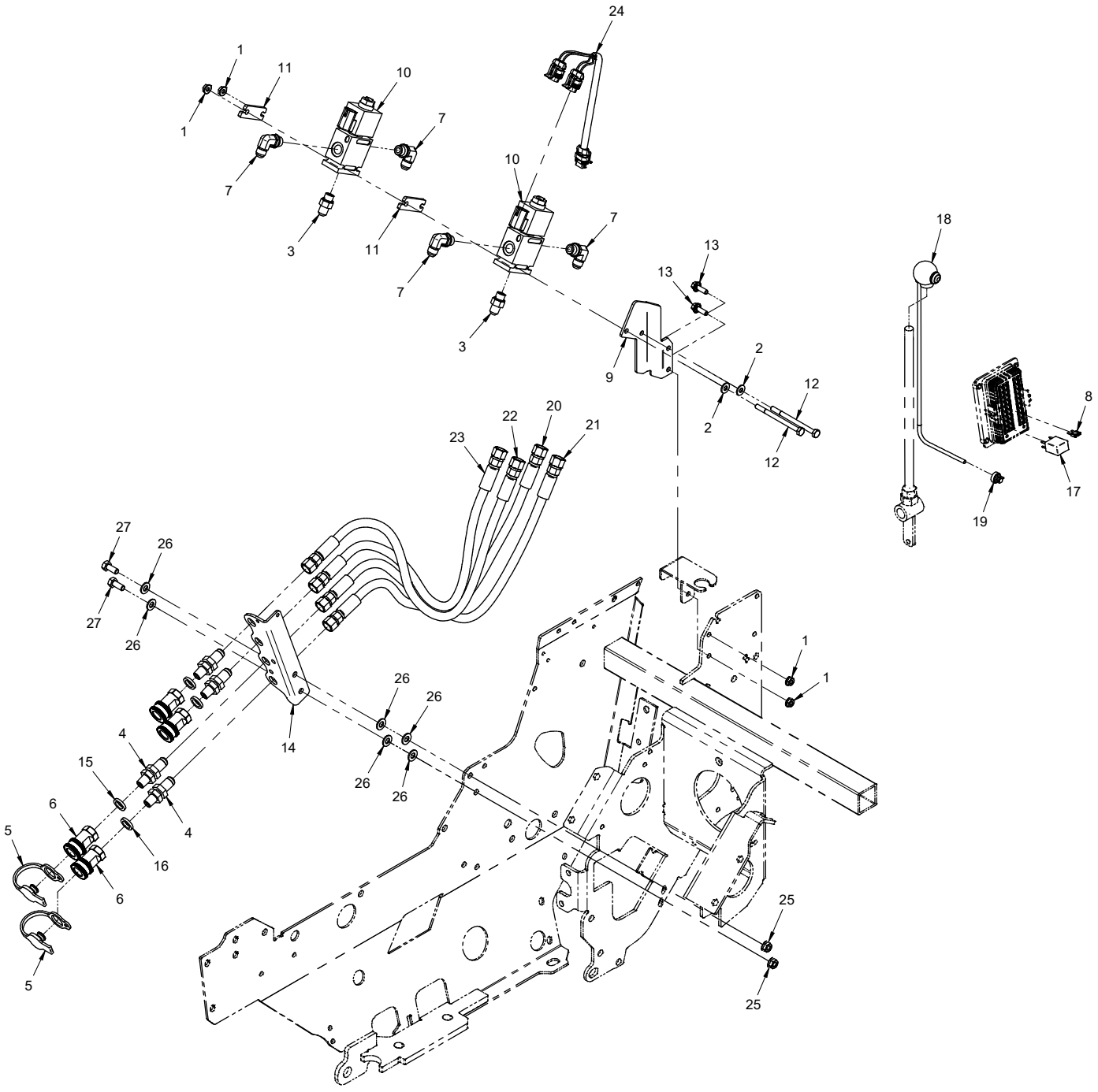
ILLUSTRATED DRAWING
70.4135 Slope Indicator Kit



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

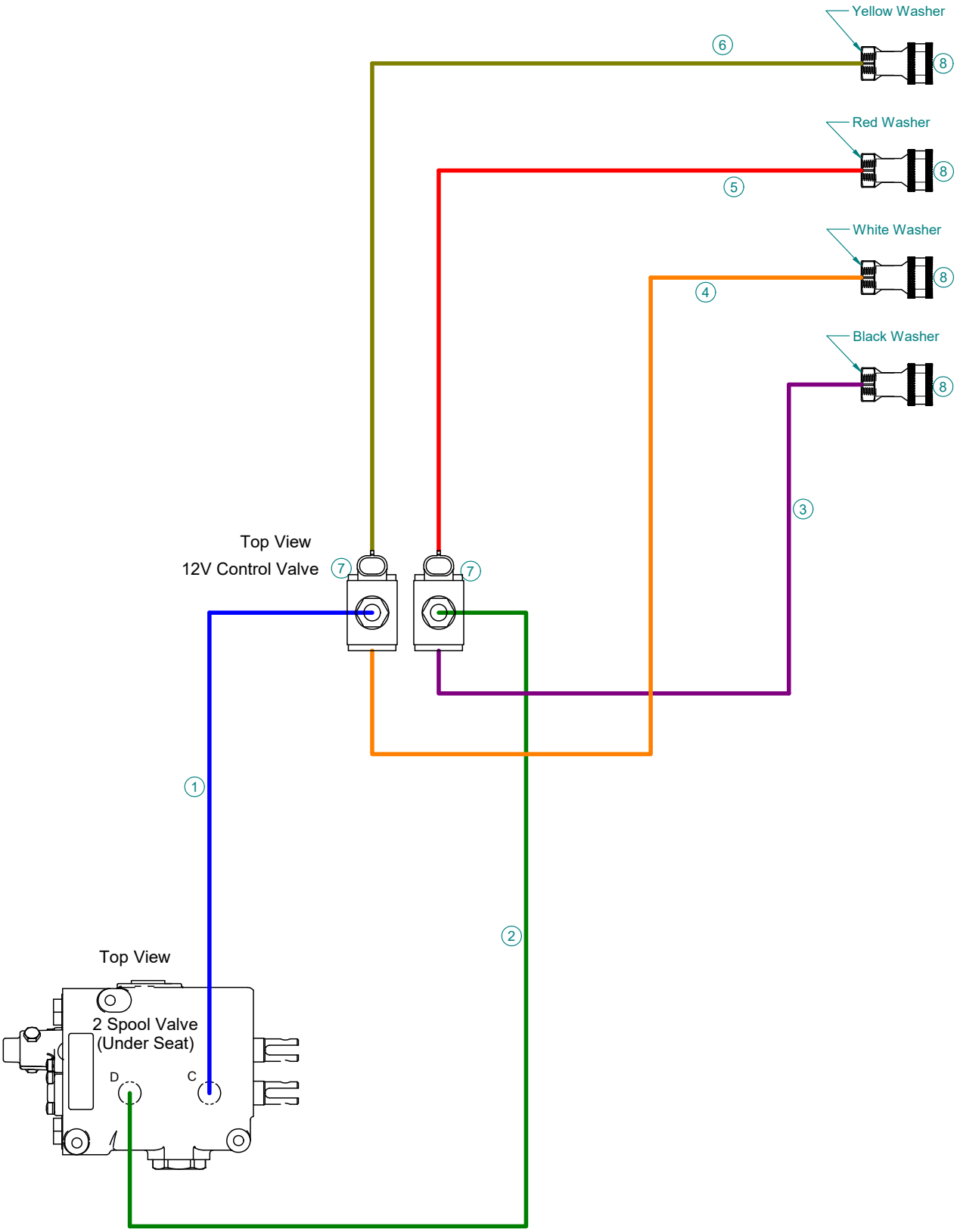
ILLUSTRATED DRAWING
70.4109 Dual Front Hydraulic Auxiliary Kit



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

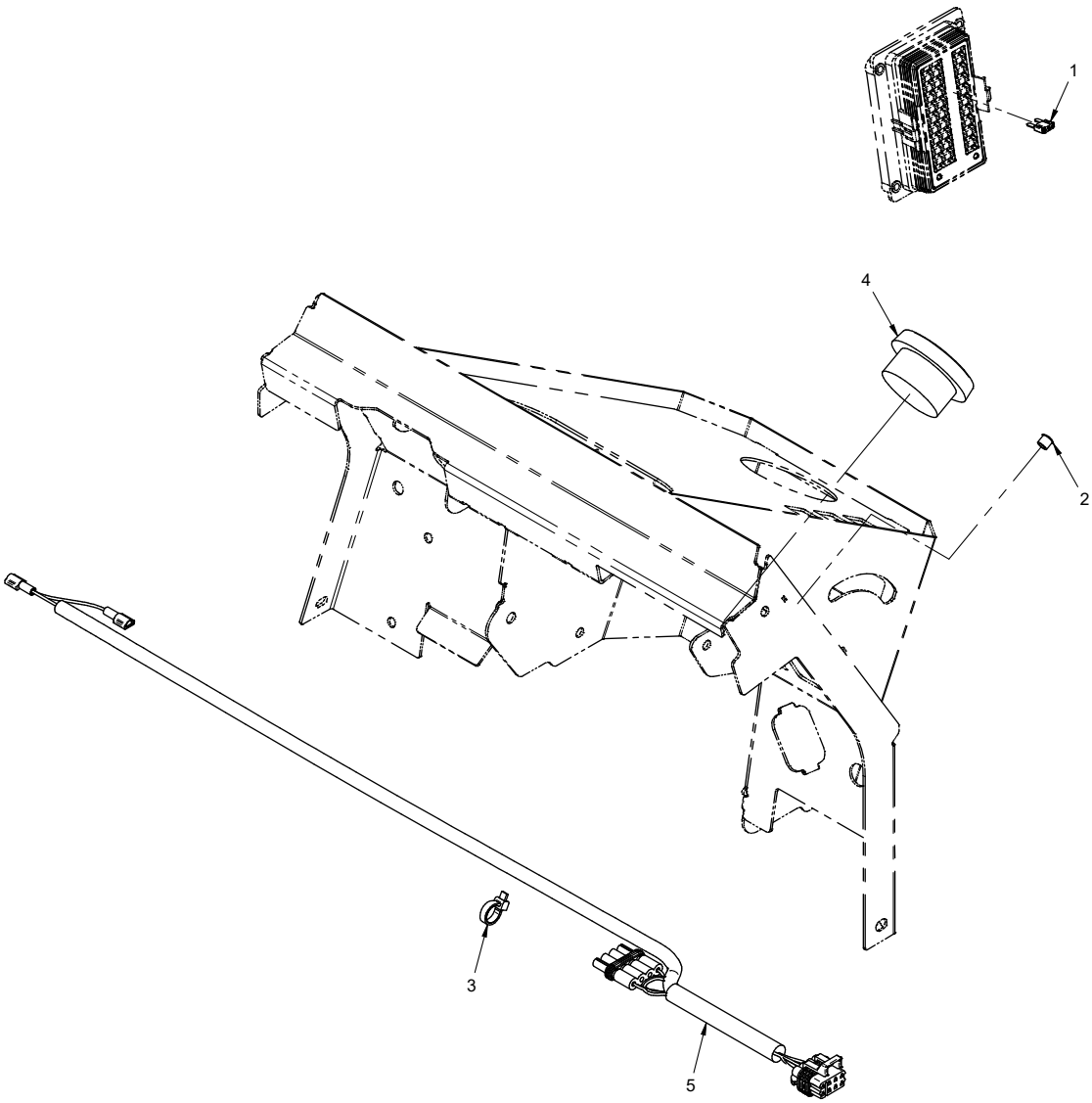
ILLUSTRATED DRAWING
Dual Front Hydraulic Auxiliary Diagram



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

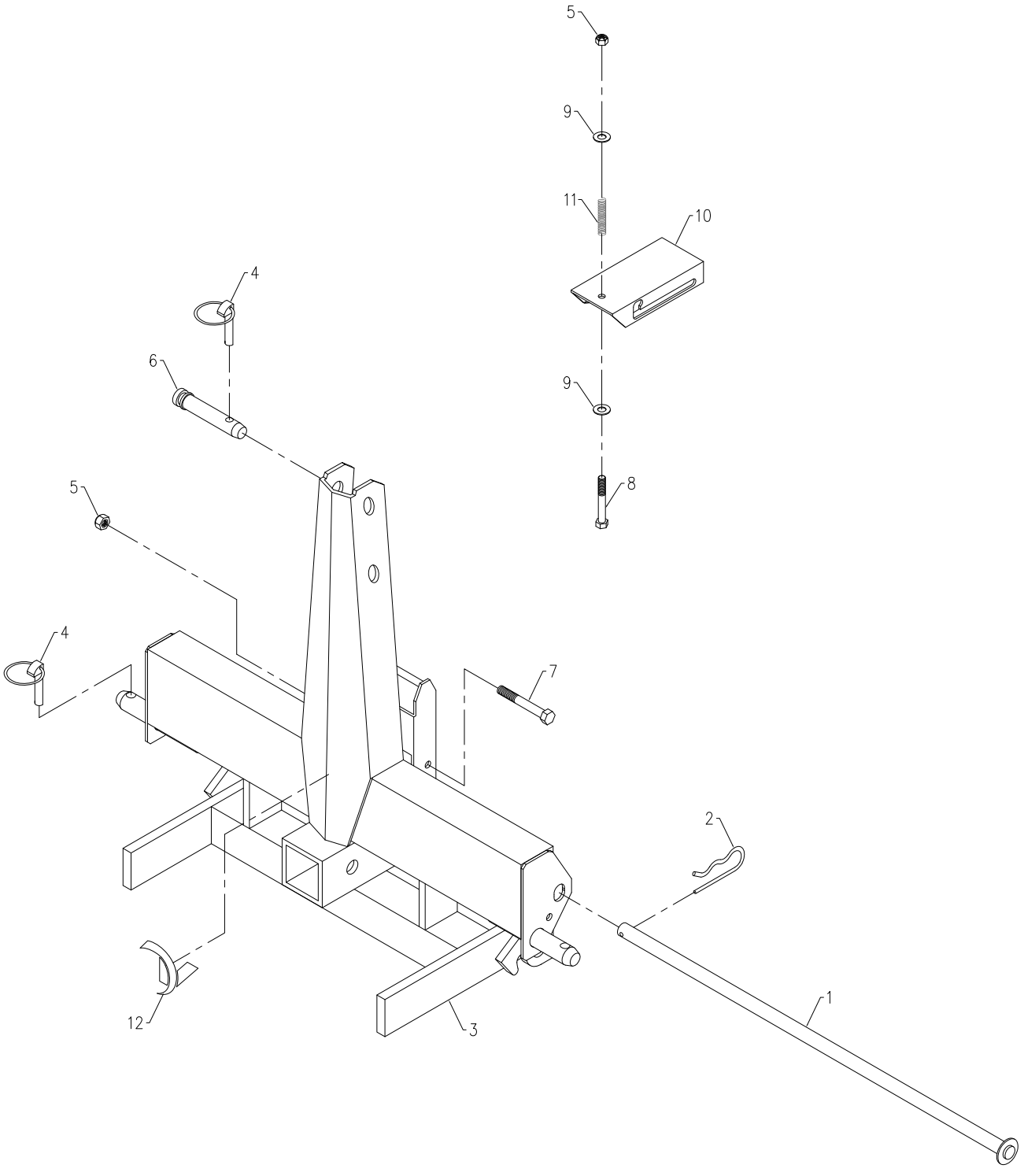
ILLUSTRATED DRAWING
70.4140 Slope Indicator Kit



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

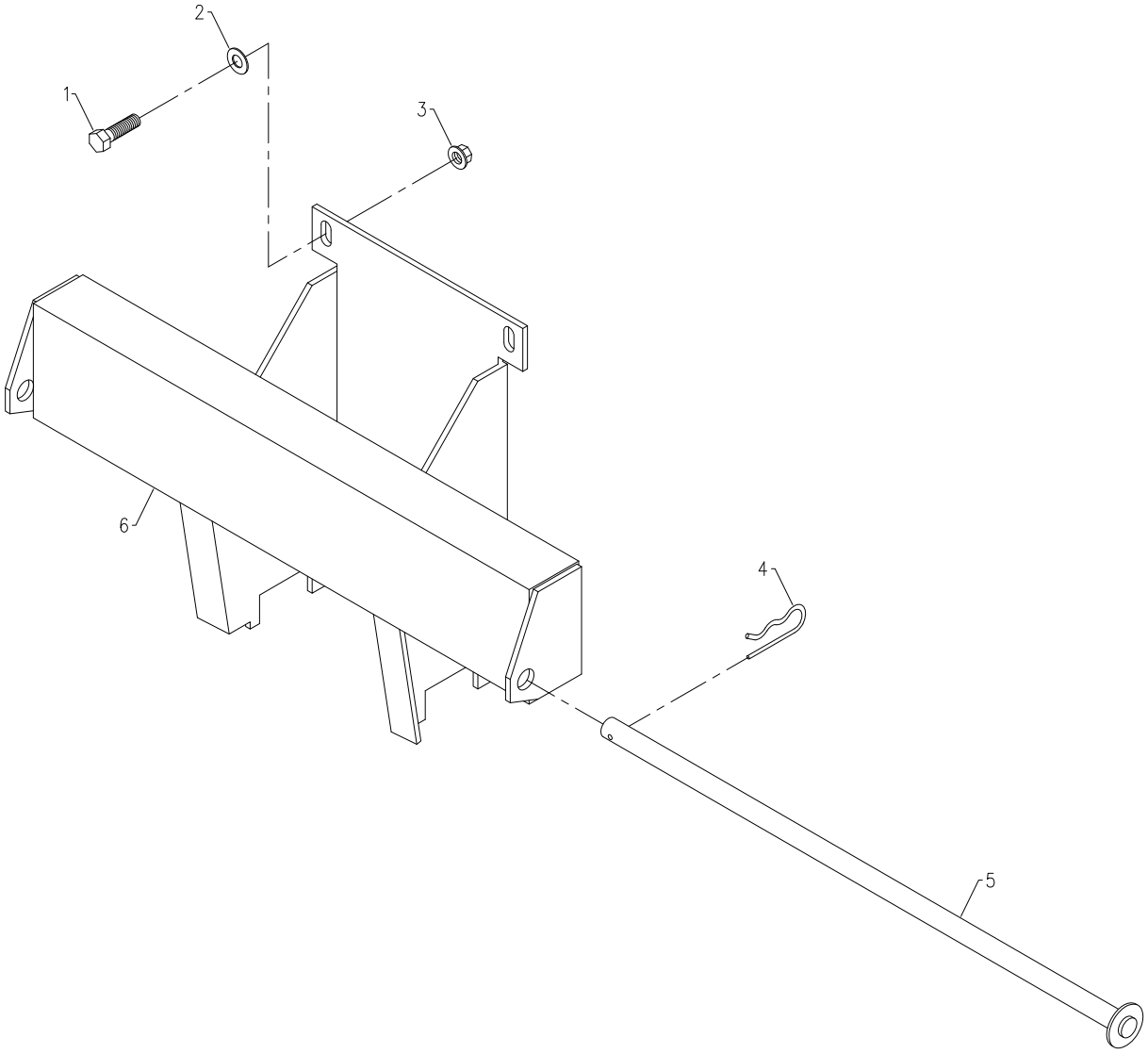
ILLUSTRATED DRAWING
39.56114 3N1 Hitch



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

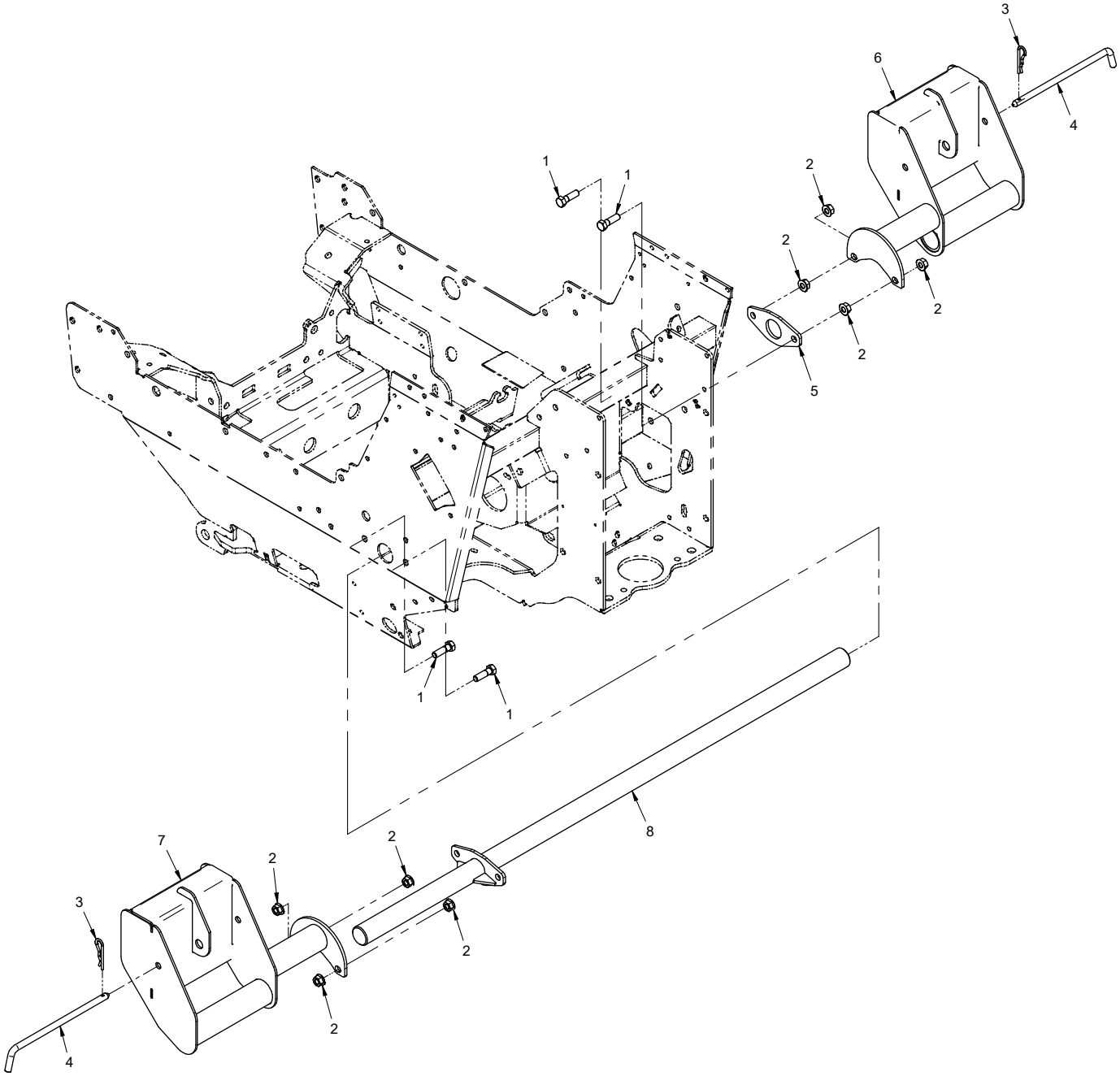
ILLUSTRATED DRAWING
39.56116 Rear Counterweight Bar



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

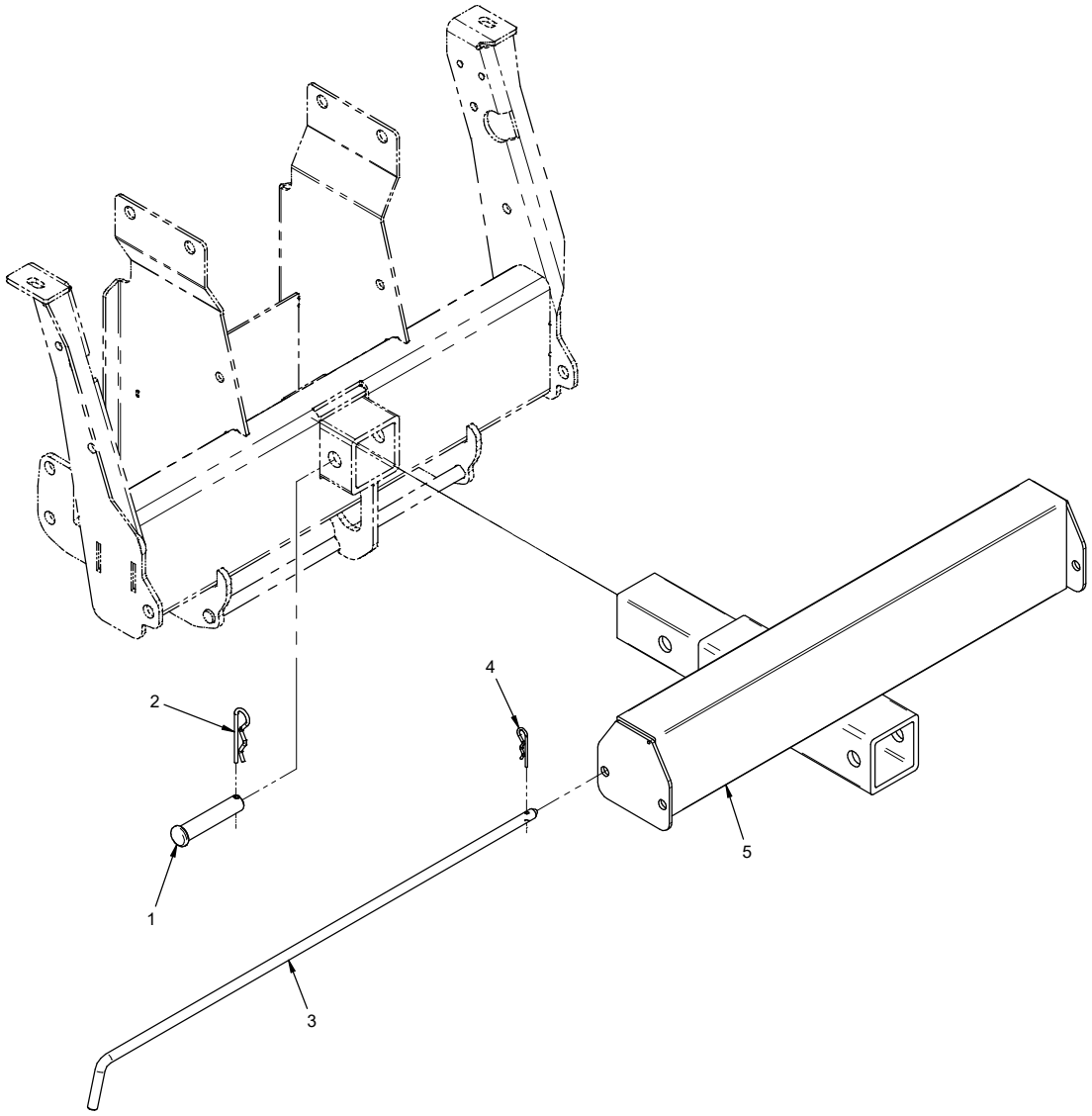
ILLUSTRATED DRAWING
70.4137 Mid Weight Bar 4500 Kit



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

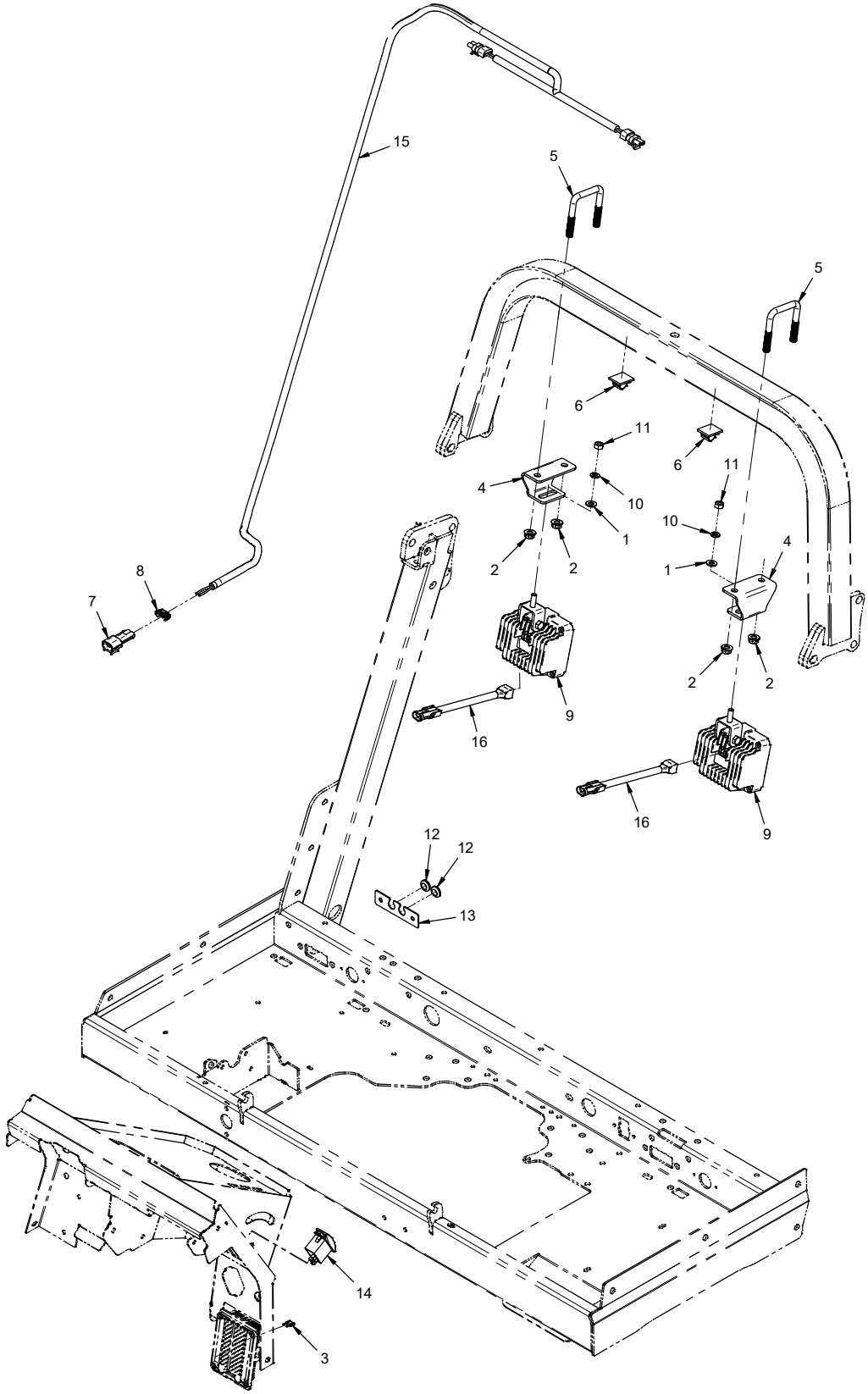
ILLUSTRATED DRAWING
70.4144 Rear Weight Bar Kit



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

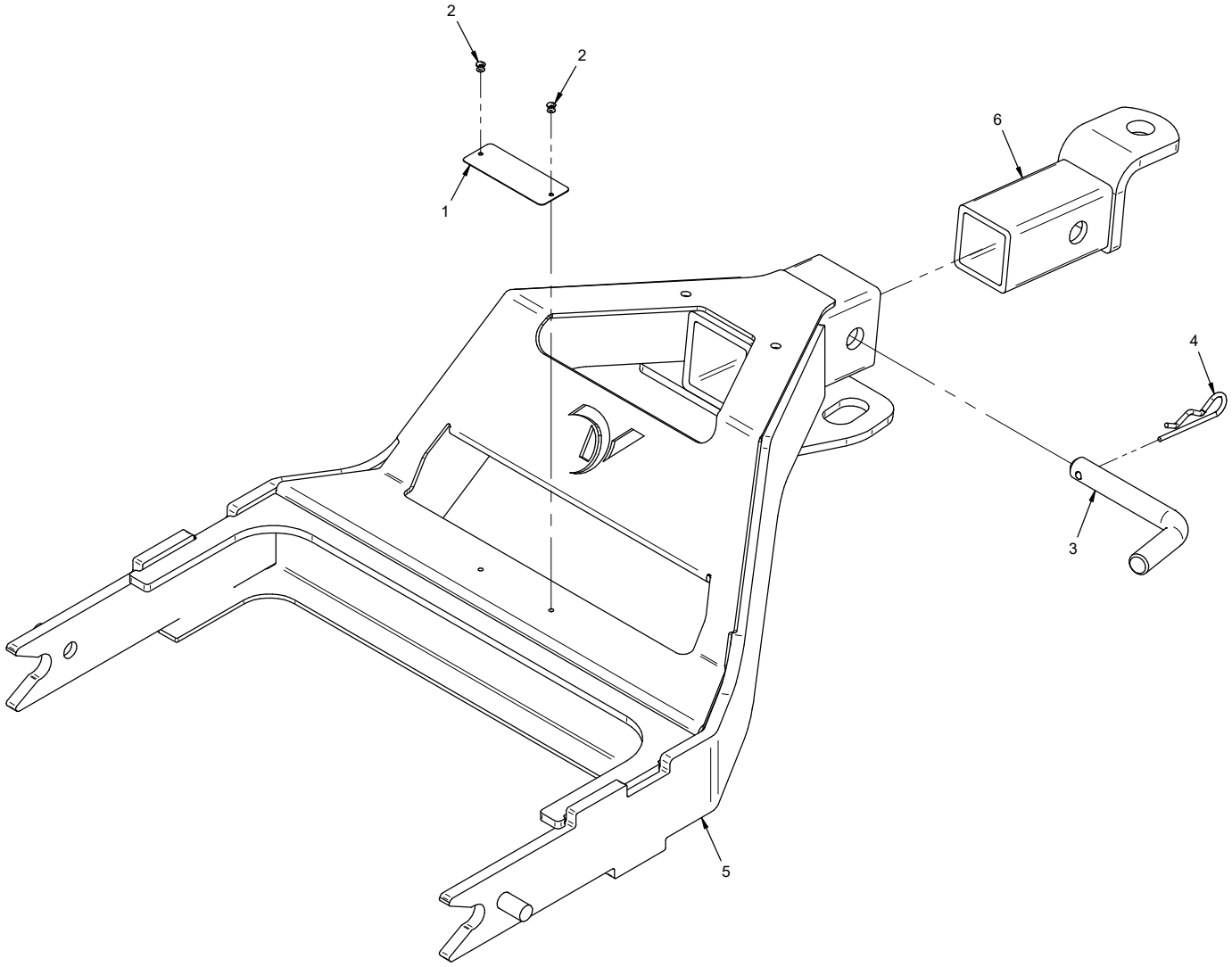
ILLUSTRATED DRAWING
70.4133 LED Work Light Kit



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

ILLUSTRATED DRAWING
70.2016 Trailer Mover Hitch



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