

Parts Manual

LX31 / LX41 / LX50

Dual Fuel and Diesel Models

Serial Numbers 4391 - Current

Publication Number: 108049-009

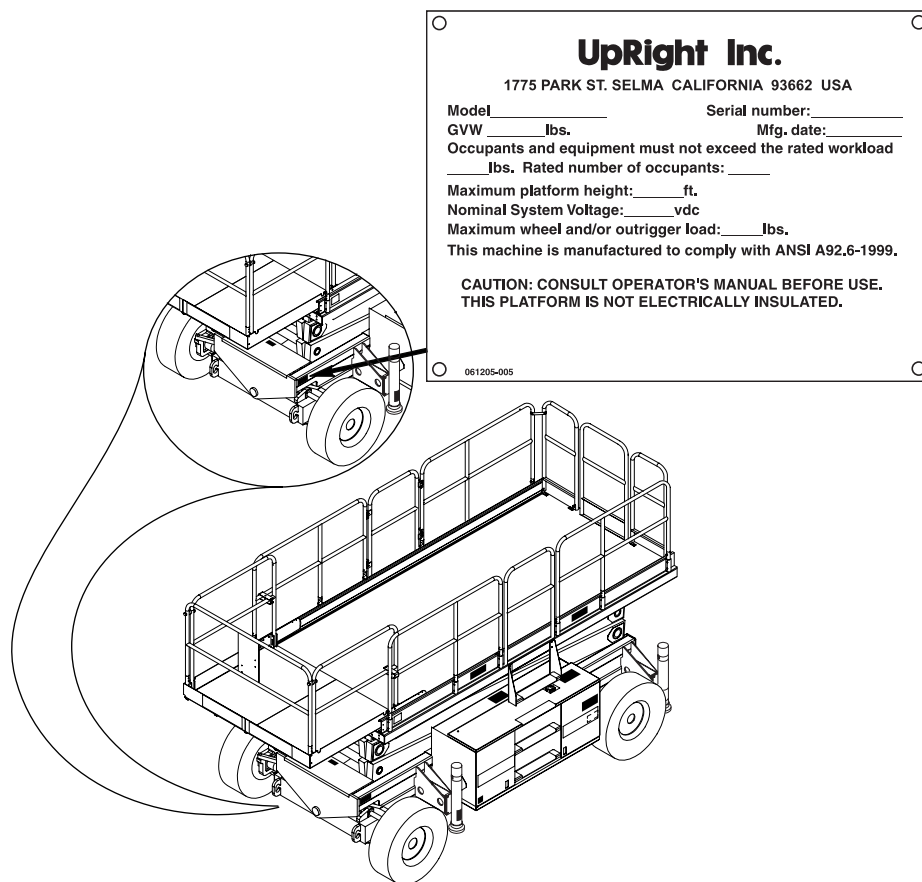
UpRight

LX31 / LX41 / LX50

Dual Fuel and Diesel Models

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When contacting UpRight for service or parts information, be sure to include the MODEL and SERIAL NUMBERS from the equipment nameplate. Should the nameplate be missing, the SERIAL NUMBER is also stamped on top of the chassis above the left front axle pivot.



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PARTS MANUAL

This document lists and illustrates the replaceable assemblies and parts of this product, as manufactured by UpRight, Inc. Each parts list contains the component parts for that assembly.

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Final Assembly, LX31 Dual Fuel

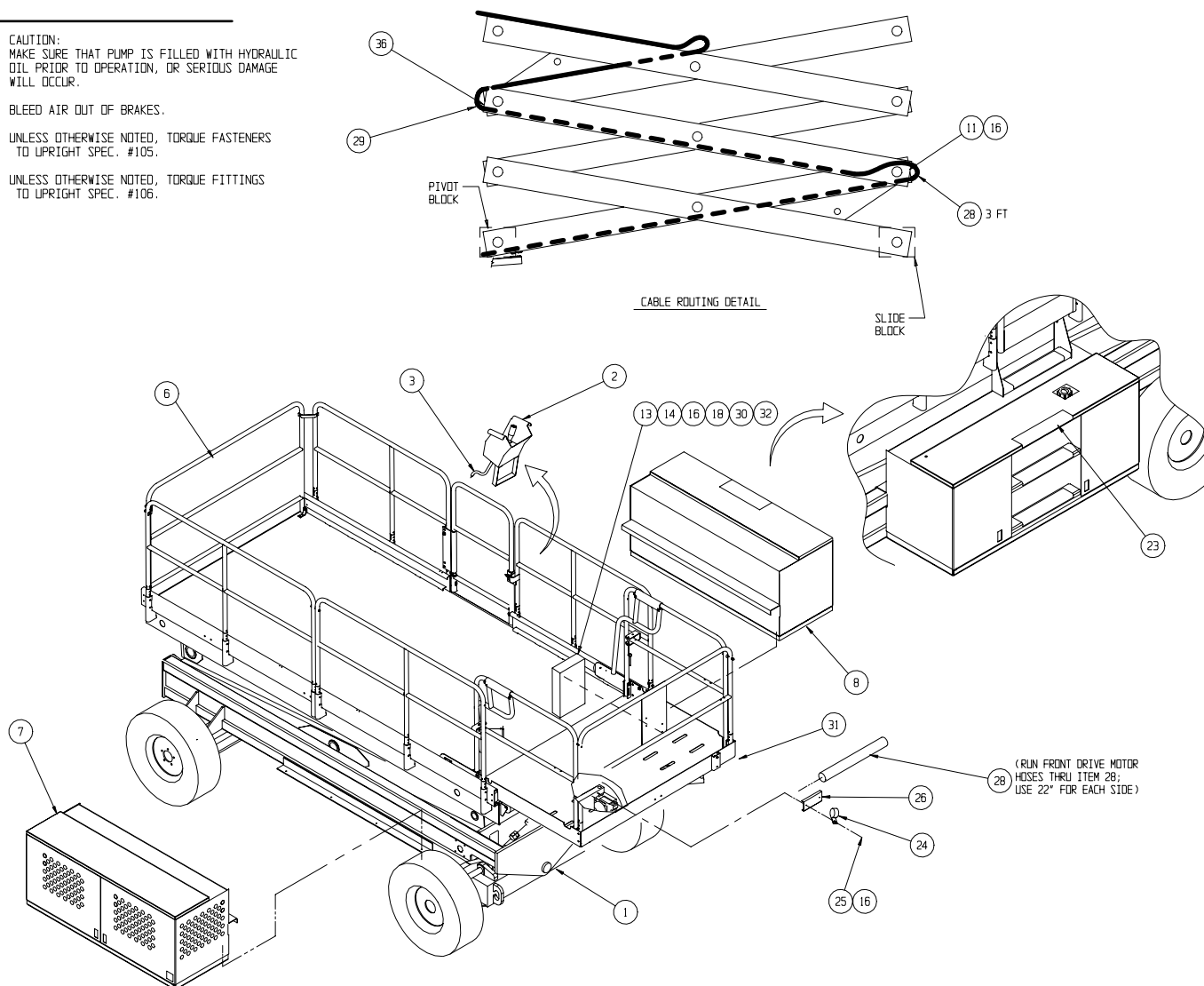
067504-020

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.	ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067511-031	BASIC ASSY	1	*20	108044-000	UPPER CONTROLLER WIRING	1
2	067528-010	CONTROLLER ASSY	1	21	060540-001	DOCUMENTATION KIT	1
3	067536-010	CONTROL CABLE ASSY	1	22	067904-008	SERVICE MANUAL	1
*4	108055-002	LABEL-KIT	1	23	060830-001	SAFETY WALK 4 X 20	4
*5	067533-046	HOSE-KIT	1	24	013919-013	CLAMP	4
6	030867-331	GUARDRAIL	1	25	014996-004	WASHER, 1/4 SAE FLAT	8
7	067522-011	POWER MODULE ASSEMBLY	1	26	067699-000	HOSE CLAMP CHANNEL	2
8	067521-026	CONTROL MODULE ASSEMBLY	1	*27	013283-002	CABLE MOUNT	4
9	067534-011	HYDRAULIC SCHEMATIC	REF	28	067758-099	NYLON HOSE GUARD	8 FT.
10	067535-052	ELECTRICAL SCHEMATIC	REF	29	012865-099	WIRE LOOM 3/4 DIA	8 FT
11	020398-012	CLAMP, CUSHIONED, 1 1/2	2	30	060577-004	ANSI MANUAL	1
13	010076-000	MANUAL CASE	1	31	067866-037	FRONT ROLL OUT DECK	1
14	011252-008	SCREW 1/4-20 UNC X 1	4	32	108049-009	PARTS MANUAL	1
16	011248-004	LOCKNUT, 1/4-20 UNC	6	36	067907-010	POWER TO PLATFORM	1
*17	108040-010	PLAT. DN. SW. INSTALL	1	37	110051-000	SPECIFICATION SHEET	REF
18	067903-004	USER MANUAL	1				
*19	108042-002	FINAL ASSY WIRING	1				

* Not shown

NOTES:

1. CAUTION:
MAKE SURE THAT PUMP IS FILLED WITH HYDRAULIC OIL PRIOR TO OPERATION, OR SERIOUS DAMAGE WILL OCCUR.
2. BLEED AIR OUT OF BRAKES.
3. UNLESS OTHERWISE NOTED, TORQUE FASTENERS TO UPRIGHT SPEC. #105.
4. UNLESS OTHERWISE NOTED, TORQUE FITTINGS TO UPRIGHT SPEC. #106.



Final Assembly, LX31 - Diesel

067505-020

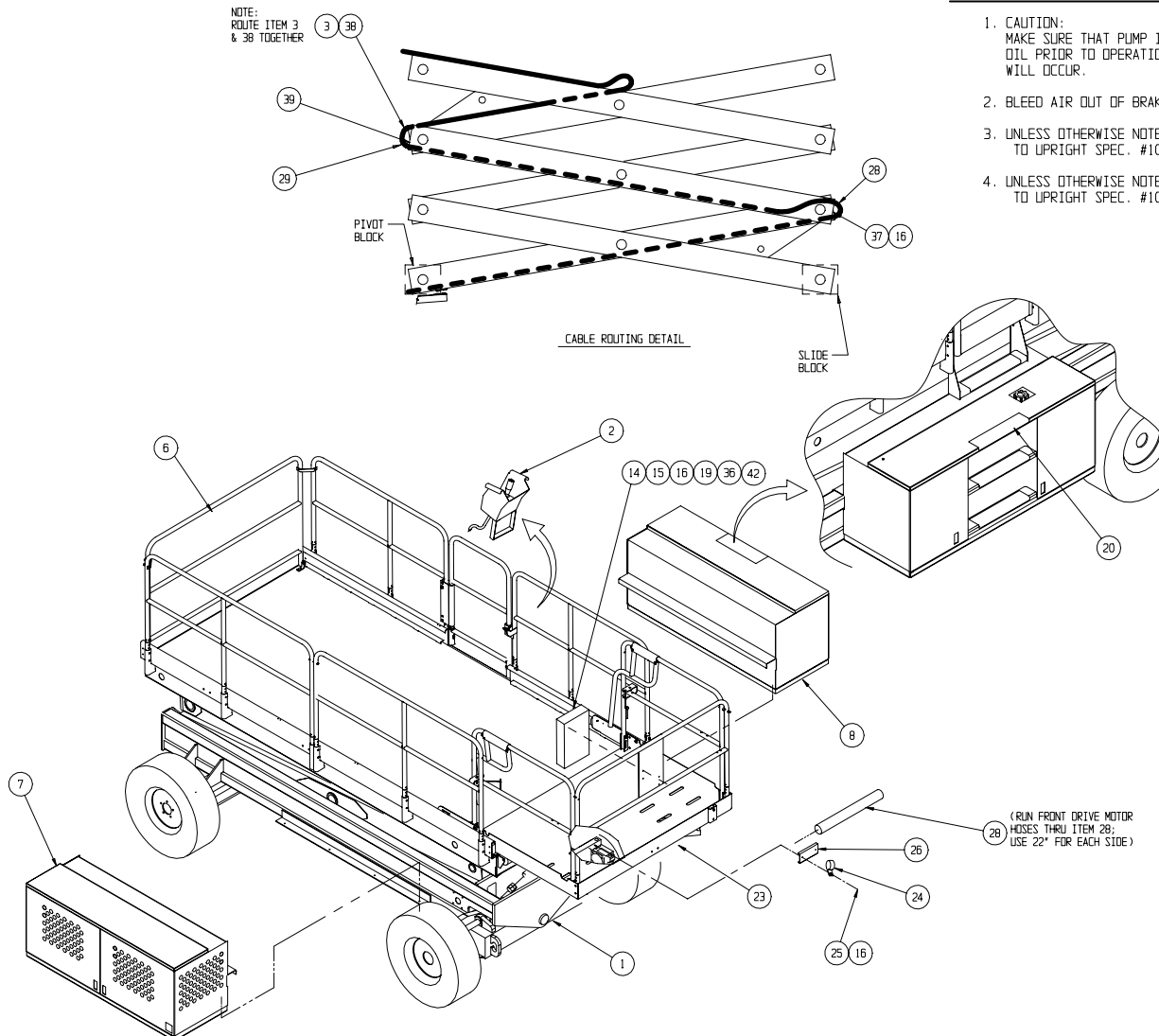
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067511-031	BASIC ASSY	1
2	067528-010	CONTROLLER ASSEMBLY	1
3	067536-010	CONTROL CABLE ASSEMBLY	1
*4	108055-003	LABEL-KIT (DOM)	1
*5	067533-046	HOSE-KIT	1
6	030867-331	GUARDRAIL	1
7	067522-013	POWER MODULE ASSEMBLY	1
8	067521-027	CONTROL MODULE ASSEMBLY	1
9	067534-011	HYDRAULIC SCHEMATIC	REF
10	067535-053	ELECTRICAL SCHEMATIC (DOM)	REF
14	010076-000	MANUAL CASE	1
15	067903-004	USER MANUAL - LX	1
16	011248-004	LOCKNUT, 1/4-20 UNC	6
*17	108040-010	PLAT. DN. SW. INSTALL	1
19	011252-008	SCREW 1/4-20 UNC X 1	4
20	060830-001	SAFETY WALK 4 X 20	4
21	060540-001	DOCUMENTATION KIT	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
22	067904-008	SERVICE MANUAL	1
23	067866-037	FRONT ROLL OUT DECK	1
24	013919-013	CLAMP	3
25	014996-004	WASHER, 1/4 SAE FLAT	8
26	067699-000	HOSE CLAMP CHANNEL	2
*27	013283-002	CABLE MOUNT	4
28	067758-099	NYLON HOSE GUARD	8 FT
29	012865-099	WIRE LOOM 3/4 DIA	8 FT
*30	108043-003	FINAL ASSY WIRING (DOM.)	1
*32	108044-000	UPPER CONTROLLER WIRING	1
36	060577-004	ANSI MANUAL	1
37	020398-012	CLAMP, CUSHIONED. 1 1/2	2
39	067907-010	POWER TO PLATFORM	1
42	108049-009	PARTS MANUAL	1
43	110051-000	SPECIFICATION SHEET	REF

* Not shown

NOTES:

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3. UNLESS OTHERWISE NOTED, TORQUE FASTENERS TO UPRIGHT SPEC. #105.
4. UNLESS OTHERWISE NOTED, TORQUE FITTINGS TO UPRIGHT SPEC. #106.



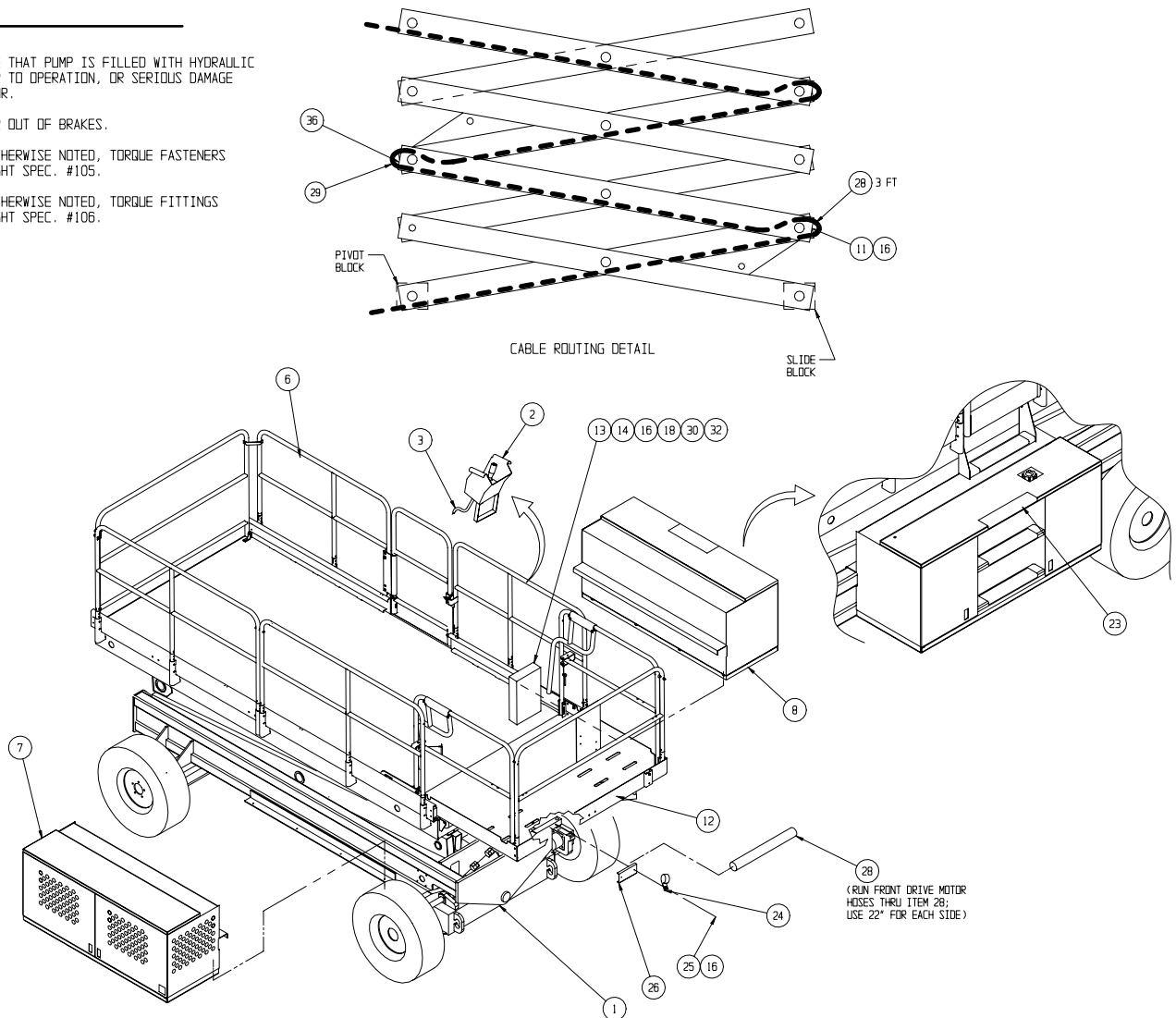
Final Assembly, LX41 Dual Fuel

067544-020

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.	ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067513-031	BASIC ASSY	1	*19	108042-004	FINAL ASSY WIRING	1
2	067528-010	CONTROLLER ASSY	1	*20	108044-000	UPPER CONTROLLER WIRING	1
3	067536-011	CONTROL CABLE ASSY	1	21	060540-001	DOCUMENTATION KIT	1
*4	108055-006	LABEL-KIT	1	22	067904-008	SERVICE MANUAL	1
*5	067533-046	HOSE-KIT	1	23	060830-001	SAFETY WALK 4 X 20	4
6	030867-331	GUARDRAIL	1	24	013919-013	CLAMP	4
7	067522-011	POWER MODULE ASSEMBLY	1	25	014996-004	WASHER, 1/4 SAE FLAT	8
8	067521-026	CONTROL MODULE ASSEMBLY	1	26	067699-000	HOSE CLAMP CHANNEL	2
9	067534-011	HYDRAULIC SCHEMATIC	REF	*27	013283-002	CABLE MOUNT	2
10	067535-052	ELECTRICAL SCHEMATIC	REF	28	067758-099	NYLON HOSE GUARD	8 FT
11	020398-012	CLAMP, CUSHIONED, 1 1/2	2	29	012865-099	WIRE LOOM 3/4 DIA	8 FT
12	067866-037	ROLL OUT DECK - FRONT	1	30	060577-004	ANSI MANUAL	1
13	010076-000	MANUAL CASE	1	32	108049-009	PARTS MANUAL	1
14	011252-008	SCREW 1/4-20 UNC X 1	4	36	067907-011	POWER TO PLATFORM	1
16	011248-004	LOCKNUT, 1/4-20 UNC	6	37	110053-000	SPECIFICATION SHEET	REF
*17	108040-010	PLAT DN. SW. INSTL.	1	* Not shown			
18	067903-004	USER MANUAL	1				

NOTES:

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3. UNLESS OTHERWISE NOTED, TORQUE FASTENERS TO UPRIGHT SPEC. #105.
4. UNLESS OTHERWISE NOTED, TORQUE FITTINGS TO UPRIGHT SPEC. #106.



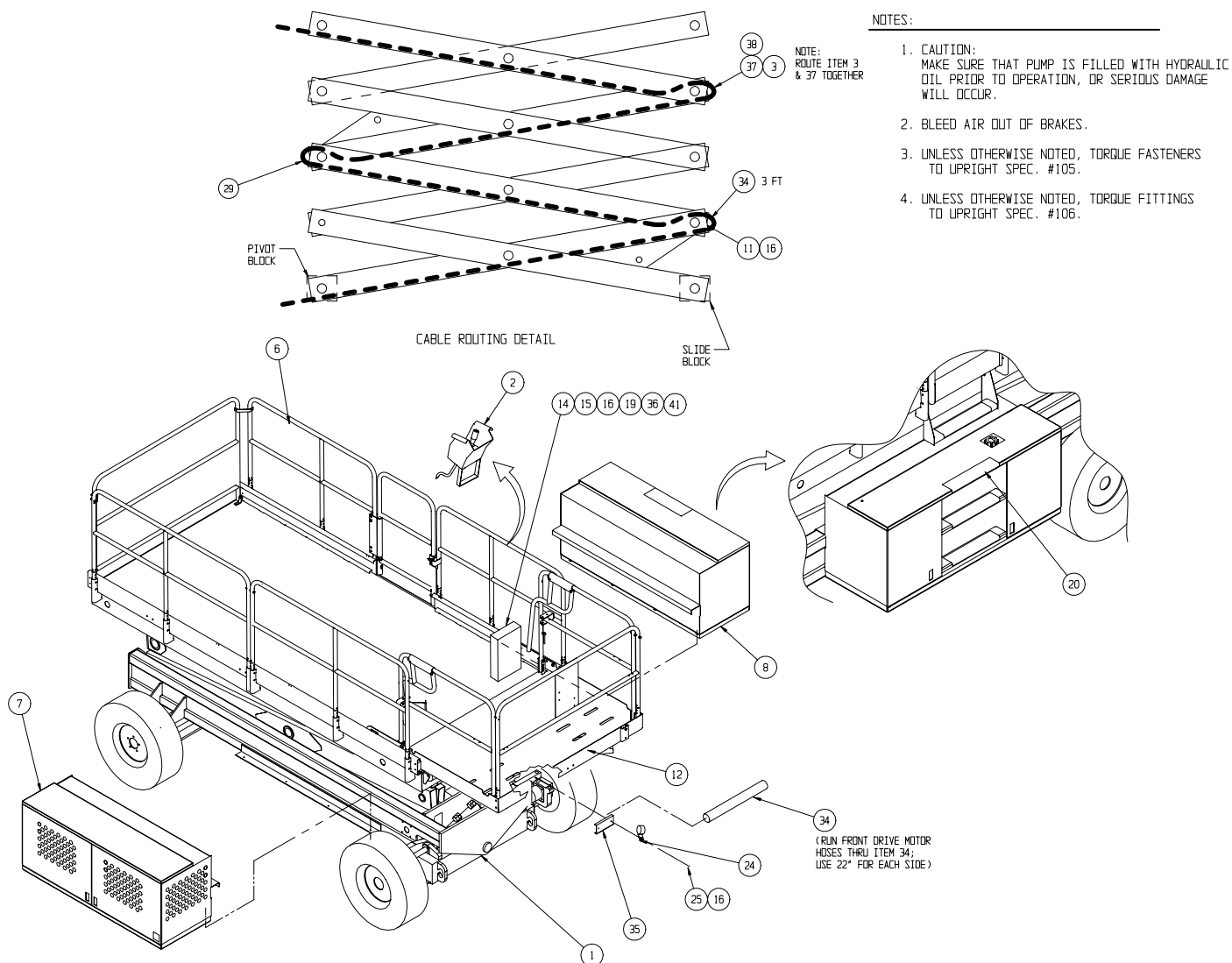
Final Assembly, LX41 - Diesel

067545-020

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067513-031	BASIC ASSY	1
2	067528-010	CONTROLLER ASSEMBLY	1
3	067536-011	CONTROL CABLE ASSEMBLY	1
*4	108055-007	LABEL-KIT (DOM)	1
*5	067533-046	HOSE-KIT	1
6	030867-331	GUARDRAIL	1
7	067522-013	POWER MODULE ASSEMBLY	1
8	067521-027	CONTROL MODULE ASSEMBLY	1
9	067534-011	HYDRAULIC SCHEMATIC	REF
10	067535-053	ELECTRICAL SCHEMATIC (DOM)	REF
11	020398-012	CLAMP, CUSHIONED, 1 1/2	2
12	067866-037	ROLL OUT DECK - FRONT	1
14	010076-000	MANUAL CASE	1
15	067903-004	USER MANUAL - LX	1
16	011248-004	LOCKNUT, 1/4-20 UNC	6
*17	108040-010	PLAT DN. SW. INSTL.	1
19	011252-008	SCREW 1/4-20 UNC X 1	4

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
20	060830-001	SAFETY WALK 4 X 20	4
21	060540-001	DOCUMENTATION KIT	1
22	067904-008	SERVICE MANUAL	1
24	013919-013	CLAMP	3
25	014996-004	WASHER, 1/4 SAE FLAT	8
*26	013283-002	CABLE MOUNT	4
29	012865-099	WIRE LOOM 3/4 DIA	8
*30	108043-007	FINAL ASSY WIRING (DOM.)	1
*32	108044-000	UPPER CONTROLLER WIRING	1
34	067758-099	NYLON HOSE GUARD	8 FT
35	067699-000	HOSE CLAMP CHANNEL	2
*36	060577-004	ANSI MANUAL	1
38	067907-011	POWER TO PLATFORM	1
42	108049-009	PARTS MANUAL	1
43	110053-000	SPECIFICATION SHEET	REF

* Not shown



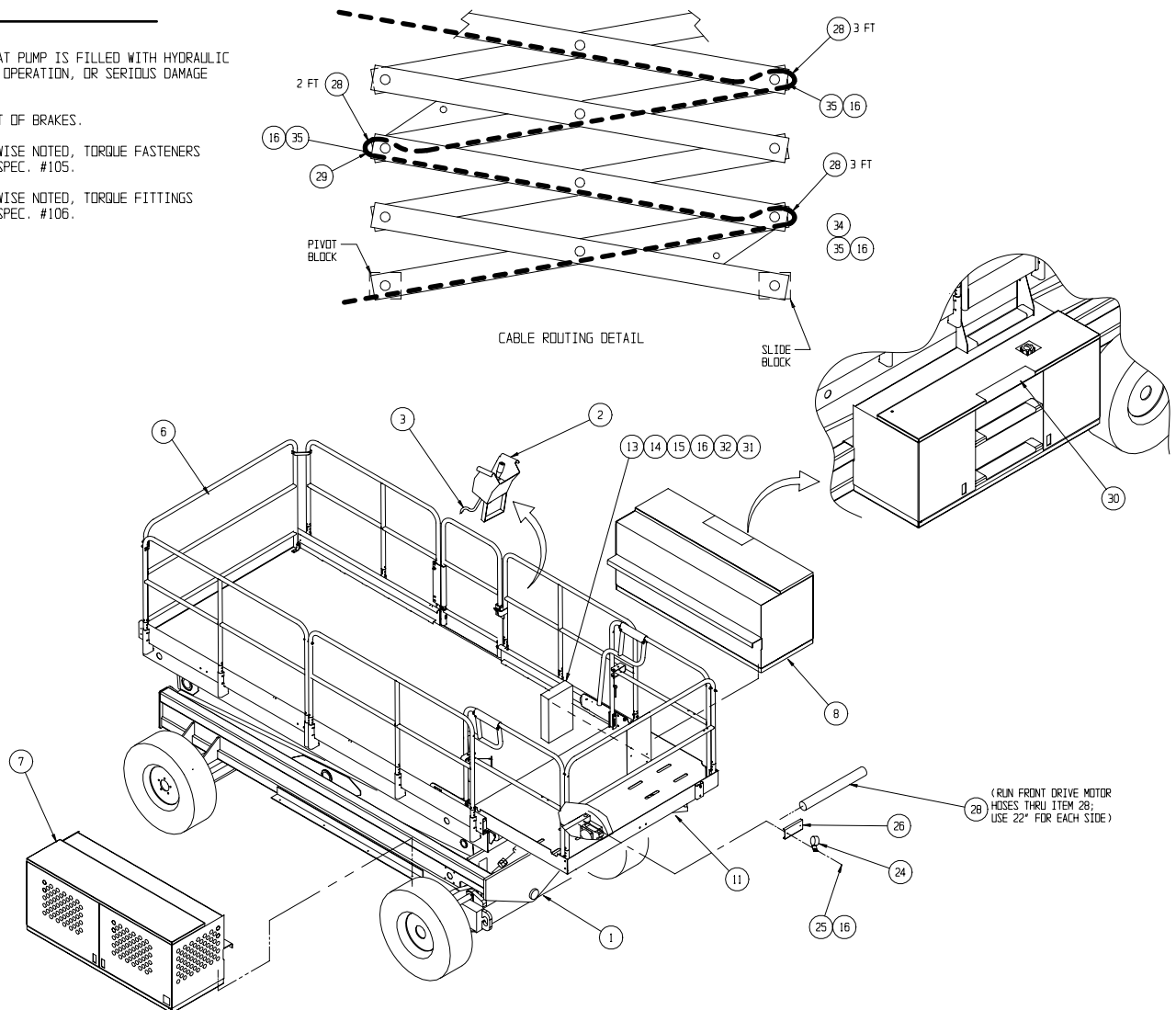
Final Assembly, LX50 - Dual Fuel

067548-020

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.	ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067509-031	BASIC ASSY	1	*19	108042-006	FINAL ASSY WIRING	1
2	067528-010	CONTROLLER ASSY	1	*20	108044-000	UPPER CONTROLLER WIRING	1
3	067536-012	CONTROL CABLE ASSY	1	21	060540-001	DOCUMENTATION KIT	1
*4	108055-010	LABEL-KIT	1	22	067904-008	SERVICE MANUAL	1
*5	067533-047	HOSE-KIT	1	24	013919-013	CLAMP	3
6	030867-331	GUARDRAIL	1	25	014996-004	WASHER, 1/4 SAE FLAT	8
7	067522-011	POWER MODULE ASSEMBLY	1	26	067699-000	HOSE CLAMP CHANNEL	2
8	067521-026	CONTROL MODULE ASSEMBLY	1	*27	013283-002	CABLE MOUNT	4
9	067534-015	HYDRAULIC SCHEMATIC	REF	28	067758-099	NYLON HOSE GUARD	19 FT
10	067535-056	ELECTRICAL SCHEMATIC	REF	29	012865-099	WIRE LOOM 3/4 DIA	8 FT
11	067866-037	FRONT ROLL OUT DECK	1	30	060830-001	SAFETY WALK 4 X 20	4
12	108038-000	ELECTRIC E-DOWN LX50 ASSY	1	31	108049-009	PARTS MANUAL	1
13	010076-000	MANUAL CASE	1	32	060577-004	ANSI MANUAL	1
14	067903-004	USER MANUAL	1	34	067907-012	POWER TO PLATFORM	1
15	011252-008	SCREW 1/4-20 UNC X 1	4	35	020398-012	CLAMP, CUSHIONED, 1 1/2	4
16	011248-004	LOCKNUT, 1/4-20 UNC	8	37	110054-000	SPECIFICATION SHEET	REF
*17	108040-010	PLAT DN. SW. INSTL.	1	* Not shown			
*18	108041-010	MERCURY SW. INSTL.	1				

NOTES:

- CAUTION:
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- UNLESS OTHERWISE NOTED, TORQUE FASTENERS TO UPRIGHT SPEC. #105.
- UNLESS OTHERWISE NOTED, TORQUE FITTINGS TO UPRIGHT SPEC. #106.



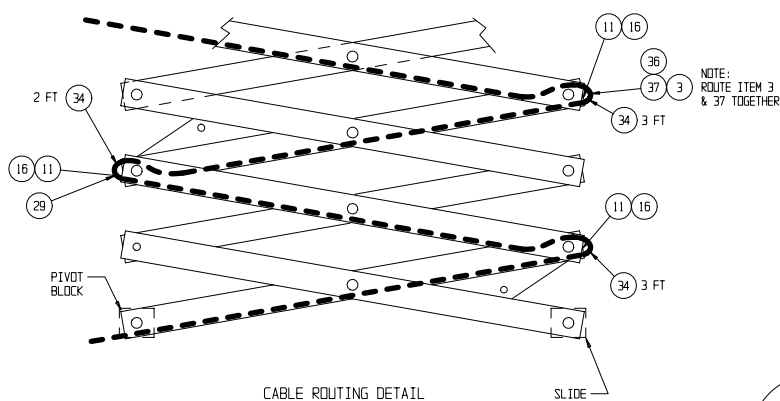
Final Assembly, LX50 - Diesel

067549-020

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY
1	067509-031	BASIC ASSY	1
2	067528-010	CONTROLLER ASSEMBLY	1
3	067536-012	CONTROL CABLE ASSEMBLY	1
*4	108055-011	LABEL-KIT (DOM)	1
*5	067533-047	HOSE-KIT	1
6	030867-331	GUARDRAIL	1
7	067522-013	POWER MODULE ASSEMBLY	1
8	067521-027	CONTROL MODULE ASSEMBLY	1
9	067534-017	HYDRAULIC SCHEMATIC	REF
10	067535-057	ELECTRICAL SCHEMATIC (DOM)	REF
11	020398-012	CLAMP, CUSHIONED, 1 1/2	4
12	067866-037	FRONT ROLL OUT DECK	1
14	010076-000	MANUAL CASE	1
15	067903-004	USER MANUAL - LX	1
16	011248-004	LOCKNUT, 1/4-20 UNC	8
*17	108040-010	PLAT DN. SW. INSTL.	1
18	011252-008	SCREW 1/4-20 UNC X 1	4
*19	108041-010	MERCURY SW. INSTL	1
20	108038-000	ELECTRIC E-DOWN LX50 ASSY	1

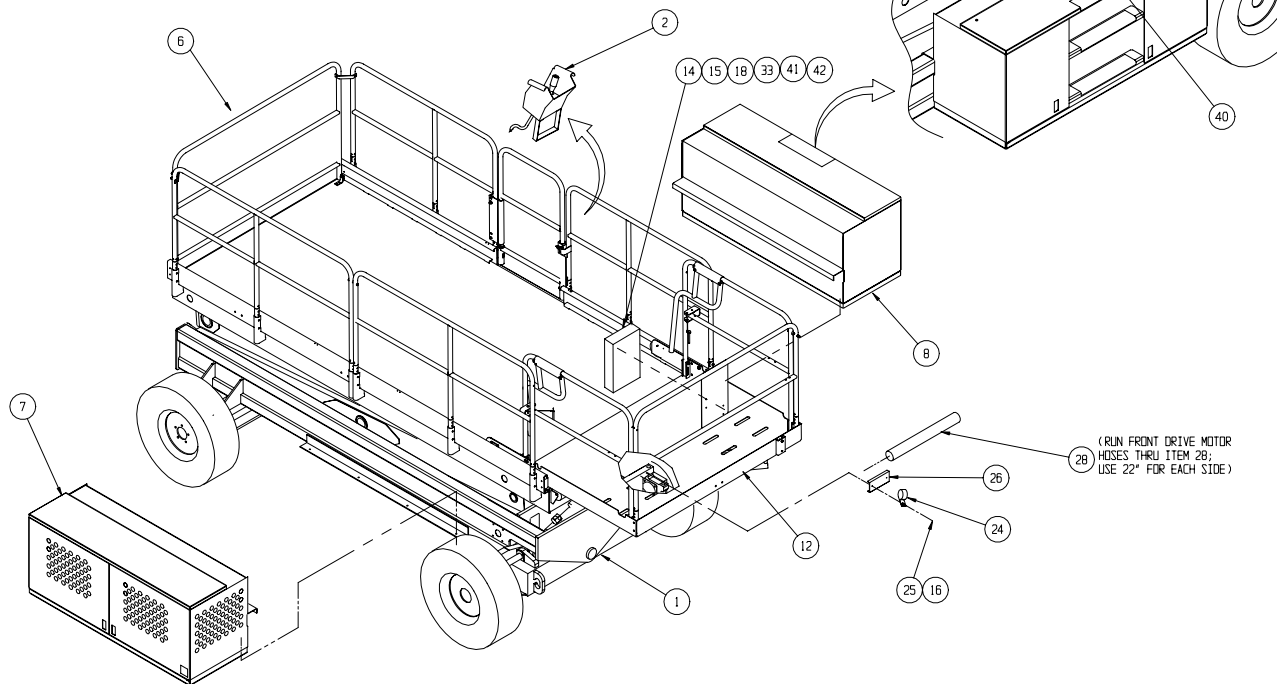
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY
21	060540-001	DOCUMENTATION KIT	1
21	060540-021	DOCUMENTATION KIT	1
22	067904-008	SERVICE MANUAL	1
24	013919-013	CLAMP	3
25	014996-004	WASHER, 1/4 SAE FLAT	8
*26	013283-002	CABLE MOUNT	4
29	012865-099	WIRE LOOM 3/4 DIA	8 FT
*30	108043-011	FINAL ASSY WIRING (DOM.)	1
*32	108044-000	UPPER CONTROLLER WIRING	1
34	067758-099	NYLON HOSE GUARD	19 FT
35	067699-000	HOSE CLAMP CHANNEL	2
36	067907-012	POWER TO PLATFORM	1
40	060830-001	SAFETY WALK 4 X 20	4
41	060577-004	ANSI MANUAL	1
42	108049-009	PARTS MANUAL	1
43	110054-000	SPECIFICATION SHEET	REF

* Not shown



NOTES:

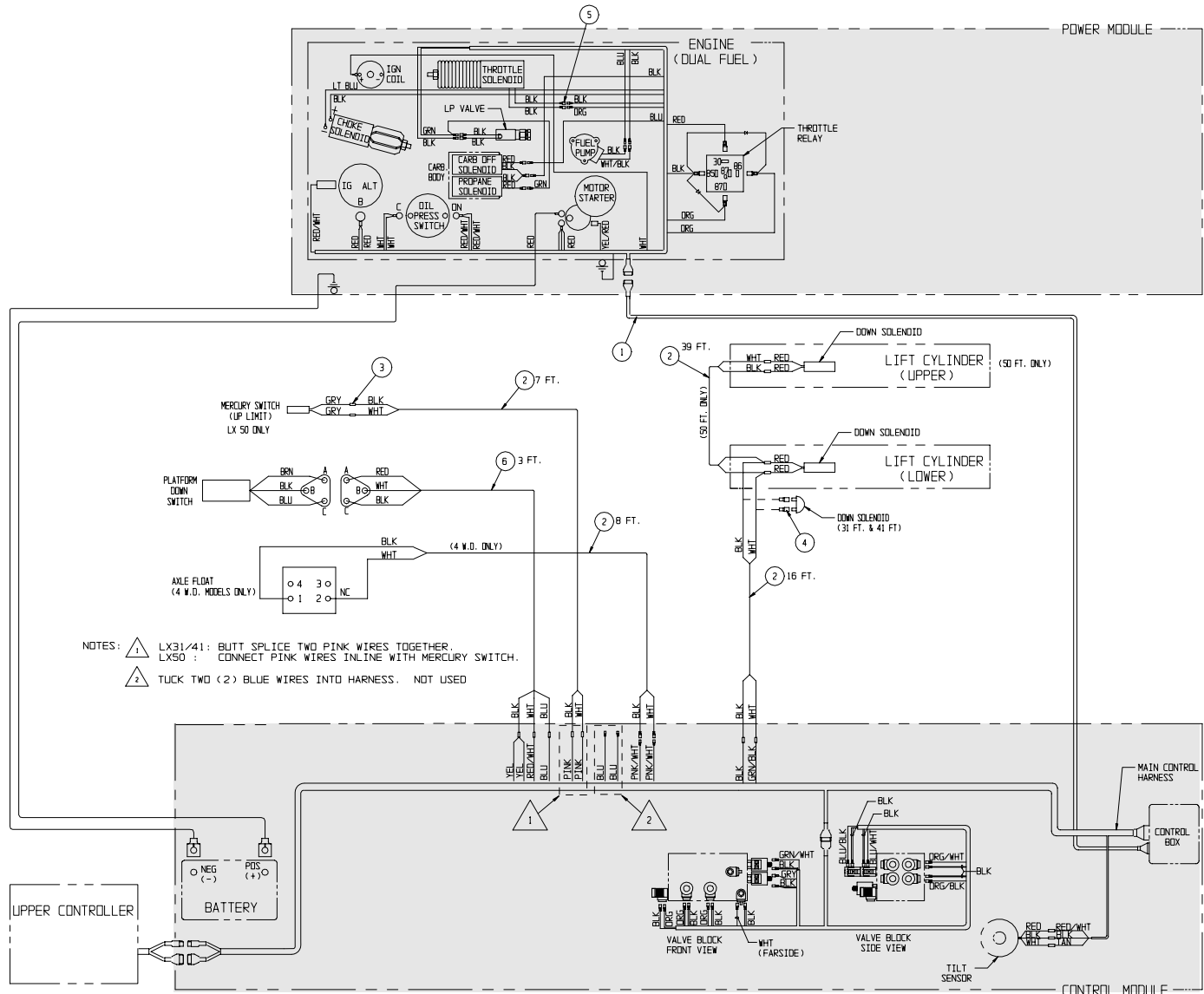
1. CAUTION: MAKE SURE THAT PUMP IS FILLED WITH HYDRAULIC OIL PRIOR TO OPERATION, OR SERIOUS DAMAGE WILL OCCUR.
2. BLEED AIR OUT OF BRAKES.
3. UNLESS OTHERWISE NOTED, TORQUE FASTENERS TO UPRIGHT SPEC. #105.
4. UNLESS OTHERWISE NOTED, TORQUE FITTINGS TO UPRIGHT SPEC. #106.



Final Assembly Wiring Diagram - Dual Fuel

108042-002/-004/-006

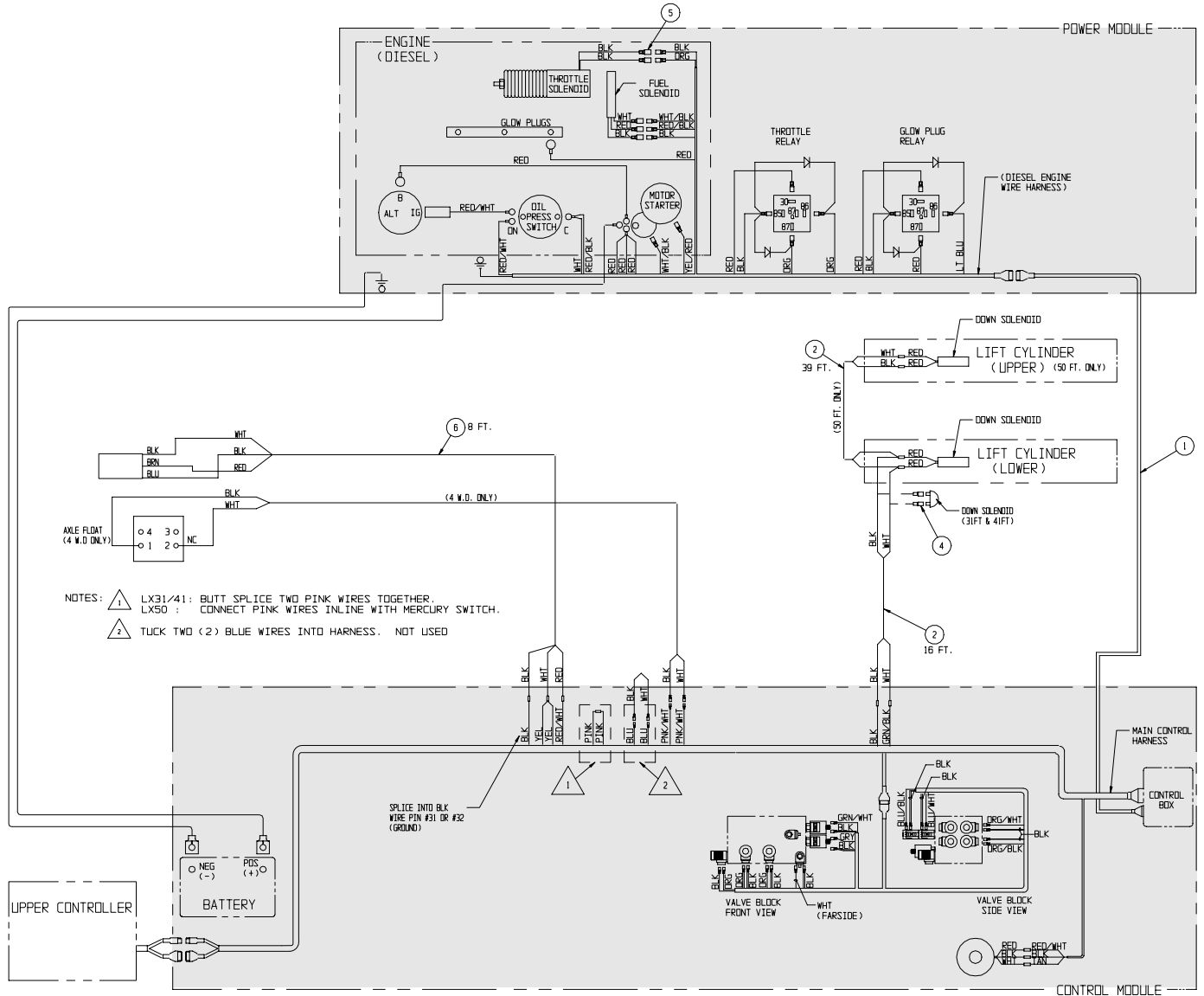
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	-002	-004	-006
			LX31 4WD	LX41 4WD	LX50 4WD
1	067492-003	WIRE HARNESS, ENGINE	1	1	1
2	029490-099	2 CONDUCTOR, 16 GA. CABLE	24 FT	24 FT	54 FT
3	029620-002	CONNECTOR, BUTT 16-14 GA.	11	11	15
4	029931-003	CONNECTOR, FEMALE PUSH 16-14 GA. .25 TAB	2	2	2
5	014914-001	CONNECTOR, MALE PUSH 16-14 GA. .25 TAB	2	2	2
6	026447-099	CABLE 3 COND 16 GA	8 FT	8 FT	8 FT



Final Assembly Wiring Diagram - Diesel

108043-003/-007/-011

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	-003	-007	-011
			LX31 4WD	LX41 4WD	LX50 4WD
1	067492-003	WIRE HARNESS, ENGINE	1	1	1
2	029490-099	2 CONDUCTOR, 16 GA. CABLE	24 FT	24 FT	54 FT
3	029620-002	CONNECTOR, BUTT 16-14 GA.	11	11	16
4	029931-003	CONNECTOR, FEMALE PUSH 16-14 GA. .25 TAB	2	2	—
5	014914-001	CONNECTOR, MALE PUSH 16-14 GA. .25 TAB	3	3	3
6	029447-099	CABLE 3 COND 16 GA	8	8	8



Basic Assembly, LX31

LX31 – 067511-031

LX41 – 067513-031

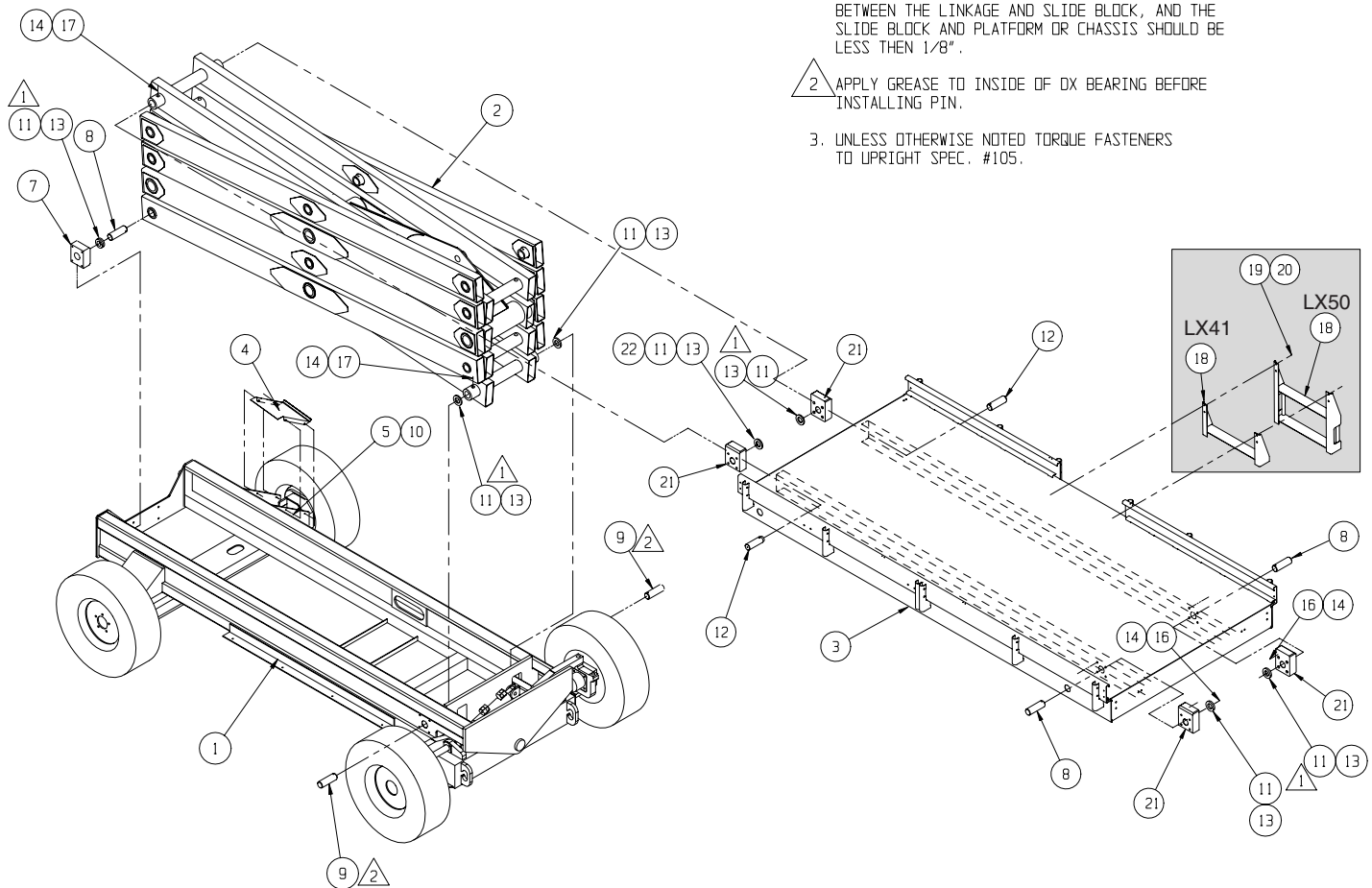
LX50 – 067509-031

ITEM	MODEL	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	LX31	067519-010	CHASSIS ASSEMBLY	1
	LX41	067519-010	CHASSIS ASSEMBLY	
	LX50	067519-011	CHASSIS ASSEMBLY	
2	LX31	067422-000	SCISSOR LINKAGE	1
	LX41	067423-000		
	LX50	067424-000		
3		030987-000	PLATFORM WELDMENT	1
4		067879-000	MOTOR COVER	2
5		011253-008	SCR HHC 5/16 X 1	8
7		067738-000	SLIDE BLOCK	2
8		067852-000	PIN	4
9		067853-000	PIN	2
10		014996-005	WASHER 5/16 DIA	8

ITEM	MODEL	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
11		066189-000	SPACER 1/4	A/R
12		067853-002	PIN	2
13		066189-004	SPACER 1/8	A/R
14		011248-008	NUT 1/2-13 ESNA	12
16		011256-028	SCREW HHC 1/2-13 X 3 1/2	8
17		014033-032	SCREW HHC 1/2-13 X 4	8
18	LX41	030841-050	LADDER WELDMENT	1
	LX50	030841-140	LADDER WELDMENT	
19		011254-020	SCREW HHC 3/8-16 X 2 1/2	4
20		011248-006	NUT 3/8-16 ESNA	4
21		067738-001	SLIDE BLOCK	4
22		066189-001	SPACER 3/8"	A/R

NOTES:

- 1 USE WEAR PAD COMBINATION AS REQUIRED TO SECURE AND ALIGN FRONT END OF SCISSOR STACK. THE GAP BETWEEN THE LINKAGE AND SLIDE BLOCK, AND THE SLIDE BLOCK AND PLATFORM OR CHASSIS SHOULD BE LESS THEN 1/8".
- 2 APPLY GREASE TO INSIDE OF OX BEARING BEFORE INSTALLING PIN.
3. UNLESS OTHERWISE NOTED TORQUE FASTENERS TO UPRIGHT SPEC. #105.



NOTES:

Chassis Assembly, LX31/LX41

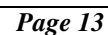
067519-010

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067729-010	CHASSIS WELDMENT	1
2	067700-000	AXLE WELDMENT	1
3	067743-000	TRUNNION (L.H.)	1
4	067742-000	TRUNNION (R.H.)	1
5	067739-000	STEERING LINK	1
6	067812-000	BUSHING, STEERING	2
7	067813-000	CONNECTING LINK	2
8	067746-000	TRUNNION PIN	2
9	067814-000	PIVOT SHAFT, FRONT AXLE	1
10	067748-000	STEERING CLAMP	1
11	011238-012	LOCKWASHER SPLIT 3/4	4
12	067816-000	PLATE WELDMENT	1
13	067607-003	HYDRAULIC MOTOR (FRONT)	2
*	067607-010	HYDRAULIC MOTOR SEAL KIT	REF
14	067600-002	TORQUE HUB	2
15	067603-002	BRAKE	2
*	067603-011	SEAL KIT	REF
16	067601-003	HYDRAULIC MOTOR(NO RELIEF VLV)	2
*	061817-010	SEAL KIT	REF
17	067633-000	STEERING CYLINDER	1
*	067633-010	STEERING CYLINDER SEAL KIT	REF
18	108060-000	AXLE PIVOT CYLINDER ASSY	1
*	108058-000	AXLE PIVOT CYLINDER	1
*	108050-010	AXLE PIVOT CYLINDER SEAL KIT	REF
19	067637-000	PIVOT BUSHING	2
21	067606-021	BEARING, SCISSOR PIVOT	2
22	064298-005	BEARING, AXLE PIVOT	2
23	062649-020	BEARING, STEERING ROD	2
24	067606-010	BEARING 16DX16	6
25	067666-004	TIRE & WHEEL - RH	1
26	067666-005	TIRE & WHEEL - LH	1
27	067664-000	TIRE & WHEEL - RH 4WD FRONT	1
28	067664-001	TIRE & WHEEL - LH 4WD FRONT	1
29	011252-020	SCREW, HHC 1/4-20UNC X 2-1/2	6
30	011248-004	NUT, HEX 1/4-20 ESNA	6
31	062642-020	BEARING, 16 DU 12	4
32	067746-001	STEERING LINK PIN	2
33	011254-018	SCREW, HHC 3/8-16UNC X 2-1/4	6
34	011248-006	NUT, HEX 3/8-16UNC ESNA	6
35	062889-012	PIN, HAIR COTTER .177 X 3-1/2	2
36	011848-050	PIN, CLEVIS 1 X 2-3/4	1
37	013315-011	RETAINING "E" RING	2
38	011848-030	CLEVIS PIN 1/2 X 2	2
39	011248-008	NUT, HEX 1/2-13UNC ESNA	9
40	011256-028	SCREW, HHC 1/2-13UNC X 3-1/2	2

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
41	011256-012	SCREW, HHC 1/2-13UNC X 1-1/2	16
42	011238-008	LOCKWASHER, SPLIT 1/2	29
43	011249-016	LOCKNUT, HEX 1-14UNF ESNA	4
44	011297-016	WASHER, BELL 1"	4
45	064370-001	CYLINDER PIN 1 X 5-1/4	2
46	011258-012	SCREW, HHC 3/4-10UNC X 1-1/2	4
47	012030-038	SCREW, SOC HD 1/2-13UNC X 4 3/4	8
48	011469-005	LUG NUT, 9/16-18 90°	16
51	011934-001	FITTING, 90° 4MB - 4MJ	4
52	011757-005	COTTER PIN	1
53	015961-010	FITTING, TEE 10MB - 10MJ-10MJ	1
54	011941-001	FITTING-4MB-4MJ	1
55	011754-012	COTTER PIN 5/32 X 1-1/2	2
56	011935-006	FITTING, 45° 10MB - 10MJ	2
57	011934-011	FITTING, 90° 10MB - 10MJ	1
58	011934-003	FITTING, 90° 6MB - 4MJ	2
59	012030-010	SCREW SOC HD 1/2-13 X 1-1/4	8
60	067878-000	AXLE COVER 4WD	1
61	067674-008	FITTING 45° 12MB-8MJ	4
62	064296-004	LIMIT SWITCH	1
63	064294-005	CLAMP LEVER	1
64	012002-010	FITTING 10MJ - 10MJ 90°	4
66	011848-051	CLEVIS PIN 1" DIA. X 2"	1
67	063978-000	PUMP HAND (BRAKE)	1
68	011240-006	WASHER 3/8 STD	6
69	013336-001	FITTING, LOSE STR	3
71	011709-018	SCREW MACH RD HD 10-24 X 2-1/4	4
72	011248-003	NUT HEX ESNA 10-24	4
73	067746-002	TRUNNION PIN UPPER	2
74	011935-003	FITTING 6MB - 6MJ 45°	1
75	011941-005	FITTING 6MB - 6MJ STR	1
76	011252-004	SCREW HHC 1/4-20 X 1/2	2
77	011240-004	WASHER 1/4 FLAT STD	2
78	064279-000	THRUST WASHER	2
79	067805-099	GROMMET MATL	FT 7.00
80	024501-003	SHEET 1/8 RUBBER 3 X 48	1
81	013336-003	FITTING LUBE 90°	2
82	067865-000	WHEEL HUB	2
83	014122-001	WHEEL BOLT	12
84	012030-024	SCREW, SOC HD 1/2-13 X 3	8
85	067603-013	GASKET	REF
86	029925-000	CABLE, CONNECTOR 1/2"	1
87	012877-009	BIDIRECTIONAL RELIEF VALVE 1800 PSI	2

* Not shown

1. APPLY LOCTITE 242 TO THREADS.
2. TORQUE WHEEL NUTS TO 150 FT/LBS. FRONT AND REAR REFER TO SERVICE INFORMATION #SI 98.1.
3. TORQUE MOUNTING BOLTS TO 75 FT/LBS.
4. TORQUE MOTOR / BRAKE / TORQUE HUB MOUNTING SOCKET HEAD TO 75 FT/LBS.
5. NOTE TIRE LUG TO WHEEL ORIENTATION.
6. INSTALL ITEM #43 NUT ONTO #45 CYLINDER PIN AND LEAVE 1/2" OF EXPOSED THREAD (ONE SIDE ONLY).
7. GREASE TRIUNTION BEARINGS (160X16-6) BEFORE INSTALLING TRIUNTION PINS.
8. FILL W/ SAE 90W GEAR OIL.
9. TORQUE SPINDLE NUT TO 350 FT/LBS.



Chassis Assembly, LX50

067519-011

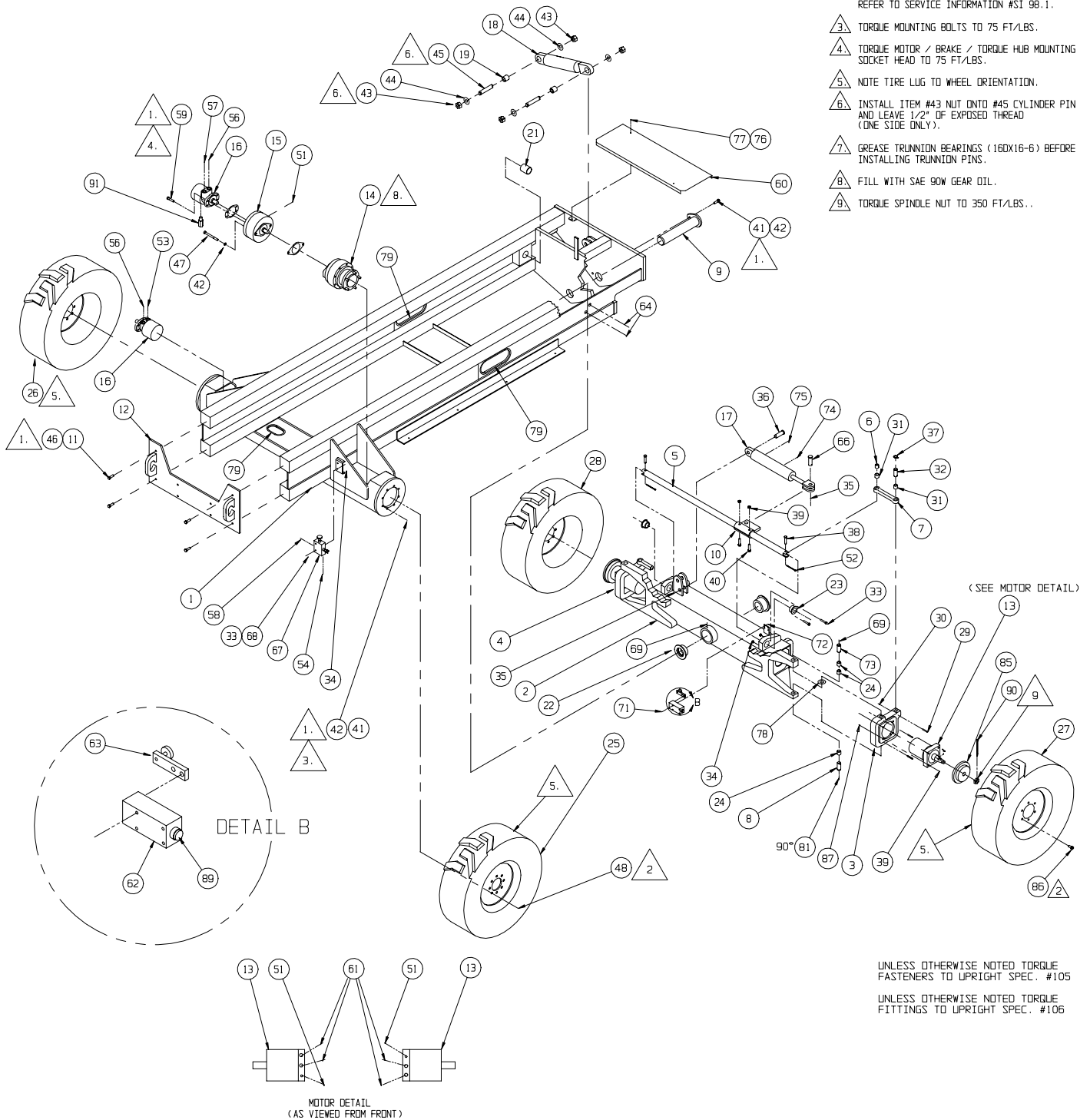
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067729-010	CHASSIS WELDMENT	1
2	067700-000	AXLE WELDMENT	1
3	067743-000	TRUNNION (L.H.)	1
4	067742-000	TRUNNION (R.H.)	1
5	067739-000	STEERING LINK	1
6	067812-000	BUSHING, STEERING	2
7	067813-000	CONNECTING LINK	2
8	067746-000	TRUNNION PIN	2
9	067814-000	PIVOT SHAFT, FRONT AXLE	1
10	067748-000	STEERING CLAMP	1
11	011238-012	LOCKWASHER SPLIT 3/4	4
12	067816-000	PLATE WELDMENT	1
13	067607-003	HYDRAULIC MOTOR (FRONT)	2
*	067607-010	HYDRAULIC MOTOR SEAL KIT	REF
14	067600-002	TORQUE HUB	2
15	067603-002	BRAKE	2
*	067603-011	SEAL KIT	REF
16	067601-003	HYDRAULIC MOTOR(NO RELIEF VLV)	2
*	061817-010	HYDRAULIC MOTOR SEAL KIT	REF
17	067633-000	STEERING CYLINDER	1
*	067633-010	STEERING CYLINDER SEAL KIT	REF
18	108060-000	AXLE PIVOT CYLINDER ASSY	1
*	108058-000	AXLE PIVOT CYLINDER	REF
*	108050-010	AXLE PIVOT CYLINDER SEAL KIT	REF
19	067637-000	PIVOT BUSHING	2
21	067606-021	BEARING, SCISSOR PIVOT	2
22	064298-005	BEARING, AXLE PIVOT	2
24	067606-010	BEARING 16DX16	6
23	062649-020	BEARING, STEERING ROD	2
25	067666-006	TIRE & WHEEL - RH	1
26	067666-007	TIRE & WHEEL - LH	1
27	067664-002	TIRE & WHEEL - RH 4WD FRONT	1
28	067664-003	TIRE & WHEEL - LH 4WD FRONT	1
29	011252-020	SCREW, HHC 1/4-20UNC X 2-1/2	6
30	011248-004	NUT, HEX 1/4-20 ESNA	6
31	062642-020	BEARING, 16 DU 12	4
32	067746-001	STEERING LINK PIN	2
33	011254-018	SCREW, HHC 3/8-16UNC X 2-1/4	6
34	011248-006	NUT, HEX 3/8-16UNC ESNA	6
35	062889-012	PIN, HAIR COTTER .177 X 3-1/2	2
36	011848-050	PIN, CLEVIS 1 X 2-3/4	1
37	013315-011	RETAINING "E" RING	2
38	011848-030	CLEVIS PIN 1/2 X 2	2
39	011248-008	NUT, HEX 1/2-13UNC ESNA	17
40	011256-028	SCREW, HHC 1/2-13UNC X 3-1/2	2
41	011256-012	SCREW, HHC 1/2-13UNC X 1-1/2	16
42	011238-008	LOCKWASHER, SPLIT 1/2	29

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
43	011249-016	LOCKNUT, HEX 1-14UNF ESNA	4
44	011297-016	WASHER, BELL 1"	4
45	064370-001	SCREW, HHC 3/4-10UNC X 1-1/2	2
45	064370-001	CYLINDER PIN 1 X 5-1/4	2
45	064370-001	CYLINDER PIN 1 X 5-1/4	2
46	011258-012	SCREW, HHC 3/4-10UNC X 1-1/2	4
47	012030-038	SCREW, SOC HD 1/2-13UNC X 4 3/4	8
48	011469-005	LUG NUT, 9/16-18 90°	16
51	011934-001	FITTING, 90° 4MB - 4MJ	4
52	011757-005	COTTER PIN	1
53	015961-010	FITTING, TEE 10MB - 10MJ-10MJ	1
54	011941-001	FITTING, 4MB-4MJ	1
55	011941-014	FITTING, 12MB - 8MJ	2
56	011935-006	FITTING, 45° 10MB - 10MJ	2
57	011934-011	FITTING, 90° 10MB - 10MJ	1
58	011934-003	FITTING, 90° 6MB - 4MJ	2
59	012030-010	SCREW SOC HD 1/2-13 X 1-1/4	8
60	067878-000	AXLE COVER 4WD	1
61	067674-008	FITTING 45° 12MB-8MJ	4
62	064296-004	LIMIT SWITCH	1
63	064294-005	CLAMP LEVER	1
64	012002-010	FITTING 10MJ - 10MJ 90°	4
66	011848-051	CLEVIS PIN 1" DIA. X 2"	1
67	063978-000	PUMP HAND (BRAKE)	1
68	011240-006	WASHER 3/8 STD	6
69	013336-001	FITTING, LUBE STR	3
71	011709-018	SCREW MACH RD HD 10-24 X 2-1/4	4
72	011248-003	NUT HEX ESNA 10-24	4
73	067746-002	TRUNNION PIN UPPER	2
74	011935-003	FITTING 6MB - 6MJ 45°	1
75	011941-005	FITTING 6MB - 6MJ STR	1
76	011252-004	SCREW HHC 1/4-20 X 1/2	2
77	011240-004	WASHER 1/4 FLAT STD	2
78	064279-000	THRUST WASHER	2
79	067805-099	GROMMET MATL	FT 7.00
80	024501-003	SHEET 1/8 RUBBER 3 X 48	1
81	013336-003	FITTING LUBE 90°	2
85	067865-000	WHEEL HUB	2
86	014122-001	WHEEL BOLT	12
87	012030-024	SCREW SOC HD 1/2-13 X 3	8
88	067603-013	GASKET	REF
89	029925-000	CABLE, CONNECTOR 1/2"	1
90	011754-012	COTTER PIN 5/32 X 1-1/2	2
91	012877-009	BIDIRECTIONAL RELIEF VALVE 1800 PSI	2

* Not shown

NOTES:

- 1. APPLY LOCTITE 242 TO THREADS.
- 2. TORQUE WHEEL NUTS/BOLTS TO 150 FT/LBS. FRONT AND REAR. REFER TO SERVICE INFORMATION #SI 98.1.
- 3. TORQUE MOUNTING BOLTS TO 75 FT/LBS.
- 4. TORQUE MOTOR / BRAKE / TORQUE HUB MOUNTING SOCKET HEAD TO 75 FT/LBS.
- 5. NOTE TIRE LUG TO WHEEL ORIENTATION.
- 6. INSTALL ITEM #43 NUT ONTO #45 CYLINDER PIN AND LEAVE 1/2" OF EXPOSED THREAD (ONE SIDE ONLY).
- 7. GREASE TRUNNION BEARINGS (160X16-6) BEFORE INSTALLING TRUNNION PINS.
- 8. FILL WITH SAE 90W GEAR OIL.
- 9. TORQUE SPINDLE NUT TO 350 FT/LBS..



UNLESS OTHERWISE NOTED TORQUE FASTENERS TO UPRIGHT SPEC. #105

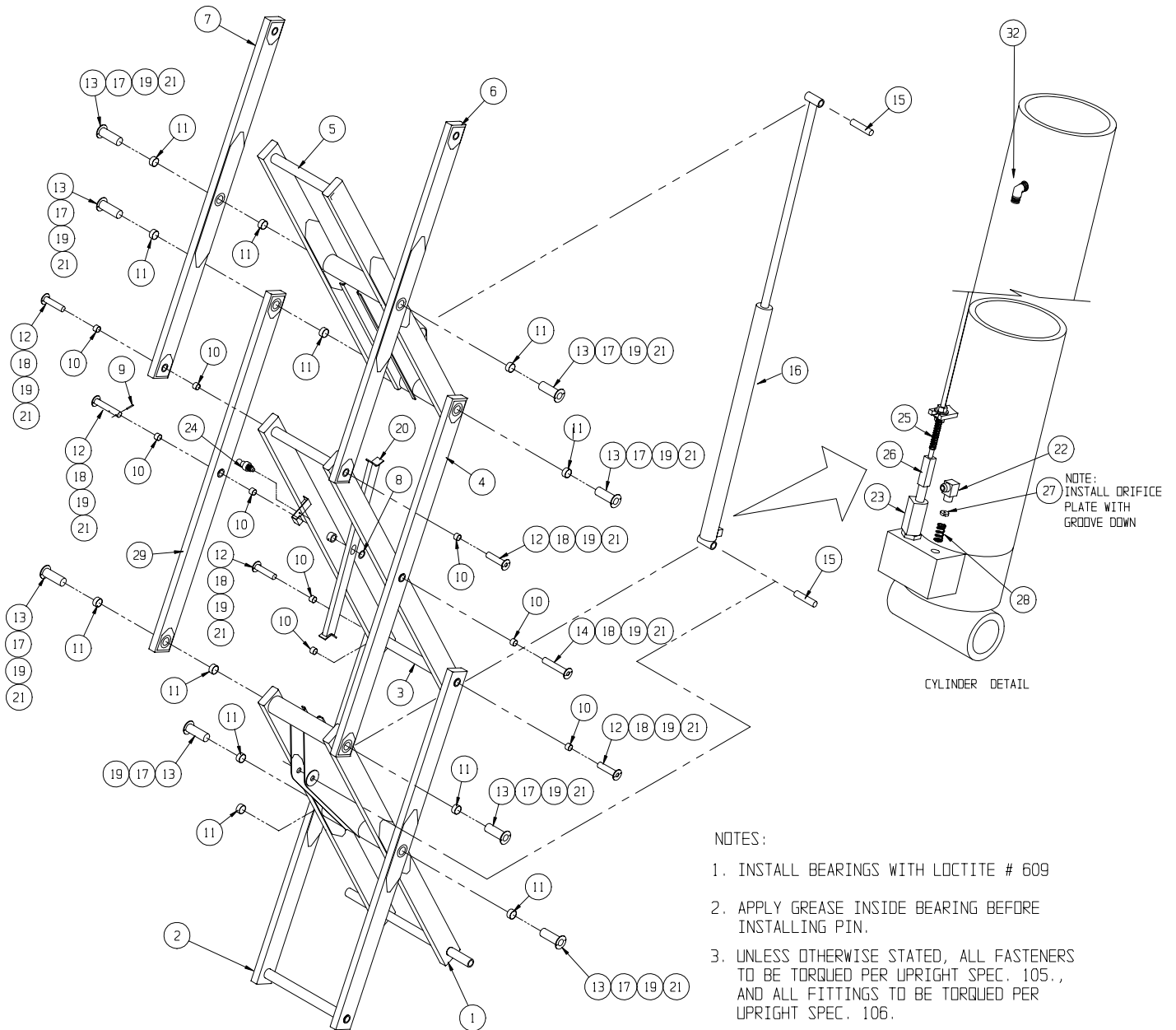
UNLESS OTHERWISE NOTED TORQUE FITTINGS TO UPRIGHT SPEC. #106

Scissor Linkage Assembly, LX31

067422-000

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067550-001	ARM WELDMENT	1
2	067551-002	ARM WELDMENT	1
3	067552-000	ARM WELDMENT	1
4	067593-001	ARM WELDMENT	1
5	067828-001	ARM WELDMENT	1
6	067830-000	ARM WELDMENT	1
7	067832-000	ARN WELDMENT	1
8	011786-017	MACHINERY BUSHING, 2" ID X 14 GA.	1
9	011757-028	COTTER PIN 3/8 DIA X 3-1/2	1
10	067606-020	BEARING, 2" I.D. X 1 1/2" LG.	12
11	067606-030	BEARING, 3" I.D. X 1 1/2" LG.	16
12	067583-000	PIN WELDMENT	5
13	067580-000	PIN WELDMENT	8
14	067585-000	PIN WELDMENT	1
15	067586-000	PIN, CYLINDER	2
16	067635-020	LIFT CYLINDER	1
*	067635-030	LIFT CYLINDER SEAL KIT	REF

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
16	067635-021	LIFT CYLINDER	1
*	067635-031	LIFT CYLINDER SEAL KIT	REF
17	014033-048	H.H.C.S. 1/2-13 UNC X 6 GR. 8	8
18	014033-032	H.H.C.S. 1/2-13 UNC X 4 GR. 8	6
19	011248-008	HEX LOCK NUT 1/2-13 UNC	14
20	067591-000	SUPPORT WELDMENT	1
21	013336-001	GREASE FITTING	14
22	011934-004	ADAPTER 90° #6	1
23	063925-003	DOWN VALVE	1
24	03570-001	RETAINING PIN ASSLY	1
25	067659-000	CABLE ASSY	1
26	067877.000	COUPLER	1
27	015919-006	ORIFICE PLATE	1
28	05133-000	SPRING	1
29	067593-010	ARM WELDMENT	1
32	011940-006	FITTING 4MP-6MJ 90°	1

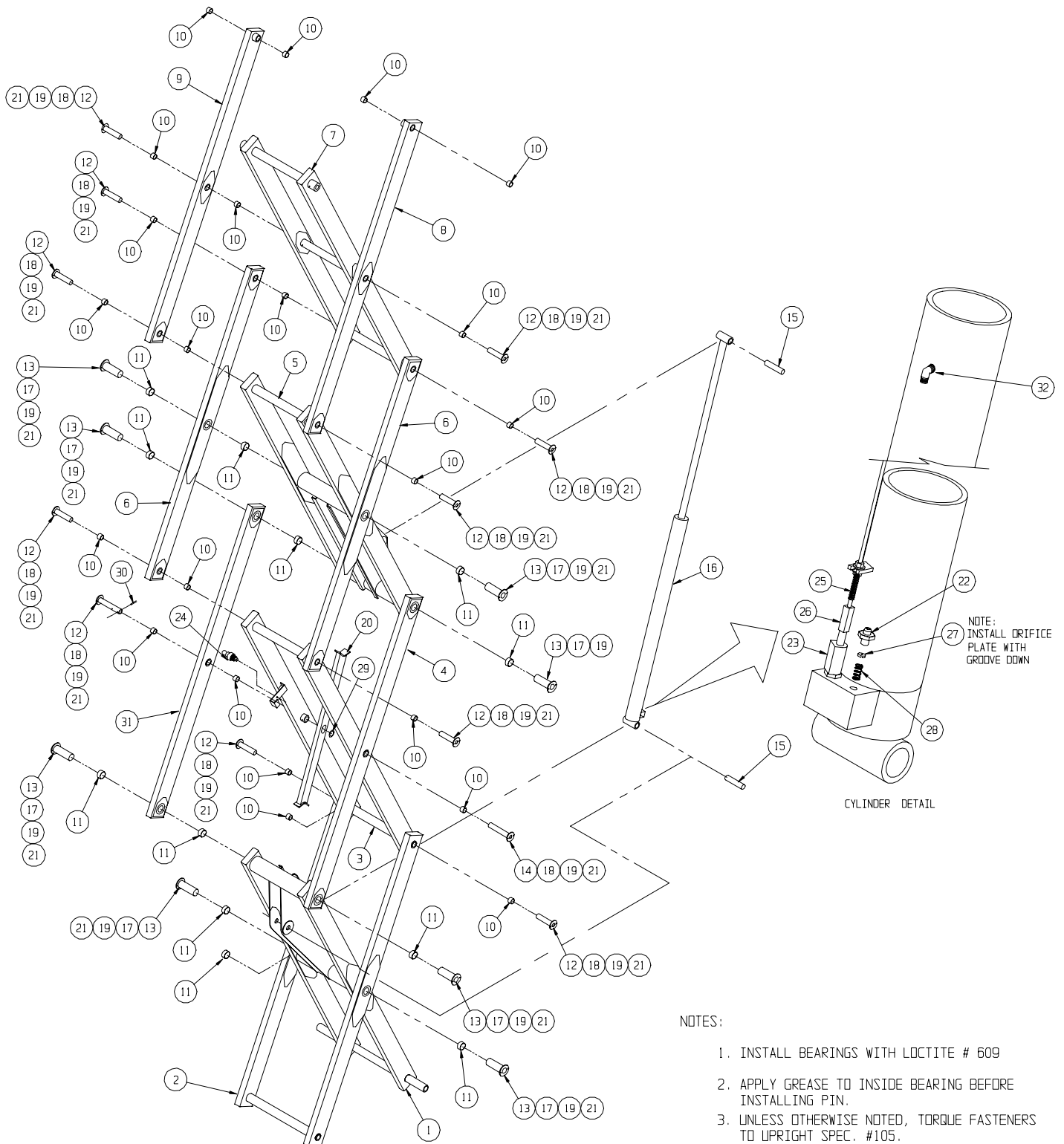


Scissor Linkage Assembly, LX41

067423-000

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067550-001	ARM WELDMENT	1
2	067551-002	ARM WELDMENT	1
3	067552-000	ARM WELDMENT	1
4	067593-001	ARM WELDMENT	1
5	067553-001	ARM WELDMENT	1
6	067554-000	ARM WELDMENT	2
7	067555-000	ARM WELDMENT	1
8	067556-000	ARM WELDMENT	1
9	067557-000	ARM WELDMENT	1
10	067606-020	BEARING, 2" I.D. X 1 1/2" LG.	28
11	067606-030	BEARING, 3" I.D. X 1 1/2" LG.	16
12	067583-000	PIN WELDMENT	11
13	067580-000	PIN WELDMENT	8
14	067585-000	PIN WELDMENT	1
15	067586-000	PIN, CYLINDER	2
16	067635-021	LIFT CYLINDER	1
*	067635-031	LIFT CYLINDER SEAL KIT	REF

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
17	014033-048	H.H.C.S. 1/2-13 UNC X 7 1/2 GR. 8	8
18	014033-032	H.H.C.S. 1/2-13 UNC X 4 1/2 GR. 8	12
19	011248-008	HEX LOCK NUT 1/2-13 UNC	20
20	067591-000	SUPPORT WELDMENT	1
21	013336-001	GREASE FITTING	20
22	011941-005	STRAIGHT ADAPTER #6	1
23	063925-003	DOWN VALVE	1
24	03570-001	RETAINING PIN ASSLY	1
25	067659-010	CABLE ASSLY	1
26	067877-000	COUPLER	1
27	15919-003	ORIFICE PLATE	1
28	05133-000	SPRING	1
29	011786-017	MACHINERY BUSHING, 2" ID X 14 GA.	1
30	011757-028	COTTER PIN 3/8 DIA X 3-1/2	1
31	067593-010	ARM WELDMENT	1
32	011940-006	FITTING 4MP-6MJ 90°	1



Scissor Linkage Assembly, LX50

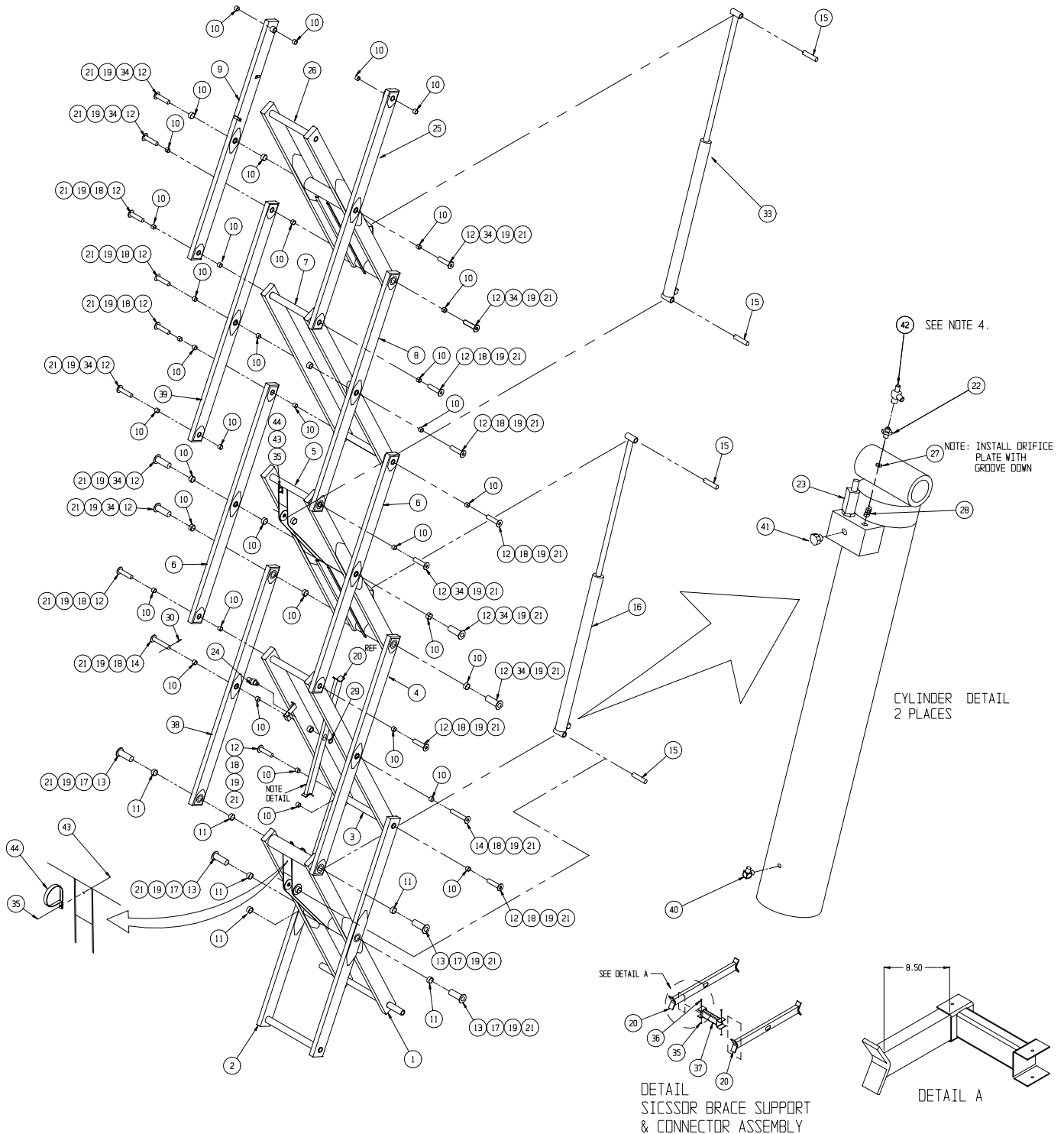
067424-000

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067968-001	ARM WELDMENT	1
2	067969-001	ARM WELDMENT	1
3	067970-000	ARM WELDMENT	1
4	067971-001	ARM WELDMENT	1
5	067972-001	ARM WELDMENT	1
6	067973-000	ARM WELDMENT	2
7	067974-000	ARM WELDMENT	1
8	067975-000	ARM WELDMENT	1
9	067557-010	ARM WELDMENT	1
10	067606-020	BEARING, 2" I.D. X 1 1/2" LG.	48
11	067606-030	BEARING, 3" I.D. X 1 1/2" LG.	8
12	067583-000	PIN WELDMENT	20
13	067580-000	PIN WELDMENT	4
14	067585-000	PIN WELDMENT	2
15	067586-000	PIN, CYLINDER	4
16	067635-025	LIFT CYLINDER	1
*	067635-035	LIFT CYLINDER SEAL KIT	REF
17	014033-048	SCREW 1/2-13 UNC X 6 GR. 8	4
18	014033-032	SCREW HHC 1/2-13 UNC X 4 GR. 8	12
19	011248-008	HEX LOCK NUT 1/2-13 UNC	26
20	067591-000	SUPPORT WELDMENT	2
21	013336-001	GREASE FITTING	26

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
22	011941-005	STRAIGHT ADAPTER #6	2
23	060291-000	DOWN VALVE	2
24	003570-002	RETAINING PIN ASSLY	1
25	067556-000	ARM WELDMENT	1
26	067976-001	ARM WELDMENT	1
27	015919-003	ORIFICE PLATE	2
28	005133-000	SPRING	2
29	011786-017	MACHINERY BUSHING, 2" ID X 14 GA.	2
30	011757-028	COTTER PIN 3/8 DIA X 3-1/2	2
33	067635-024	LIFT CYLINDER	1
*	067635-034	LIFT CYLINDER SEAL KIT	REF
34	011256-036	SCREW HHC 1/2-13UNC X 4 1/2	10
35	011248-004	NUT HEX ESNA 1/4-20UNC	4
36	011252-040	SCREW HEX 1/4-20UNC X 5	2
37	067979-000	SCISSOR BRACE CONNECTOR WELDMENT	1
38	067971-010	ARM WELDMENT	1
39	067975-010	ARM WELDMENT	1
40	011940-006	FITTING, 6MJ-4MP 90	2
41	020021-010	PLUG, 10MB	2
42	020733-002	FITTING TEE 6FJX-6MJ-6MJ	1
43	011252-006	SCREW HHCS 1/4-20UNC X 3/4	2
44	SEE FINAL	CLAMP	REF

NOTES:

1. INSTALL BEARINGS WITH LOCTITE # 609
2. APPLY GREASE TO INSIDE BEARING BEFORE INSTALLING PIN.
3. UNLESS OTHERWISE STATED, ALL FASTENERS TO BE TORQUED PER UPRIGHT SPEC. 105., AND ALL FITTINGS TO BE TORQUED PER UPRIGHT SPEC. 106.
4. ADD ITEM 42 TO BOTTOM CYLINDER ONLY



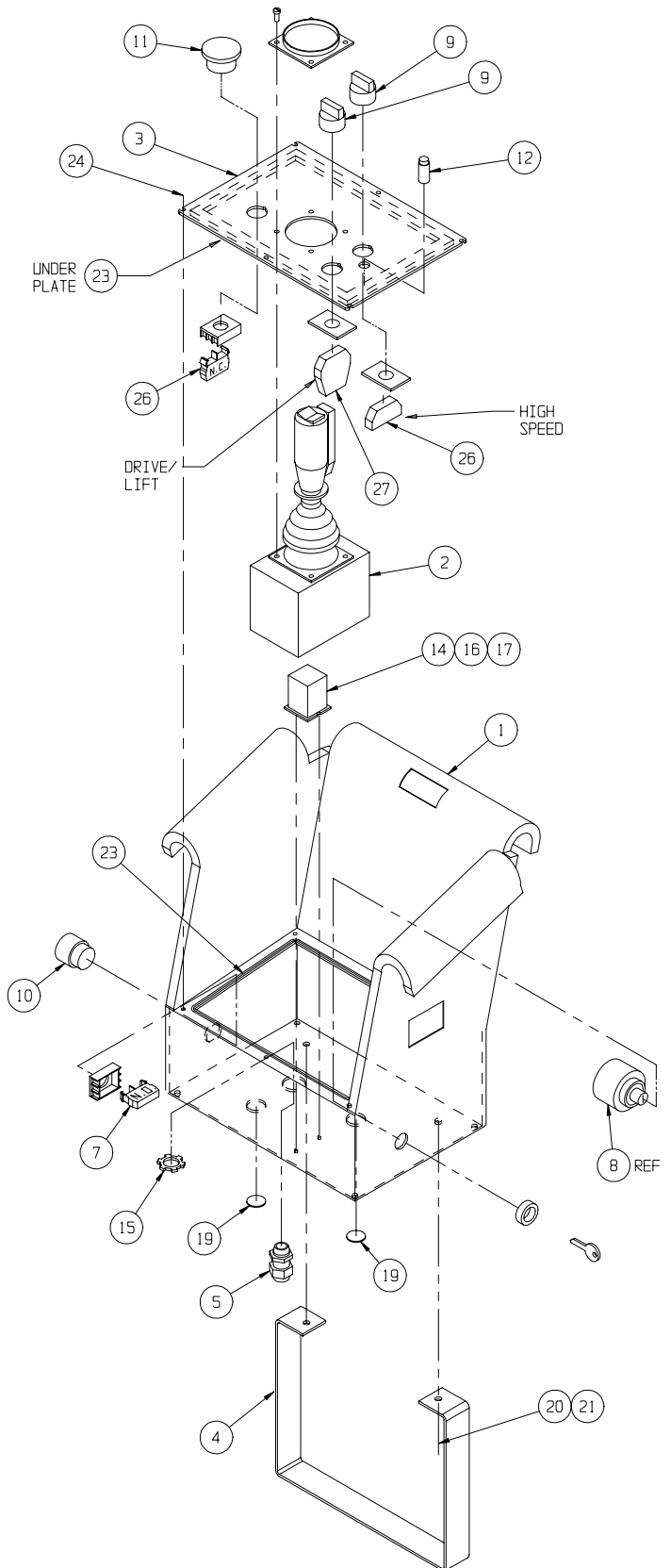
Controller Assembly, LX31/LX41/LX50

067528-010

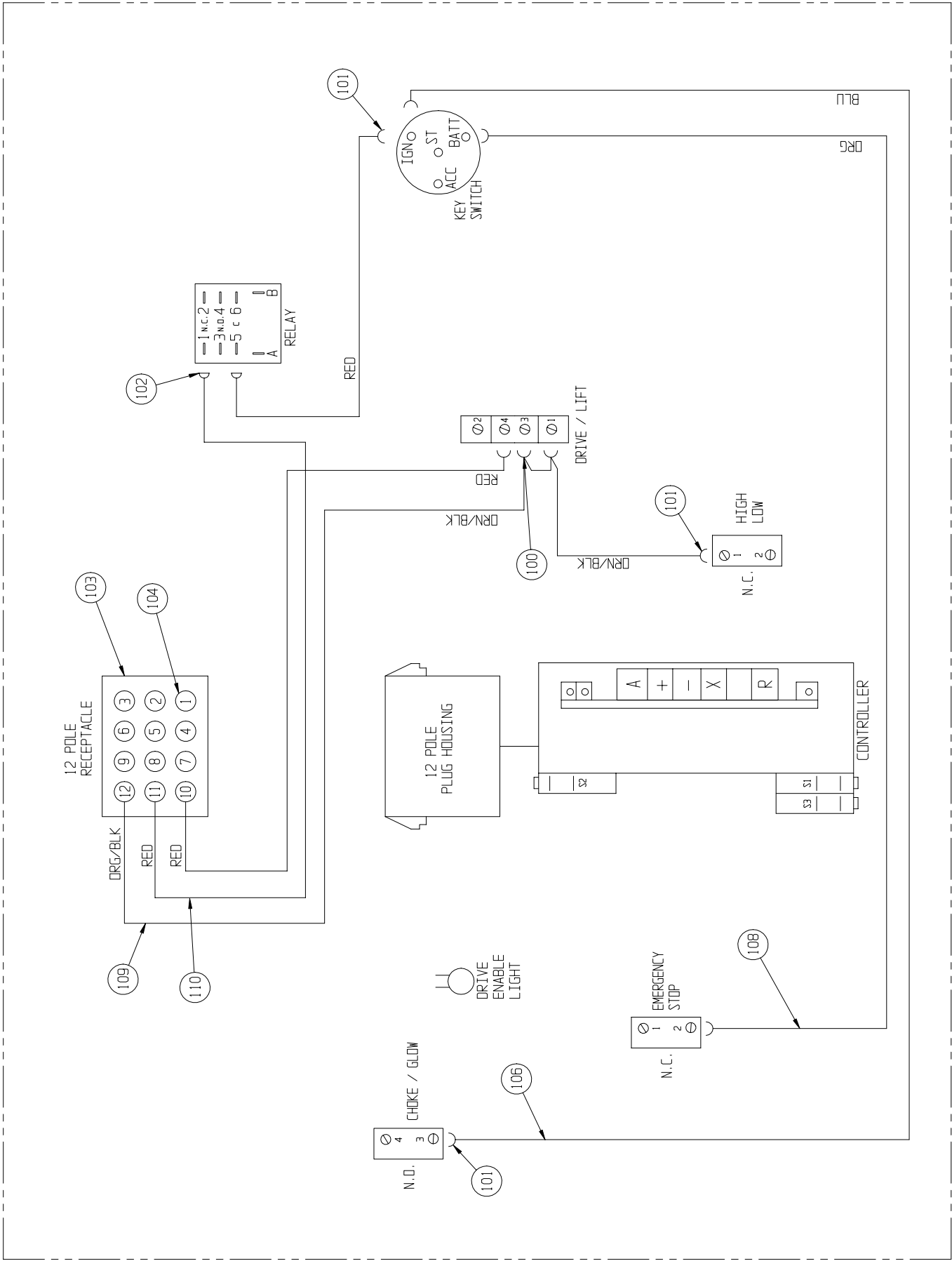
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067487-000	LX CONTROL BOX	1
2	067643-001	CONTROLLER, PROPORTIONAL 12V	1
*	015772-001	MICRO SWITCH	1
*	066544-014	STEERING SWITCH	1
*	063913-003	BOOT, STEERING SWITCH	1
*	063913-004	ROCKER ASSEMBLY	1
*	066544-010	HANDLE, 2 PIECE	1
*	066544-011	LEVER, INTERLOCK	1
*	066544-012	SWITCH, INTERLOCK	1
*	066544-013	BOOT, CONTROL HANDLE SHAFT	1
*	066544-015	FLANGE, CONTROLLER MOUNTING	1
3	067486-002	COVER PLATE, CONTROLLER BOX	1
4	067483-000	CONTROLLER SUPPORT	1
5	029925-010	CABLE CONNECTOR, 3/4"	1
7	066805-010	CONTACT BLOCK, N.O.	1
8	064666-000	KEY SWITCH	1
*	005442-000	KEY	1
9	066805-002	SELECTOR SWITCH	2
10	066805-018	PUSH BUTTON	1
11	066805-006	MUSHROOM BUTTON	1
12	068133-000	INDICATOR LIGHT	1
14	063951-001	RELAY	1
15	029939-003	CONDUIT NUT, 3/4"	1
16	011248-047	LOCKNUT, #6-32	2
17	011715-004	SCREW, #6-32 X 1/2	2
19	063926-011	CAP PLUG	2
20	011252-006	SCREW, 1/4-20 UNC, HEX HD CAP X 3/4	2
21	011248-004	LOCKNUT, 1/4-20 UNC, HEX	2
23	068889-099	WEATHERSTRIP 1/2 X 3/6 FOAM	3 FT.
24	010952-004	SCREW, BUTT. HD, TORX, 10-24 UNC X 1/2	6
26	066805-011	CONTACT BLOCK N.C.	2
27	066805-012	CONTACT BLOCK, DOUBLE, N.C.-N.O.	1
100	029610-018	CONNECTOR FORK TERM 12-10 GA. #8	2
101	029610-002	CONNECTOR FORK TERM 16-14 GA. #8	7
102	029615-002	CONNECTOR FEMALE PUSH 16-14 GA.	2
103	063956-003	PLUG, HOUSING	1
104	063956-010	PIN, CONTACT MALE	3
105	029452-099	WIRE 16 GA. BLACK	2 FT
106	029450-099	WIRE 16 GA. BLUE	3 FT
108	029453-099	WIRE 16 GA. ORG	1 FT
109	029477-099	WIRE 16 GA. ORG/BLK	1 FT
110	029454-099	WIRE 16 GA. RED	2 FT

* Not shown

Drawing 1 of 2

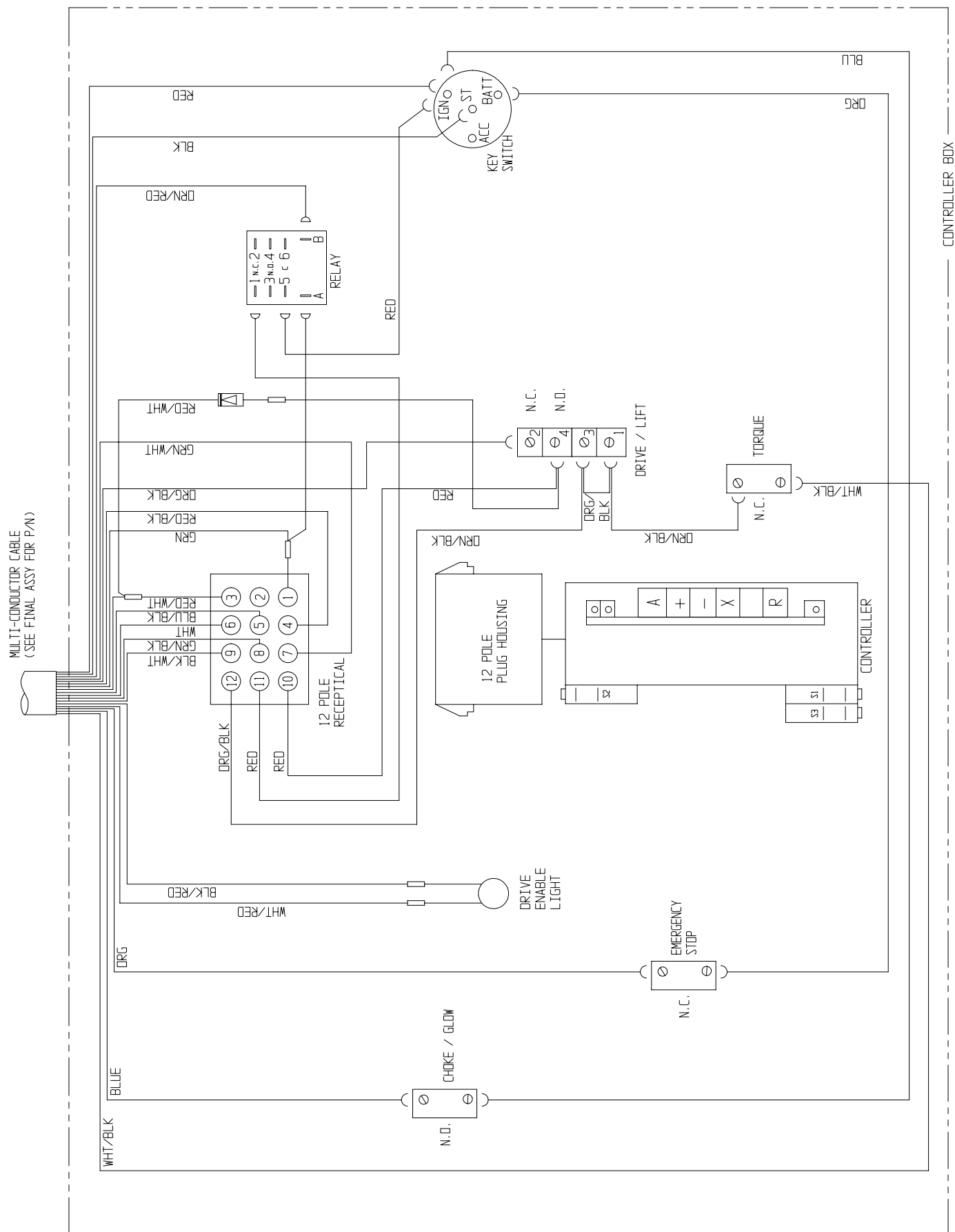


Drawing 2 of 2



CONTROLLER BOX

Upper Controller Wiring Diagram, LX Diesel/Dual Fuel 108044-000



NOTES:

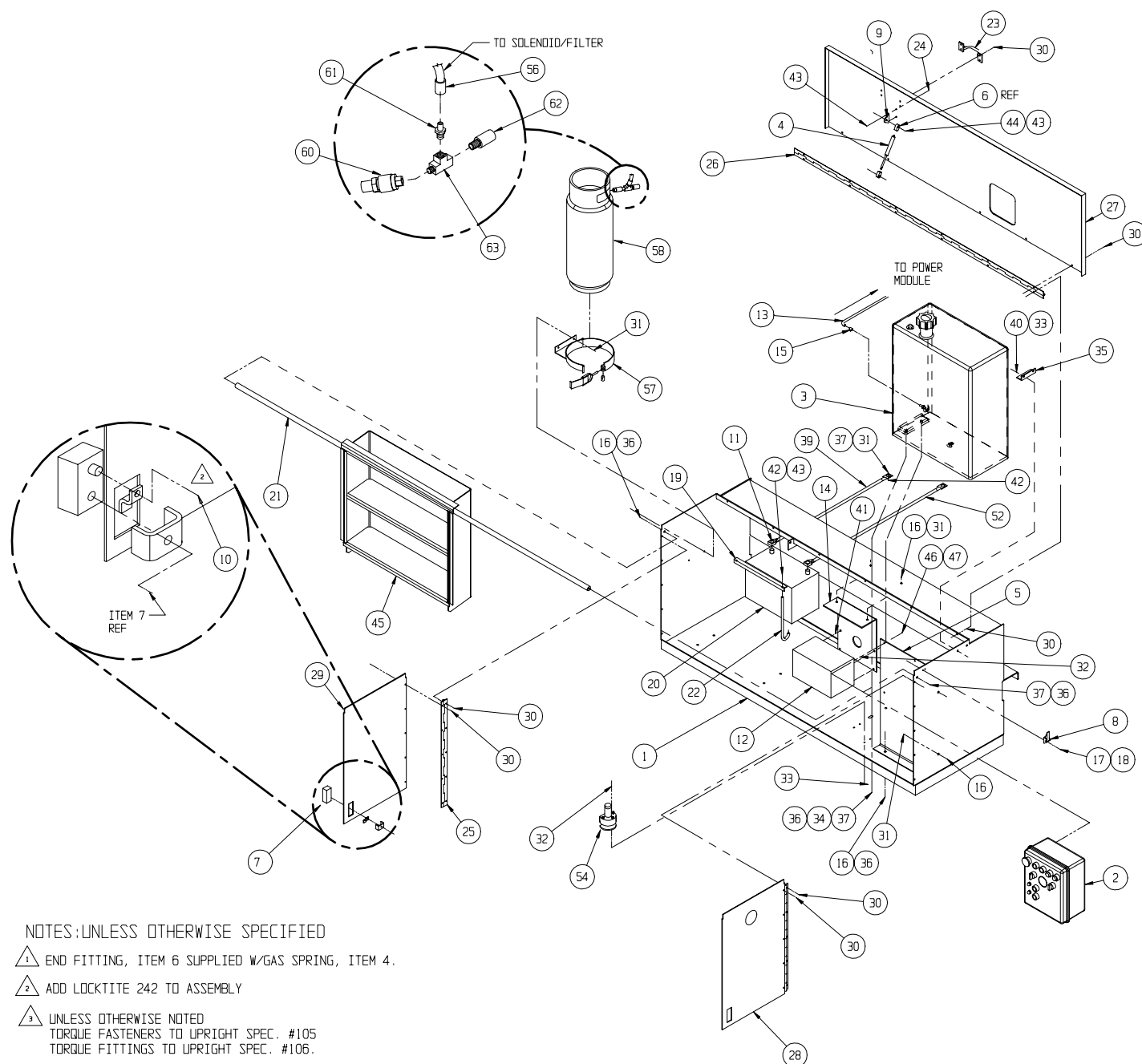
Control Module Assembly, LX31/LX41 - Dual Fuel

067521-026

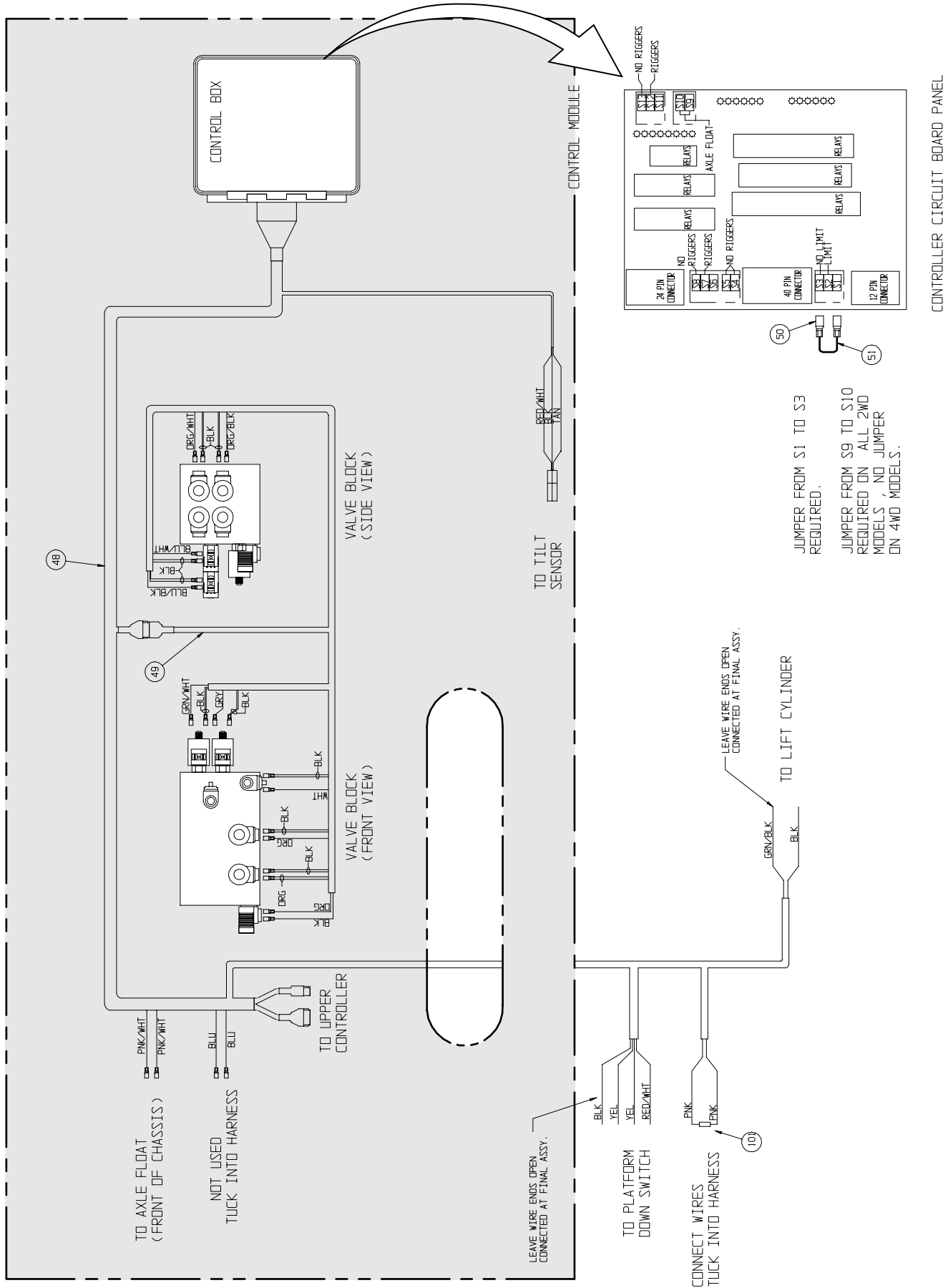
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067810-003	CONTROL MODULE WELDMENT	1
2	067491-001	CONTROL BOX , D/F	1
*	067491-011	PC BOARD WITHOUT OUTRIGGER	1
*	067491-012	PC BOARD WITH OUTRIGGER	1
3	067485-000	FUEL TANK, ASSEMBLY, GAS	1
4	063650-012	GAS SPRING	1
5	067484-000	CONTROL BOX MOUNT	1
6	067648-008	END FITTING, GAS SPRING	REF
7	067629-000	LATCH, FLUSH LIFT & TURN	2
8	05299-000	LATCH, TOGGLE	2
9	067902-000	BRACKET, GAS SPRING	1
10	063947-008	NUT HEX ESNA M8	2
11	014435-001	TERMINAL, BATTERY	2
12	067489-001	VALVE BLOCK ASSY. (4WD)	1
13	012739-099	HOSE, 1/4 I.D.	11 FT
14	067892-000	BRACKET, VALVE BLOCK	1
15	020541-001	HOSE CLAMP	1
16	011254-008	SCRW HHC GR5 3/8-16UNC X 1	12
17	011708-004	SCRW MACH RD HD 8-32UNC X 1/2	4
18	011248-002	LOCK NUT, ESMA 8-32UNC	4
19	064040-000	ANGLE, BATTERY HOLD DOWN	1
20	062299-002	BATTERY, 12 VDC GROUP-27C	1
21	067856-000	WELDMENT, STIFFENER	1
22	012039-000	ROD, BATTERY HOLD DOWN	2
23	025427-002	HANDLE	1
24	011253-006	SCR HHC 5/16-18 X 3/4	2
25	067808-000	HINGE, 1 1/2 X 23 7/8	2
26	067809-002	HINGE, 1 1/2 X 65	1
27	067799-008	MODULE COVER / CONTROL	1
28	030841-031	MODULE DOOR, R.H.	1
29	030841-032	MODULE DOOR, L.H.	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
30	026554-002	POP RIVET, 1/4 DIA (.251-.375 GRIP)	36
31	011248-006	NUT, 3/8-16 ESNA	11
32	011252-006	SCREW, HHC 1/4-20 X 3/4	2
33	011248-004	NUT, 1/4-20 ESNA	4
34	011239-006	WASHER, 3/8", SPLIT LOCK	2
35	067854-001	ANGLE, FUEL TANK MOUNT	1
36	011240-006	WASHER, 3/8", STD, FLT	6
37	011254-006	SCREW HHC 3/8-16 X 3/4	2
39	062125-084	CABLE, BATTERY X 84	1
40	011240-004	WASHER 1/4 FLAT	4
41	011254-004	SCRW HHC GR5 3/8-16UNC X 1/2	4
42	011237-006	WASHER, 3/8 STAR	1
43	011248-005	NUT, HEX 5/16-18 ESNA	4
44	015936-004	SCR, SHOULDER 3/8 DIA. X 1/2	2
45	030841-030	WELDMENT, STAIR	1
46	011275-006	SCREW HHC 10-32UNF X 3/4"	4
47	011238-002	WASHER SPLIT-LOCK #10	4
48	067492-001	WIRE HARNESS, MAIN CONTROL	1
49	067492-002	WIRE HARNESS, VALVE BLOCK	1
50	029931-003	CONN. FEMALE PUSH, 16-14 AWG, .250 TAB	4
51	029454-099	WIRE 16 AWG THHN STRD COP RED	6 IN.
52	062125-004	CABLE, BATTERY X 18 FOR SHIPPING	1
53	062125-096	CABLE, BATTERY X 96	1
56	067615-049	HOSE ASSY X 100"	1
57	027823-000	TANK MOUNTING BRACKET	1
58	027934-009	FUEL TANK, PROPANE	1
60		FEMALE ADAPTER (PROPANE TANK)	1
61	Supplied with engine	FITTING,STR 2MP-6MJ BRASS	1
62		RELIEF VALVE 400 PSI	1
63		FITTING 2-2-2 STR TEE BRASS	1

Drawing 1 of 2



Drawing 2 of 2



NOTES:

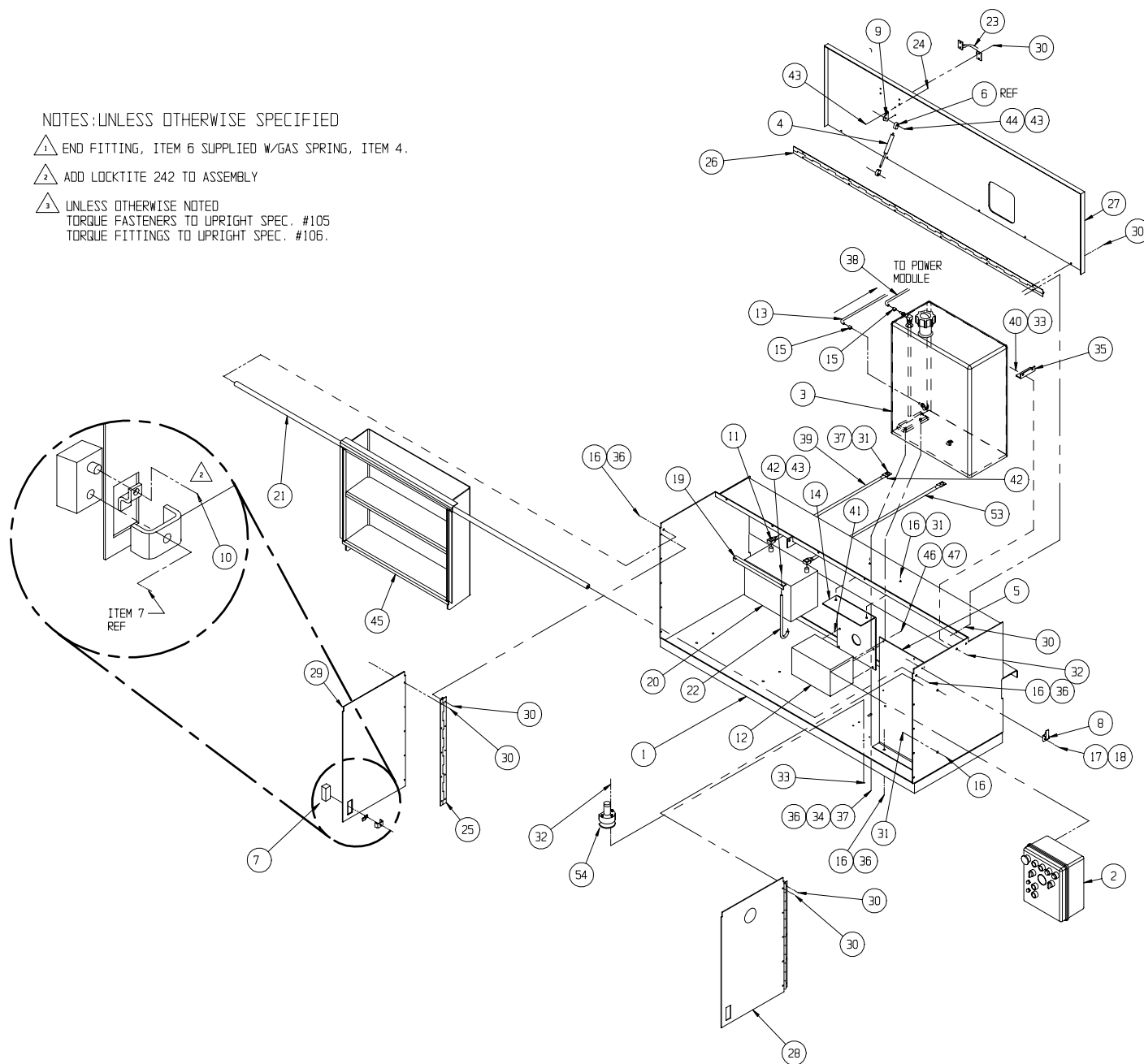
Control Module Assembly, LX31/LX41 Diesel

067521-027

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067810-003	CONTROL MODULE WELDMENT	1
2	067491-002	CONTROL BOX , DIESEL	1
3	067485-001	FUEL TANK, ASSEMBLY, DIESEL	1
4	063650-012	GAS SPRING	1
5	067484-000	CONTROL BOX MOUNT	1
6	067648-008	END FITTING, GAS SPRING	REF
7	067629-000	LATCH, FLUSH LIFT & TURN	2
8	05299-000	LATCH, TOGGLE	2
9	067902-000	BRACKET, GAS SPRING	1
10	063947-008	NUT HEX ESNA M8	2
11	014435-001	TERMINAL, BATTERY	2
12	067489-001	VALVE BLOCK ASSY. (4WD)	1
13	012739-099	HOSE, 1/4 I.D.	11 FT
14	067892-000	BRACKET, VALVE BLOCK	1
15	020541-001	HOSE CLAMP	2
16	011254-008	SCRW HHC GR5 3/8-16UNC X 1	8
17	011708-004	SCRW MACH RD HD 8-32UNC X 1/2	4
18	011248-002	LOCK NUT, ESMA 8-32UNC	4
19	064040-000	ANGLE, BATTERY HOLD DOWN	1
20	062299-002	BATTERY, 12 VDC GROUP-27C	1
21	067856-000	WELDMENT, STIFFENER	1
22	012039-000	ROD, BATTERY HOLD DOWN	2
23	025427-002	HANDLE	1
24	011253-006	SCR HHC 5/16-18 X 3/4	2
25	067808-000	HINGE, 1 1/2 X 23 7/8	2
26	067809-002	HINGE, 1 1/2 X 65	1
27	067799-008	MODULE COVER / CONTROL	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
28	030841-031	MODULE DOOR, R.H.	1
29	030841-032	MODULE DOOR, L.H.	1
30	026554-002	POP RIVET, 1/4 DIA (.251-.375 GRIP)	36
31	011248-006	NUT, 3/8-16 ESNA	7
32	011252-006	SCREW, HHC 1/4-20 X 3/4	2
33	011248-004	NUT, 1/4-20 ESNA	4
34	011239-006	WASHER, 3/8", SPLIT LOCK	2
35	067854-001	ANGLE, FUEL TANK MOUNT	1
36	011240-006	WASHER, 3/8", STD, FLT	6
37	011254-006	SCREW HHC 3/8-16 X 3/4	2
38	012736-099	HOSE, 3/16 ID	11 FT
39	062125-084	CABLE, BATTERY X 84	1
40	011240-004	WASHER 1/4 FLAT	4
41	011254-004	SCRW HHC GR5 3/8-16UNC X 1/2	4
42	011237-006	WASHER, 3/8 STAR	1
43	011248-005	NUT, HEX 5/16-18 ESNA	4
44	015936-004	SCR, SHOULDER 3/8 DIA. X 1/2	2
45	030841-030	WELDMENT, STAIR	1
46	011275-006	SCREW HHC 10-32UNF X 3/4"	4
47	011238-002	WASHER SPLIT-LOCK #10	4
48	067492-001	WIRE HARNESS, MAIN CONTROL	1
49	067492-002	WIRE HARNESS, VALVE BLOCK	1
50	029931-003	CONN. FEMALE PUSH, 16-14 AWG, .250 TAB	4
51	029454-099	WIRE 16 AWG THHN STRD COP RED	6 IN.
52	062125-004	CABLE, BATTERY X 18 FOR SHIPPING	1
53	062125-096	CABLE, BATTERY X 96	1
54	029945-032	LEVEL SENSOR, BI-DIRECTIONAL	1

3 UNLESS OTHERWISE NOTED
TORQUE FASTENERS TO UPRIGHT SPEC. #105
TORQUE FITTINGS TO UPRIGHT SPEC. #106.





NOTES:

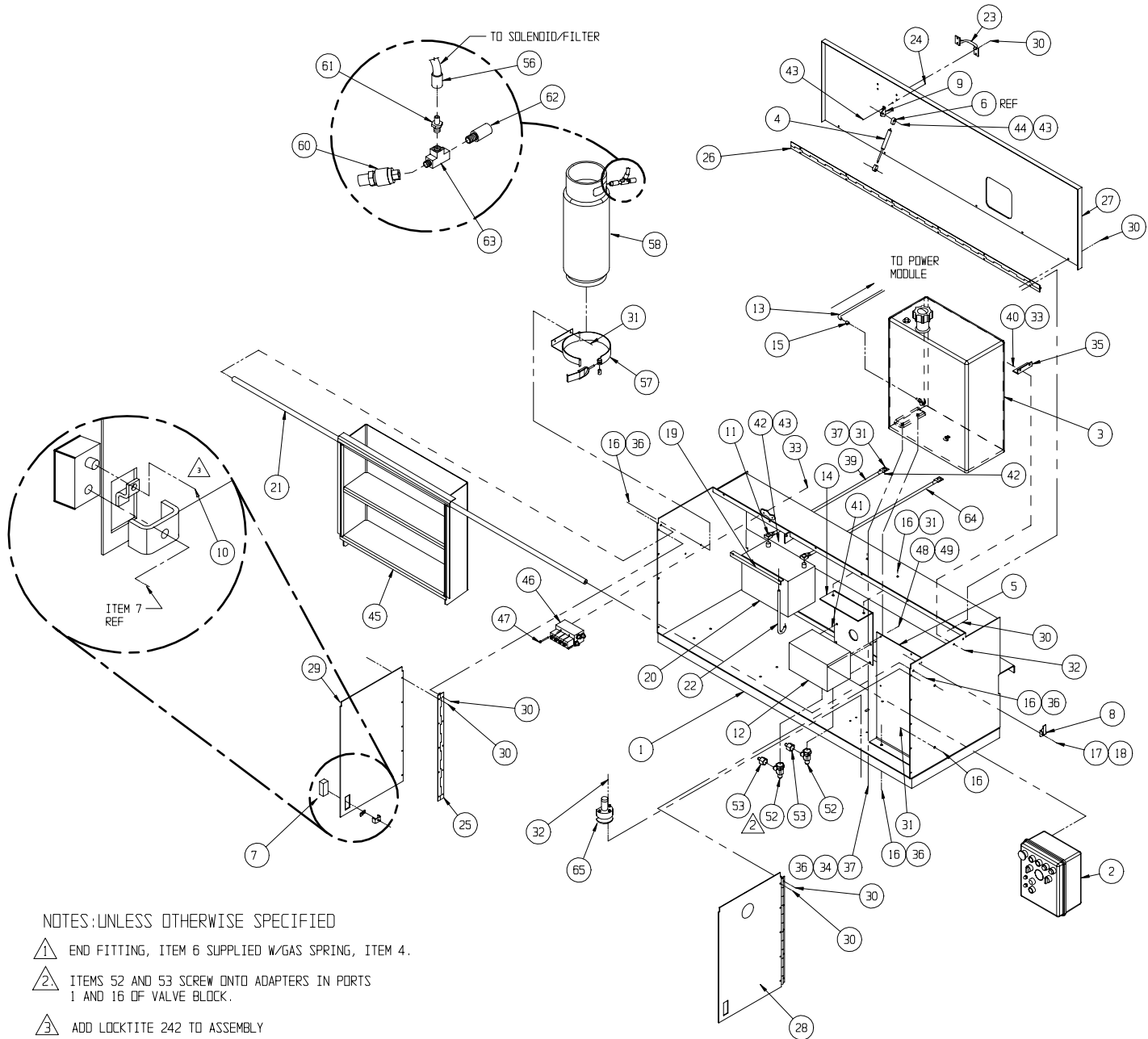
Control Module Assembly, LX50 - Dual Fuel

067521-030

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067810-003	CONTROL MODULE WELDMENT	1
2	067491-003	CONTROL BOX , D/F, W/OUTRIGGER	1
3	067485-000	FUEL TANK, ASSEMBLY, GAS	1
4	063650-012	GAS SPRING	1
5	067484-000	CONTROL BOX MOUNT	1
6	067648-008	END FITTING, GAS SPRING	REF
7	067629-000	LATCH, FLUSH LIFT & TURN	2
8	05299-000	LATCH, TOGGLE	2
9	067902-000	BRACKET, GAS SPRING	1
10	063947-008	NUT HEX ESNA M8	2
11	014435-001	TERMINAL, BATTERY	2
12	067489-001	VALVE BLOCK ASSY. (4 W.D.)	1
13	012739-099	HOSE, 1/4 I.D.	11 FT
14	067892-000	BRACKET, VALVE BLOCK	1
15	020541-001	HOSE CLAMP	1
16	011254-008	SCRW HHC GR5 3/8-16UNC X 1	12
17	011708-004	SCRW MACH RD HD 8-32UNC X 1/2	4
18	011248-002	LOCK NUT, ESMA 8-32UNC	4
19	064040-000	ANGLE, BATTERY HOLD DOWN	1
20	062299-002	BATTERY, 12 VDC GROUP-27C	1
21	067856-000	WELDMENT, STIFFENER	1
22	012039-000	ROD, BATTERY HOLD DOWN	2
23	025427-002	HANDLE	1
24	011253-006	SCR HHC 5/16-18 X 3/4	2
25	067808-000	HINGE, 1 1/2 X 23 7/8	2
26	067809-002	HINGE, 1 1/2 X 65	1
27	067799-008	MODULE COVER / CONTROL	1
28	030841-031	MODULE DOOR, R.H.	1
29	030841-032	MODULE DOOR, L.H.	1
30	026554-002	POP RIVET, 1/4 DIA (.251-.375 GRIP)	36
31	011248-006	NUT, 3/8-16 ESNA	11
32	011252-006	SCREW, HHC 1/4-20 X 3/4	2

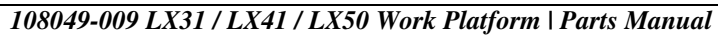
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
33	011248-004	NUT, 1/4-20 ESNA	6
34	011239-006	WASHER, 3/8", SPLIT LOCK	2
35	067854-001	ANGLE, FUEL TANK MOUNT	1
36	011240-006	WASHER, 3/8", STD, FLT	6
37	011254-006	SCREW HHC 3/8-16 X 3/4	2
39	062125-084	CABLE, BATTERY X 84	1
40	011240-004	WASHER 1/4 FLAT	4
41	011254-004	SCRW HHC GR5 3/8-16UNC X 1/2	4
42	011237-006	WASHER, 3/8 STAR	1
43	011248-005	NUT, HEX 5/16-18 ESNA	4
44	015936-004	SCR, SHOULDER 3/8 DIA. X 1/2	2
45	030841-030	WELDMENT, STAIR	1
46	067490-000	VALVE BLOCK, OUTRIGGER CONTROL	1
47	011252-032	SCREW HHC 1/4-20UNC X 4"	2
48	011275-006	SCREW HHC 10-32UNF X 3/4"	4
49	011238-002	WASHER SPLIT-LOCK #10	4
50	067492-001	WIRE HARNESS, MAIN CONTROL	1
51	067492-002	WIRE HARNESS, VALVE BLOCK	1
52	020733-005	TEE 12FJ-12MJ-12MJ	2
53	014693-003	ADAPTER, 12FJ-6MJ	2
54	029931-003	CONN. FEMALE PUSH, 16-14 AWG, .250 TAB	4
55	029454-099	WIRE 16 AWG THHN STRD COP RED	6 IN.
56	067615-049	HOSE ASSY X 100"	1
57	027823-000	TANK MOUNTING BRACKET	1
58	027934-009	FUEL TANK, PROPANE	1
59	062125-004	CABLE, BATTERY X 18 FOR SHIPPING	1
60		FEMALE ADAPTER (PROPANE TANK)	1
61	Supplied with engine	FITTING,STR 2MP-6MJ BRASS	1
62		RELIEF VALVE 400 PSI	1
63		FITTING 2-2-2 STR TEE BRASS	1
64	062125-096	CABLE, BATTERY X 96	1

Drawing 1 of 2



NOTES: UNLESS OTHERWISE SPECIFIED

- 1 END FITTING, ITEM 6 SUPPLIED W/GAS SPRING, ITEM 4.
- 2 ITEMS 52 AND 53 SCREW ONTO ADAPTERS IN PORTS 1 AND 16 OF VALVE BLOCK.
- 3 ADD LOCKTITE 242 TO ASSEMBLY
- 4 UNLESS OTHERWISE NOTED
TORQUE FASTENERS TO UPRIGHT SPEC. #105
TORQUE FITTINGS TO UPRIGHT SPEC. #106.



NOTES:

Control Module, LX50 - Diesel

067521-031

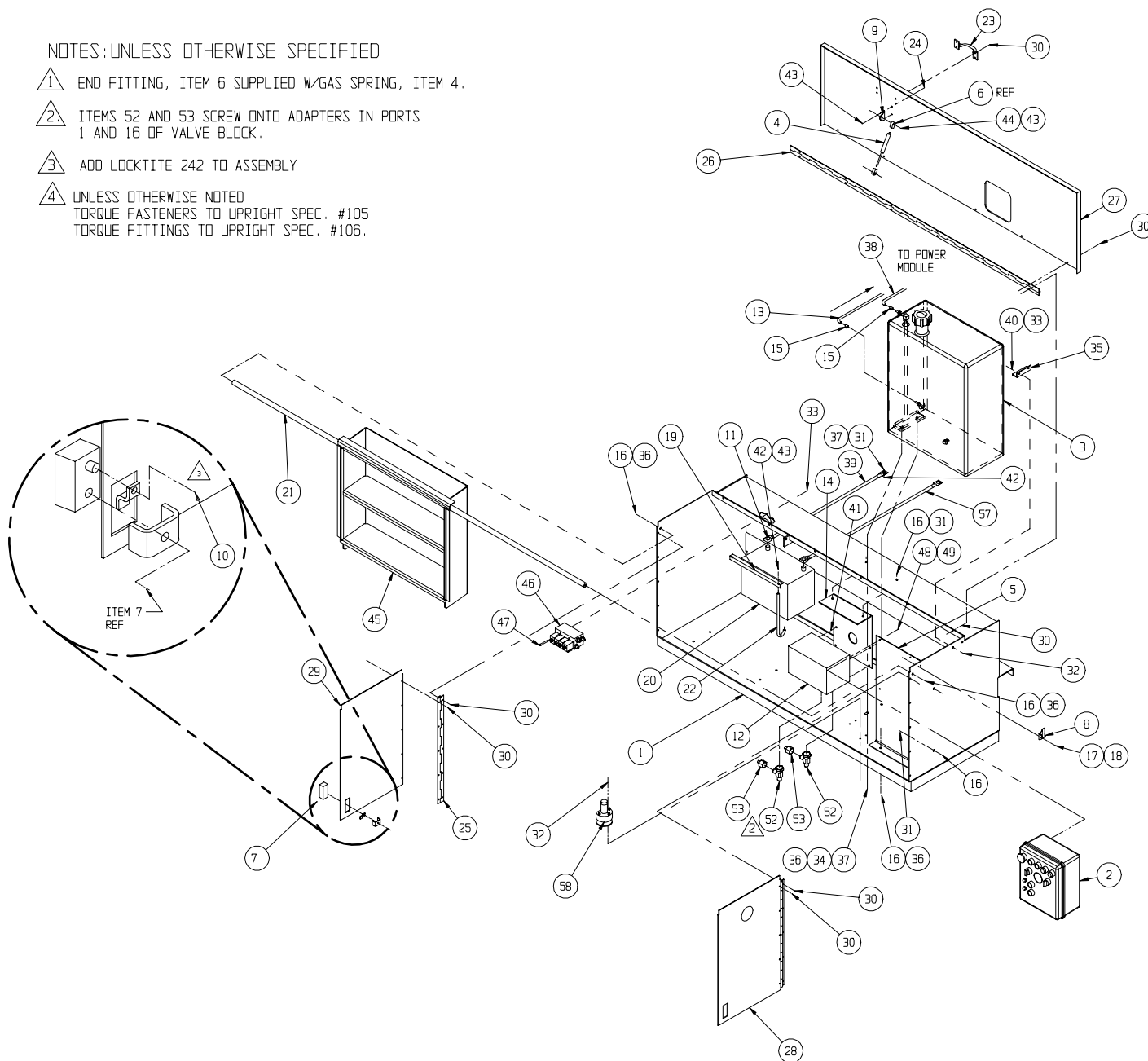
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067810-003	CONTROL MODULE WELDMENT	1
2	067491-004	CONTROL BOX , DIESEL, W/OUTRIGGER	1
3	067485-001	FUEL TANK, ASSEMBLY, DIESEL	1
4	063650-012	GAS SPRING	1
5	067484-000	CONTROL BOX MOUNT	1
6	067648-008	END FITTING, GAS SPRING	REF
7	067629-000	LATCH, FLUSH LIFT & TURN	2
8	05299-000	LATCH, TOGGLE	2
9	067902-000	BRACKET, GAS SPRING	1
10	063947-008	NUT HEX ESNA M8	2
11	014435-001	TERMINAL, BATTERY	2
12	067489-001	VALVE BLOCK ASSY. (4 W.D.)	1
13	012739-099	HOSE, 1/4 I.D.	11 FT
14	067892-000	BRACKET, VALVE BLOCK	1
15	020541-001	HOSE CLAMP	2
16	011254-008	SCRW HHC GR5 3/8-16UNC X 1	8
17	011708-004	SCRW MACH RD HD 8-32UNC X 1/2	4
18	011248-002	LOCK NUT, ESMA 8-32UNC	4
19	064040-000	ANGLE, BATTERY HOLD DOWN	1
20	062299-002	BATTERY, 12 VDC GROUP-27C	1
21	067856-000	WELDMENT, STIFFENER	1
22	012039-000	ROD, BATTERY HOLD DOWN	2
23	025427-002	HANDLE	1
24	011253-006	SCR HHC 5/16-18 X 3/4	2
25	067808-000	HINGE, 1 1/2 X 23 7/8	2
26	067809-002	HINGE, 1 1/2 X 65	1
27	067799-008	MODULE COVER / CONTROL	1
28	030841-031	MODULE DOOR, R.H.	1
29	030841-032	MODULE DOOR, L.H.	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
30	026554-002	POP RIVET, 1/4 DIA (.251-.375 GRIP)	36
31	011248-006	NUT, 3/8-16 ESNA	7
32	011252-006	SCREW, HHC 1/4-20 X 3/4	2
33	011248-004	NUT, 1/4-20 ESNA	6
34	011239-006	WASHER, 3/8", SPLIT LOCK	2
35	067854-001	ANGLE, FUEL TANK MOUNT	1
36	011240-006	WASHER, 3/8", STD, FLT	6
37	011254-006	SCREW HHC 3/8-16 X 3/4	2
38	012736-099	HOSE, 3/16 ID	11 FT
39	062125-084	CABLE, BATTERY X 84	1
40	011240-004	WASHER 1/4 FLAT	4
41	011254-004	SCRW HHC GR5 3/8-16UNC X 1/2	4
42	011237-006	WASHER, 3/8 STAR	1
43	011248-005	NUT, HEX 5/16-18 ESNA	4
44	015936-004	SCR, SHOULDER 3/8 DIA. X 1/2	2
45	030841-030	WELDMENT, STAIR	1
46	067490-000	VALVE BLOCK, OUTRIGGER CONTROL	1
47	011252-032	SCREW HHC 1/4-20UNC X 4"	2
48	011275-006	SCREW HHC 10-32UNF X 3/4"	4
49	011238-002	WASHER SPLIT-LOCK #10	4
50	067492-001	WIRE HARNESS, MAIN CONTROL	1
51	067492-002	WIRE HARNESS, VALVE BLOCK	1
52	020733-005	TEE 12FJ-12MJ-12MJ	2
53	014693-003	ADAPTER, 12FJ-6MJ	2
54	029931-003	CONN. FEMALE PUSH, 16-14 AWG, .250 TAB	4
55	029454-099	WIRE 16 AWG THHN STRD COP RED	6 IN.
56	062125-004	CABLE, BATTERY X 18 FOR SHIPPING	1
57	062125-096	CABLE, BATTERY X 96	1
58	029945-032	LEVEL SENSOR, BI-DIRECTIONAL	1

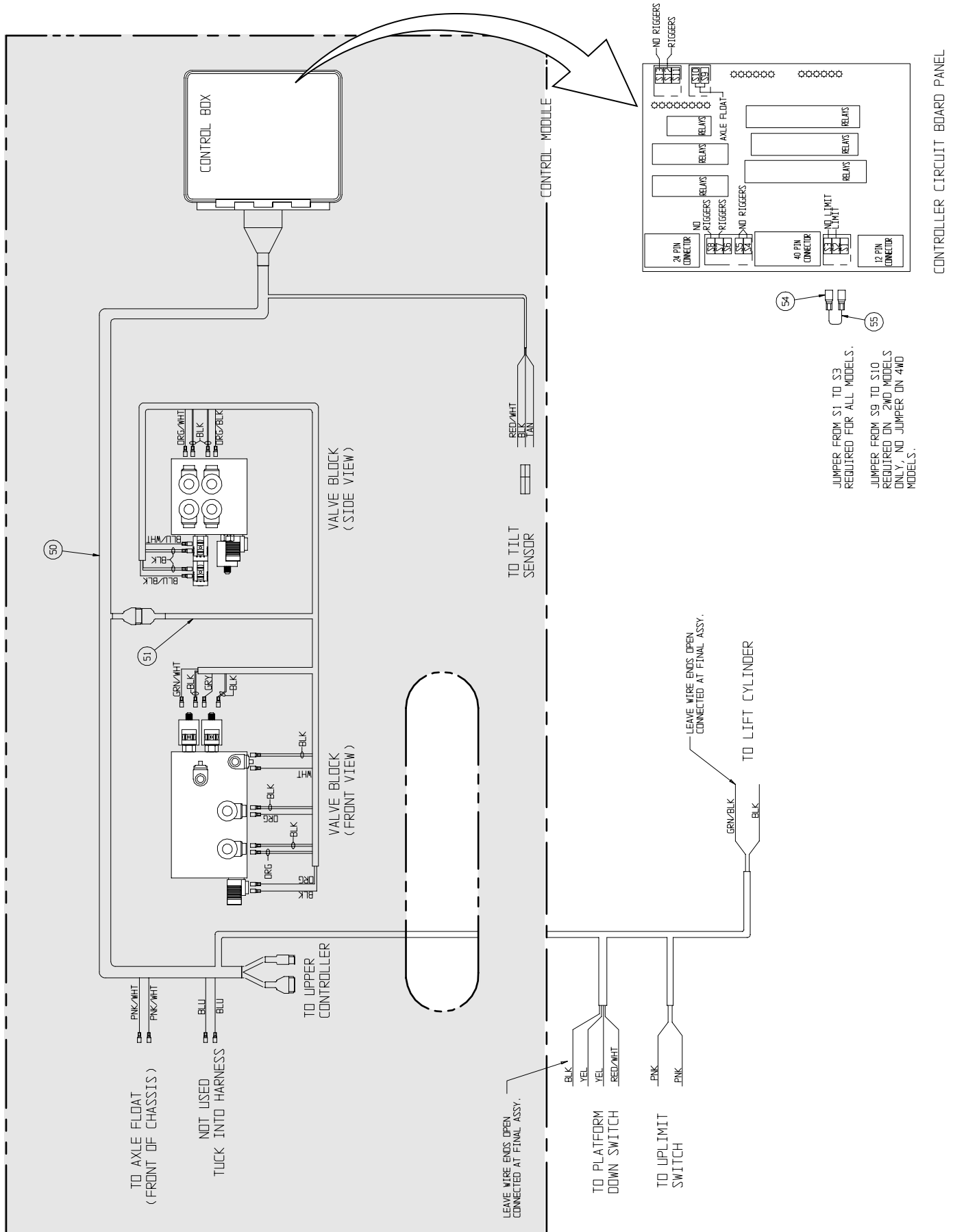
Drawing 1 of 2

NOTES: UNLESS OTHERWISE SPECIFIED

- 1 END FITTING, ITEM 6 SUPPLIED W/GAS SPRING, ITEM 4.
- 2 ITEMS 52 AND 53 SCREW ONTO ADAPTERS IN PORTS 1 AND 16 OF VALVE BLOCK.
- 3 ADD LOCKTITE 242 TO ASSEMBLY
- 4 UNLESS OTHERWISE NOTED
TORQUE FASTENERS TO UPRIGHT SPEC. #105
TORQUE FITTINGS TO UPRIGHT SPEC. #106.



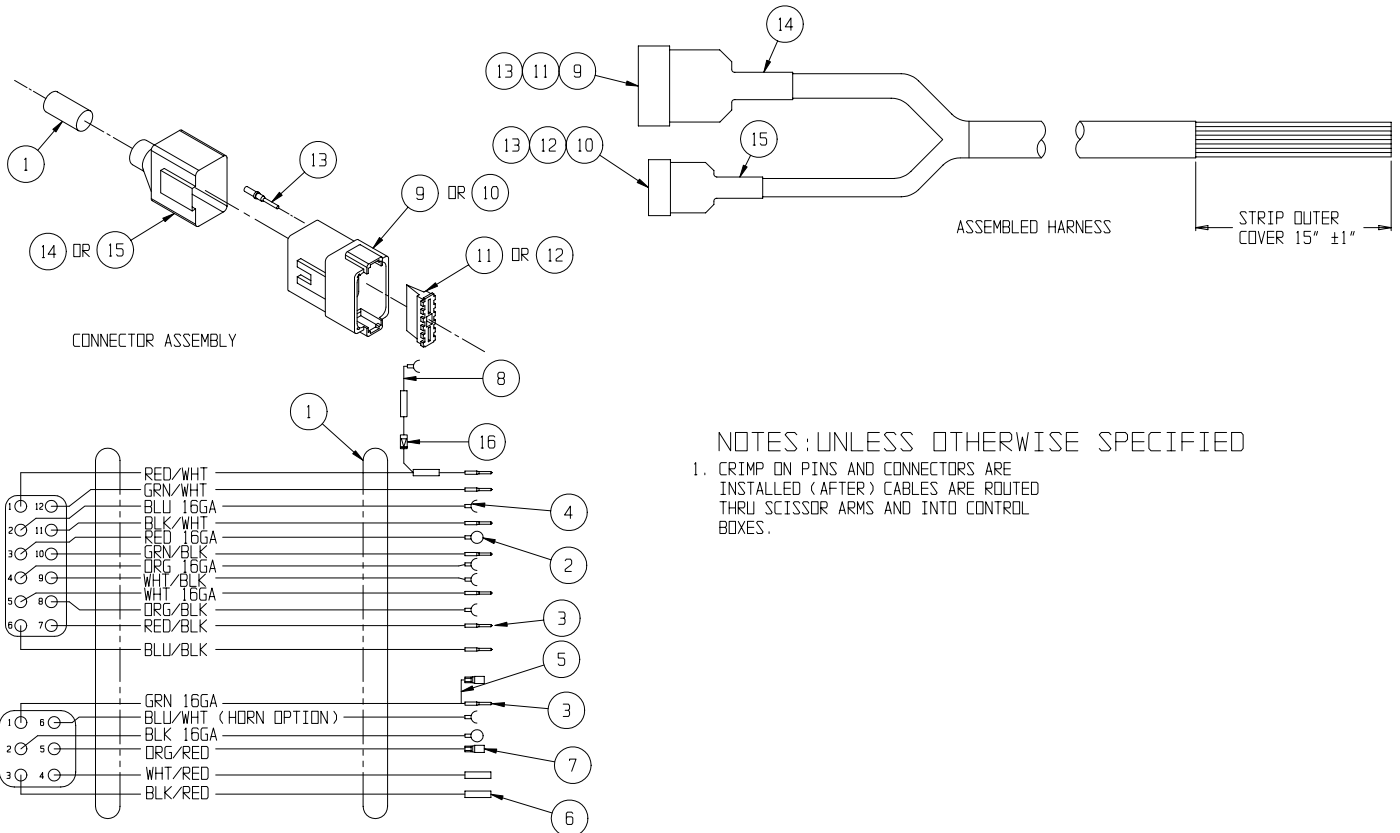
Drawing 2 of 2



Control Cable Assembly, LX31/LX41/LX50

067536-010, -011, -012

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	-010 LX31	-011 LX41	-012 LX50
			QTY.	QTY.	QTY.
1	067645-099	CABLE, 16/6, 18/12 MULTICONDUCTOR	62 FT	72 FT	90 FT
2	029601-013	CONN RING TERM 16-14 GA #10	2	2	2
3	063956-002	PIN, CONTACT MALE 20-14 GA	8	8	8
4	029610-002	CONN FORK TERM 16-14 GA #8	6	6	6
5	029457-099	WIRE, 16GA GRN X 12 IN	1 FT	1 FT	1 FT
6	029620-002	CONN, BUTT 16-14GA	4	4	4
7	029616-001	CONN, FEMALE PUSH 16-14GA X .188	2	2	2
8	029483-099	WIRE 16 GA RD/WHT X 14 IN	1.2 FT	1.2 FT	1.2 FT
9	068760-001	DT CONNECTOR, RECEPTACLE, # DT04-12P	1	1	1
10	067990-001	DT CONNECTOR, RECEPTACLE, # DT04 6P	1	1	1
11	068761-000	LOCKING WEDGE, RECEPTACLE, # W12P	1	1	1
12	067990-003	LOCKING WEDGE, RECEPTACLE, # W6P	1	1	1
13	015790-004	CONTACT PIN, 16-18 AWG	18	18	18
14	068908-001	BOOT ELECT. RECEPTACLE, # DT-12-P-BT	1	1	1
15	068908-002	BOOT ELECT. RECEPTACLE, # DT-6-P-BT	1	1	1
16	029825-002	DIODE, 5 AMP, 400 V.	1	1	1



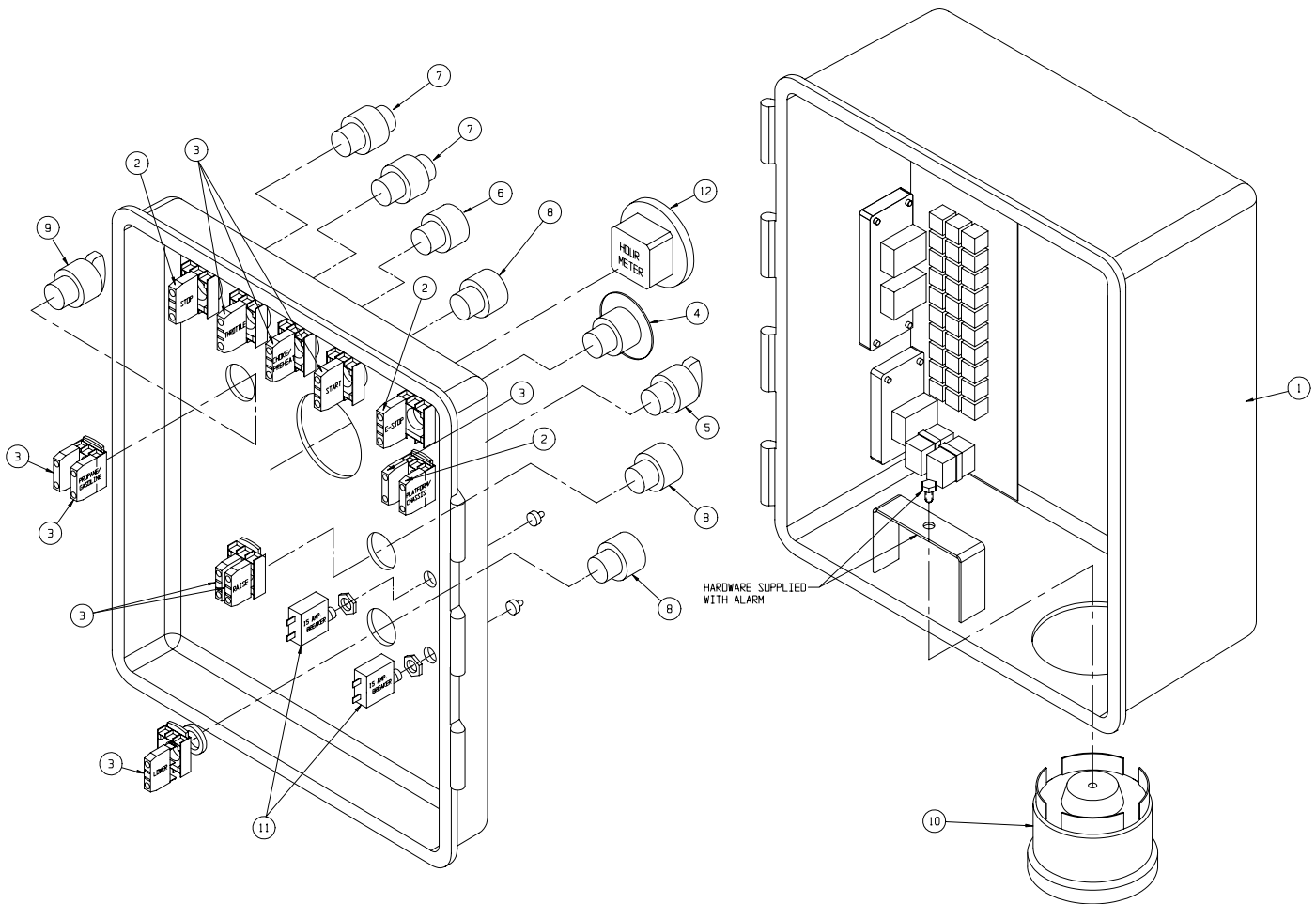
Lower Control Box, Dual Fuel - Without Outriggers

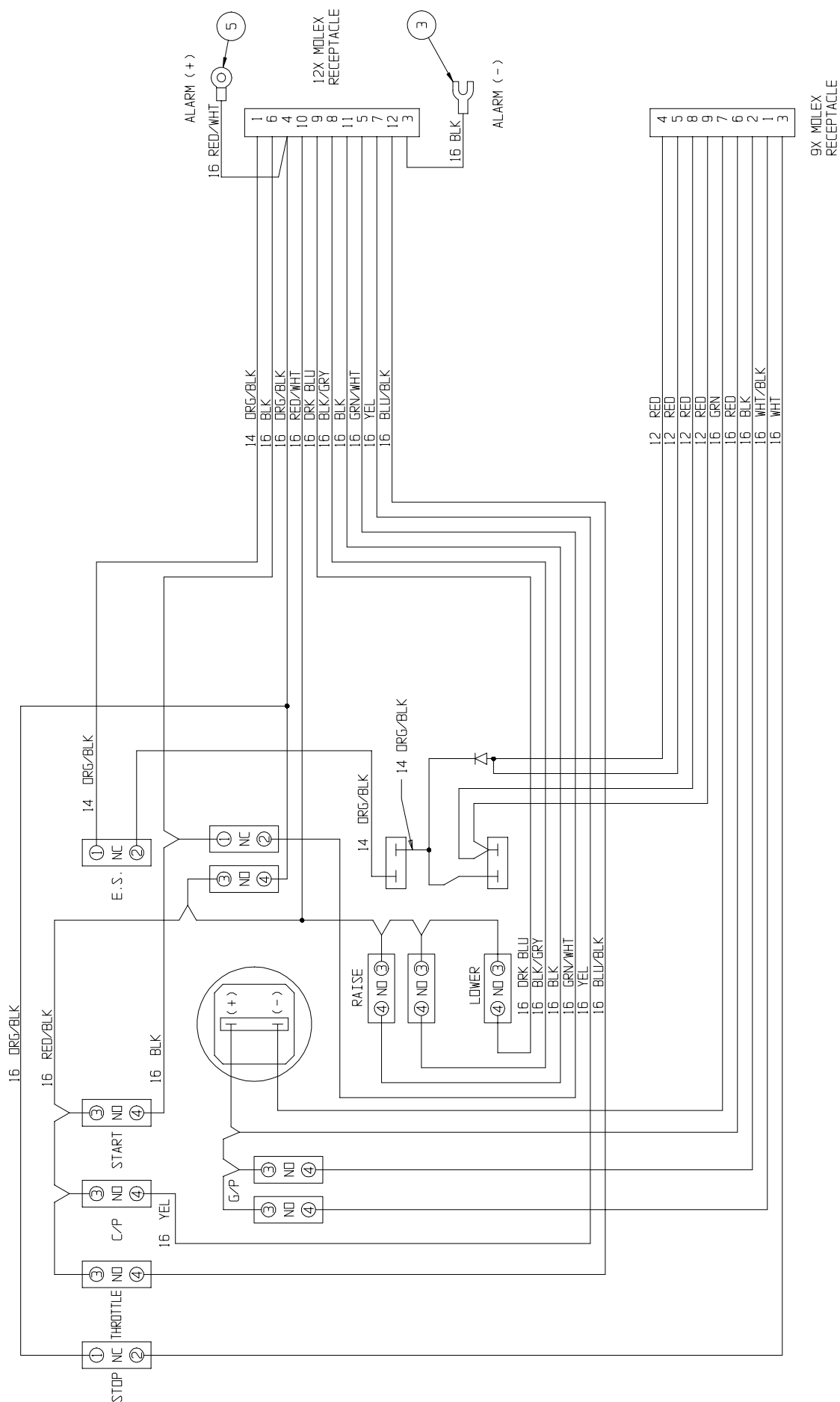
067491-001

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
Lower Control Box (Drawing 1 of 2)			
1	069140-001	ENCLOSURE LX BOX	1
*	067491-011	PC BOARD	1
2	066805-011	CONTACT BLOCK N.C.	3
3	066805-010	CONTACT BLOCK N.O.	9
4	066805-006	EMERGENCY STOP	1
5	066805-002	2 POSITION SELECTOR SWITCH	1
6	066805-018	BLK STANDARD PUSH BUTTON	1
7	066805-017	RED STANDARD PUSH BUTTON	2
8	066805-016	GRN STANDARD PUSH BUTTON	3
9	066805-003	3 POSITION SELECTOR	1
10	066807-001	ALARM, 107DB	1
11	029868-007	15 AMP-CIRCUIT BREAKER	2
12	015752-000	HOUR-METER	1
Wiring Diagram (Drawing 2 of 2)			
1	029616-002	CONN. FEMALE PUSH 16-14 .25 TAB	12
2	029616-003	CONN. FEMALE PUSH 10-12 .25 TAB	2

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
3	029610-002	CONN. FORK 16-14 #8	21
5	029601-012	CONN. RING TERM 16-14 #8	1
6	029470-099	WIRE, 12 AWG RED	5 FT
7	029457-099	WIRE, 16 AWG GREEN	1.5 FT
8	029454-099	WIRE, 16 AWG RED	1.5 FT
9	029452-099	WIRE, 16 AWG BLACK	5 FT
10	029479-099	WIRE, 16 AWG WHITE/BLACK	1.5 FT
11	029451-099	WIRE, 16 AWG WHITE	1.5 FT
12	029352-099	WIRE, 16 AWG RED/WHITE	2.5 FT
13	-	WIRE, 14 AWG ORANGE/BLACK	2.5 FT
14	029450-099	WIRE, 16 AWG DARK BLUE	1.5 FT
15	029477-099	WIRE, 16 AWG ORANGE/BLACK	3 FT
16	-	WIRE, 16 AWG BLACK/GREY	1.5 FT
17	029353-099	WIRE, 16 AWG GREEN/WHITE	1.5 FT
18	029456-099	WIRE, 16 AWG YELLOW	1.5 FT
19	029475-099	WIRE, 16 AWG BLUE/BLACK	1.5 FT

Drawing 1 of 2





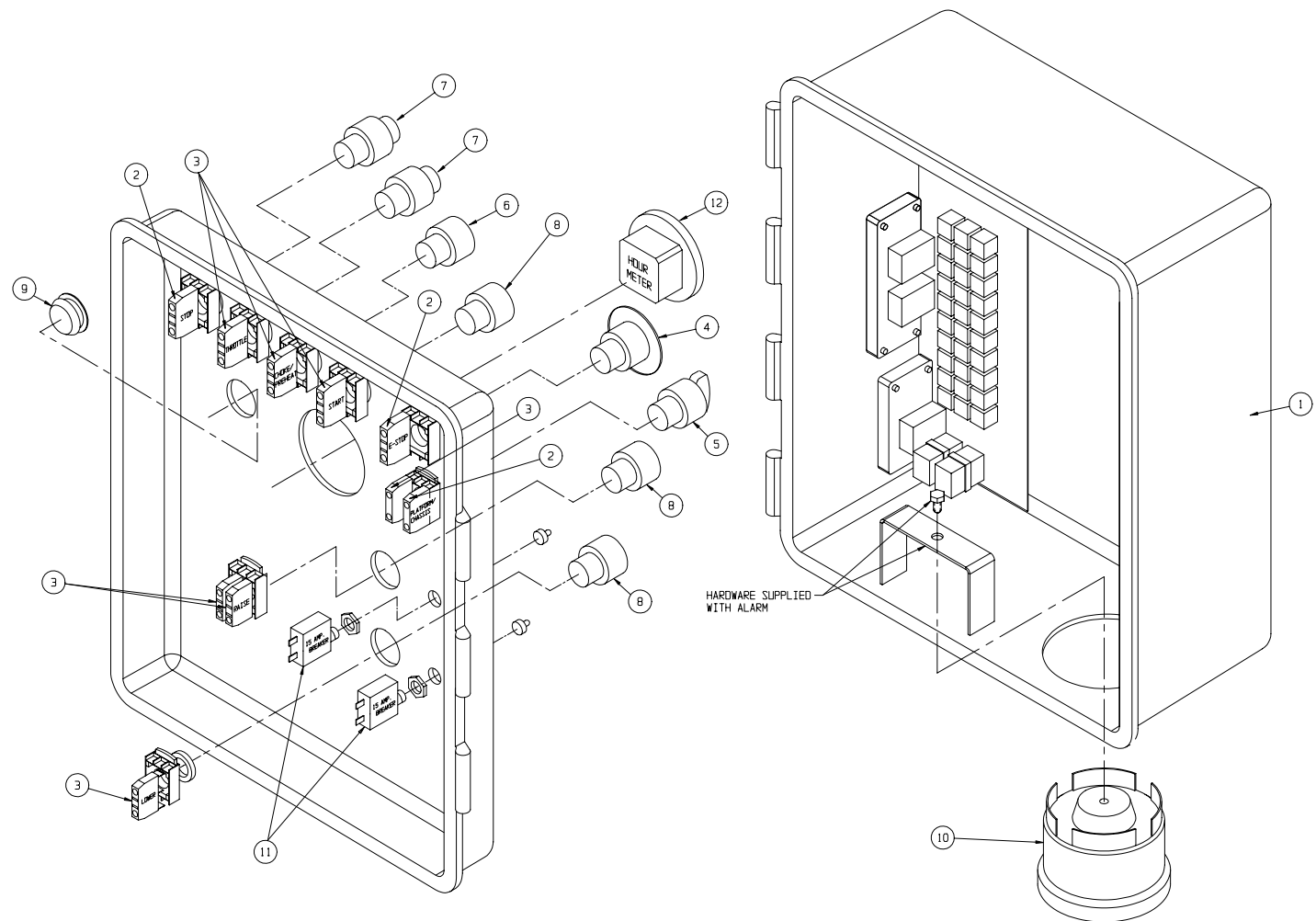
Lower Control Box, Diesel - Without Outriggers

067491-002

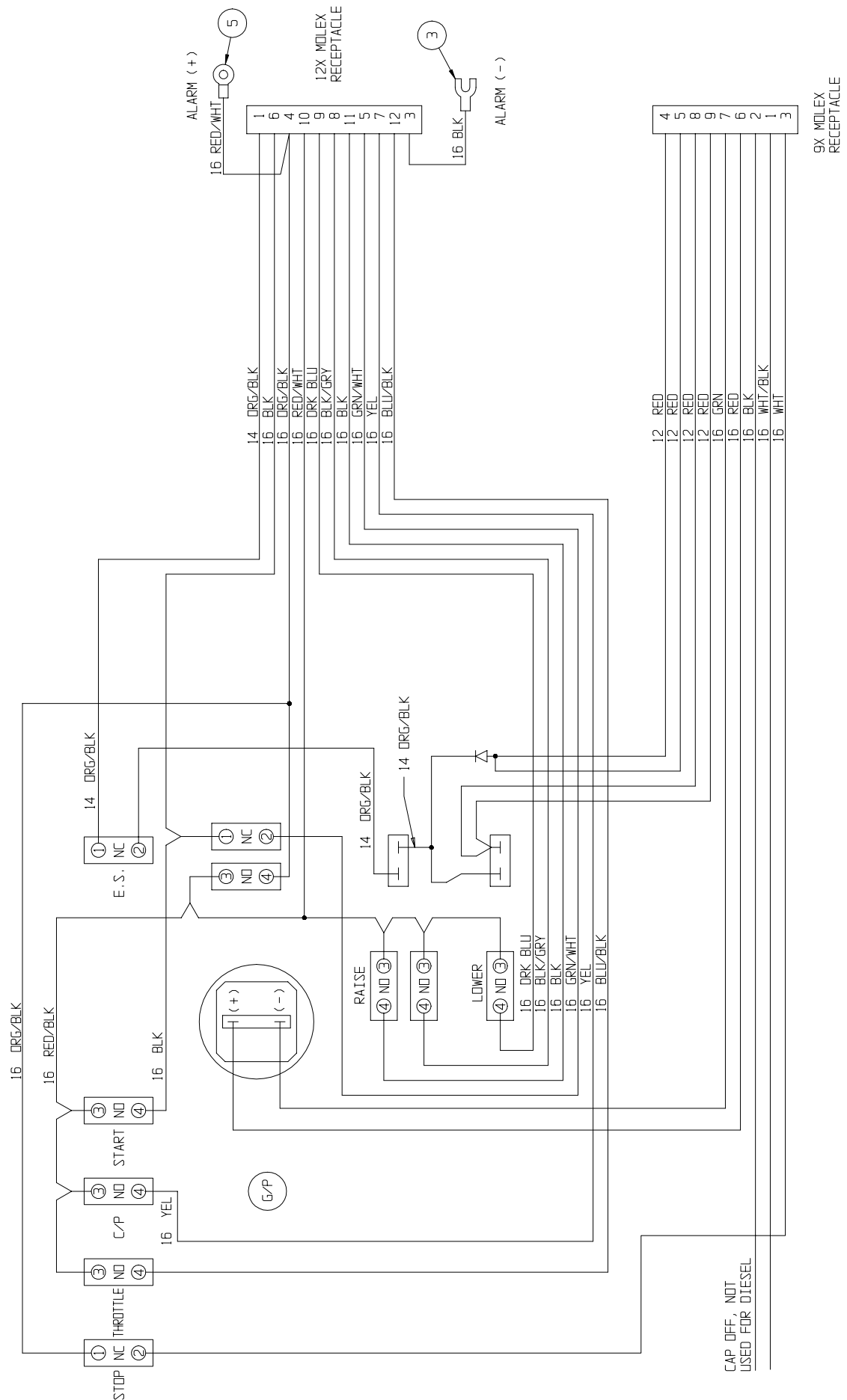
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
Lower Control Box (Drawing 1 of 2)			
1	069140-001	ENCLOSURE LX BOX	1
*	067491-011	PC BOARD	1
2	066805-011	CONTACT BLOCK N.C.	3
3	066805-010	CONTACT BLOCK N.O.	7
4	066805-006	EMERGENCY STOP	1
5	066805-002	2 POSITION SELECTOR SWITCH	1
6	066805-018	BLK STANDARD PUSH BUTTON	1
7	066805-017	RED STANDARD PUSH BUTTON	2
8	066805-016	GRN STANDARD PUSH BUTTON	3
9	064462-007	CAP PLUG, Ø 7/8	1
10	066807-001	ALARM, 107DB	1
11	029868-007	15 AMP-CIRCUIT BREAKER	2
12	015752-000	HOUR-METER	1
Wiring Diagram (Drawing 2 of 2)			
1	029616-002	CONN. FEMALE PUSH 16-14 .25 TAB	12
2	029616-003	CONN. FEMALE PUSH 10-12 .25 TAB	2

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
3	029610-002	CONN. FORK 16-14 #8	21
5	029601-012	CONN. RING TERM 16-14 #8	1
6	029470-099	WIRE, 12 AWG RED	5 FT
7	029457-099	WIRE, 16 AWG GREEN	1.5 FT
8	029454-099	WIRE, 16 AWG RED	1.5 FT
9	029452-099	WIRE, 16 AWG BLACK	5 FT
10	029479-099	WIRE, 16 AWG WHITE/BLACK	1.5 FT
11	029451-099	WIRE, 16 AWG WHITE	1.5 FT
12	029352-099	WIRE, 16 AWG RED/WHITE	2.5 FT
13	-	WIRE, 14 AWG ORANGE/BLACK	2.5 FT
14	029450-099	WIRE, 16 AWG DARK BLUE	1.5 FT
15	029477-099	WIRE, 16 AWG ORANGE/BLACK	3 FT
16	-	WIRE, 16 AWG BLACK/GREY	1.5 FT
17	029353-099	WIRE, 16 AWG GREEN/WHITE	1.5 FT
18	029456-099	WIRE, 16 AWG YELLOW	1.5 FT
19	029475-099	WIRE, 16 AWG BLUE/BLACK	1.5 FT

Drawing 1 of 2



Drawing 2 of 2



Power Module Assembly, LX31/LX41/LX50 - Dual Fuel

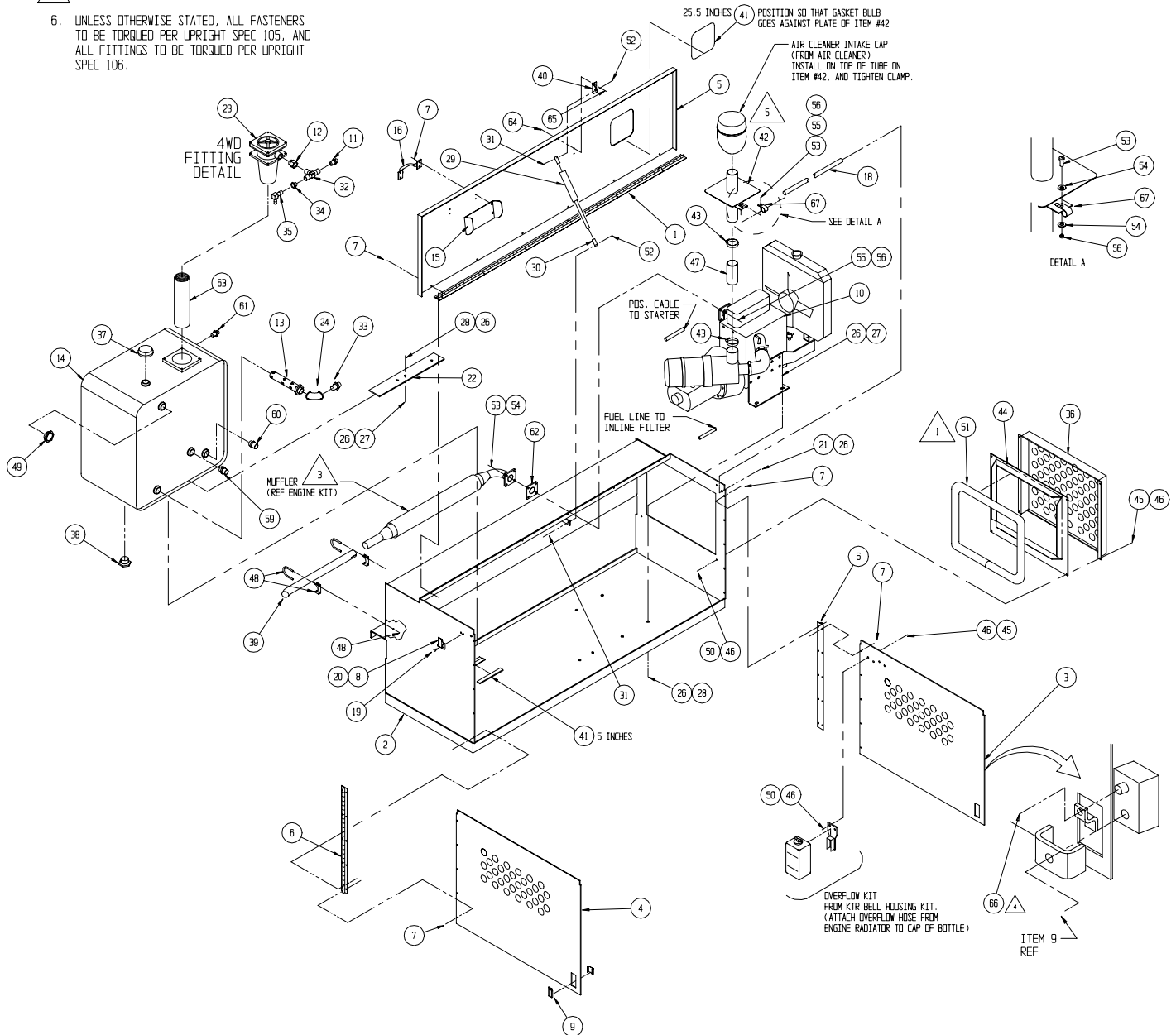
067522-011

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067809-002	HINGE, 2 X 65	1
2	067811-002	POWER MODULE WELDMENT	1
3	67800-001	MODULE DOOR, R.H.	1
4	067801-001	MODULE DOOR, L.H.	1
5	067799-006	MODULE COVER	1
6	067808-000	HINGE, 2 X 22	2
7	026554-002	POP RIVET, 1/4 DIA. (.251 - .375 GRIP)	36
8	05299-000	LATCH, TOGGLE	2
9	067629-000	LATCH, FLUSH LIFT & TURN	2
10	067523-010	ENGINE ASSY, DUAL FUEL KUBOTA	1
11	011939-021	FITTING 12MP-12MJ	1
12	014220-009	FITTING 16MP-12FP	1
13	063935-001	SUCTION SCREEN	1
14	067841-000	TANK, HYDRAULIC	1
15	064798-000	DOOR BRACKET	1
16	025427-002	HANDLE	1
18	067856-000	STIFFENER BAR	1
19	011708-004	SCREW RD HD 8-32 X 1/2	4
20	011248-002	NUT HEX 8-32 ESNA	4
21	011254-006	SCREW HHC 3/8-16 X 3/4	2
22	064039-001	HYDRAULIC TANK MOUNTING TAB	1
23	067624-000	HYDRAULIC FILTER	1
24	011916-011	ELBOW 90° 20FP-20FP (1-1/4 NPT)	1
26	011240-006	WASHER 3/8 FLAT STD	16
27	011254-008	SCREW HHC 3/8-16 X 1	7
28	011248-006	NUT HEX 3/8-16 ESNA	9
29	063650-012	SPRING, PRESSURIZED GAS	1
30	067648-008	END FITTING, GAS SPRING	REF
31	015936-004	SCREW SHOULDER 3/8 X 1/2	2
32	014902-005	FITTING TEE 12MP-12FP	1
33	011939-030	FITTING 20MP-20MJ	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
34	011923-008	FITTING 12MP-6FP	1
35	011940-008	FITTING 90° 6MP-4MJ	1
36	067898-000	RADIATOR COVER	1
37	063930-001	BREATHER/FILLER CAP	1
38	021305-007	PLUG, MAGNETIC	1
39	067696-000	EXHAUST TUBE, DUAL FUEL	1
40	067902-000	BRACKET, GAS SPRING	1
41	010070-099	SEAL STRIP GASKET	FT 2.54
42	067691-001	SNORKEL WELDMENT, DUAL FUEL	1
43	013259-007	MUFFLER CLAMP 1 3/4	1
44	067697-000	BREATHER SPACER (RADIATOR)	1
45	011252-008	SCREW HHC 1/4-20 X 1	10
46	011240-004	WASHER FLAT STD 1/4	10
48	013259-006	CLAMP, MUFFLER 1-1/2"	2
49	063979-006	GAGE, LUBE SIGHT	1
50	011248-004	NUT HEX ESNA 1/4-20	6
51	066697-099	PIPE INSULATION 1-3/8Ø	1
52	011248-005	NUT HEX 5/16-18 ESNA	2
53	011253-007	SCREW HHC 5/16-18 X 7/8	5
54	011240-005	WASHER 5/16 FLAT STD	6
55	011238-005	WASHER LOCK 5/16	4
56	011250-005	NUT HEX 5/16-18	5
59	011939-013	FITTING 8MP-4MJ	1
60	011939-015	FITTING 8MP-8MJ	1
61	011939-014	FITTING 8MP-6MJ	1
62	063936-024	MUFFLER GASKET	1
63	067765-000	TUBE EXTENSION	1
64	011253-008	SCREW, HHC 5/16-18 X 1	2
65	011248-005	NUT, HEX 5/16-18 ESNA	2
66	063947-008	NUT HEX ESNA M8	2
67	013919-010	CLAMP	1

NOTES: UNLESS OTHERWISE SPECIFIED

1. INSTALL PIPE INSULATION TO ITEM 44, PLACING THE SLIT ON THE INSULATION OVER THE TABS ON ITEM 44.
2. END FITTING, ITEM 30 SUPPLIED WITH GAS SPRING, ITEM 29.
3. MOUNTING HARDWARE AND MUFFLER ARE PROVIDED WITH ENGINE.
4. ADD LOCKTITE 242 TO ASSEMBLY
5. ADJUST ITEM #42 TO SEAL AGAINST ITEM #41
6. UNLESS OTHERWISE STATED, ALL FASTENERS TO BE TORQUED PER UPRIGHT SPEC 105, AND ALL FITTINGS TO BE TORQUED PER UPRIGHT SPEC 106.



Power Module Assembly, LX31/LX41/LX50 - Diesel

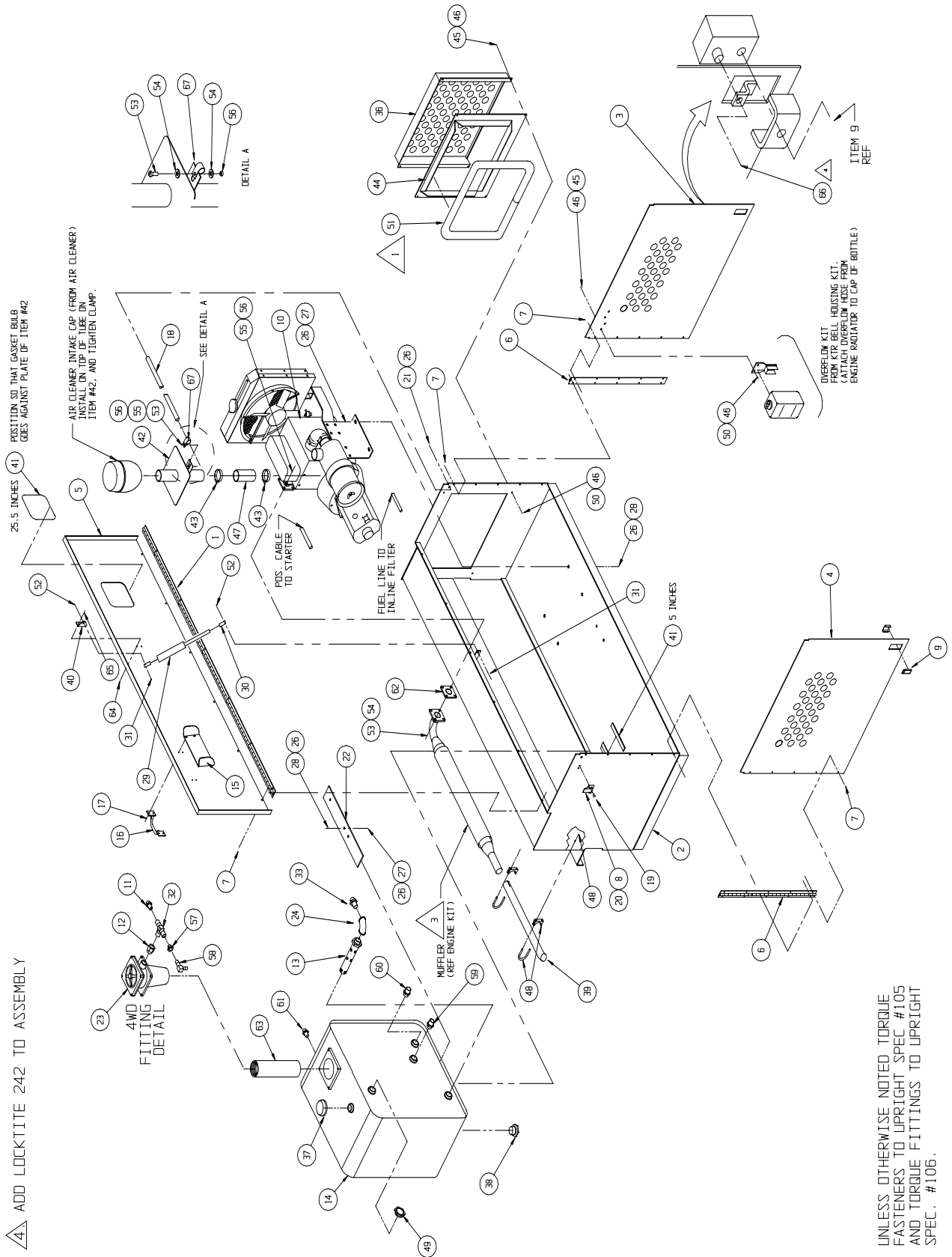
067522-013

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067809-002	HINGE, 2 X 65	1
2	067811-002	POWER MODULE WELDMENT	1
3	67800-001	MODULE DOOR, R.H.	1
4	067801-001	MODULE DOOR, L.H.	1
5	067799-007	MODULE COVER	1
6	067808-000	HINGE, 2 X 22	2
7	026554-002	POP RIVET, 1/4 DIA. (.251 - .375 GRIP)	32
8	05299-000	LATCH, TOGGLE	2
9	067629-000	LATCH, FLUSH LIFT & TURN	2
10	067523-021	ENGINE ASSY, DIESEL KUBOTA	1
11	011939-021	FITTING 12MP-12MJ	1
12	014220-009	FITTING 16MP-12FP	1
13	063935-001	SUCTION SCREEN	1
14	067841-000	TANK, HYDRAULIC	1
15	064798-000	DOOR BRACKET	1
16	025427-002	HANDLE	1
17	026554-002	RIVET POP, 1/4 (.25)-.375 GRIP	4
18	067856-000	STIFFENER BAR	1
19	011708-004	SCREW RD HD 8-32 X 1/2	4
20	011248-002	NUT HEX 8-32 ESNA	4
21	011254-006	SCREW HHC 3/8-16 X 3/4	2
22	064039-001	HYDRAULIC TANK MOUNTING TAB	1
23	067624-000	HYDRAULIC FILTER	1
24	011916-011	ELBOW 90° 20FP-20FP (1-1/4 NPT)	1
26	011240-006	WASHER 3/8 FLAT STD	16
27	011254-008	SCREW HHC 3/8-16 X 1	7
28	011248-006	NUT HEX 3/8-16 ESNA	9
29	063650-012	SPRING, PRESSURIZED GAS	1
30	067648-008	END FITTING, GAS SPRING	REF
31	015936-004	SCREW SHOULDER Ø 3/8 X 1/2	2
32	014902-005	FITTING TEE 12MP-12FP	1
33	011939-030	FITTING 20MP-20MJ	1
34	011923-008	FITTING 12MP-6FP	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
35	011940-008	FITTING 90° 6MP-4MJ	1
36	067898-000	RADIATOR COVER	1
37	063930-001	BREATHER/FILLER CAP	1
38	021305-007	PLUG, MAGNETIC	1
39	067696-001	EXHAUST TUBE, DIESEL	1
40	067902-000	BRACKET, GAS SPRING	1
41	010070-099	SEAL STRIP GASKET	2.54 FT
42	067691-000	SNORKEL WELDMENT, DIESEL	1
43	013259-008	MUFFLER CLAMP 2"	1
44	067697-001	BREATHER SPACER (RADIATOR)	1
45	011252-008	SCREW HHC 1/4-20 X 1	10
46	011240-004	WASHER FLAT STD 1/4	10
48	013259-006	CLAMP, MUFFLER 1-1/2"	2
49	063979-006	GAGE, LUBE SIGHT	1
50	011248-004	NUT HEX ESNA 1/4-20	6
51	066697-099	PIPE INSULATION 1-3/8Ø	1
52	011248-005	NUT HEX 5/16-18 ESNA	2
53	011253-007	SCREW HHC 5/16-18 X 7/8	5
54	011240-005	WASHER 5/16 FLAT STD	6
55	011238-005	WASHER LOCK 5/16	4
56	011250-005	NUT HEX 5/16-18	5
57	011923-007	FITTING 12MP-4FP	1
58	011940-004	FITTING 90°-4MP-4MJ	1
59	011939-013	FITTING 8MP-4MJ	1
60	011939-015	FITTING 8MP-8MJ	1
61	011939-014	FITTING 8MP-6MJ	1
62	063936-024	MUFFLER GASKET	1
63	067765-000	TUBE EXTENSION	1
64	011253-008	SCREW, HHC 5/16-18 X 1	2
65	011248-005	NUT, HEX 5/16-18 ESNA	2
66	063947-008	NUT HEX ESNA M8	2
67	013919-010	CLAMP	1

NOTES: UNLESS OTHERWISE SPECIFIED

1. INSTALL PIPE INSULATION TO ITEM 44, PLACING THE SLIT ON THE INSULATION OVER THE TABS ON ITEM 44.
2. END FITTING, ITEM 30 SUPPLIED WITH GAS SPRING, ITEM 29.
3. MOUNTING HARDWARE AND MUFFLER ARE PROVIDED WITH ENGINE.
4. ADD LOCKTITE 242 TO ASSEMBLY



UNLESS OTHERWISE NOTED TORQUE FASTENERS TO UPRIGHT SPEC #105 AND TORQUE FITTINGS TO UPRIGHT SPEC. #106.

Engine Assembly, LX31/LX41/LX50 - Dual Fuel

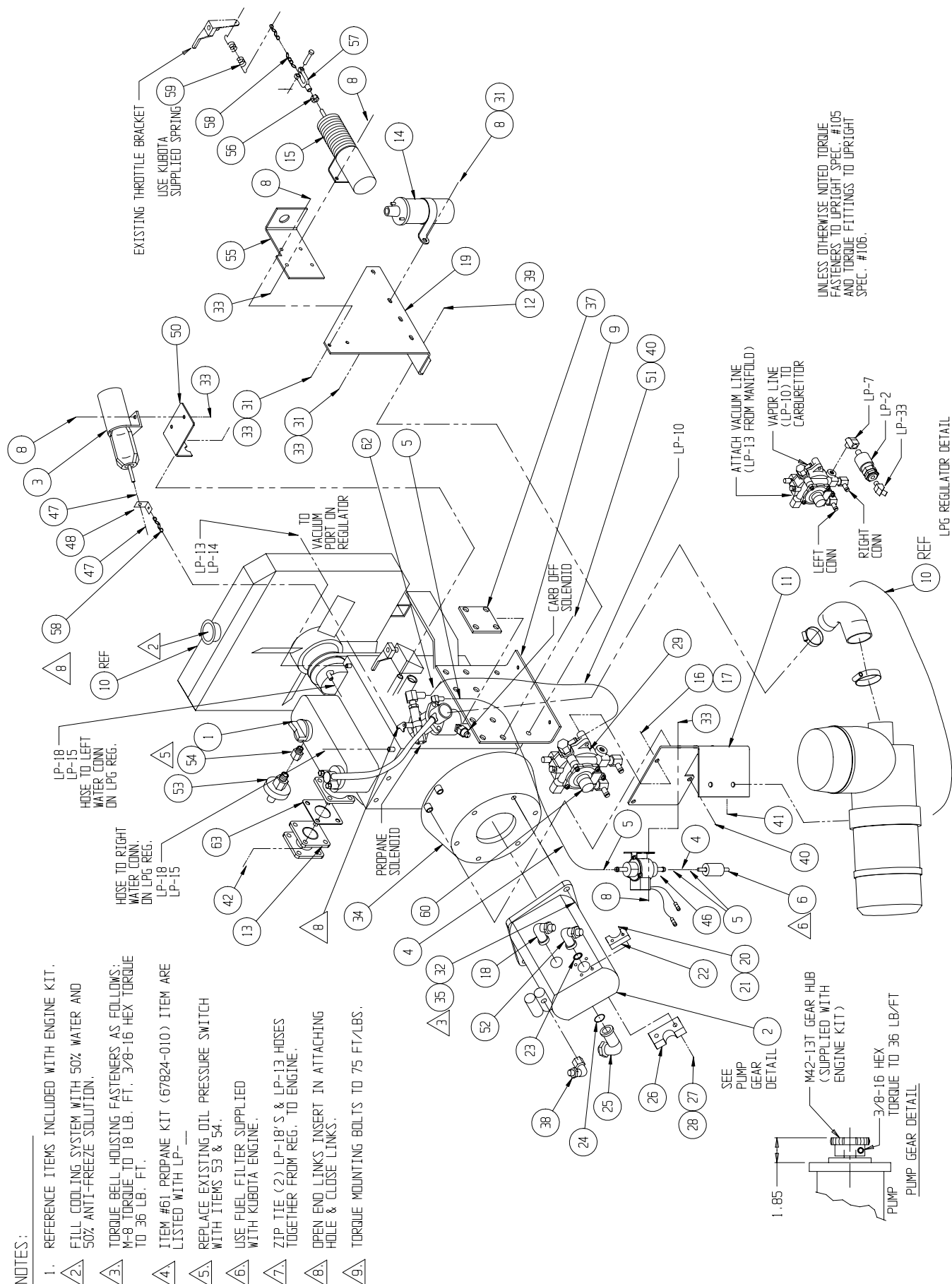
067523-010

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067614-000	ENGINE, KUBOTA DIESEL D905	1
*	067614-033	AIR CLEANER KIT/ASSY	1
*	067614-004	OIL FILTER ELEMENT	1
*	067614-005	AIR FILTER ELEMENT	
*	067614-026	FUEL PUMP, LIFT	1
*	067614-009	INJECTION PUMP	1
*	067614-010	INJECTOR NOZZLE	3
*	067614-011	GLOW PLUG	3
*	067614-012	RADIATOR	1
*	067614-013	RADIATOR CAP	1
*	067614-014	THERMOSTAT	1
*	067614-015	WATER PUMP W/GSKT	1
*	067614-018	FAN BELT	1
*	067614-019	ALTERNATOR	1
*	067614-020	VOLTAGE REGULATOR	1
*	067614-022	STARTER	1
*	067614-023	OIL PRESSURE SWITCH	1
*	067614-024	KUBOTA D905 ENGINE PARTS MANUAL	1
*	067614-025	KUBOTA D905 ENGINE SERVICE MANUAL	1
*	067614-027	FUEL SHUT-OFF SOLENOID	1
2	067608-000	PUMP, VARIABLE DISPLACEMENT	1
3	067599-000	SOLENOID, THROTTLE	1
4	012733-099	HOSE, FUEL LINE Ø 5/16	10 FT
5	020541-001	HOSE CLAMP	6
6	067614-007	FUEL FILTER, INLINE	1
7	063945-001	OIL PRESSURE SWITCH	1
8	067492-005	WIRE HARNESS, DIESEL ENGINE	1
9	064180-001	ENGINE MOUNT BRACKET	2
10	REF	FUEL FILTER MOUNT - SPIN ON	1
11	067859-000	BRACKET, AIR CLEANER	1
12	067614-054	FUEL FILTER - SPIN ON	1
13	064177-004	WELDMENT, MUFFLER SPACER	1
15	067870-000	BRACKET, DIESEL FUEL FILTER	1
16	064423-000	INLINE SWIVEL - 1/4	1
17	011760-004	ROD END BEARING - 1/4-28	1

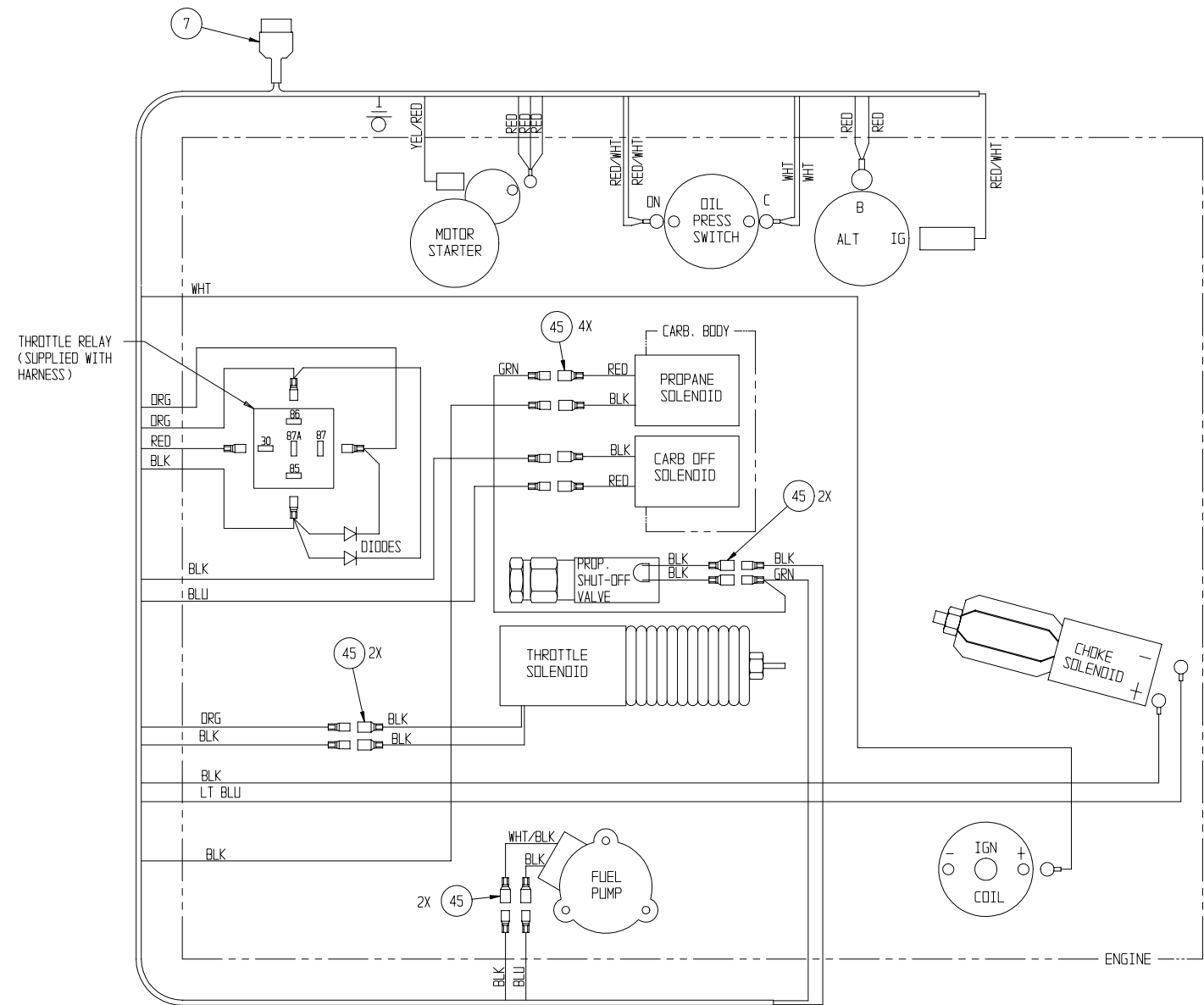
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
18	011935-004	FITTING 8MBH-8MJ 45°	1
19	014338-002	FITTING SPLIT FLANGE - 12MJ 90°	1
20	011254-010	SCREW HHC 3/8-16UNC X 1-1/4	4
21	011238-006	LOCKWASHER, SPLIT 3/8	4
22	067670-012	SPLIT FLANGE - HALF 3/4	2
23	067671-012	"O"-RING	1
24	067671-020	"O"-RING	1
25	014338-008	FITTING SPLIT FLANGE - 20MJ 90°	1
26	067670-020	SPLIT FLANGE - 1-1/4	2
27	011255-010	SCREW HHC 7/16-14UNC X 1-1/4	4
28	011238-007	LOCK WASHER SPLIT 7/16	4
29	011252-004	SCREW HHC 1/4-20UNC X 1/2	4
30	011252-008	SCREW HHC 1/4-20UNC X 1	3
31	011240-004	WASHER FLAT STD 1/4	2
32	011238-004	WASHER SPLIT LOCK 1/2	2
33	011248-004	NUT HEX 1/4 ESNA	7
34	067617-000	KTR BELL HOUSING KIT	1
35	011256-010	SCREW HHC 1/2-13UNC X 1-1/4	2
37	064183-000	SPACER, ENGINE	2
38	011934-001	FITTING 90° 4MB-4MJ	1
39	011708-006	SCRW MACH RD HD 8-32 UNC X 3/4	2
40	063946-030	SCREW HHC M10 X 1.25 GR5 X 30MM	16
41	REF	SCREW (SUPPLIED W/AIR CLEANER)	2
42	REF	SCREW MANIFOLD (SUPPLIED W/ENGINE)	4
43	03142-001	ADAPTER, 2MP-2FP	1
44	029601-039	CONN. RING, 12-10GA., 5/16Ø	1
45	011248-002	NUT ESNA HEX 8-32 UNC	2
46	011240-007	WASHER FLAT STD 7/16	16
47	029416-099	WIRE, 12AWG, RED	1 FT
48	029601-020	CONN. RING, 12-10GA., 1/4Ø	1
49	014914-001	CONN. MALE PUSH, 16-14 AWG, .25 TAB	5
50	067468-000	RELAY MOUNT BRACKET	1
51	063936-024	MUFFLER, GASKET	1

* Not shown

Drawing 1 of 2



Drawing 2 of 2



NOTES:

Engine Assembly, LX31/LX41/LX50 - Diesel

067523-011

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067614-000	ENGINE, KUBOTA DIESEL D905	1
*	067614-033	AIR CLEANER KIT/ASSY	1
*	067614-004	OIL FILTER ELEMENT	1
*	067614-005	AIR FILTER ELEMENT	
*	067614-026	FUEL PUMP, LIFT	1
*	067614-009	INJECTION PUMP	1
*	067614-010	INJECTOR NOZZLE	3
*	067614-011	GLOW PLUG	3
*	067614-012	RADIATOR	1
*	067614-013	RADIATOR CAP	1
*	067614-014	THERMOSTAT	1
*	067614-015	WATER PUMP W/GSKT	1
*	067614-018	FAN BELT	1
*	067614-019	ALTERNATOR	1
*	067614-020	VOLTAGE REGULATOR	1
*	067614-022	STARTER	1
*	067614-023	OIL PRESSURE SWITCH	1
*	067614-024	KUBOTA D905 ENGINE PARTS MANUAL	1
*	067614-025	KUBOTA D905 ENGINE SERVICE MANUAL	1
*	067614-027	FUEL SHUT-OFF SOLENOID	1
2	067608-000	PUMP, VARIABLE DISPLACEMENT	1
3	067599-000	SOLENOID, THROTTLE	1
4	012733-099	HOSE, FUEL LINE Ø 5/16	10 FT
5	020541-001	HOSE CLAMP	6
6	067614-007	FUEL FILTER, INLINE	1
7	063945-001	OIL PRESSURE SWITCH	1
8	067492-005	WIRE HARNESS, DIESEL ENGINE	1
9	064180-001	ENGINE MOUNT BRACKET	2
10	REF	FUEL FILTER MOUNT - SPIN ON	1
11	067859-000	BRACKET, AIR CLEANER	1
12	067614-054	FUEL FILTER - SPIN ON	1
13	064177-004	WELDMENT, MUFFLER SPACER	1
15	067870-000	BRACKET, DIESEL FUEL FILTER	1
16	064423-000	INLINE SWIVEL - 1/4	1
17	011760-004	ROD END BEARING - 1/4-28	1

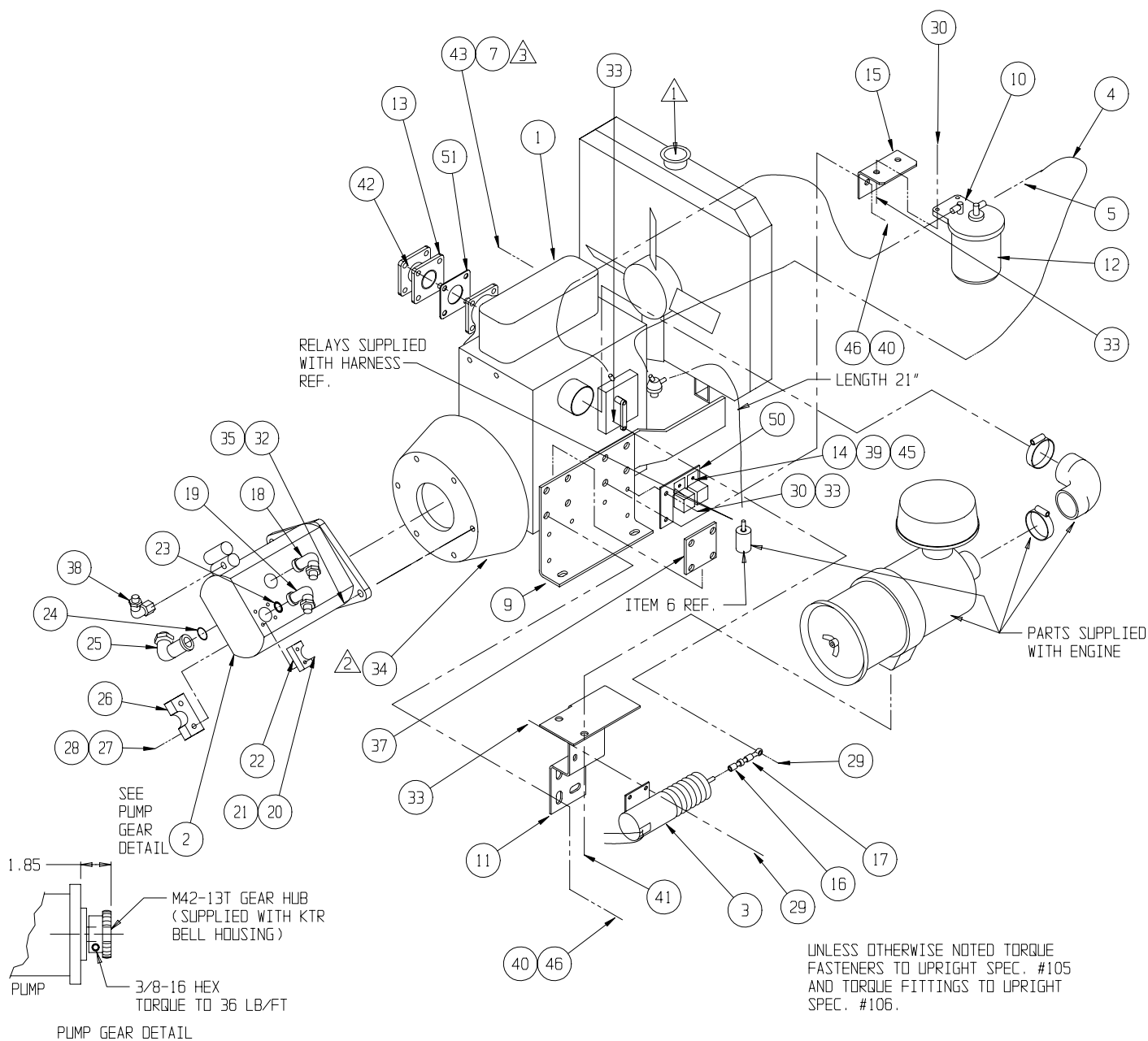
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
18	011935-004	FITTING 8MBH-8MJ 45°	1
19	014338-002	FITTING SPLIT FLANGE - 12MJ 90°	1
20	011254-010	SCREW HHC 3/8-16UNC X 1-1/4	4
21	011238-006	LOCKWASHER, SPLIT 3/8	4
22	067670-012	SPLIT FLANGE - HALF 3/4	2
23	067671-012	"O"-RING	1
24	067671-020	"O"-RING	1
25	014338-008	FITTING SPLIT FLANGE - 20MJ 90°	1
26	067670-020	SPLIT FLANGE - 1-1/4	2
27	011255-010	SCREW HHC 7/16-14UNC X 1-1/4	4
28	011238-007	LOCK WASHER SPLIT 7/16	4
29	011252-004	SCREW HHC 1/4-20UNC X 1/2	4
30	011252-008	SCREW HHC 1/4-20UNC X 1	3
31	011240-004	WASHER FLAT STD 1/4	2
32	011238-004	WASHER SPLIT LOCK 1/2	2
33	011248-004	NUT HEX 1/4 ESNA	7
34	067617-000	KTR BELL HOUSING KIT	1
35	011256-010	SCREW HHC 1/2-13UNC X 1-1/4	2
37	064183-000	SPACER, ENGINE	2
38	011934-001	FITTING 90° 4MB-4MJ	1
39	011708-006	SCRW MACH RD HD 8-32 UNC X 3/4	2
40	063946-030	SCREW HHC M10 X 1.25 GR5 X 30MM	16
41	REF	SCREW (SUPPLIED W/AIR CLEANER)	2
42	REF	SCREW MANIFOLD (SUPPLIED W/ENGINE)	4
43	03142-001	ADAPTER, 2MP-2FP	1
44	029601-039	CONN. RING, 12-10GA., 5/16Ø	1
45	011248-002	NUT ESNA HEX 8-32 UNC	2
46	011240-007	WASHER FLAT STD 7/16	16
47	029416-099	WIRE, 12AWG, RED	1 FT
48	029601-020	CONN. RING, 12-10GA., 1/4Ø	1
49	014914-001	CONN. MALE PUSH, 16-14 AWG, .25 TAB	5
50	067468-000	RELAY MOUNT BRACKET	1
51	063936-024	MUFFLER, GASKET	1

* Not shown

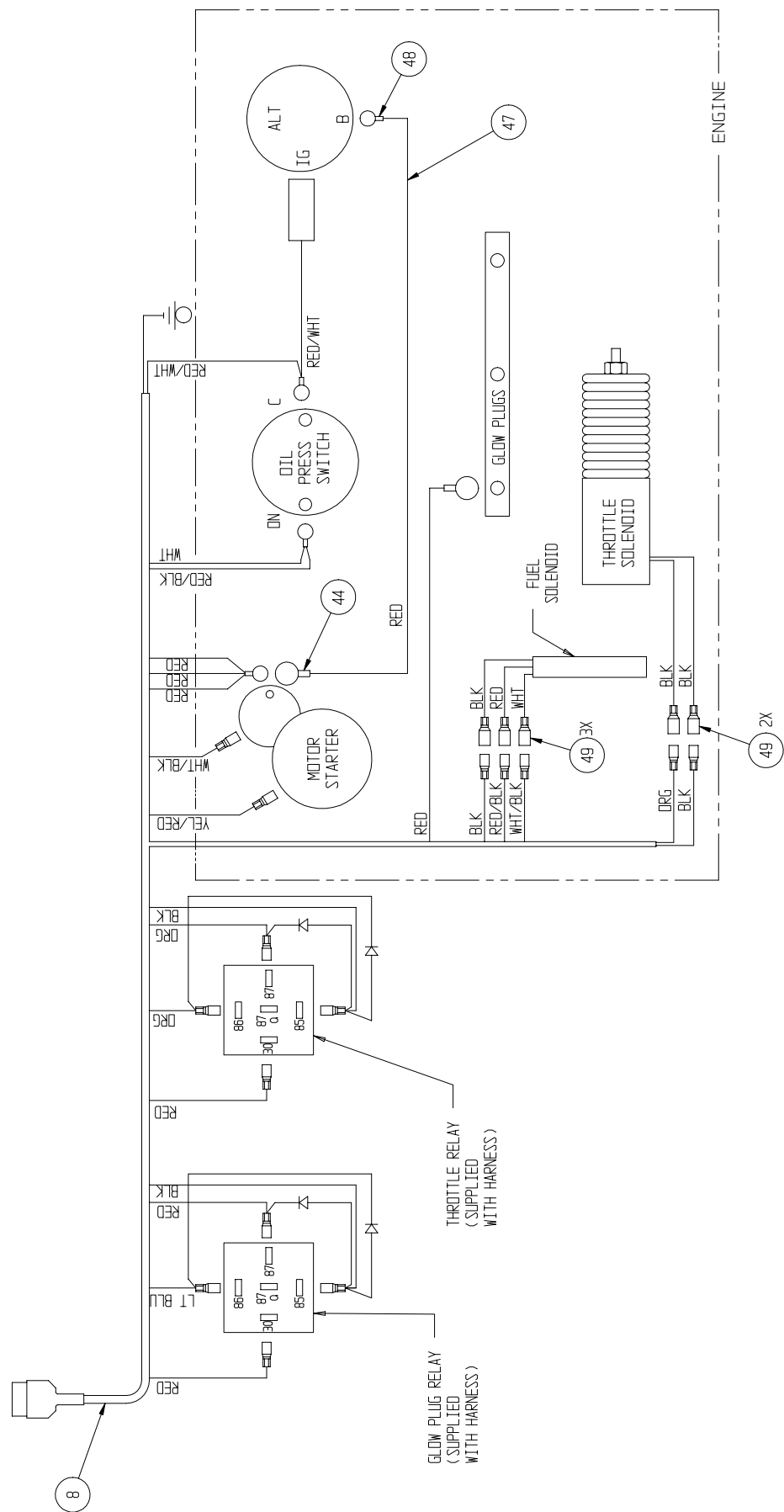
Drawing 1 of 2

NOTES: UNLESS OTHERWISE SPECIFIED

1. FILL COOLING SYSTEM WITH 50% WATER AND 50% ANTIFREEZE SOLUTION.
2. TORQUE BELL HOUSING FASTENERS AS FOLLOWS:
M-10 TORQUE TO 36 LB. FT., M-8 TORQUE TO 18 LB. FT., & 3/8-16 TORQUE TO 36 LB. FT.
3. REPLACE EXISTING OIL PRESSURE SWITCH WITH 63945-001 & FITTING
4. REFERENCE ITEMS SUPPLIED WITH ENGINE KIT.
5. TORQUE MOUNTING BOLTS TO 75 FT/LBS.



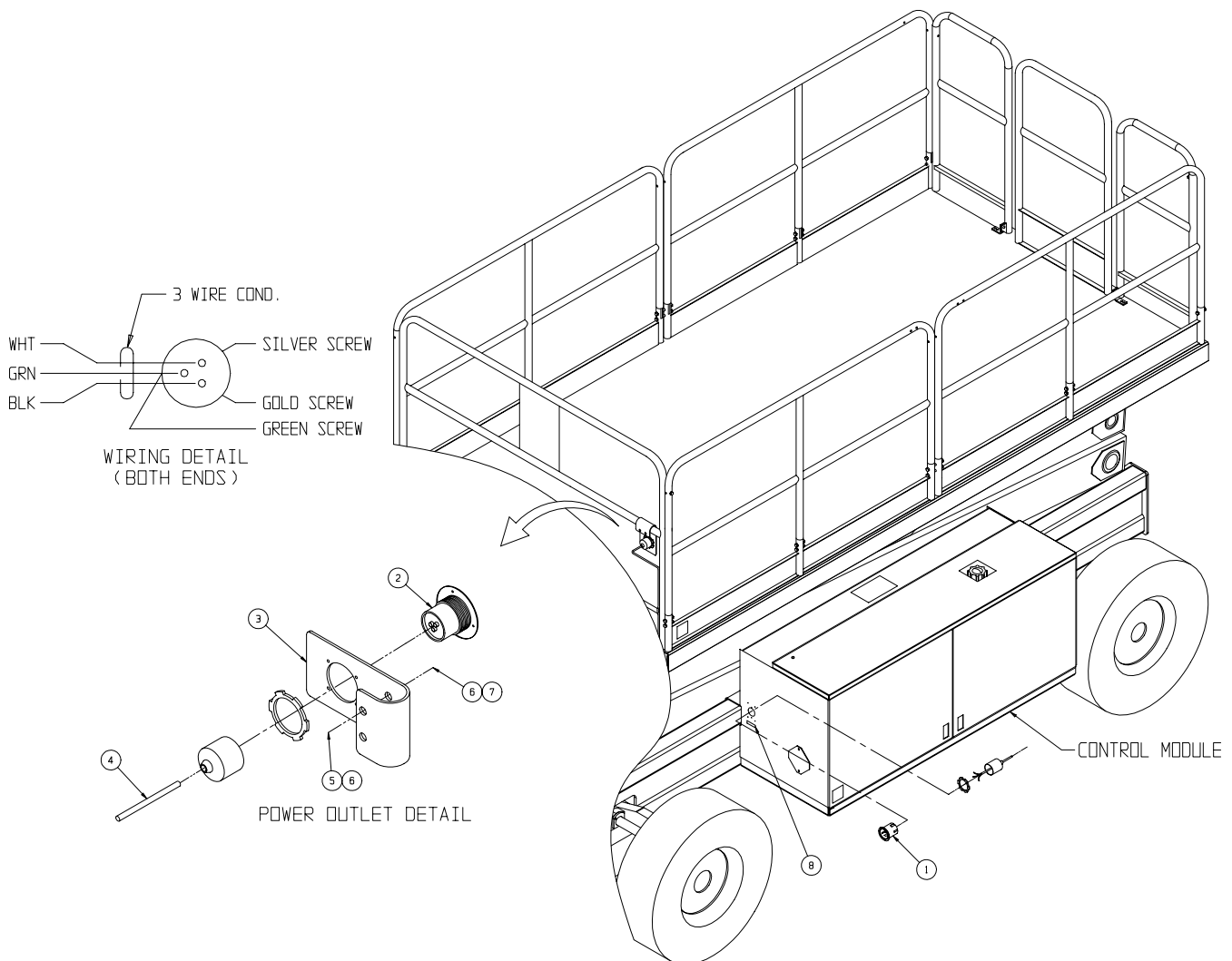
Drawing 2 of 2



Power to Platform, LX31/LX41/LX50

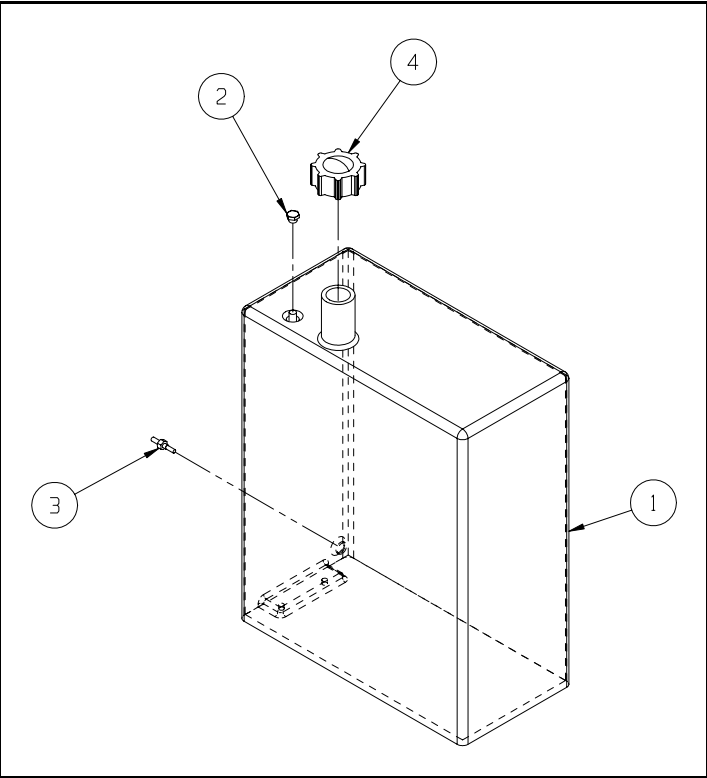
067907-010

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	LX31	LX41	LX50
			067907-010	067907-011	067907-012
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.	QTY.	QTY.
1	067336-000	PLUG INLET W/BOOT, MALE	1	1	1
2	067336-001	PLUG INLET W/BOOT, FEMALE	1	1	1
3	030719-004	110 VAC BRACKET	1	1	1
4	029495-099	WIRE 14 GA 3-COND	60FT		
	029495-099	WIRE 14 GA 3-COND		72FT	
	029495-099	WIRE 14 GA 3-COND			84FT
5	011254-020	SCREW, HHC GRD5 3/8-16UNC X 2 1/2	2	2	2
6	011240-006	WASHER, 3/8, STD FLAT	4	4	4
7	011248-006	NUT, HEX, ESNA, 3/8-16	2	2	2
8	068639-000	LABEL-POWER TO PLATFORM	1	1	1



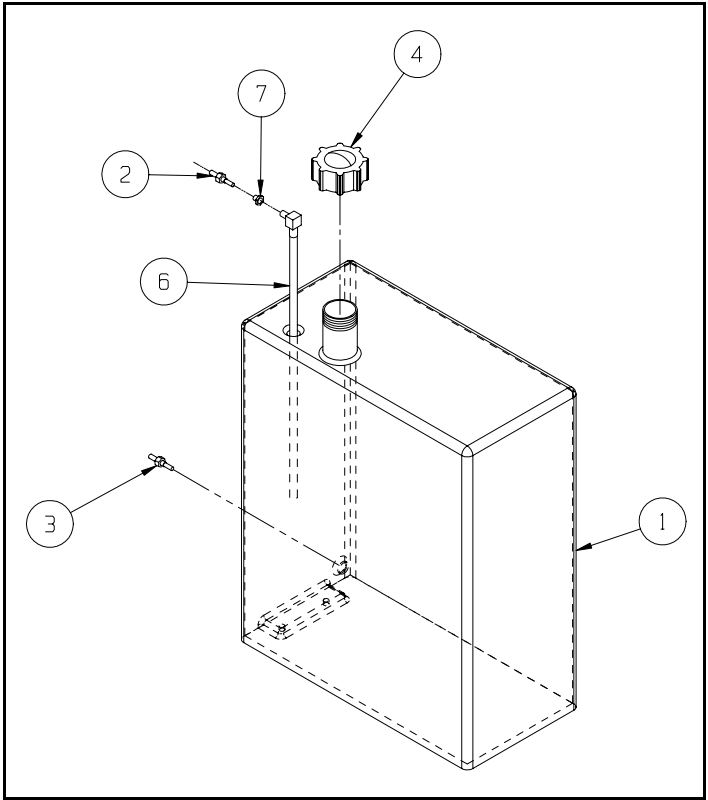
Fuel Tank Assembly, Gas
067485-000

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067837-000	ROTOMOLDED FUEL TANK	1
2	011919-002	PLUG FITTING, MP #4	1
3	010178-003	BARBED FITTING, 1/4	1
4	068982-002	FUEL CAP	1



Fuel Tank Assembly, Diesel
067485-001

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067837-000	ROTOMOLDED FUEL TANK	1
2	010178-001	BARBED FITTING, 3/16	1
3	010178-003	BARBED FITTING, 1/4	1
4	068982-000	FUEL CAP	1
6	067488-000	WITHDRAWAL TUBE WLDMT	1
7	03556-001	BUSHING, 2FP-4MP	1

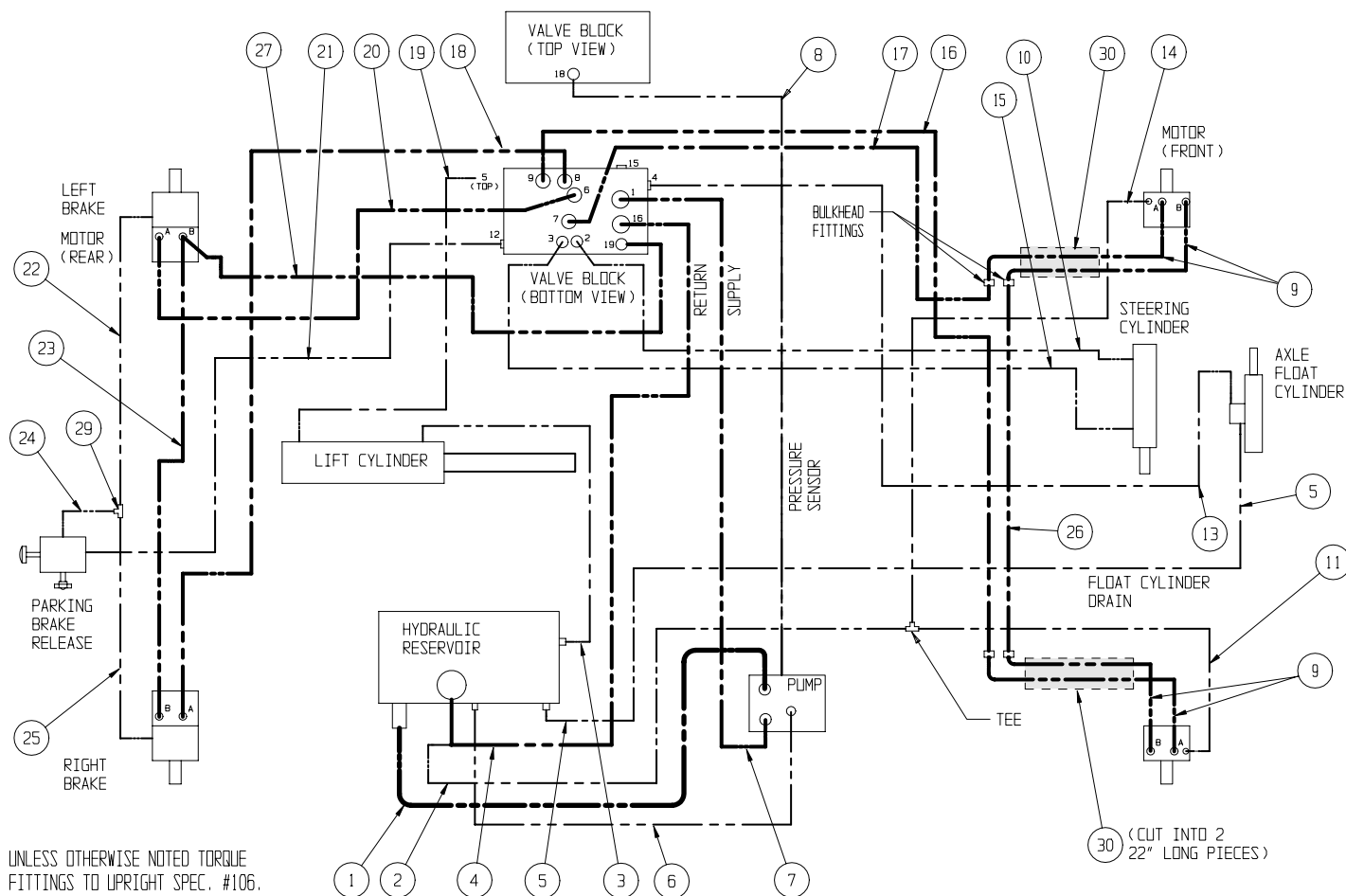


Hose Installation, LX31/LX41

067533-046

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067680-027	1-1/4 HOSE ASSY X 27 20FJX-20FJX 90	1
2	065234-009	1/4 HOSE ASSY X 65 4FJX-4FJX	1
3	067857-334	3/8 HOSE ASSY X 334 6FJX-6FJX90	1
4	067676-131	3/4 HOSE ASSY X 131 12FJX-12FJX 90	1
5	067681-129	1/4 HOSE ASSY X 128 4FJX-4FJX 90	1
6	067682-026	1/2 HOSE ASSY X 26 8FJX-8FJX 90	1
7	067858-108	3/4 HOSE ASSY X 108 12FJX-12FJX	1
8	065234-096	1/4 HOSE ASSY X 96 4FJX-4FJX	1
9	067679-060	1/2 HOSE ASSY X 60 10FJX-8FJX 45	4
10	067683-088	3/8 HOSE ASSY X 88 6FJX-6FJX 45	1
11	067681-088	1/4 HOSE ASSY X 88 4FJX-4FJX 90	1
13	065234-108	1/4 HOSE ASSY X 108 4FJX-4FJX	1
14	067681-118	1/4 HOSE ASSY X 118 4FJX-4FJX 90	1
15	067683-098	3/8 HOSE ASSY X 98 6FJX-6FJX 45	1

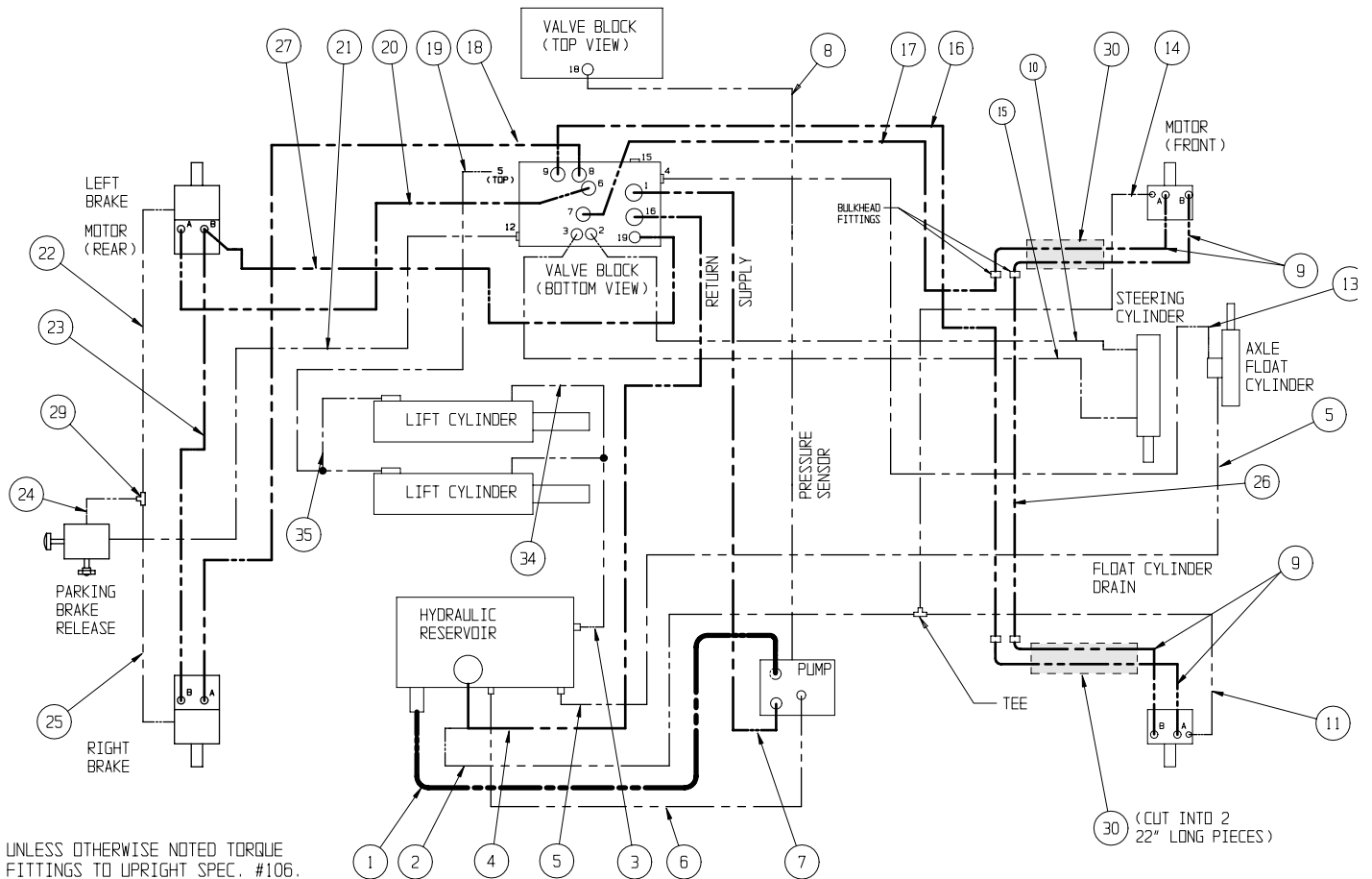
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
16	067677-087	5/8 HOSE ASSY X 87 10FJX-10FJX 90	1
17	067677-052	5/8 HOSE ASSY X 52 10FJX-10FJX 90	1
18	067677-144	5/8 HOSE ASSY X 144 10FJX-10FJX J90	1
19	067684-200	3/8 HOSE ASSY X 200 6FJX-6FJX 90	1
20	067677-112	5/8 HOSE ASSY X 112 10FJX-10FJX 90	1
21	065234-152	1/4 HOSE ASSY X 152 4FJX-4FJX	1
22	065234-014	1/4 HOSE ASSY X 46.5 4FJX-4FJX	1
23	067687-061	5/8 HOSE ASSY X 61 10FJX90-10FJX90	1
24	065234-032	1/4 HOSE ASSY X 32 4FJX-4FJX	1
25	065234-001	1/4 HOSE ASSY X 20 4FJX-4FJX	1
26	067687-084	5/8 HOSE ASSY X 84 10FJX90-10FJX90	1
27	108037-120	1/2 HOSE ASSY X 120 10FJX-8FJX	1
29	020032-001	FITTING 4MJ-4MJ TEE	REF
30	067758-099	HOSE GUARD - NYLON	REF



Hose Installation, LX50

067533-047

1	067680-027	1-1/4 HOSE ASSY X 27 20FJX-20FJX 90	1	17	067677-052	5/8 HOSE ASSY X 52 10FJX-10FJX 90	1
2	065234-009	1/4 HOSE ASSY X 65 4FJX-4FJX	1	18	067677-144	5/8 HOSE ASSY X 144 10FJX-10FJX J90	1
3	067857-334	3/8 HOSE ASSY X 334 6FJX-6FJX90	1	19	067684-200	3/8 HOSE ASSY X 200 6FJX-6FJX 90	1
4	067676-131	3/4 HOSE ASSY X 131 12FJX-12FJX 90	1	20	067677-112	5/8 HOSE ASSY X 112 10FJX-10FJX 90	1
5	067681-129	1/4 HOSE ASSY X 128 4FJX-4FJX 90	1	21	065234-152	1/4 HOSE ASSY X 152 4FJX-4FJX	1
6	067682-026	1/2 HOSE ASSY X 26 8FJX-8FJX 90	1	22	065234-014	1/4 HOSE ASSY X 46.5 4FJX-4FJX	1
7	067858-108	3/4 HOSE ASSY X 108 12FJX-12FJX	1	23	067687-061	5/8 HOSE ASSY X 61 10FJX90-10FJX90	1
8	065234-096	1/4 HOSE ASSY X 96 4FJX-4FJX	1	24	065234-032	1/4 HOSE ASSY X 32 4FJX-4FJX	1
9	067679-060	1/2 HOSE ASSY X 60 10FJX-8FJX 45	4	25	065234-001	1/4 HOSE ASSY X 20 4FJX-4FJX	1
10	067683-088	3/8 HOSE ASSY X 88 6FJX-6FJX 45	1	26	067687-084	5/8 HOSE ASSY X 84 10FJX90-10FJX90	1
11	067681-088	1/4 HOSE ASSY X 88 4FJX-4FJX 90	1	27	108037-120	1/2 HOSE ASSY X 120 10FJX-8FJX	1
13	065234-108	1/4 HOSE ASSY X 108 4FJX-4FJX	1	29	020032-001	FITTING 4MJ-4MJ TEE	REF
14	067681-118	1/4 HOSE ASSY X 118 4FJX-4FJX 90	1	30	067758-099	HOSE GUARD - NYLON	REF
15	067683-098	3/8 HOSE ASSY X 98 6FJX-6FJX 45	1	34	060861-102	3/8 HOSE ASSY X 529 6FJX-6FJX	1
16	067677-087	5/8 HOSE ASSY X 87 10FJX-10FJX 90	1	35	060861-103	3/8 HOSE ASSY X 370 6FJX-6FJX	1



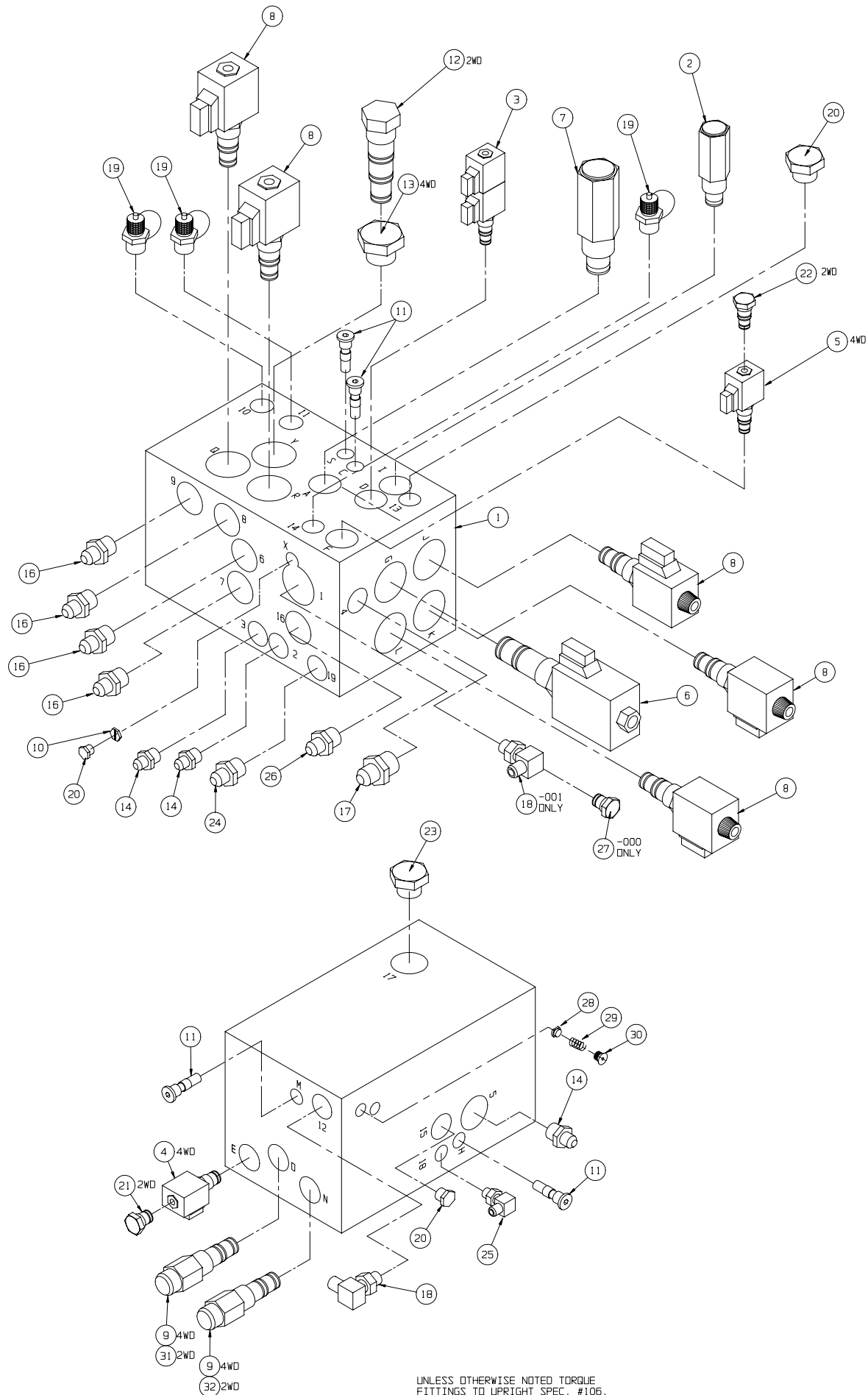
NOTES:

Valve Block LX31/LX41/LX50

067489-001

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067489-015	VALVE BLOCK	1
2	067489-003	VALVE, BI-DIRECTIONAL RELIEF	1
3	067489-004	VALVE, 3 POS - 4 WAY	1
4	067489-005	VALVE, 2 WAY N.C.	1
5	067489-006	VALVE, 2 POS - 3 WAY	1
6	067489-007	VALVE, PROPORTIONAL	1
7	067489-008	VALVE, RELIEF	1
8	067489-009	VALVE, SOL. 2 POS 3 WAY	5
9	067489-027	VALVE, COUNTERBALANCE 4WD	2
10	067489-011	ORIFICE (.060 DIA.)	1
11	067489-012	VALVE, SHUTTLE	4
13	020021-012	PLUG, #12 MB	1
14	011941-005	ADAPTER, #6 MB - #6 MJ	3

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
16	011941-015	ADAPTER, #10 MB - #10 MJ	4
17	011941-020	ADAPTER, #12 MB - #12 MJ	1
18	011934-003	ADAPTER, 90° #6 MB - #4 MJ	2
19	063965-001	PLUG, GUAGE PORT	3
20	020021-004	PLUG, #4 MB	2
23	020021-010	PLUG #10MB	1
24	011941-006	ADAPTER, #6 MB - #8 MJ	1
25	011934-026	ADAPTER, 90° #4 MB - #6 MJ	1
26	011941-016	ADAPTER, #10 MB - #12 MJ	1
28	067489-026	ORIFICE (.020)	1
29	067489-025	SPRING	1
30	067489-029	PLUG, #6 SAE	1



UNLESS OTHERWISE NOTED TORQUE
FITTINGS TO UPRIGHT SPEC. #106.

Guardrail Installation, LX

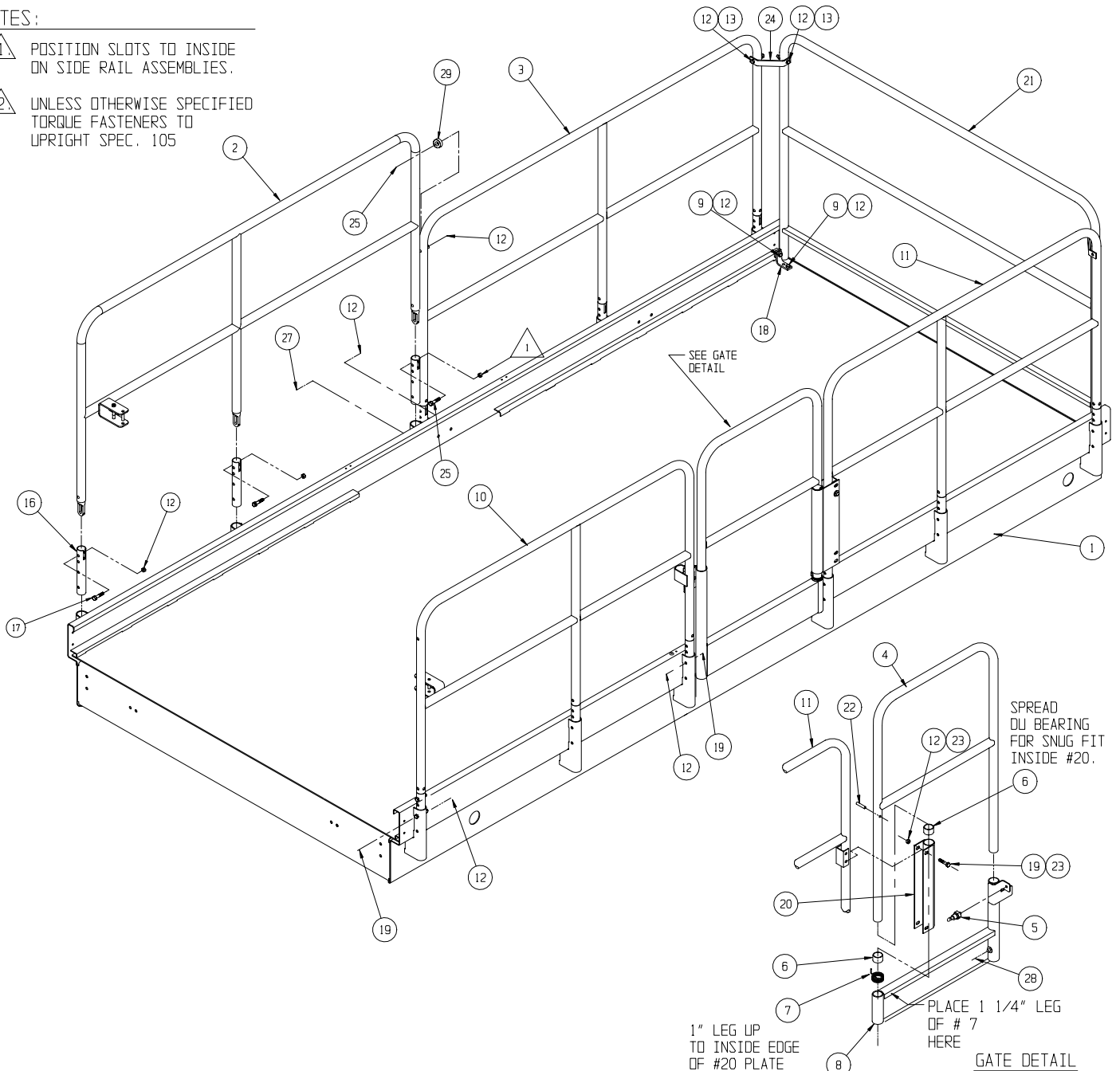
030867-331

ITEM	PART NO.	DESCRIPTION	QTY
1	030987-000	PLATFORM WELDMENT	REF
2	108145-000	GUARDRAIL WELDMENT	1
3	108144-001	GUARDRAIL WELDMENT	1
4	108062-000	GATE WELDMENT	1
5	003570-005	RETAINING PIN ASSY	1
6	062642-026	BEARING	2
7	066526-004	TORSION SPRING	1
8	108063-000	GATE KICKRAIL WELDMENT	1
9	011254-010	SCREW HHC 3/8-16UNC X 1 1/4	6
10	108066-000	GUARDRAIL WELDMENT 3	1
11	108065-000	GUARDRAIL WELDMENT 4	1
12	011248-006	NUT HEX ESNA 3/8-16UNC	46
13	011254-018	SCREW HHC 3/8-16UNC X 2 1/4	4

ITEM	PART NO.	DESCRIPTION	QTY
16	067755-001	SWING TUBE	12
17	011254-016	SCREW HHC 3/8-16UNC X 2	10
18	064046-000	BRACKET, RAIL MOUNT	2
19	011254-020	SCR HHC 3/8-16 X 2-1/2	22
20	108064-000	PIVOT TUBE WELDMENT	1
21	030987-015	GUARDRAIL WELDMENT REAR	1
22	011739-014	ROLLPIN 3/8D X 1 3/4	1
23	011240-006	WASHER, FLAT STD 3/8	4
24	067463-000	BRACKET GUARDRAIL CORNER	2
25	011254-032	SCREW HHC 3/8-16 X 4	2
27	011254-034	SCREW 3/8 X 4 1/4	2
28	011254-006	SCREW 3/8 X 3/4	2
29	067695-000	SPACER	1

NOTES:

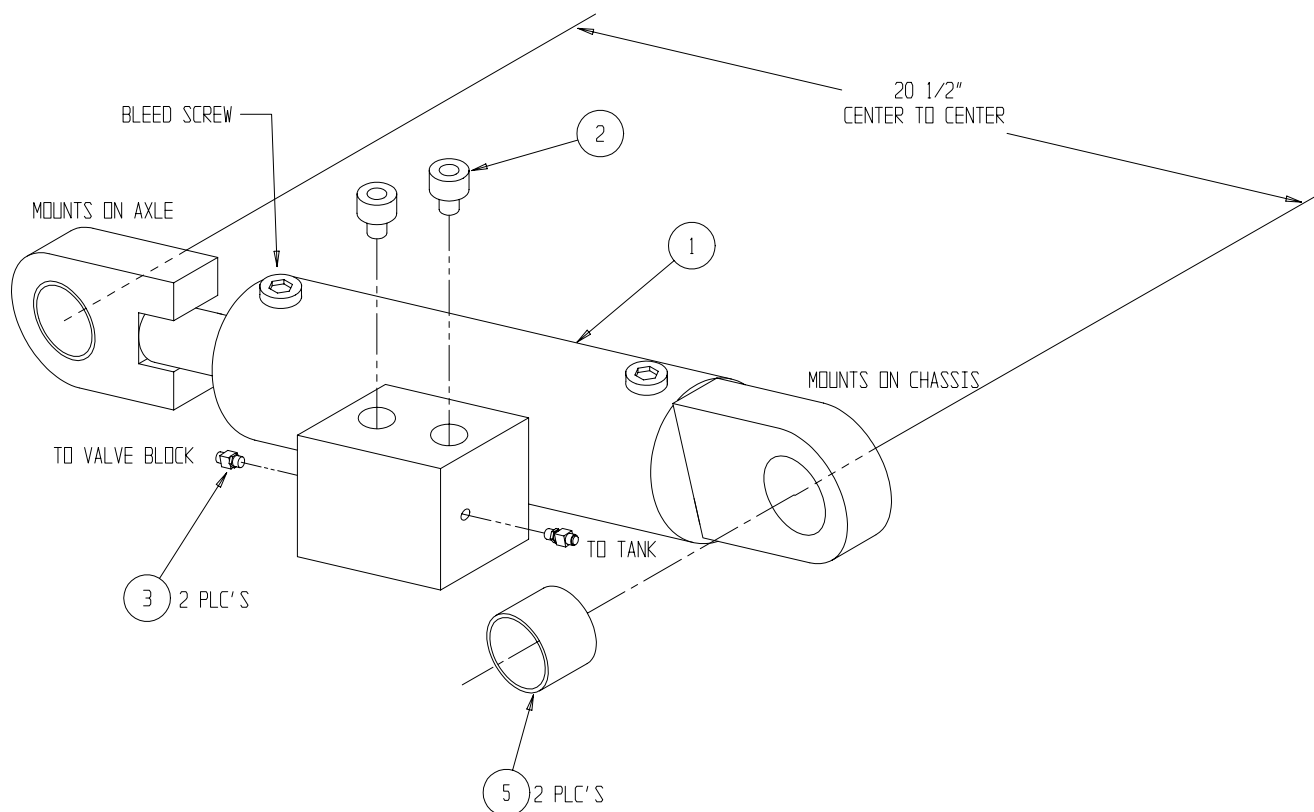
1. POSITION SLOTS TO INSIDE ON SIDE RAIL ASSEMBLIES.
2. UNLESS OTHERWISE SPECIFIED TORQUE FASTENERS TO UPRIGHT SPEC. 105



Axle Pivot Cylinder Assembly

108060-000

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	108058-000	AXLE PIVOT CYLINDER	1
*	108058-010	AXLE PIVOT CYLINDER SEAL KIT	REF
2	064297-003	CHECK VALVE CP450-2L-B-0-030-0	2
3	011941-001	FITTING, 4MB-4MJ	2
5	027931-057	BEARING, #AA-1704-11	2



Front Tire & Wheel Assembly, Air Filled, LX31/LX41 067664-000, -001

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	-000 RIGHT FRONT	-001 LEFT FRONT
			QTY.	QTY.
1	067609-000	WHEEL, 16.5 X 8.25 6 HOLE, 6 BC	1	1
2	067610-000	TIRE, 10-16.5 NHS 8 PLY	1	1
3	012282-001	VALVE STEM	1	1

Rear Tire & Wheel Assembly, Air Filled, LX31/LX41 067666-004, -005

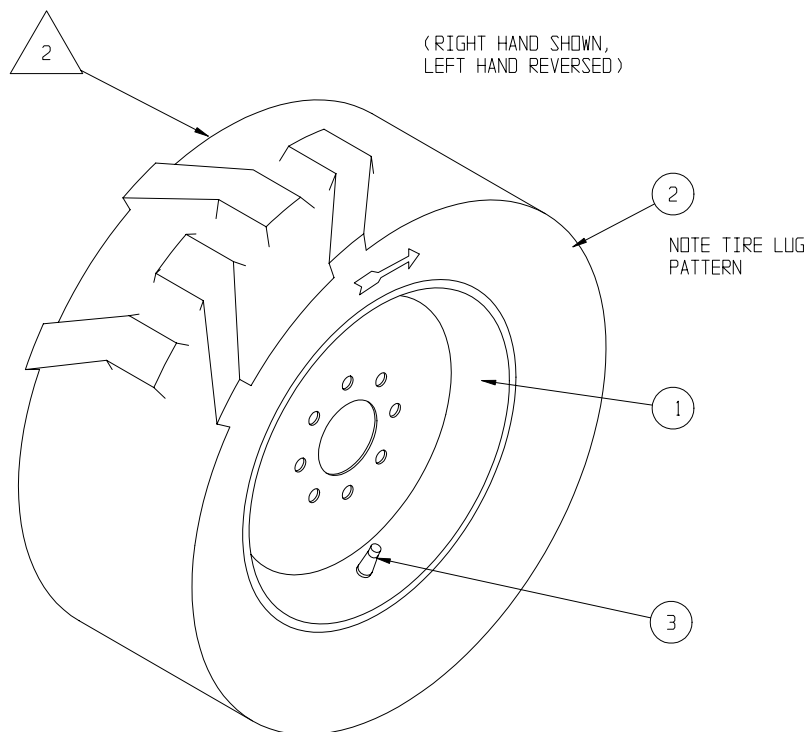
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	-004 RIGHT REAR	-005 LEFT REAR
			QTY.	QTY.
1	067605-006	WHEEL, 16.5 X 8.25 8 HOLE, 5.5" BC	1	1
2	067610-000	TIRE, 10-16.5 NHS 8 PLY	1	1
3	012282-001	VALVE STEM	1	1

Front Tire & Wheel Assembly, Poly-Filled, LX50 067664-002, -003

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	-002 RIGHT FRONT	-003 LEFT FRONT
			QTY.	QTY.
1	067609-000	WHEEL, 16.5 X 8.25 6 HOLE, 6 BC	1	1
2	067610-000	TIRE, 10-16.5 NHS 8 PLY	1	1
3	012282-001	VALVE STEM	1	1

Rear Tire & Wheel Assembly, Poly-Filled, LX50 067666-006, -007

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	-006 RIGHT REAR	-007 LEFT REAR
			QTY.	QTY.
1	067605-006	WHEEL, 16.5 X 8.25 8 HOLE, 5.5" BC	1	1
2	067610-000	TIRE, 10-16.5 NHS 8 PLY	1	1
3	012282-001	VALVE STEM	1	1



NOTES:

1. FILL TIRE/WHEEL ASSY WITH 110 LBS MIN TO 120 LBS MAX OF POLYFILL OR EQUIVALENT.

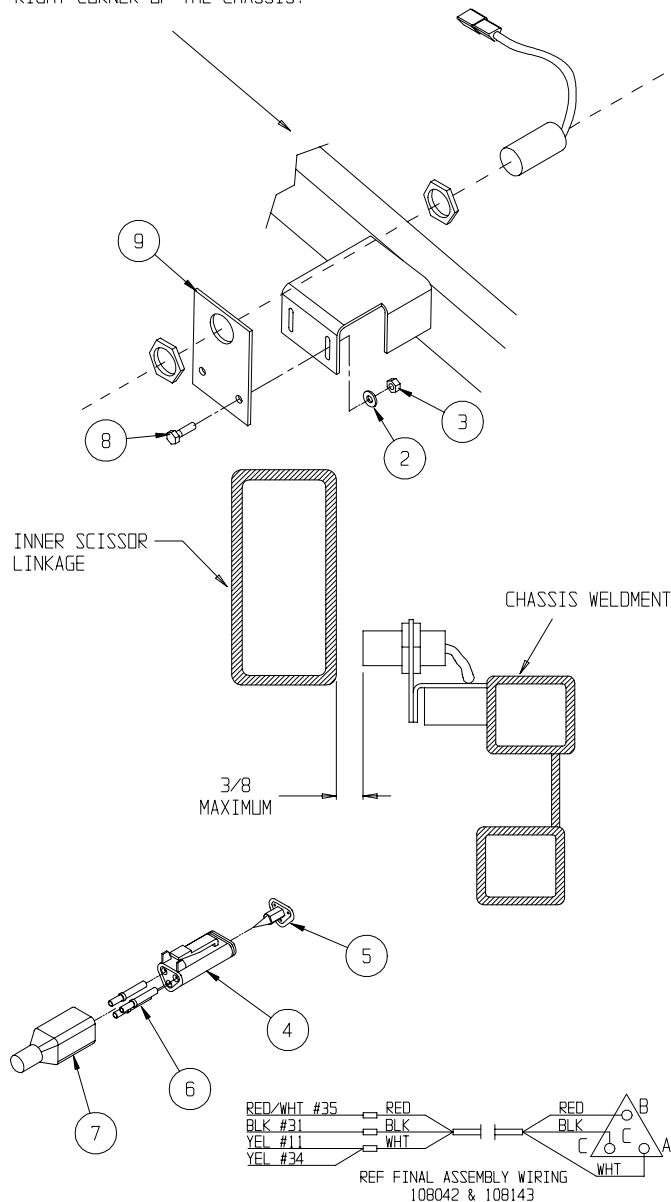
2. BRAND BACKSIDE OF TIRE/WHEEL ASSY AS FOLLOWS:
"UPRIGHT 6KP"
SPACE
LAST DIGIT OF YEAR WHEN TIRE WAS FILLED
TIRE SEALANT
LETTER CORRESPONDING TO MONTH:
JAN=1=A
FEB=2=B
ECT.

Proximity Switch Installation 108040-010

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY
1	067193-001	IND. PROX. SWITCH TURK#BI10-M30-VP4X	1
2	014996-004	WASHER - 1/4" FLAT	2
3	011248-004	LOCKNUT 1/4-20 UNC ESNA	2
4	067456-001	RECEPTACLE 3 PIN DT04-3P-E004	1
5	067456-003	WEDGE LOCKING W3P-P012	1
6	068762-000	PIN CONTACT 0460-215-16141	3
7	068908-005	BOOT 3 PIN DT 3P-BT	1
8	011252-008	SCREW - 1/4-20 UNC X 1" LG.	2
9	108141-001	BRACKET - PROX. DOWN SWITCH	1

NOTE: ADJUST SWITCH TO OPEN AT LESS THAN
2 FEET OF PLATFORM LIFT

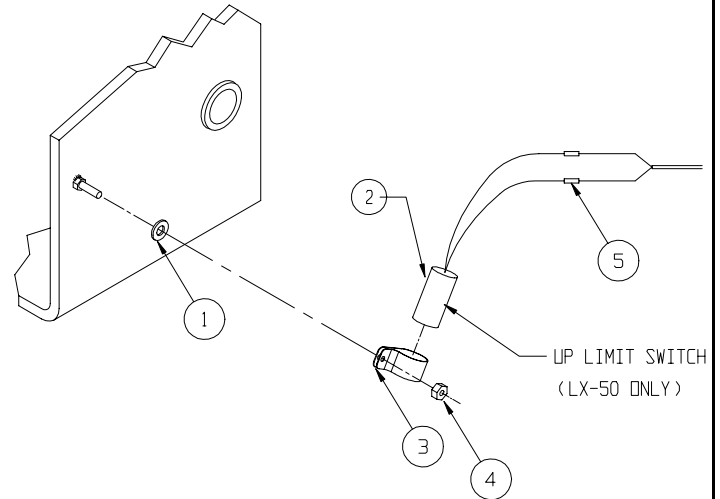
LOCATION: UNDER SCISSOR STACK NEAR THE FRONT
RIGHT CORNER OF THE CHASSIS.



Mercury Switch Installation - LX50 Only 108041-010

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	011240-006	3/8 FLAT WASHER	1
2	063497-001	MERCURY SWITCH	1
3	013919-013	CLAMP	1
4	011248-006	LOCKNUT, 3/8-16 UNC ESNA	1
5	029620-002	CONNECTOR, BUTT 16-14 GA.	2

NOTE: SEE FINAL ASSY SPECIFICATION FOR SWITCH ADJUSTMENT

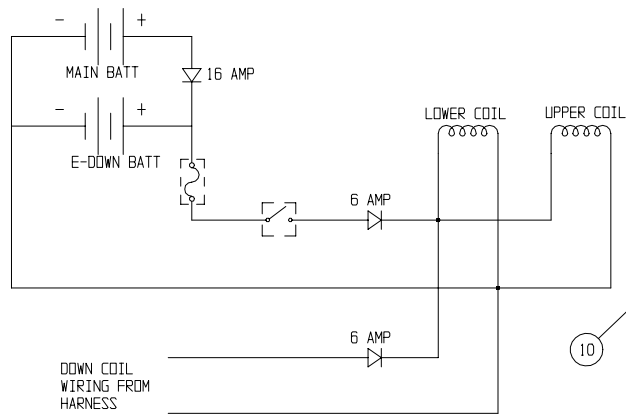


Electric Emergency Lowering, LX50

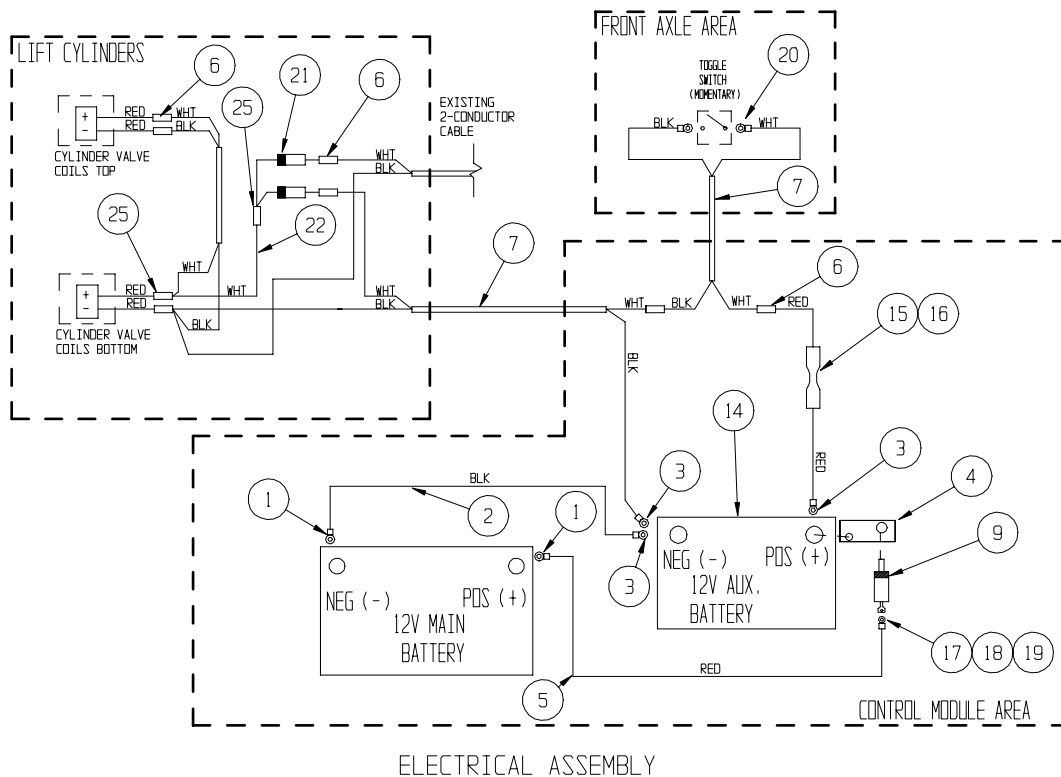
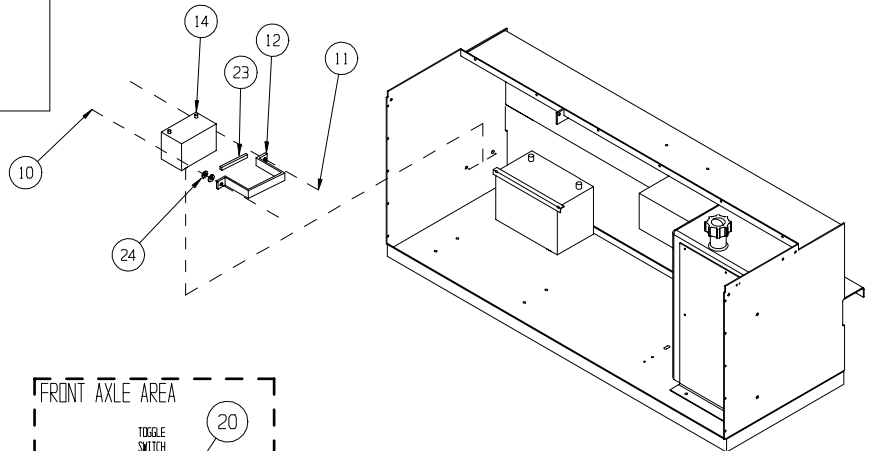
108038-000

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	029601-040	5/16" RING TERM - 16 AWG	2
2	029452-099	WIRE 16 AWG BLACK	3 FT
3	029601-013	#10 RING TERM - 16 AWG	3
4	066630-012	BUSS BAR - COPPER	1
5	029454-099	WIRE 16 GA - RED	3 FT
6	029620-002	CONN BUTT 16-14 GA INSL	6
7	029496-099	WIRE 16 GA 2-COND	75 FT
8	029872-001	BOOT - RED	1
9	066630-013	DIODE - 16 AMP	1
10	011252-012	HHC 1/4-20 UNC X 1-1/2	2
11	011248-004	LOCKNUT, 1/4-20 UNC HEX	2
12	066630-011	BRACKET - BATTERY HOLD DOWN	1
13	012798-003	SWITCH, TOGGLE MOMENTARY	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
14	066630-010	BATTERY - 5 AMP SIEBERT	1
15	029702-000	HOLDER, FUSE LITTLEFUSE #155100	1
16	029704-007	FUSE, 7-1/2 AMP	1
17	029601-012	#8 RING TERM - 16 AWG	1
18	011708-004	SCREW - MACH #8-32 UNC X 1/2" LG	1
19	011248-002	NUT - ESNA #8-32 UNC	1
20	029601-011	#6 RING TERM - 16 AWG	2
21	029825-002	DIODE - 6 AMP	2
22	029451-099	WIRE 16 GA WHITE	3 FT
23	068889-099	WEATHERSTRIP - 1/2 X 3/16 FOAM	.5 FT
24	014996-004	WASHER - 1/4" FLAT	4
25	029620-003	CONN - BUTT 12-10 GA INSL	3



NOTES: 1) UNLESS OTHERWISE NOTED TORQUE FASTENERS TO UPRIGHT SPEC. #105.
2) UNLESS OTHERWISE NOTED TORQUE FITTINGS TO UPRIGHT SPEC #106.



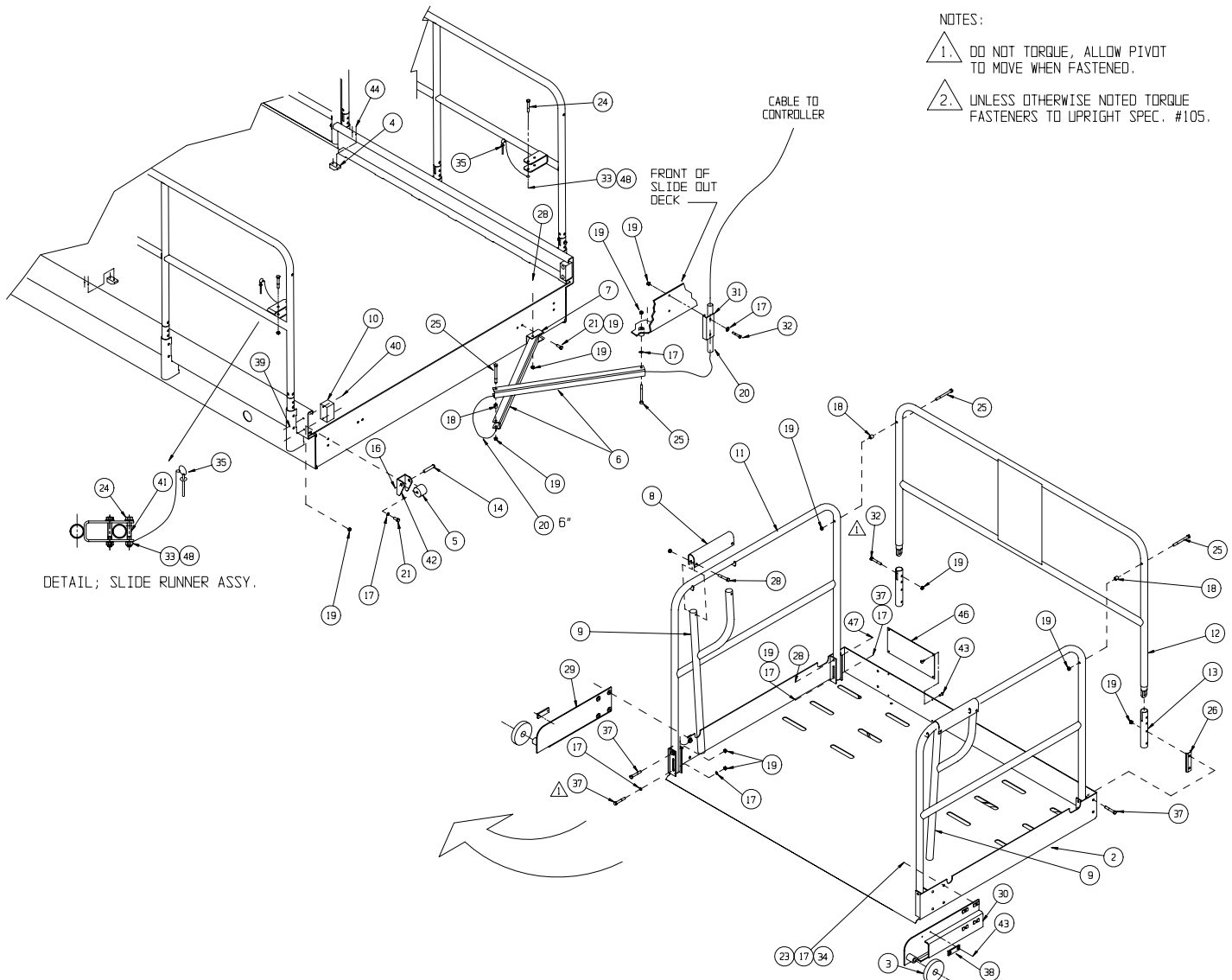
Slide-Out Deck Installation, Front

067866-037

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
2	067787-002	SLIDE-OUT DECK WELDMENT	1	25	011254-032	SCR. HHC 3/8-16 UNC X 4	4
3	067760-004	WHEEL, SLIDE-OUT DECK	2	26	067920-000	SPACER, GUARDRAIL	2
4	066192-000	SLIDE BLOCK	2	28	011254-018	SCR. HHC 3/8-16 UNC X 2 1/4"	3
5	067720-002	ROLLER	2	29	067867-001	ROLLER BRACKET REAR WELDMENT L.H.	1
6	067818-001	ARM, CABLE GUIDE	2	30	067867-000	ROLLER BRACKET REAR WELDMENT R.H.	1
7	067786-001	BRACKET, CABLE GUIDE	1	31	063666-004	WIRE CHANNEL	1
8	067761-000	PIVOT, PUSH BAR	2	32	011254-016	SCR. HHC 3/8 X 2"	2
9	067862-003	HANDLE WELDMENT	2	33	011248-005	NUT HEX 5/16-18 ESNA	4
10	066170-002	WEAR PAD	2	34	011238-006	WASHER 3/8 SPLIT LOCK WASHER	8
11	067776-001	GUARDRAIL WELDMENT	2	35	010414-006	LOCKING PIN ASSY 3/8 X 2	2
12	067778-000	GUARDRAIL WELDMENT	1	37	011254-020	SCR. HHC 3/8-16 UNC X 2 1/2"	6
13	067755-001	SWING TUBE	2	38	066198-000	WEAR PAD	2
14	011848-033	CLEVIS PIN, 1/2" DIA. X 3-1/2	2	39	011252-012	SCR. HH 1/4-20 X 1-1/2	4
16	011757-005	COTTER PIN, RUE RING	2	40	011248-004	1/4-20 ESNA NUT	4
17	014996-006	WASHER, FLAT 3/8" DIA	15	41	067364-001	TUBING, 3/8 I.D. X 2" LG	4
18	067695-000	SPACER	3	42	067783-006	ROLLER BRACKET	2
19	011248-006	LOCKNUT, 3/8-16 UNC ESNA	29	43	026553-006	POP RIVET, 3/16 X.38-.50 GRIP	8
20	012865-099	LOOM, WIRE 3/4"	8 FT.	44	026553-012	POP RIVET, 3/16 X 1.125 GRIP	4
21	011254-008	SCR. HHC 3/8-16 UNC X 1	6	46	108056-000	PLATE LABEL MOUNT	1
23	011254-006	SCR. HHC 3/8-16 UNC X 3/4	8	47	011246-006	LOCKNUT THIN ESNA 3/8	2
24	015936-020	SCR. SHOU SS 3/8-16 UNC X 2.5"	4	48	014996-005	WASHER, FLAT 5/16	2

NOTES:

1. DO NOT TORQUE, ALLOW PIVOT TO MOVE WHEN FASTENED.
2. UNLESS OTHERWISE NOTED TORQUE FASTENERS TO UPRIGHT SPEC. #105.

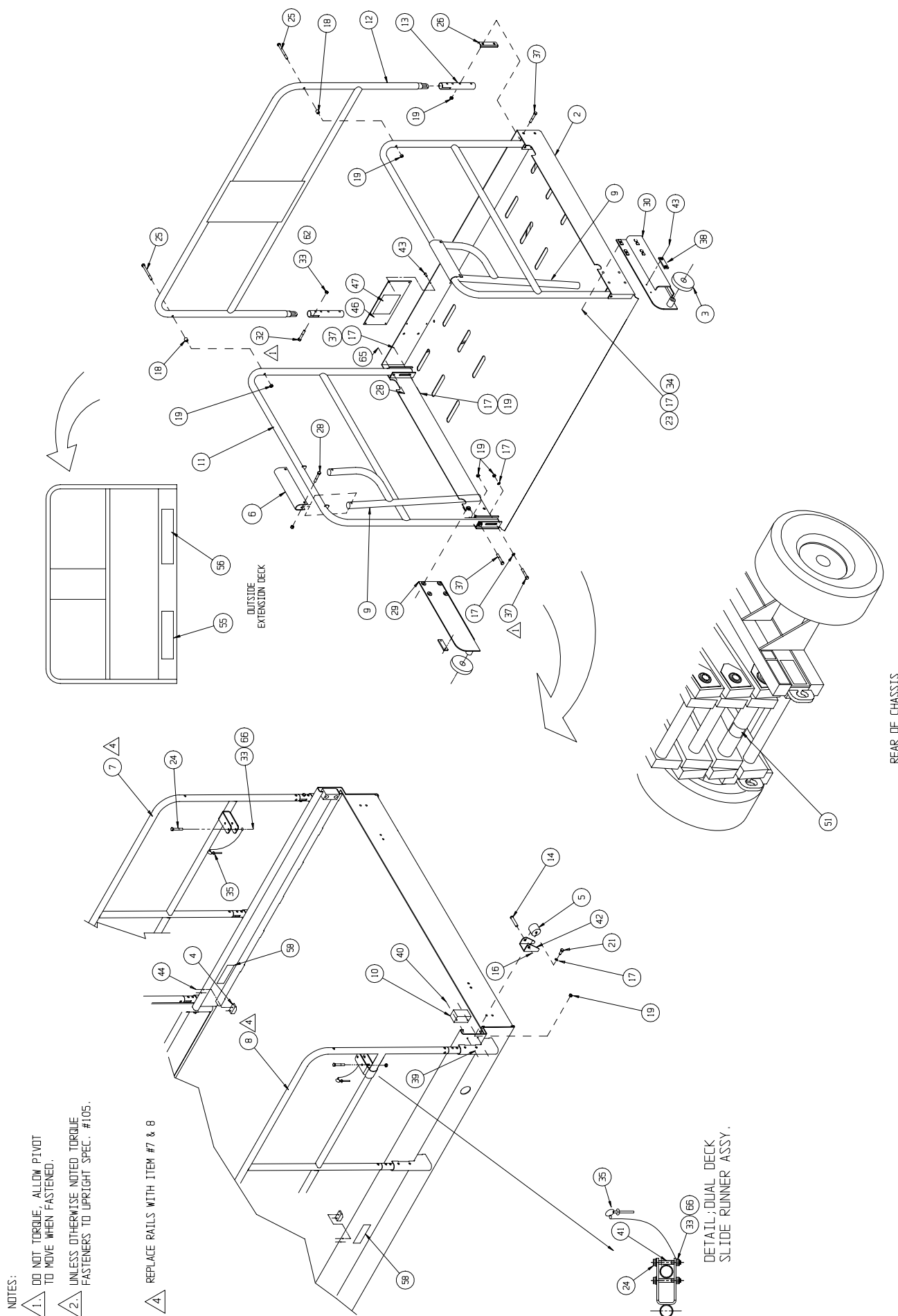


Slide-Out Deck, Rear – Option

067866-038/-039/-040

ITEM	PART NO.	DESCRIPTION	QTY
2	067787-002	SLIDE-OUT DECK WELDMENT	1
3	067760-004	WHEEL, SLIDE-OUT DECK	2
4	066192-000	SLIDE BLOCK	2
5	067720-002	ROLLER	2
6	067761-000	PIVOT PUSH BAR	2
7	108144-000	GUARDRAIL WELDMENT	1
8	108065-001	GUARDRAIL WELDMENT	1
9	067862-003	HANDLE WELDMENT	2
10	066170-002	WEAR PAD	2
11	067776-001	GUARDRAIL WELDMENT	2
12	067778-000	GUARDRAIL WELDMENT	1
13	067755-001	SWING TUBE	2
14	011848-033	CLEVIS PIN, 1/2" DIA. X 3-1/2	2
16	011757-005	COTTER PIN, RUE RING	2
17	014996-006	WASHER, FLAT 3/8" DIA	17
18	067695-000	SPACER	2
19	011248-006	LOCKNUT, 3/8-16 UNC ESNA	25
21	011254-008	SCR. HHC 3/8-16 UNC X 1	8
23	011254-006	SCR. HHC 3/8-16 UNC X 3/4	8
24	015936-020	SCR. SHOU SS 3/8-16 UNC X 2.5"	4
25	011254-032	SCR HHC 3/8 X 4	2
26	067920-000	SPACER, GUARDRAIL	2
28	011254-018	SCR. HHC 3/8-16 UNC X 2 1/4"	4
29	067867-001	ROLLER BRACKET REAR WELDMENT L.H.	1
30	067867-000	ROLLER BRACKET REAR WELDMENT R.H.	1

ITEM	PART NO.	DESCRIPTION	QTY
32	011254-016	SCR. HHC 3/8 X 2"	2
33	011248-005	NUT HEX 5/16-18 ESNA	10
34	011238-006	WASHER 3/8 SPLIT LOCK WASHER	4
35	010414-006	LOCKING PIN ASSY 3/8 X 2	2
37	011254-020	SCR. HHC 3/8-16 UNC X 2 1/2"	4
38	066198-000	WEAR PAD	2
39	011252-012	SCR. HH 1/4-20 X 1-1/2	4
40	011248-004	1/4-20 ESNA NUT	4
41	067364-001	TUBING, 3/8 I.D. X 2" LG	4
42	067783-006	ROLLER BRACKET	2
43	026553-006	POP RIVET, 3/16 X.38-.50 GRIP	8
44	026553-012	POP RIVET, 3/16 X 1.125 GRIP	4
46	108056-000	PLATE LABEL MOUNT	1
65	011246-006	LOCKNUT THIN ESNA 3/8	2
66	014996-005	WASHER, FLAT 5/16	2
LABELS			
47	101251-001	DANGER, MAX LOAD DOM	1
51	066556-000	LABEL, CAUTION DESEND PLTFM	1
55	061683-005	LABEL, UPRIGHT 4 1/2	1
57	067644-006	LABEL, LX31 4WD	1
	067644-008	LABEL, LX41 4WD	1
	067644-020	LABEL, LX50 4WD	1
58	101250-010	LABEL, LX31, MAX LOAD 1750 LBS DOM	2
	101250-011	LABEL, LX41, MAX LOAD 1250 LBS DOM	2
	101250-020	LABEL LX50, MAX LOAD 750 LBS DOM	2



Platform Assembly, 17 FT Deck – Option

108014-012/-013/-014

108014-012 #1 | LX31

Labels

108014-013 #1 | LX41

108014-012 #2 | LX31

ITEM	PART NO.	DESCRIPTION	QTY
1	108110-001	PLATFORM - 17 FOOT CENTERED	1
2	108103-002	RAIL WELDMENT - SIDE	1
3	108103-001	RAIL WELDMENT - SIDE	1
4	108104-002	RAIL WELDMENT - SIDE	1
5	108104-001	RAIL WELDMENT - SIDE	1
7	108103-003	RAIL WELDMENT - SIDE	1
8	067787-222	DECK ASSY - ROLLOUT	2
9	066170-002	PAD - WEAR	4
10	066192-000	COVER - BLOCK	4
12	067364-000	TUBE - SPACER	8
13	067720-002	ROLLER - SLIDE OUT DECK	4
14	067755-001	TUBE - ADAPTER	15
15	010414-006	LOCKING PIN - ASSEMBLY	4
16	067786-001	BRACKET- CABLE GUIDE	1
17	011254-032	SCREW HCC 1/2-13 X 4 LG	4
18	067818-001	ARM - CABLE GUIDE	2
19	067695-000	SPACER	3
20	063666-004	CHANNEL - WIRE	1
23	011254-006	SCREW HHC 3/8-16 X 3/4 LG	2
24	011254-008	SCREW HHC 3/8-16 X 1	10
25	011254-016	SCREW HHC 3/8-16 X 2	13
26	011254-018	SCREW HHC 3/8-16 X 2 1/4 LG	1
28	011254-032	SCREW HHC 3/8-16 X 4	6
29	011248-004	NUT 1/4-20 ESNA	8
30	011248-005	LOCKNUT 5/16-18	8
31	011248-006	NUT. HEX ESNA 3/8-16	58
32	011252-012	SCREW HHC 1/4-20 X 1 1/2 LG	8
33	026553-012	POP RVT 3/16 - .75-1.25 GRIP	8
34	011248-008	NUT, ESNA 1/2-13	4
35	015936-020	SCREW SHDR 3/8 X 2 1/2	8
36	108062-000	GATE - WELDMENT SIDE	1
37	108063-000	GATE WELDMENT- SIDE LATCH	1
38	108064-000	TUBE WELDMENT- PIVOT SIDE	1
39	003570-005	PIN - RETAINING	1
40	066526-004	SPRING - TORSION	1
41	062642-026	BEARING - 1.375 X 1.5313 X 1	2
42	011254-020	SCREW HHC 3/8-16 X 2 1/2	24
43	014996-006	WASHER 3/8 FLAT	15
44	067783-006	BRACKET - FLANGED ROLLER	4
45	011254-034	SCREW HHC 3/8 X 4 1/4	4
46	014996-005	WASHER, FLAT 5/16	4
47	011739-014	ROLLPIN 3/8 X 1 3/4	1

ITEM	PART NO.	DESCRIPTION	QTY
202	101251-001	LABEL, DANGER, MAX LOAD	1
206	066556-000	LABEL, CAUTION DESEND PLTFM	1
210	061683-005	LABEL, UPRIGHT 4 1/2	1
211	067644-006	LABEL, LX31 4WD	1
213	101250-010	LABEL, MAX LOAD 1750 lbs	2

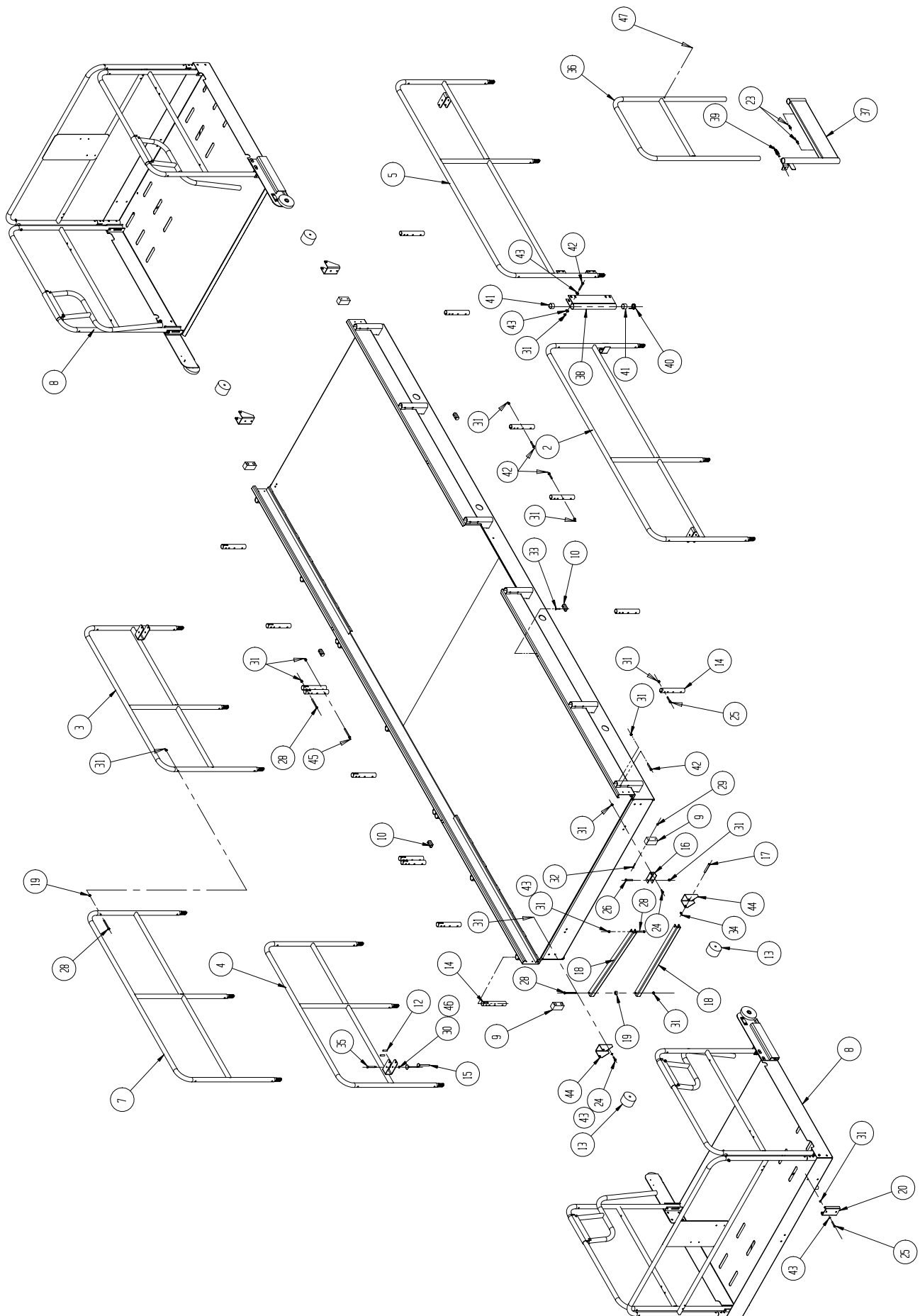
108014-013 #2 | LX41

ITEM	PART NO.	DESCRIPTION	QTY
202	101251-001	LABEL, DANGER, MAX LOAD	1
206	066556-000	LABEL, CAUTION DESEND PLTFM	1
210	061683-005	LABEL, UPRIGHT 4 1/2	1
211	067644-008	LABEL, LX41 4WD	1
213	101250-011	LABEL, MAX LOAD 1250 lbs	2

108014-014 #2 | LX50

ITEM	PART NO.	DESCRIPTION	QTY
202	101251-001	LABEL, DANGER, MAX LOAD	1
206	066556-000	LABEL, CAUTION DESEND PLTFM	1
210	061683-005	LABEL, UPRIGHT 4 1/2	1
211	067644-020	LABEL, LX50 4WD	1
213	101250-012	LABEL, MAX LOAD 750 lbs	2

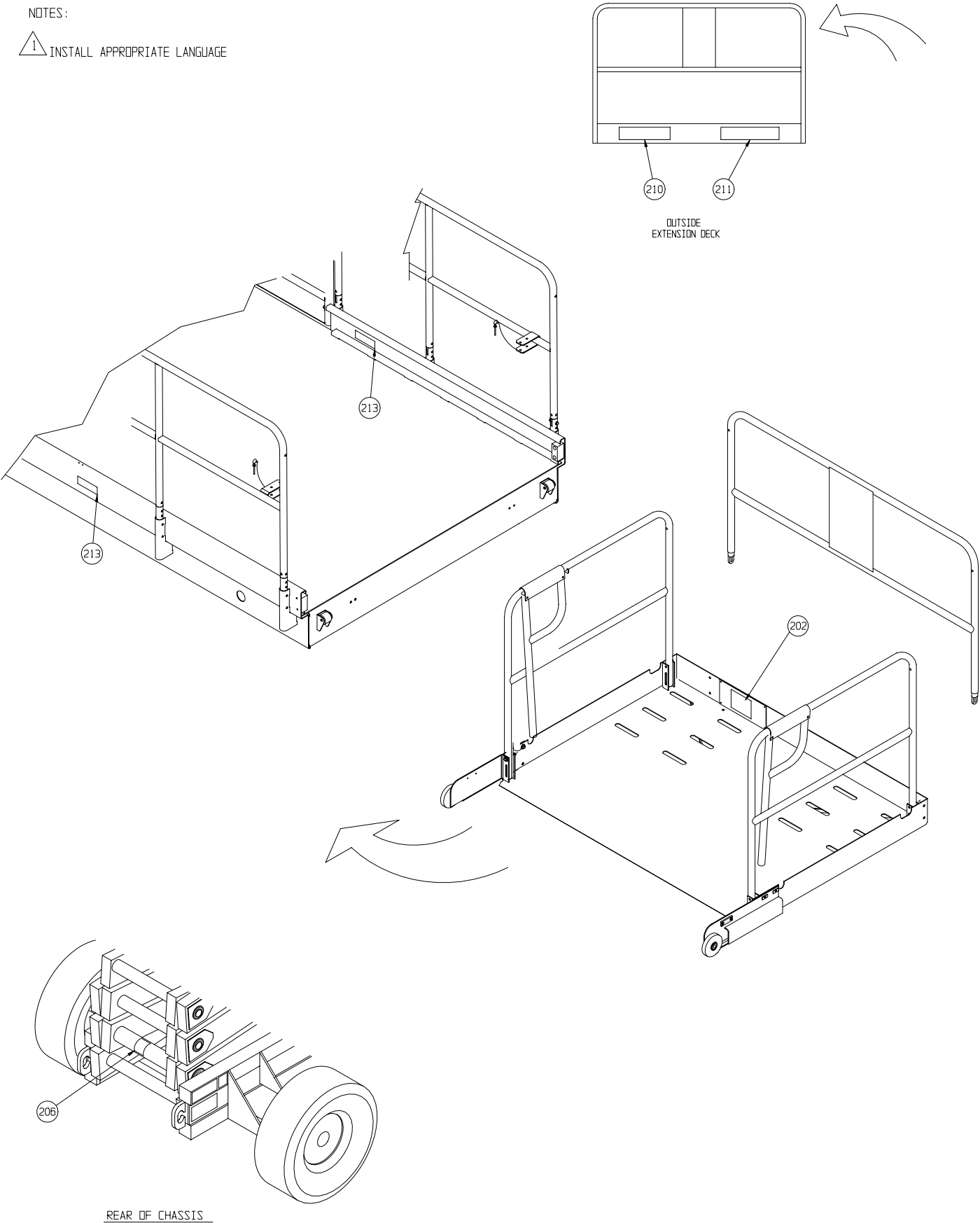
Drawing 1 of 2



Drawing 2 of 2

NOTES:

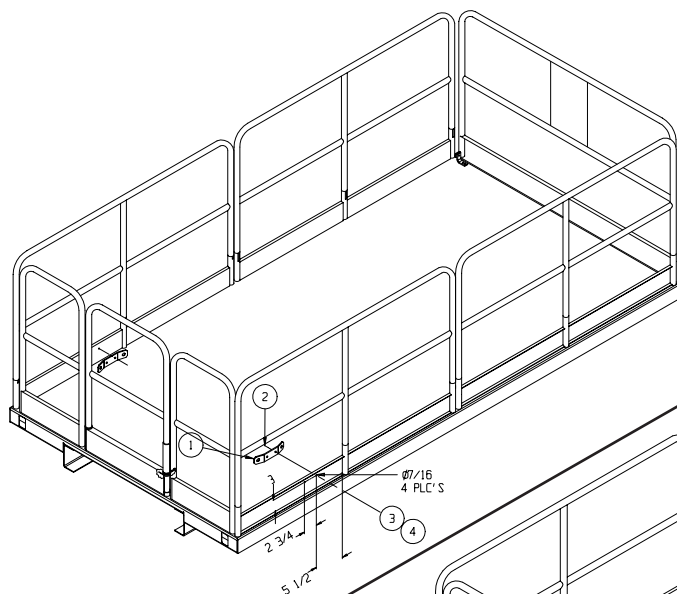
1 INSTALL APPROPRIATE LANGUAGE



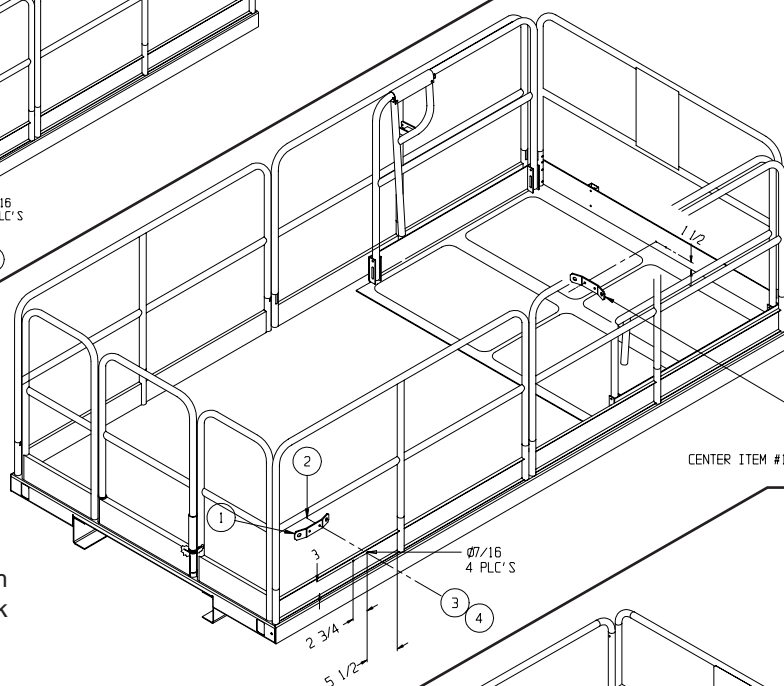
Lanyard – Option

030742-003

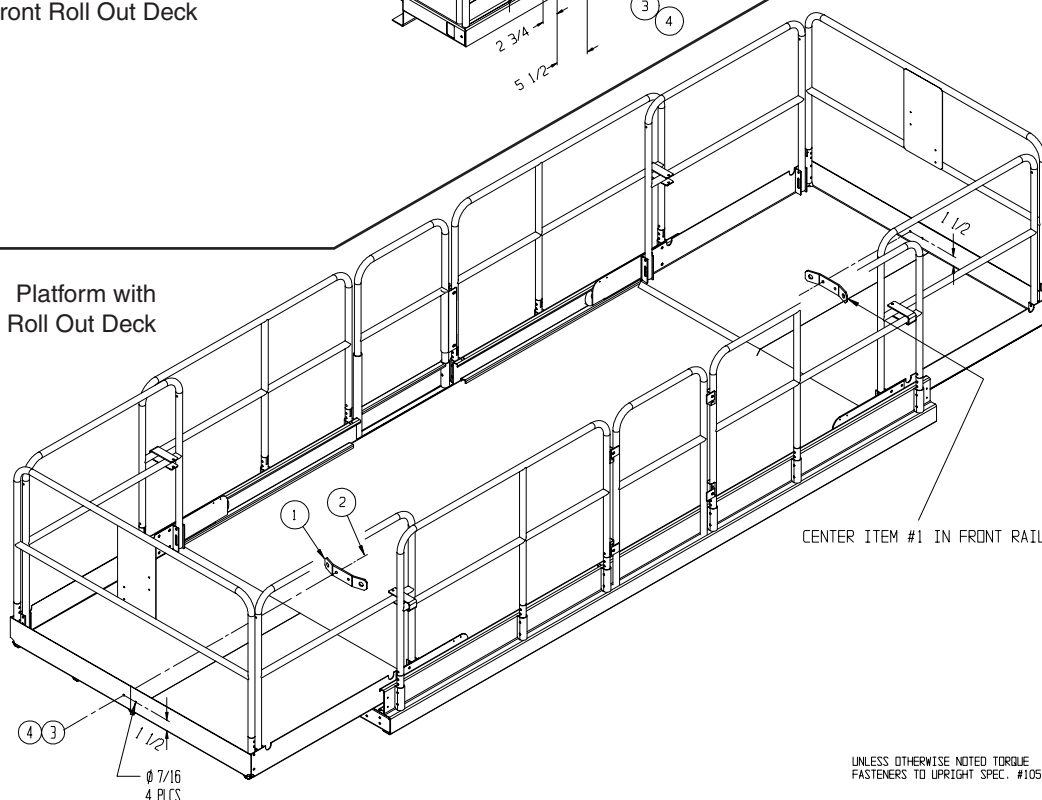
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	030712-010	HARNES HARDPOINT	2
2	011254-006	SCREW HHC GR5 3/8-16 UNC X 3/4	4
3	011240-006	WASHER FLAT STD 3/8	4
4	011248-006	NUT HEX ESNA 3/8-16	4



Platform without Roll Out Deck

Platform with
Front Roll Out Deck

CENTER ITEM #1 IN FRONT RAIL

Platform with
Front and Rear Roll Out Deck

CENTER ITEM #1 IN FRONT RAIL

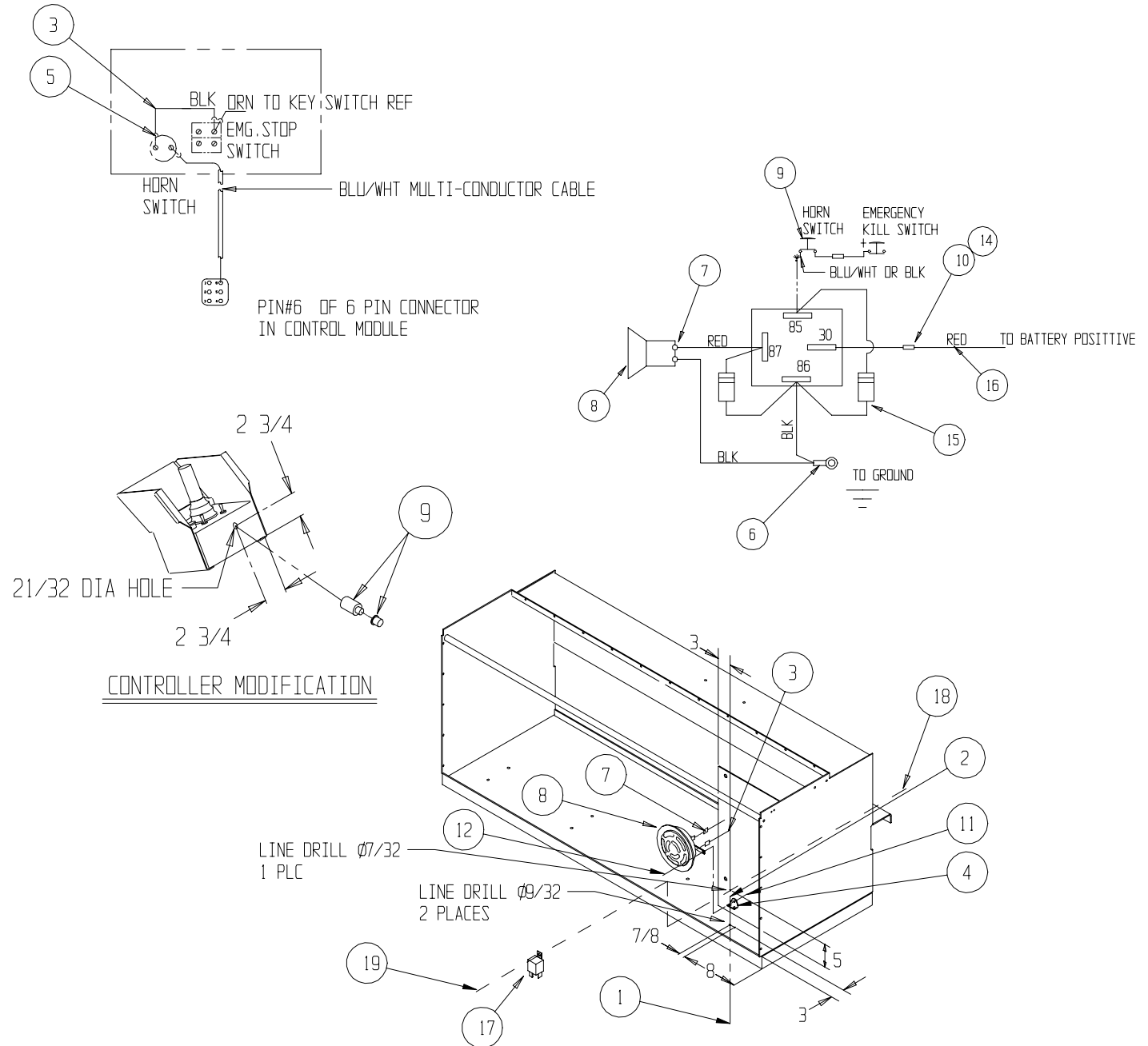
UNLESS OTHERWISE NOTED TORQUE
FASTENERS TO UPRIGHT SPEC. #105

Horn – Option

067908-001

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	011252-008	SCREW HHC 1/4-20 X 1	2
2	011248-004	NUT HEX 1/4-20	2
3	029452-099	WIRE 16 GA BLACK	FT 75
4	067902-000	BRACKET, GAS SPRING	1
5	029610-002	CONNECTOR FORK	3
6	029601-014	CONNECTOR RING	2
7	029615-002	CONECTOR PUSH	2
8	029958-001	HORN 12VDC	1
9	063917-000	SWITCH PUSHBUTTON	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
10	029704-007	FUSE, 7-1/2 AMP	1
11	011248-005	NUT HEX ESNA 5/16-18	1
12	011253-008	SCREW HHC 5/16-18UNC X 1	1
14	029702-000	FUSE HOLDER	1
15	029825-002	DIODE, 5 AMP 400V	2
16	029454-099	WIRE 16 GA RED	FT 3
17	068132-001	RELAY, AUTOMOTIVE	1
18	011249-003	LOCKNUT HEX 10-32	1
19	011826-005	SCREW RND HD 10-32	1

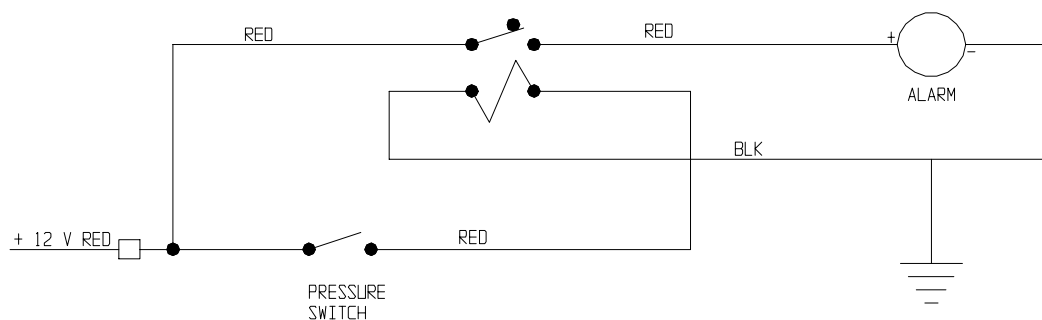
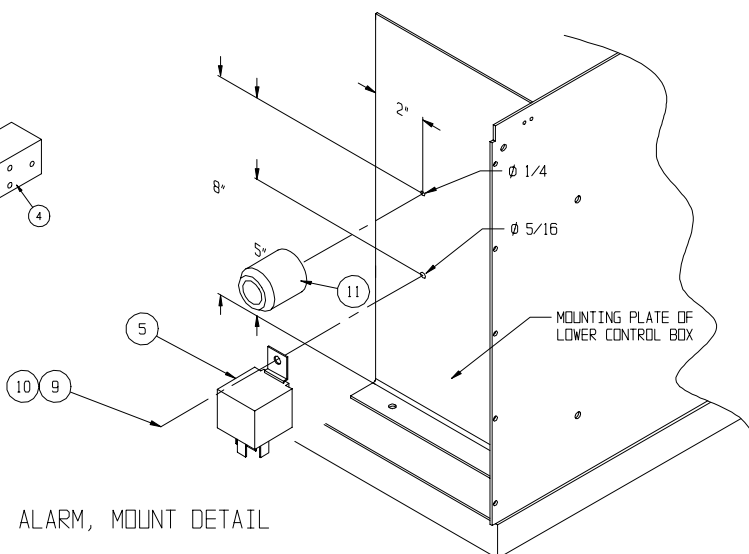
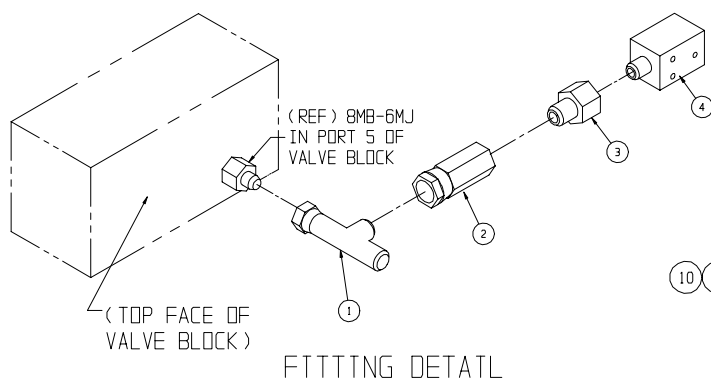
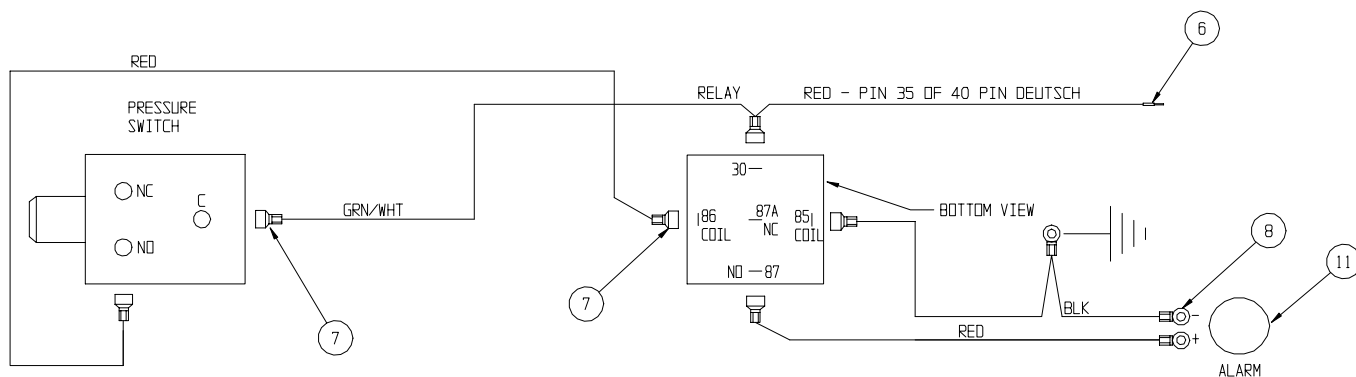


Lift Overload – Option

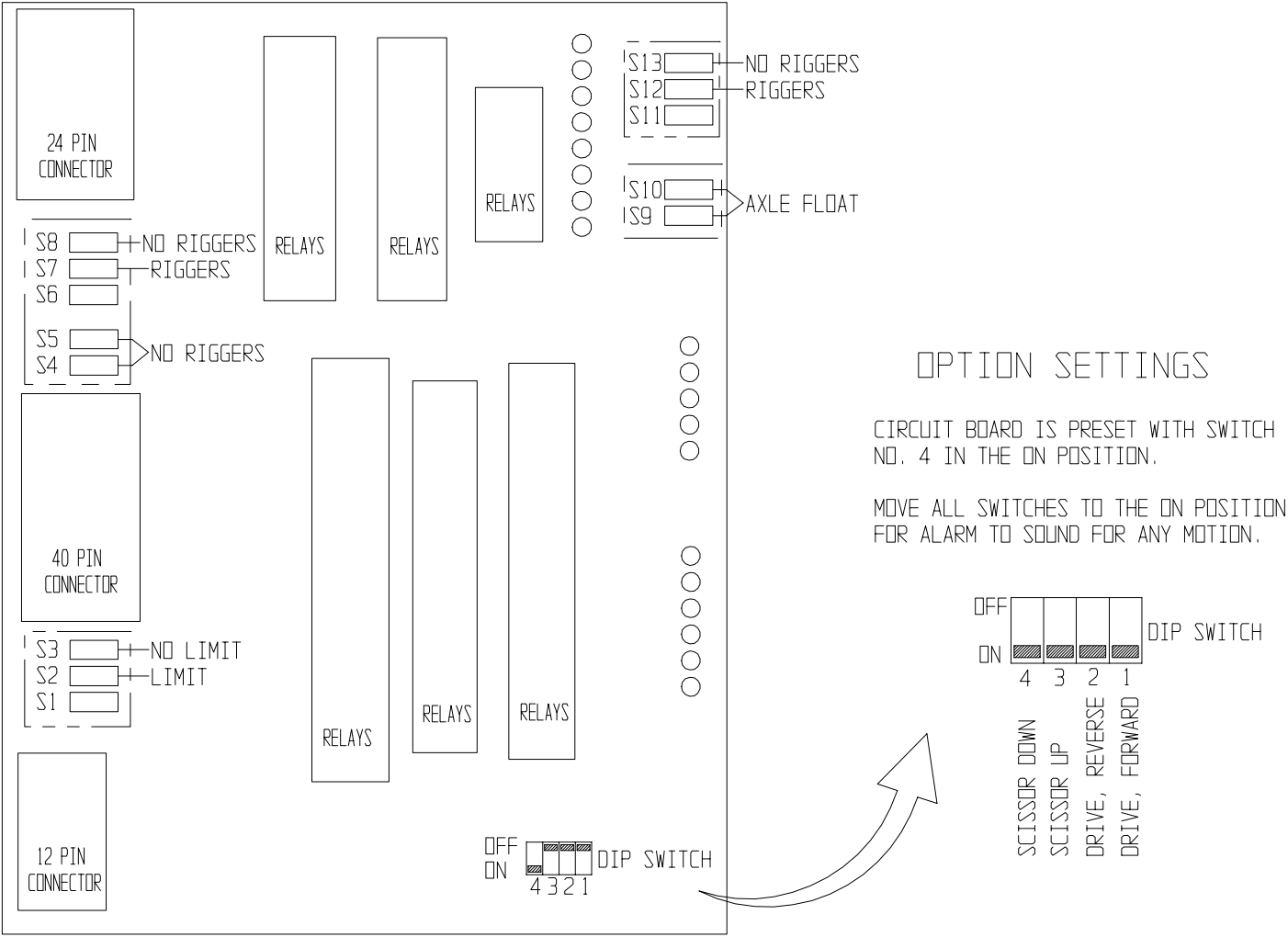
030916-010

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	020733-002	TEE, 6FJX-6MJ-6MJ	1
2	014048-001	ADAPTER, 6FJX-6FP	1
3	011923-003	ADAPTER, 6MP-4FP	1
4	063921-004	PRESSURE SWITCH	1
5	068132-001	RELAY 12V-DC	1
6	014914-001	CONN. MALE PUSH 16-14 AWG .25 TAB	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
7	029931-003	CONN. FEMALE PUSH 16-14 AWG .25 TAB	7
8	029601-013	CONN. RING #10 16-14 AWG	3
9	011252-006	SCREW, HHCS 1/4-20 X 3/4 HHCS	1
10	011248-004	NUT ESNA 1/4-20	1
11	066807-003	ALARM 12V	1



Motion Alarm Settings – Option
067909-010



LOWER CONTROL BOX CIRCUIT BOARD

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
207	000942-000	ORBIT LEVEL	1
208	005133-000	SPRING	3
209	011721-008	SCREW, RND HD, MACH., 4-40 X 1	3
211	014924-008	U-BOLT	2
212	011248-049	NUT, HEX, 4-40, ESNA	3
213	020733-005	TEE, 12FJ-12MJ-6MJ	2
214	014693-003	ADAPTER, 12FJ-6MJ	2
215	011941-001	4MB-4MJ	1
216	067642-009	LABEL-CONTROLLER	1
219	067480-001	LABEL-LED CODES	1
222	066551-003	LABEL-DANGER TIPPING	1
225	067479-000	OUTRIGGER CONTROL CABLE ASSY	1
226	064794-000	LEVEL MOUNT	1
301	067492-024	WIRE HARNESS, OUTRIGGER	1
303	067479-001	WIRE HARNESS, OUTRIGGER LIGHT	1
401	029610-002	CONNECTOR FORK TERM 16-14 GA #8	5
402	029620-002	CONNECTOR BUTT 16-14 GA	5
403	029616-001	CONNECTOR FEMALE PUSH 16-14 GA	4
404	029601-013	CONN RING 16-14 GA #10	10
405	029454-099	WIRE 16 GA RED/WHT	1 FT
406	029825-002	DIODE	1

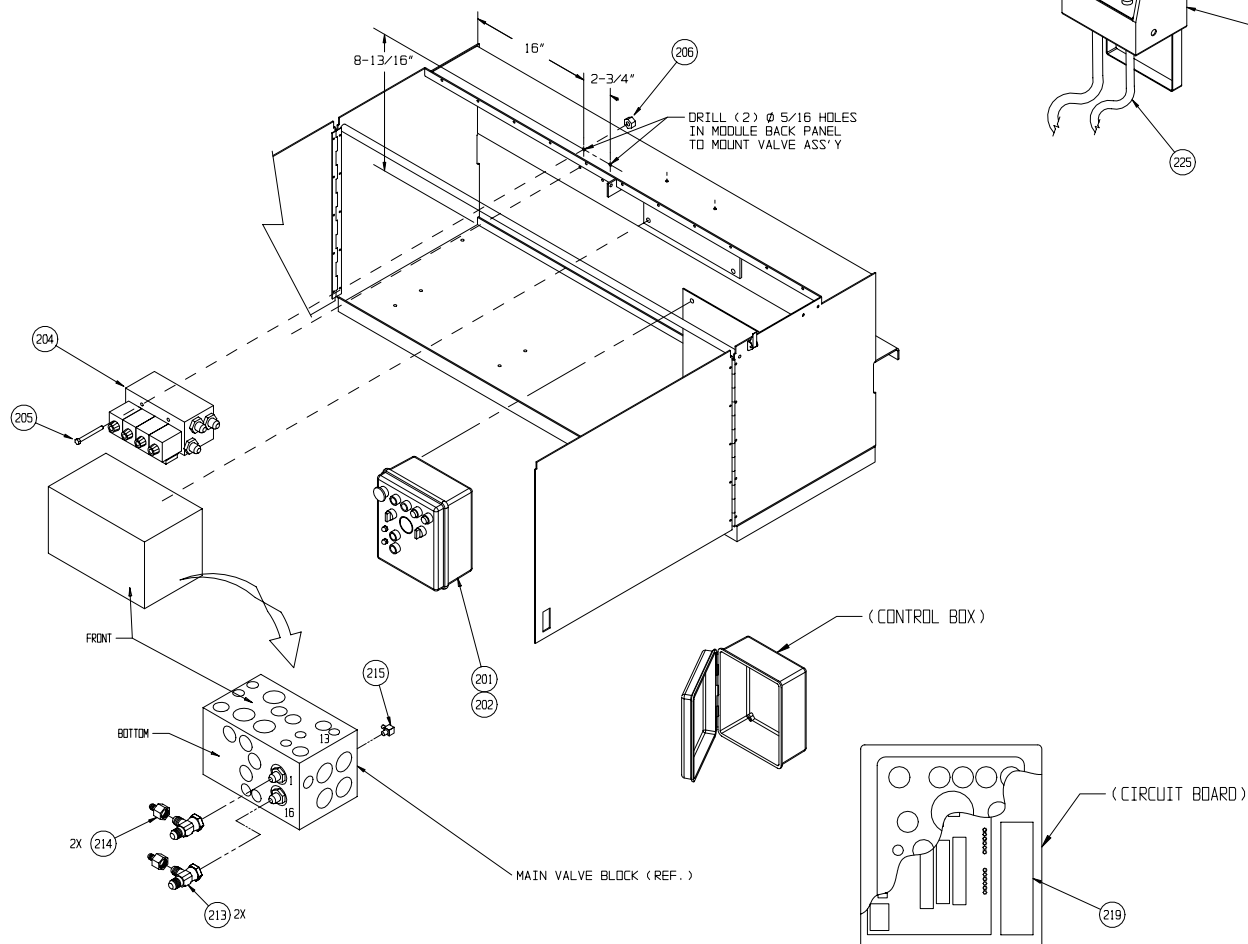
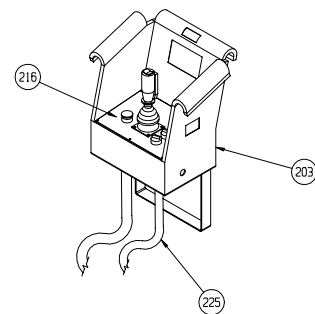
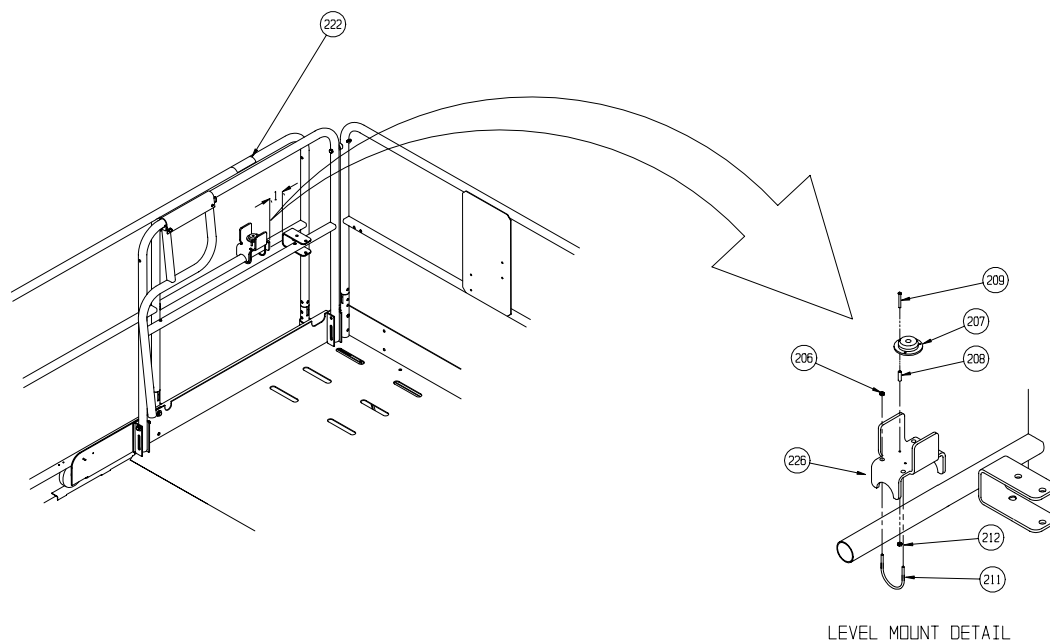
Drawing 1 of 4

NOTES

1. UNLESS OTHERWISE SPECIFIED, ALL THREADED FASTENERS TO BE TORQUED PER UPRIGHT SPEC. NO. 105
2. UNLESS OTHERWISE SPECIFIED, ALL FITTINGS TO BE TORQUED PER UPRIGHT SPEC. NO. 106

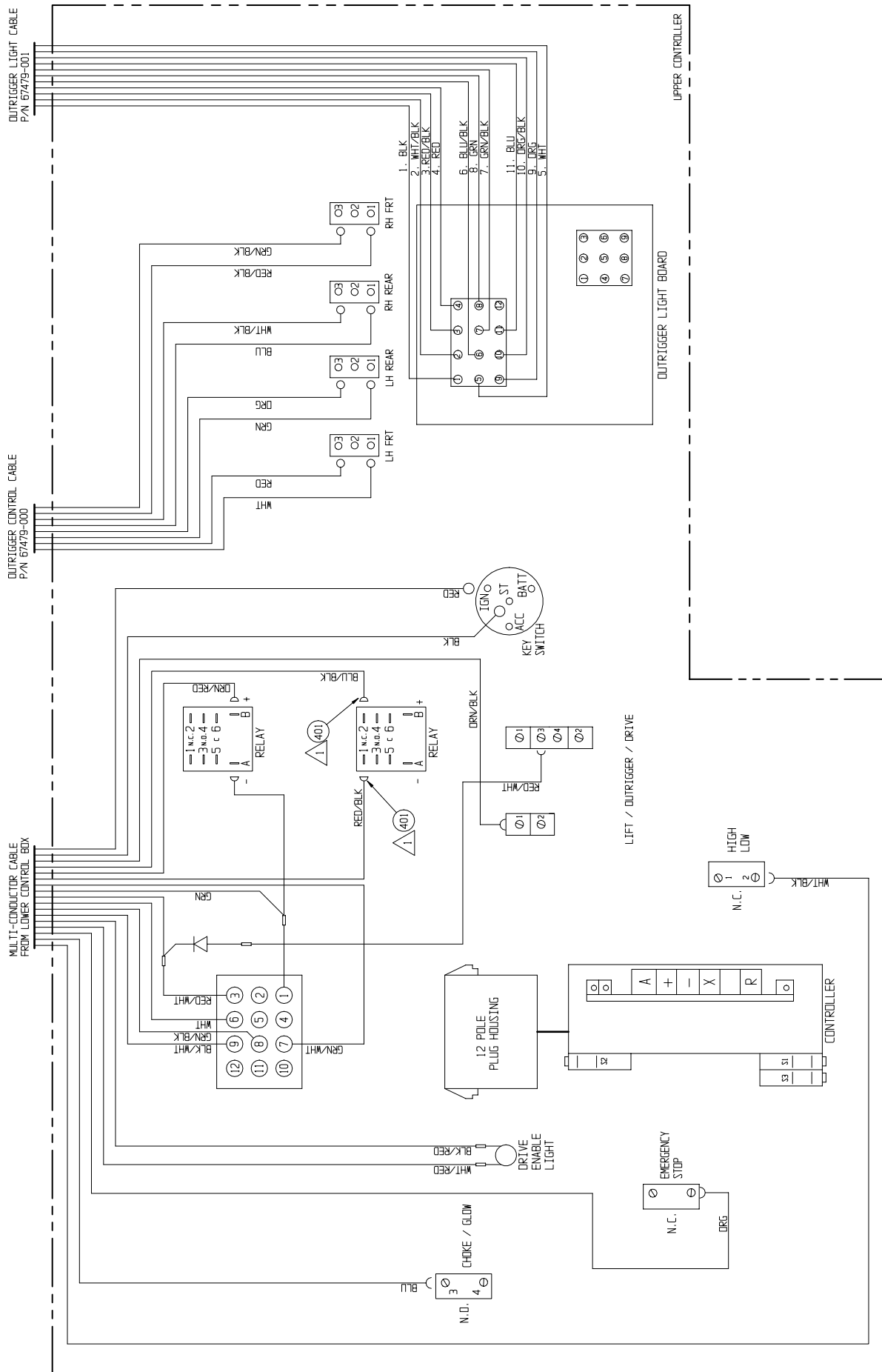
The diagram is an exploded view of a vehicle chassis assembly. It shows the main chassis rails, crossmembers, and various mounting brackets. Key components are labeled with circled numbers: 1 (chassis rail), 2 (crossmember), 3 (bracket), 4 (bracket), 5 (bracket), 6 (bracket), 7 (bracket), 8 (bracket), 9 (bracket), 10 (bracket), 11 (bracket), 12 (bracket), 13 (bracket), 14 (bracket), 15 (bracket), 16 (bracket), 17 (bracket), 18 (bracket), 19 (bracket), 20 (bracket), 21 (bracket), 22 (bracket), 23 (bracket), 24 (bracket), 25 (bracket), 26 (bracket), 27 (bracket), 28 (bracket), 29 (bracket), 30 (bracket), 31 (bracket), 32 (bracket), 33 (bracket), 34 (bracket), 35 (bracket), 36 (bracket), 37 (bracket), 38 (bracket), 39 (bracket), 40 (bracket), 41 (bracket), 42 (bracket), 43 (bracket), 44 (bracket), 45 (bracket), 46 (bracket), 47 (bracket), 48 (bracket), 49 (bracket), 50 (bracket), 51 (bracket), 52 (bracket), 53 (bracket), 54 (bracket), 55 (bracket), 56 (bracket), 57 (bracket), 58 (bracket), 59 (bracket), 60 (bracket), 61 (bracket), 62 (bracket), 63 (bracket), 64 (bracket), 65 (bracket), 66 (bracket), 67 (bracket), 68 (bracket), 69 (bracket), 70 (bracket), 71 (bracket), 72 (bracket), 73 (bracket), 74 (bracket), 75 (bracket), 76 (bracket), 77 (bracket), 78 (bracket), 79 (bracket), 80 (bracket), 81 (bracket), 82 (bracket), 83 (bracket), 84 (bracket), 85 (bracket), 86 (bracket), 87 (bracket), 88 (bracket), 89 (bracket), 90 (bracket), 91 (bracket), 92 (bracket), 93 (bracket), 94 (bracket), 95 (bracket), 96 (bracket), 97 (bracket), 98 (bracket), 99 (bracket), 100 (bracket). Dimensions are provided for various parts: (4WD) 28" for the front suspension, (4WD) 10'-2" REF for the chassis length, 3/8" for the chassis rail thickness, 1/2" for the chassis rail height, and 3/8" for the chassis rail width. A note indicates that the bottom plate should be welded to the chassis in 4 places. A weld detail is shown for the chassis rail, indicating a 3/8" x 1/2" x 3/8" weld. A note indicates that the weld detail should be noted.

WELD DETAIL





Drawing 4 of 4

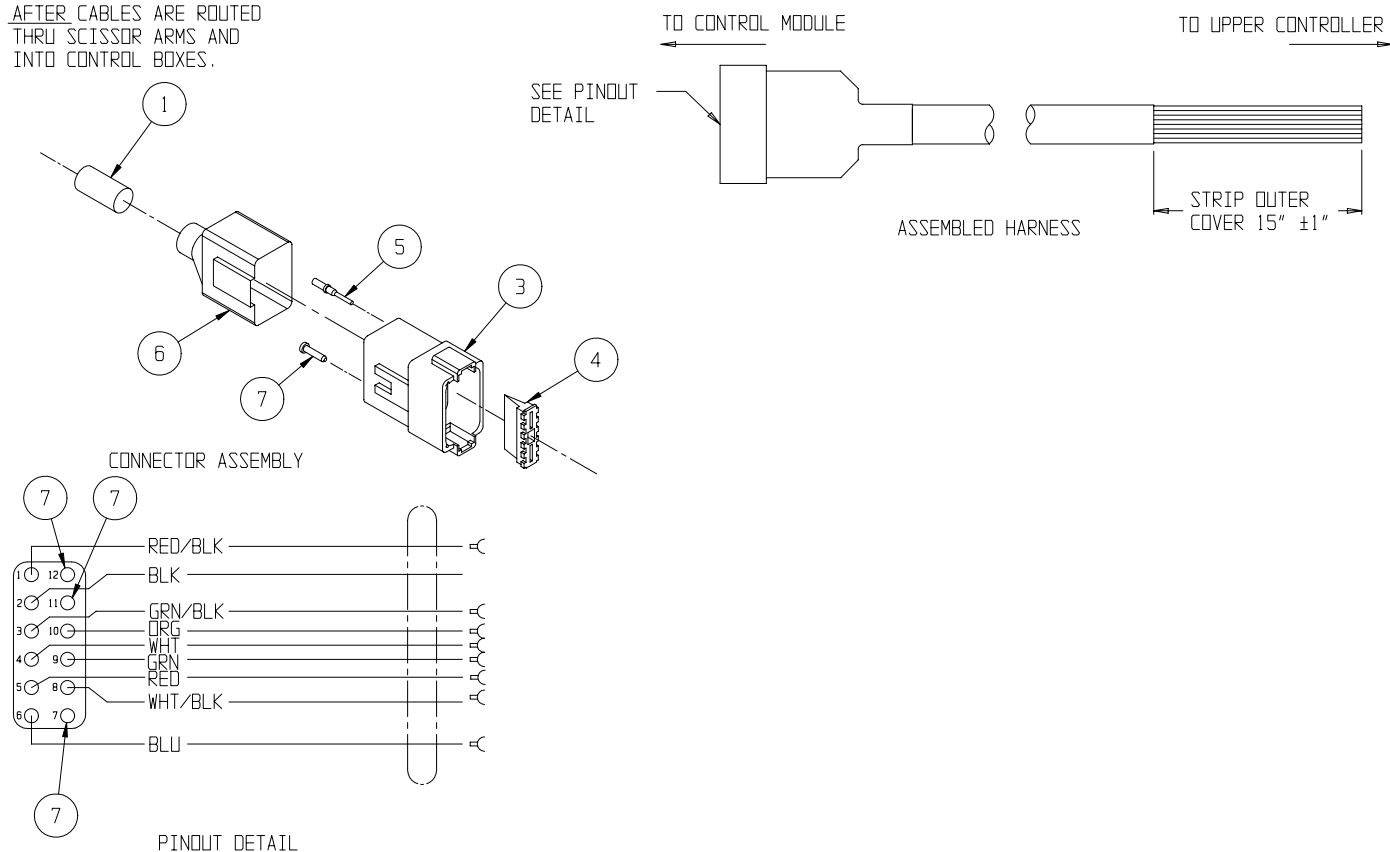


Outrigger Control Cable Assembly – Option 067479-000

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	005469-099	CABLE, 16/9 CONDUCTOR	90 FT
2	029610-012	CONN FORK TERM 16-14 GA #8	8
3	068760-001	DT CONNECTOR, RECEPTACLE, # DT04-12P	1
4	068761-000	LOCKING WEDGE, RECEPTACLE, # W12P	1
5	015790-004	CONTACT PIN, 16-18 AWG	9
6	068908-001	BOOT ELECT. RECEPTACLE, # DT-12-P-BT	1
7	068764-000	PLUG-CONNECTOR SEAL	3

NOTES: UNLESS OTHERWISE SPECIFIED

1. CRIMP ON PINS AND CONNECTORS ARE INSTALLED AFTER CABLES ARE ROUTED THRU SCISSOR ARMS AND INTO CONTROL BOXES.



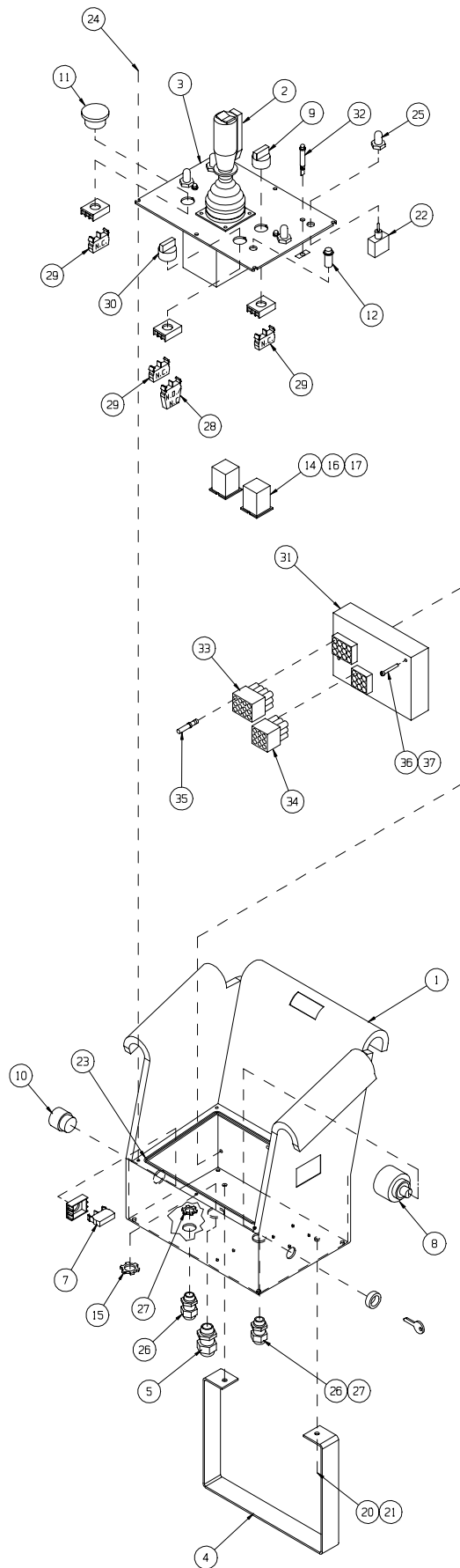
Controller Assembly, Outrigger – Option

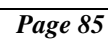
067528-013

Drawing 1 of 2

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	067487-000	LX CONTROL BOX	1
2	067643-001	CONTROLLER, PROPORTIONAL 12V	1
*	015772-001	SWITCH, MICRO	3
*	066544-014	SWITCH, STEERING	2
*	063913-003	BOOT, STEERING SWITCH	1
*	063913-004	ROCKER ASSEMBLY	1
*	066544-010	HANDLE, 2 PIECE	1
*	066544-011	LEVER, INTERLOCK	1
*	066544-013	BOOT, CONTROL HANDLE SHAFT	1
*	066544-015	FLANGE, CONTROLLER MOUNTING	1
3	067486-001	COVER PLATE, CONTROLLER BOX	1
4	067483-000	CONTROLLER SUPPORT	1
5	029925-010	CABLE CONNECTOR, 3/4"	1
7	066805-010	CONTACT BLOCK, N.O.	1
8	064666-000	KEY SWITCH	1
9	066805-002	SELECTOR SWITCH	1
10	066805-018	PUSH BUTTON MOM. BLK.	1
11	066805-006	MUSHROOM BUTTON	1
12	068133-000	INDICATOR LIGHT	1
14	063951-001	RELAY	2
15	029939-003	CONDUIT NUT, 3/4"	1
16	011248-047	LOCKNUT, #6-32	2
17	011715-004	SCREW, #6-32 X 1/2	2
20	011252-006	SCREW, 1/4-20 UNC, HEX HD CAP X 3/4	2
21	011248-004	LOCKNUT, 1/4-20 UNC, HEX	2
22	012798-000	TOGGLE SWITCH SPOT-MOMENTARY	4
23	068889-099	WEATHERSTRIP 1/2 X 3/16 FOAM	3 FT.
24	010952-004	SCREW, BUTT. HD, TORX, 10-24 UNC X 1/2	6
25	029872-000	SWITCH BOOT	4
26	029925-000	CABLE CONNECTOR, 1/2, NPT	2
27	029939-002	NUT, LOCK, 1/2, NPT	2
28	066805-012	CONTACT BLOCK N.O. / N.C.	2
29	066805-011	CONTACT BLOCK N.C.	2
30	066805-019	SELECTOR SWITCH 3 POS.	1
31	108052-003	OUTRIGGER LIGHT BOARD-12V	1
32	102294-002	INDICATOR LIGHT W/CLIP	4
33	108139-001	RECEPTACLE, 12 POSITION, MOLEX	1
34	108139-000	RECEPTACLE, 9 POSITION, MOLEX	1
35	108139-010	PIN, 20-14 GA. MOLEX	20
36	011709-012	SCR, RD HD #10-24 UNC X 1-1/2	2
37	011248-003	LOCKNUT, HEX #10-24 UNC ESNA	2
100	029610-018	CONNECTOR FORK TERM 12-10 GA. #8	4
101	029620-002	CONNECTOR, BUTT. 16-14 GA.	8
102	029616-001	CONNECTOR FEMALE PUSH 16-14 GA. X .187	15
103	063956-003	PLUG, HOUSING	1
104	063956-010	PIN, CONTACT MALE	3
105	029452-099	WIRE 16 GA. BLACK	2 FT
106	029450-099	WIRE 16 GA. BLUE	3 FT
107	029451-099	WIRE 16 GA. WHITE	3 FT
108	029453-099	WIRE 16 GA. ORG	1 FT
109	029477-099	WIRE 16 GA. ORG/BLK	1 FT
110	029454-099	WIRE 16 GA. RED	2 FT
111	029457-099	WIRE 16 GA. GREEN	3 FT
112	029478-099	WIRE 16 GA. RED/GREEN	3 FT
113	05491-099	WIRE 16 GA. GREEN/BLACK	3 FT
114	029479-099	WIRE 16 GA. WHITE/BLACK	3 FT
115	029610-002	CONN FORK 14-16 GA #8	4
116	029601-013	CONN RING 14-16 GA #10	6

* Not shown



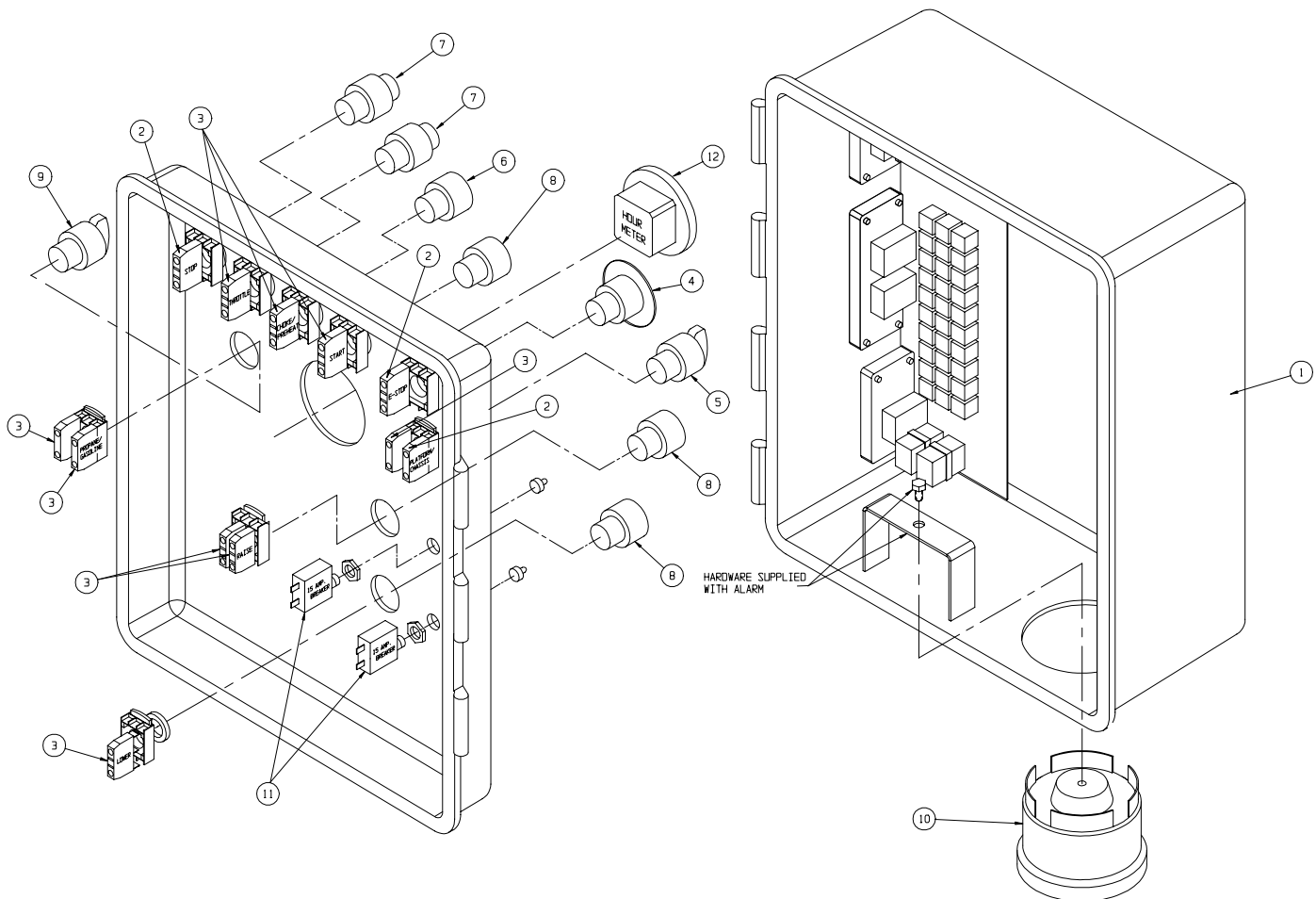


Lower Control Box, Dual Fuel - With Outriggers – Option 067491-003

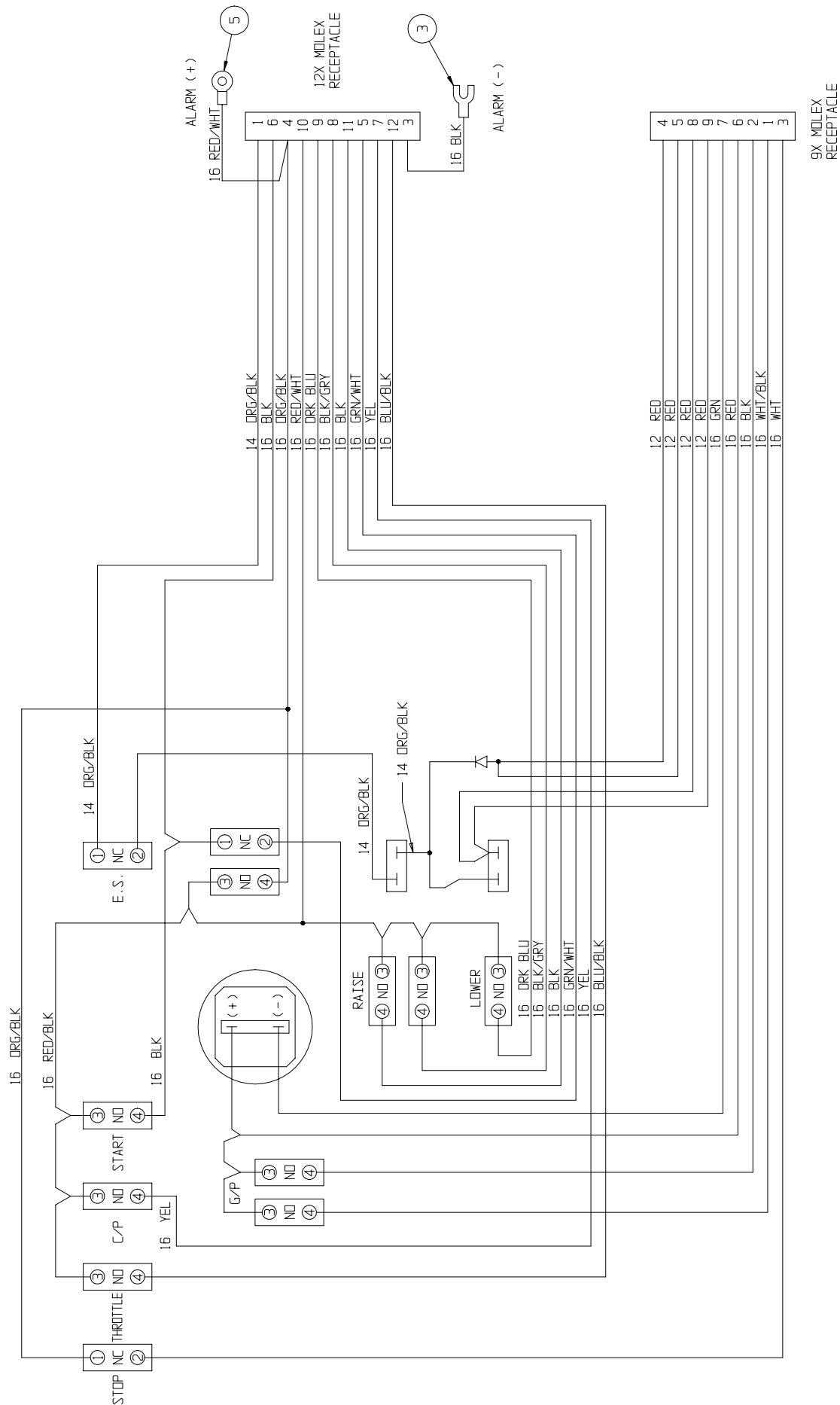
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
Lower Control Box (Drawing 1 of 2)			
1	069140-001	ENCLOSURE LX BOX	1
*	067491-012	PC BOARD	1
2	066805-011	CONTACT BLOCK N.C.	3
3	066805-010	CONTACT BLOCK N.O.	9
4	066805-006	EMERGENCY STOP	1
5	066805-002	2 POSITION SELECTOR SWITCH	1
6	066805-018	BLK STANDARD PUSH BUTTON	1
7	066805-017	RED STANDARD PUSH BUTTON	2
8	066805-016	GRN STANDARD PUSH BUTTON	3
9	066805-003	3 POSITION SELECTOR	1
10	066807-001	ALARM, 107DB	1
11	029868-007	15 AMP-CIRCUIT BREAKER	2
12	015752-000	HOUR-METER	1
Wiring Diagram (Drawing 2 of 2)			
1	029616-002	CONN. FEMALE PUSH 16-14 .25 TAB	12
2	029616-003	CONN. FEMALE PUSH 10-12 .25 TAB	2

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
3	029610-002	CONN. FORK 16-14 #8	21
5	029601-012	CONN. RING TERM 16-14 #8	1
6	029470-099	WIRE, 12 AWG RED	5 FT
7	029457-099	WIRE, 16 AWG GREEN	1.5 FT
8	029454-099	WIRE, 16 AWG RED	1.5 FT
9	029452-099	WIRE, 16 AWG BLACK	5 FT
10	029479-099	WIRE, 16 AWG WHITE/BLACK	1.5 FT
11	029451-099	WIRE, 16 AWG WHITE	1.5 FT
12	029352-099	WIRE, 16 AWG RED/WHITE	2.5 FT
13	-	WIRE, 14 AWG ORANGE/BLACK	2.5 FT
14	029450-099	WIRE, 16 AWG DARK BLUE	1.5 FT
15	029477-099	WIRE, 16 AWG ORANGE/BLACK	3 FT
16	-	WIRE, 16 AWG BLACK/GREY	1.5 FT
17	029353-099	WIRE, 16 AWG GREEN/WHITE	1.5 FT
18	029456-099	WIRE, 16 AWG YELLOW	1.5 FT
19	029475-099	WIRE, 16 AWG BLUE/BLACK	1.5 FT

Drawing 1 of 2



Drawing 2 of 2

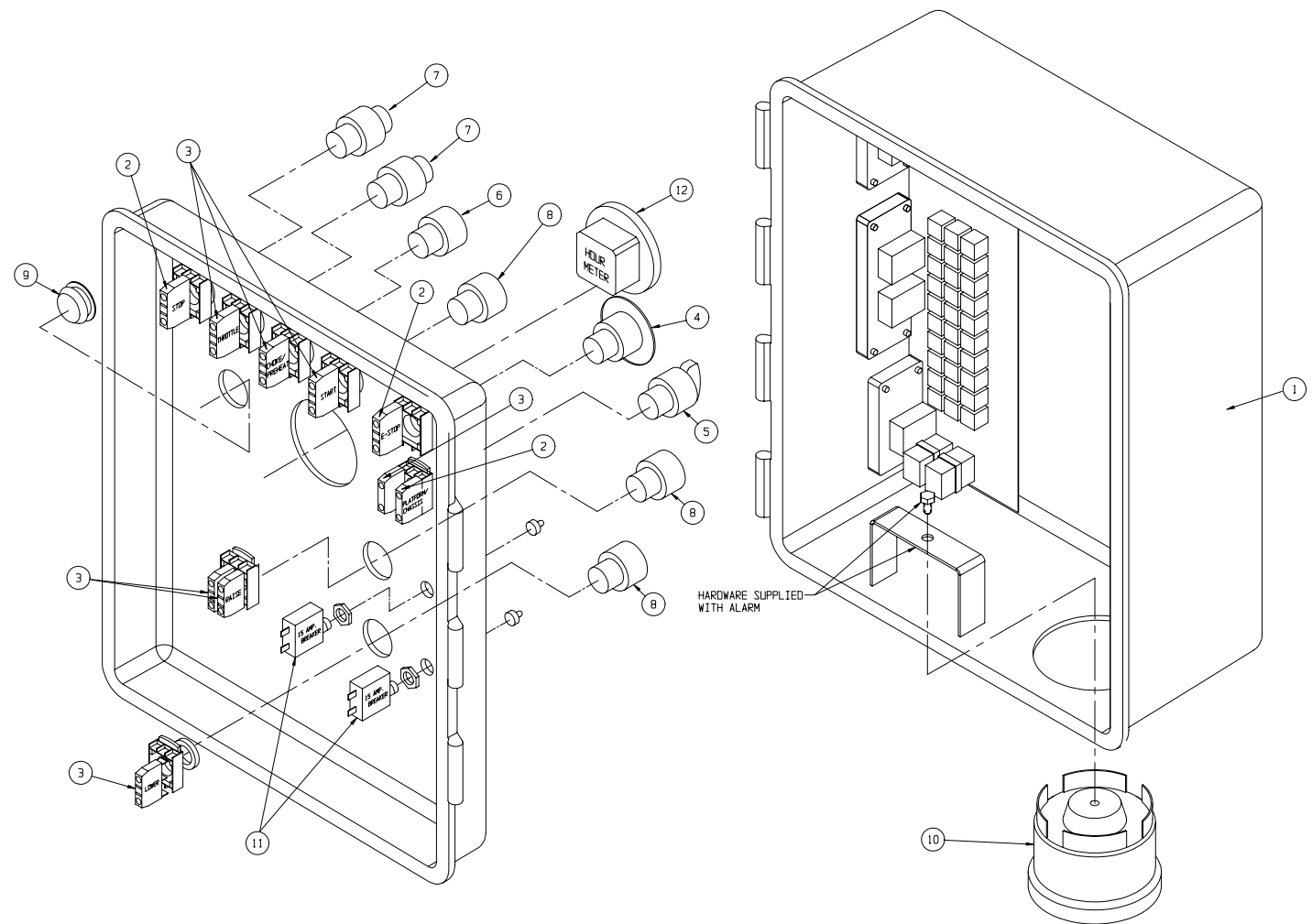


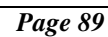
Lower Control Box, Diesel - With Outriggers – Option
067491-004

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
Lower Control Box (Drawing 1 of 2)			
1	069140-001	ENCLOSURE LX BOX	1
*	067491-012	PC BOARD	1
2	066805-011	CONTACT BLOCK N.C.	3
3	066805-010	CONTACT BLOCK N.O.	7
4	066805-006	EMERGENCY STOP	1
5	066805-002	2 POSITION SELECTOR SWITCH	1
6	066805-018	BLK STANDARD PUSH BUTTON	1
7	066805-017	RED STANDARD PUSH BUTTON	2
8	066805-016	GRN STANDARD PUSH BUTTON	3
9	064462-007	CAP PLUG, Ø 7/8	1
10	066807-001	ALARM, 107DB	1
11	029868-007	15 AMP-CIRCUIT BREAKER	2
12	015752-000	HOURL-METER	1
Wiring Diagram (Drawing 2 of 2)			
1	029616-002	CONN. FEMALE PUSH 16-14 .25 TAB	12
2	029616-003	CONN. FEMALE PUSH 10-12 .25 TAB	2

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
3	029610-002	CONN. FORK 16-14 #8	21
5	029601-012	CONN. RING TERM 16-14 #8	1
6	029470-099	WIRE, 12 AWG RED	5 FT
7	029457-099	WIRE, 16 AWG GREEN	1.5 FT
8	029454-099	WIRE, 16 AWG RED	1.5 FT
9	029452-099	WIRE, 16 AWG BLACK	5 FT
10	029479-099	WIRE, 16 AWG WHITE/BLACK	1.5 FT
11	029451-099	WIRE, 16 AWG WHITE	1.5 FT
12	029352-099	WIRE, 16 AWG RED/WHITE	2.5 FT
13	-	WIRE, 14 AWG ORANGE/BLACK	2.5 FT
14	029450-099	WIRE, 16 AWG DARK BLUE	1.5 FT
15	029477-099	WIRE, 16 AWG ORANGE/BLACK	3 FT
16	-	WIRE, 16 AWG BLACK/GREY	1.5 FT
17	029353-099	WIRE, 16 AWG GREEN/WHITE	1.5 FT
18	029456-099	WIRE, 16 AWG YELLOW	1.5 FT
19	029475-099	WIRE, 16 AWG BLUE/BLACK	1.5 FT

Drawing 1 of 2



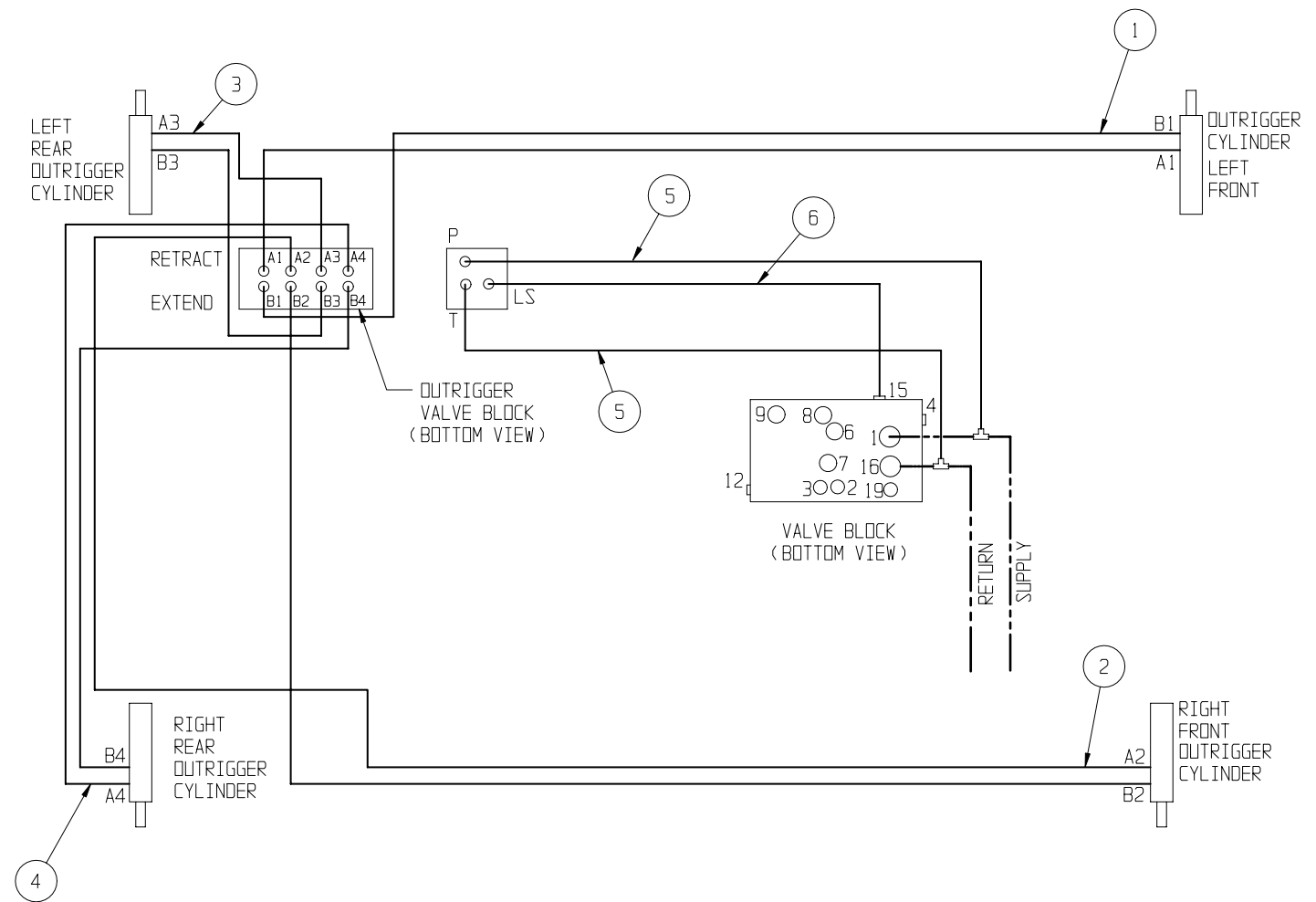


Hose Installation, LX Outrigger – Option

067953-020

ITEM	PART NO.	DESCRIPTION	QTY
1	062192-088	1/4 HOSE ASSY X 88 6FJX-6FJX	2
2	062192-126	1/4 HOSE ASSY X 126 6FJX-6FJX	2
3	062192-035	1/4 HOSE ASSY X 137 6FJX-6FJX	2

ITEM	PART NO.	DESCRIPTION	QTY
4	062192-036	1/4 HOSE ASSY X 176 6FJX-6FJX	2
5	062192-032	1/4 HOSE ASSY X 24 6FJX-6FJX	2
6	065234-005	1/4 HOSE ASSY X 26 4FJX-4FJX	1

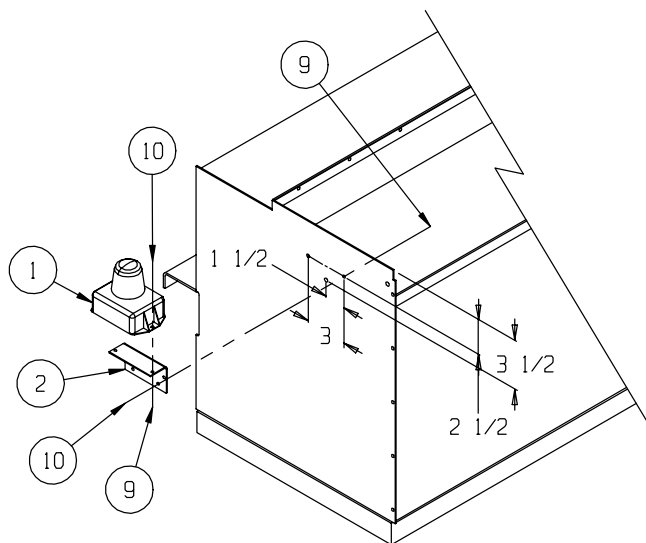
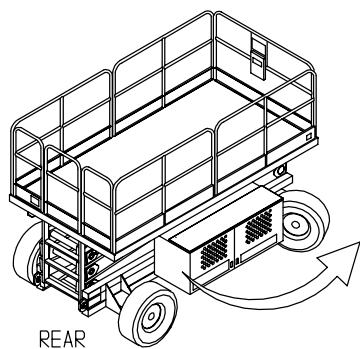
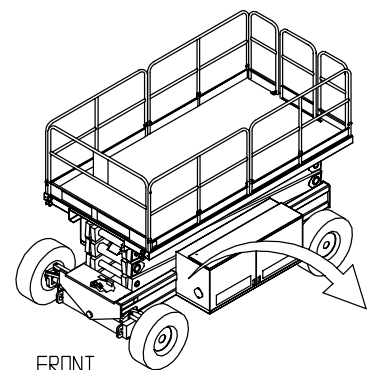
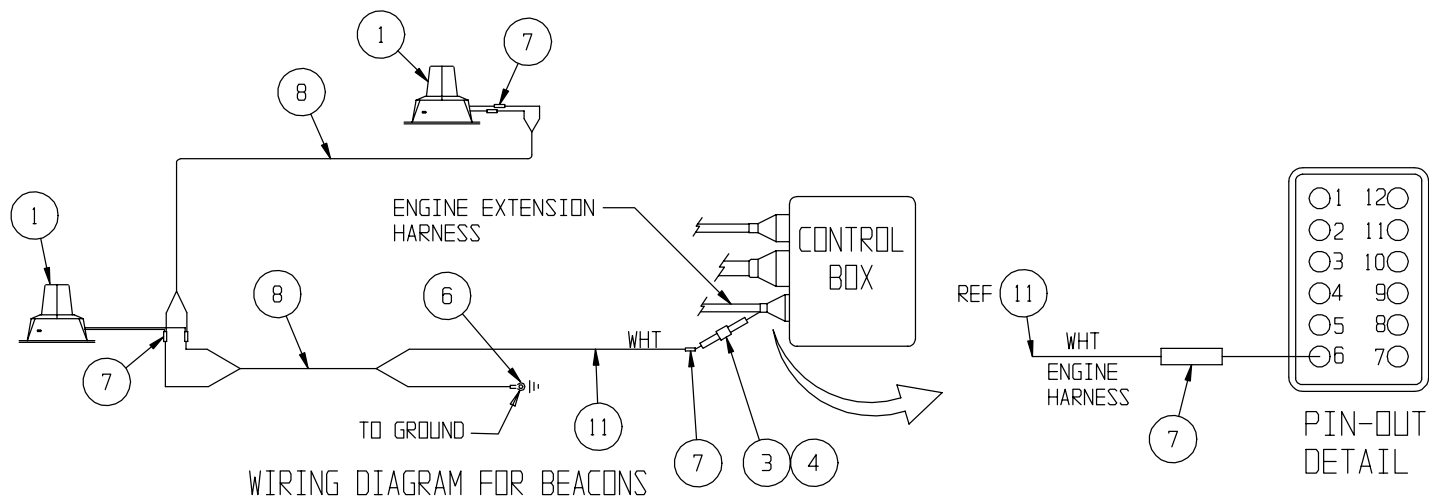


Amber Beacon – Option

067947-010

ITEM	PART NO.	PART/MATERIAL DESCRIPTIN	QTY.
1	012848-004	LIGHT 12-24 VOLT	2
2	063193-000	LIGHT BRACKET	2
3	029702-000	FUSE HOLDER	1
4	029704-002	FUSE 2 AMP	1
6	029601-013	CONN RING 16-14 #10	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTIN	QTY.
7	029620-002	CONN BUTT 16-14	6
8	029496-099	WIRE 16 AWG 2 COND	18 FT
9	011249-003	NUT HEX ESNA #10-32	4
10	011826-004	SCREW MACH.RD.HD. #10-32 X 1/2	4
11	029451-099	WIRE, 16 GA., WHITE	6 FT

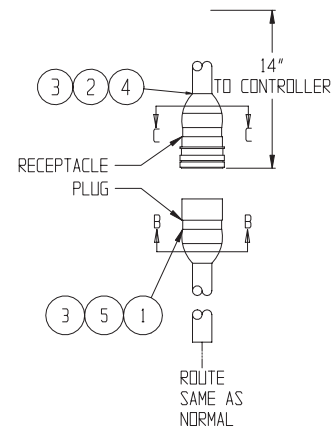


Removable Controller – Option

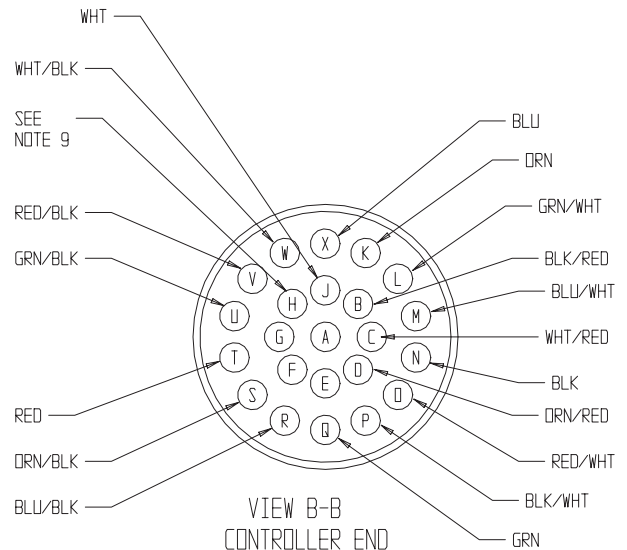
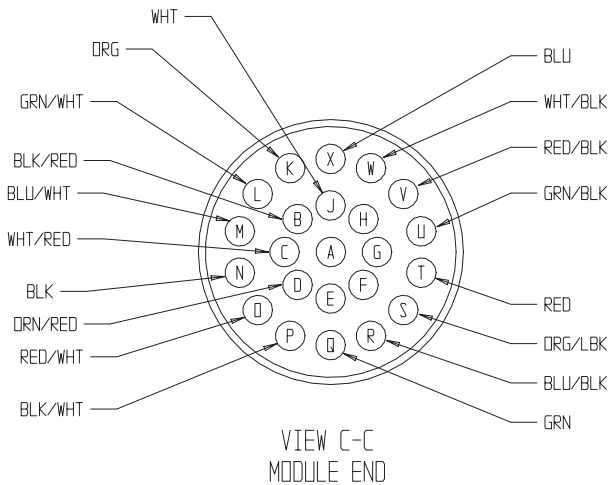
061898-011

ITEM	PART NO.	DESCRIPTION	QTY
1	065926-010	PLUG CONNECTOR	1
2	015790-004	PIN CONTACT	18
3	068764-000	SEALING PLUG	10
4	065926-015	RECEPTACLE CONNECTOR	1
5	015790-003	SOCKET CONTACT	18

1. CUT OFF CONTROL CABLE 14 INCHES BELOW STRAIN RELIEF ON CONTROLLER.
2. CUT OUTER CABEL COVER OF LINKAGE CABEL BACK APPROXIMATELY 1-1/2 INCH AND STRIP APPROXIMATELY 1/4 INCH OF EACH END.
3. CRIMP SOCKETS (ITEM 5) ONTO WIRE ENDS AND INSERT INTO PLUG. REF. VIEW B-B.
4. CUT OUTER CABEL COVER OF CONTROLLER END BACK APPROXIMATELY 1-1/2 INCH AND STRIP APPROXIMATELY 1/4 INCH OF EACH END.
5. SLIDE BOOT AND CLAMP ONTO CABLE.
6. CRIMP PINS (ITEM 2) ONTO WIRE ENDS AND INSERT INTO RECEPTACLE. REF. VIEW C-C.
7. CLAMP BOOT TO CONNECTOR.
8. CONNECT CONTROLLER AND TEST MACHINE FOR PROPER FUNCTION.
9. USE TERMINAL " H " FOR HORN OPTION OR IF AUX WIRE IS REQUIRED.



NOTE: USE DEUTSCH #HDT-48-00 HAND CRIMPER FOR WIRE TO PIN/SOCKET.



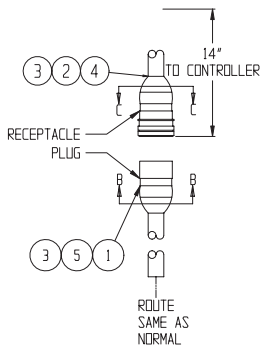
Removable Controller, Outriggers – Option

061898-012

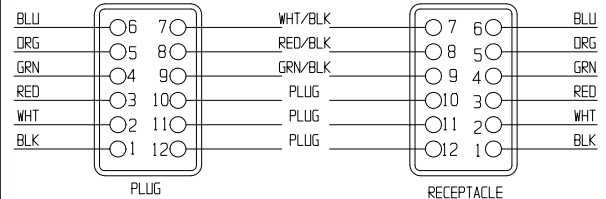
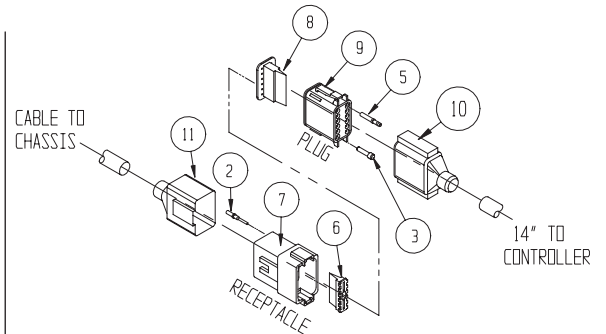
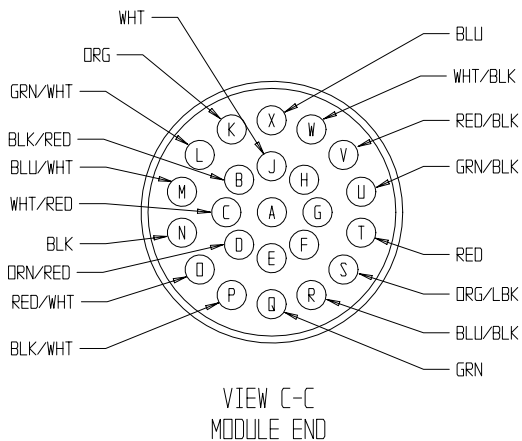
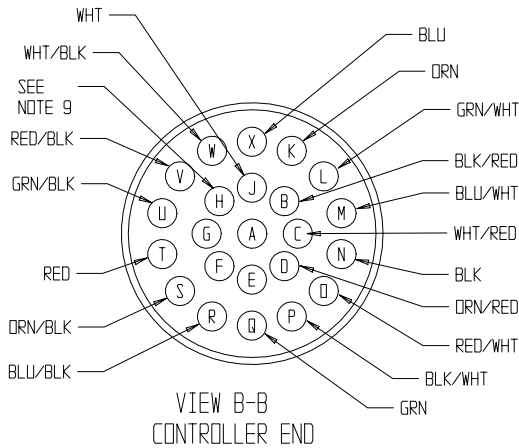
ITEM	PART NO.	DESCRIPTION	QTY
1	065926-010	PLUG CONNECTOR	1
2	015790-004	PIN CONTACT	39
3	068764-000	PLUG SEALING	16
4	065926-015	RECEPTACLE CONNECTOR	1
5	015790-003	SOCKET CONTACT	39
6	068761-000	LOCKING WEDGE-CONN	2

ITEM	PART NO.	DESCRIPTION	QTY
7	068760-001	CONNECTOR-RECEPTACLE	2
8	068761-001	LOCKING WEDGE -CONN	2
9	068760-000	PLUG - CONNECTOR	2
10	068908-000	BOOT ELECT. PLUG	2
11	068908-001	BOOT ELECT. RECEPTACLE	2

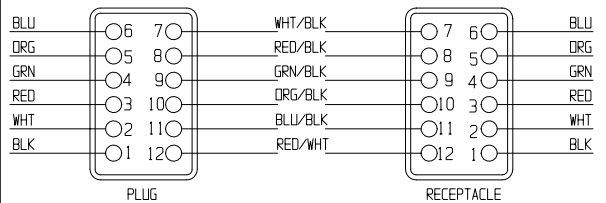
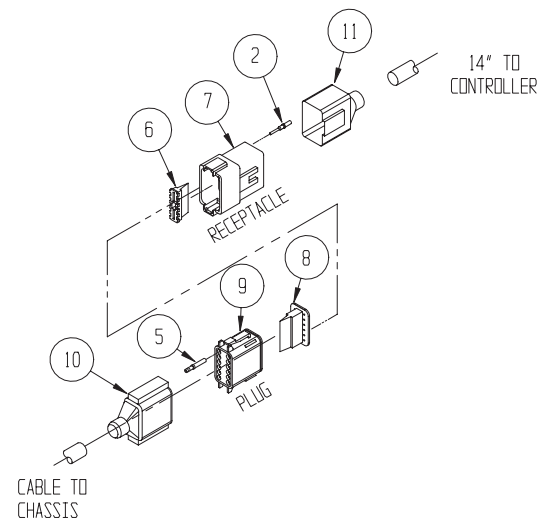
1. CUT OFF CONTROL CABLE 14 INCHES BELOW STRAIN RELIEF ON CONTROLLER.
2. CUT OUTER CABEL COVER OF LINKAGE CABEL BACK APPROXIMATELY 1-1/2 INCH AND STRIP APPROXIMATELY 1/4 INCH OF EACH END.
3. CRIMP SOCKETS (ITEM 5) ONTO WIRE ENDS AND INSERT INTO PLUG. REF. VIEW B-B.
4. CUT OUTER CABEL COVER OF CONTROLLER END BACK APPROXIMATELY 1-1/2 INCH AND STRIP APPROXIMATELY 1/4 INCH OF EACH END.
5. SLIDE BOOT AND CLAMP ONTO CABLE.
6. CRIMP PINS (ITEM 2) ONTO WIRE ENDS AND INSERT INTO RECEPTACLE. REF. VIEW C-C.
7. CLAMP BOOT TO CONNECTOR.
8. CONNECT CONTROLLER AND TEST MACHINE FOR PROPER FUNCTION.
9. USE TERMINAL " H " FOR HORN OPTION OR IF AUX WIRE IS REQUIRED.



NOTE: USE DEUTSCH #HDT-48-00 HAND CRIMPER FOR WIRE TO PIN/SOCKET. USE #DT-RT1 TOOL TO REMOVE WEDGES IN PLUG & RECEPTACLE.



OUTRIGGER CONTROL CABLE



OUTRIGGER INDICATOR LIGHT CABLE

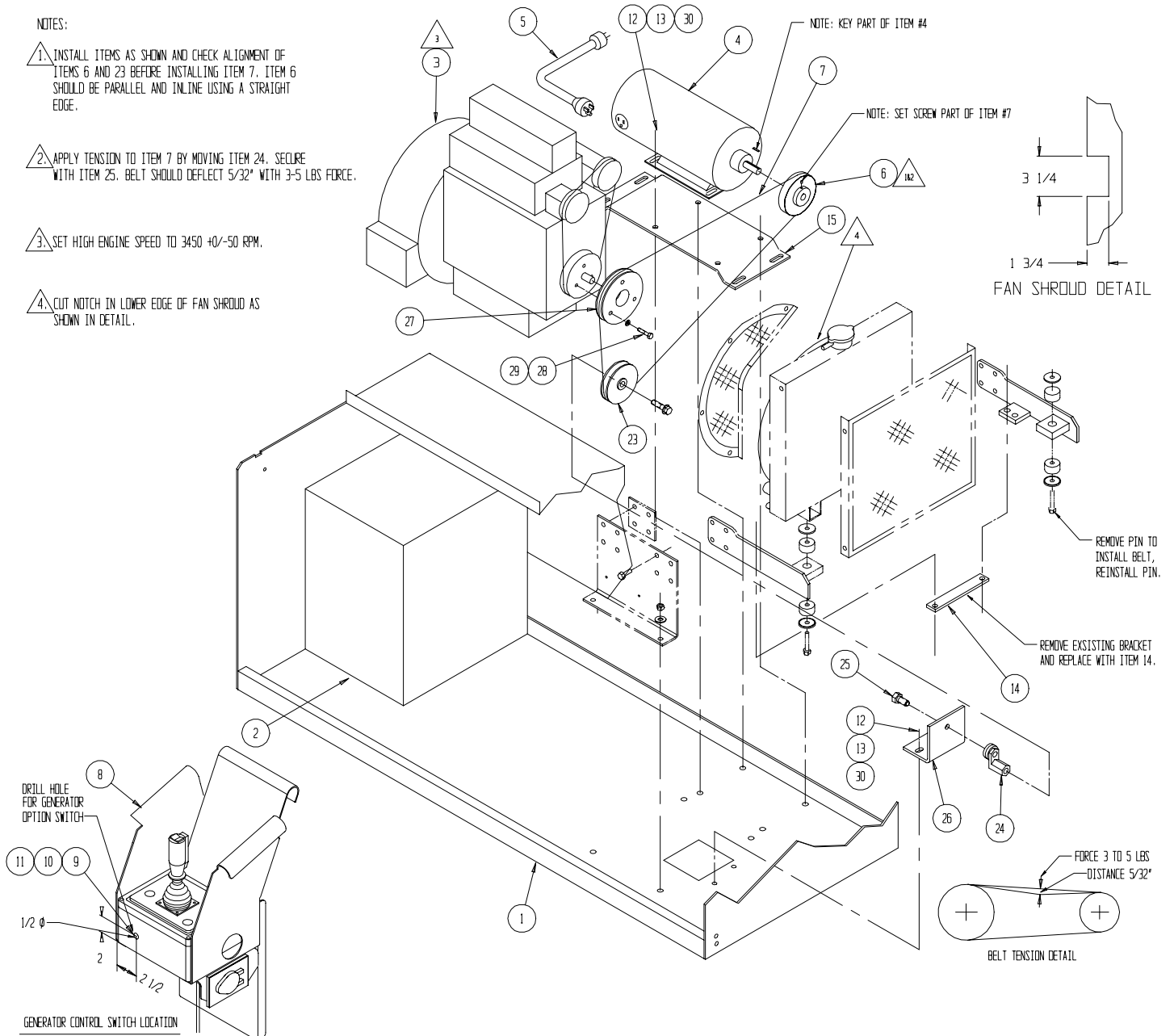
Generator, LX Dual Fuel – Option

067848-000

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	-	MODULE TRAY WELDMENT	REF
2	-	FUEL TANK	REF
3	-	ENGINE	REF
4	027979-000	GENERATOR	1
5	064212-000	CORD ASSY	1
6	063949-045	SHEAVE, WOODS AK46 WITH 5/8 BORE	1
7	011675-070	V-BELT 4L370	1
8	067528-000	CONTROLLER	REF
9	012797-000	SWITCH, TOGGLE	1
10	08271-000	SWITCH GUARD	1
11	064211-000	DECAL, ON-OFF	1
12	011254-010	BOLT 3/8-16 X 1 1/4	10
13	011248-006	ESNT 3/8-16	10
14	064793-000	RADIATOR BRACKET	1
15	065916-000	MOUNTING PLATE, GENERATOR	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
16	029610-004	CONN FORK 16-14 #10	3
17	029825-002	DIODE, 3 AMP	2
18	029620-002	CONN, BUTT 16 GA	3
19	029483-099	WIRE 16 GA RED/WHT	1 FT
20	063956-002	PIN, MALE CONTACT	1
21	029454-099	WIRE, 16 GA	1 FT
22	067907-	POWER TO PLATFORM OPT. (NOT SHOWN)	REF.
23	063969-001	PULLEY, IDLER	1
24	063969-002	PULLEY MOUNT, ECCENTRIC	1
25	011266-008	SCREW HHC 1/2-20 UNF X 1	1
26	064792-000	IDLER BRACKET	1
27	064791-000	SHEAVE	1
28	063961-030	SCREW HHC M8-1.25 X 30	3
29	011238-005	WASHER 5/16 SPLIT LOCK	3
30	011240-006	WASHER 3/8 FLAT	10

Drawing 1 of 2





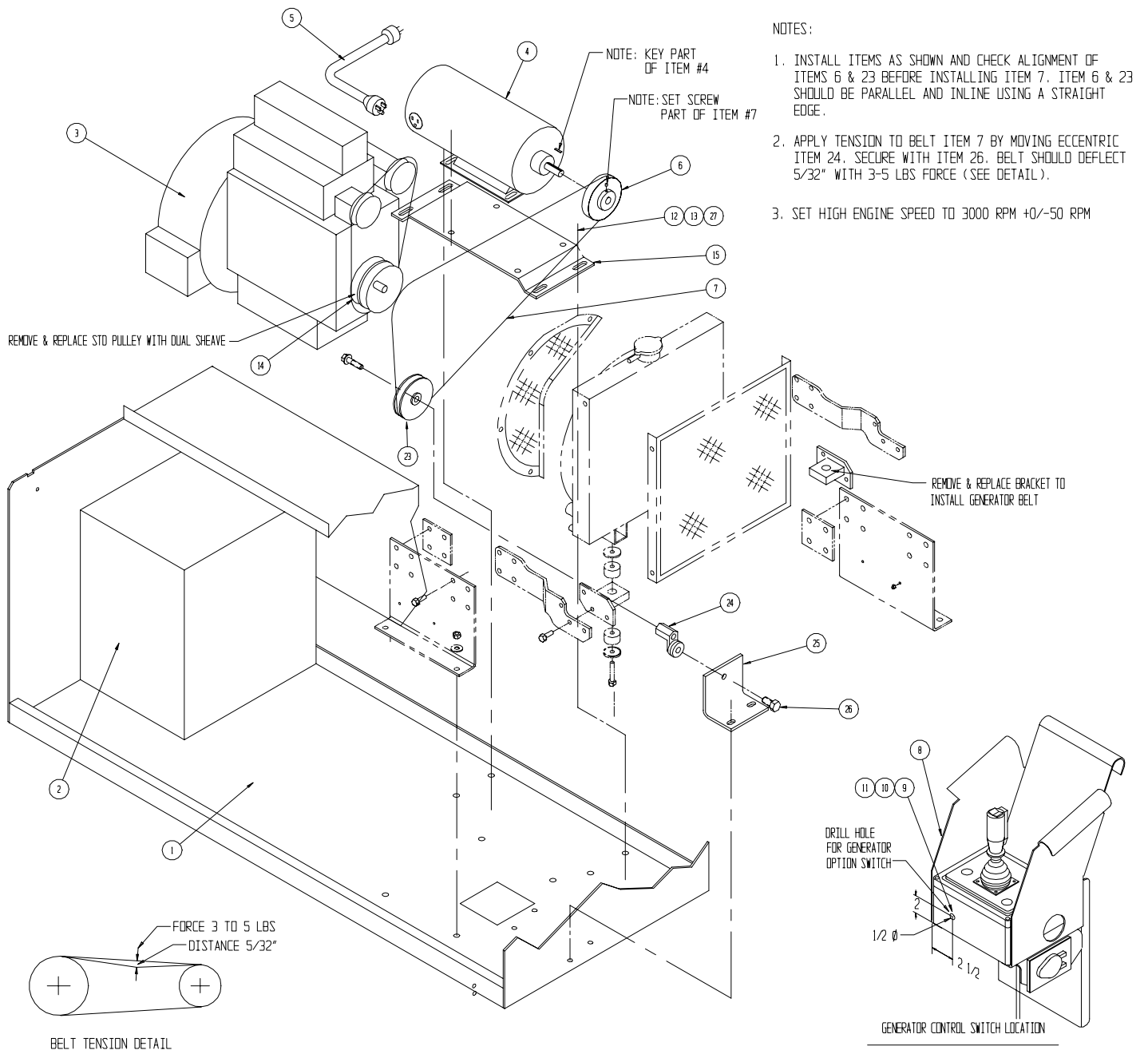
Generator, LX Diesel – Option

067849-000

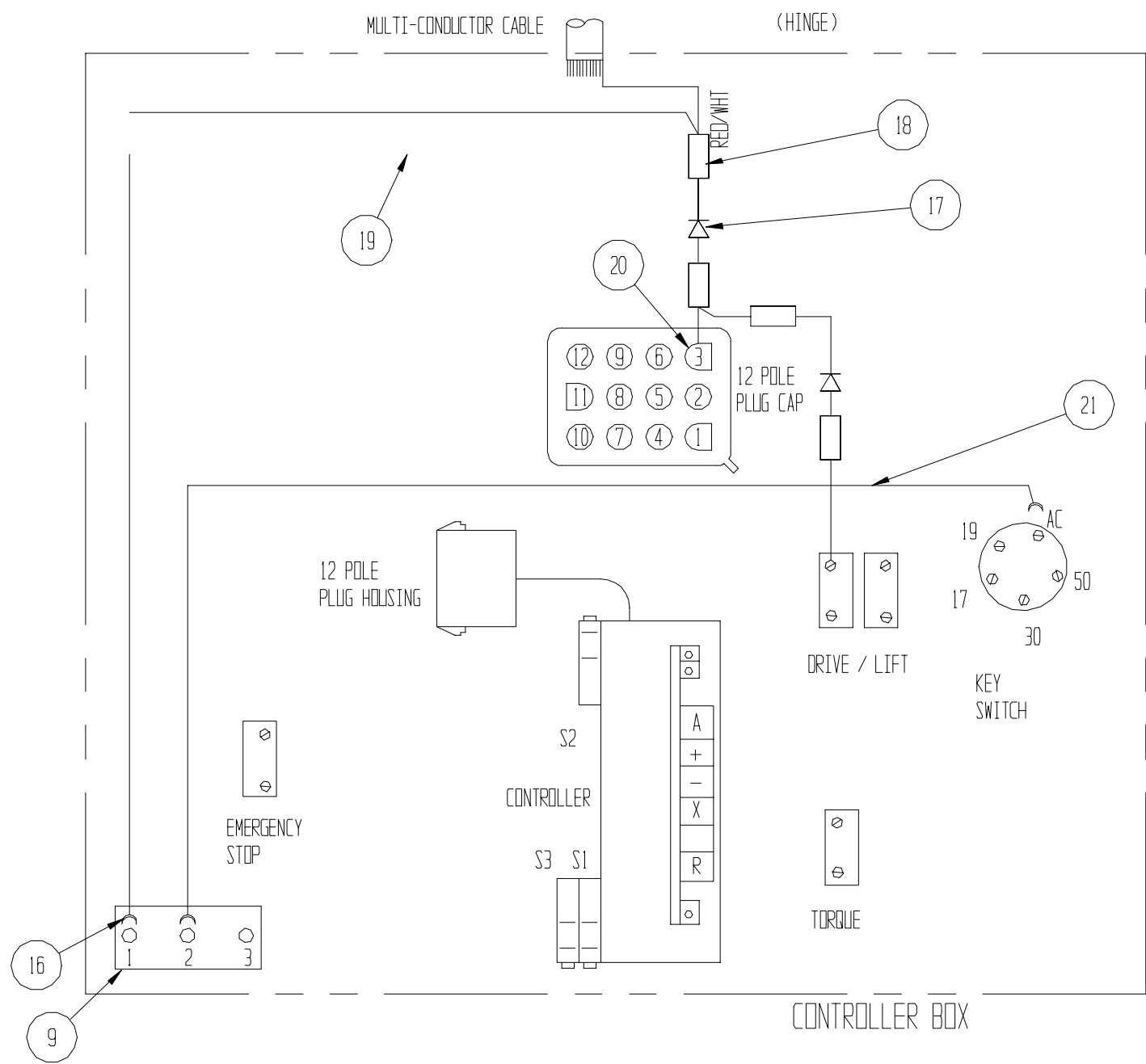
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
1	-	MODULE TRAY WELDMENT	REF
2	-	FUEL TANK	REF
3	067614-000	ENGINE	REF
4	027979-000	WINCO GENERATOR	1
5	064212-000	CORD ASSY	1
6	063949-042	SHEAVE, GENERATOR- WOODS AC 40- 5/8 BORE	1
7	011994-011	V-BELT 3L-360	1
8	067528-001	CONTROLLER	REF
9	012797-000	SWITCH, TOGGLE	1
10	08271-000	SWITCH GUARD	1
11	064211-000	DECAL, ON-OFF	1
12	011254-010	BOLT 3/8-16 X 1 1/4	10
13	011248-006	ESNT 3/8-16	10
14	067614-021	DUAL SHEAVE - KUBOTA #17213-74281	1

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.
15	065916-000	MOUNTING PLATE, GENERATOR	1
16	029610-004	CONN FORK 16-14 #10	3
17	029825-002	DIODE, 3 AMP	2
18	029620-002	CONN, BUTT 16 GA	3
19	029483-099	WIRE 16 GA, RED WHT	1 FT
20	063956-002	PIN, MALE CONTACT	1
21	029454-099	WIRE, 16 GA RED	1 FT
22	067907-	POWER TO PLATFORM OPT. (NOT SHOWN)	REF
23	063969-001	PULLEY, IDLER	1
24	063969-002	PULLEY MOUNT, ECCENTRIC	1
25	064792-000	IDLER BRACKET	1
26	011266-008	SCREW HHC 1/2-20 UNF X 1	1
27	011240-006	WASHER 3/8 FLAT	10

Drawing 1 of 2



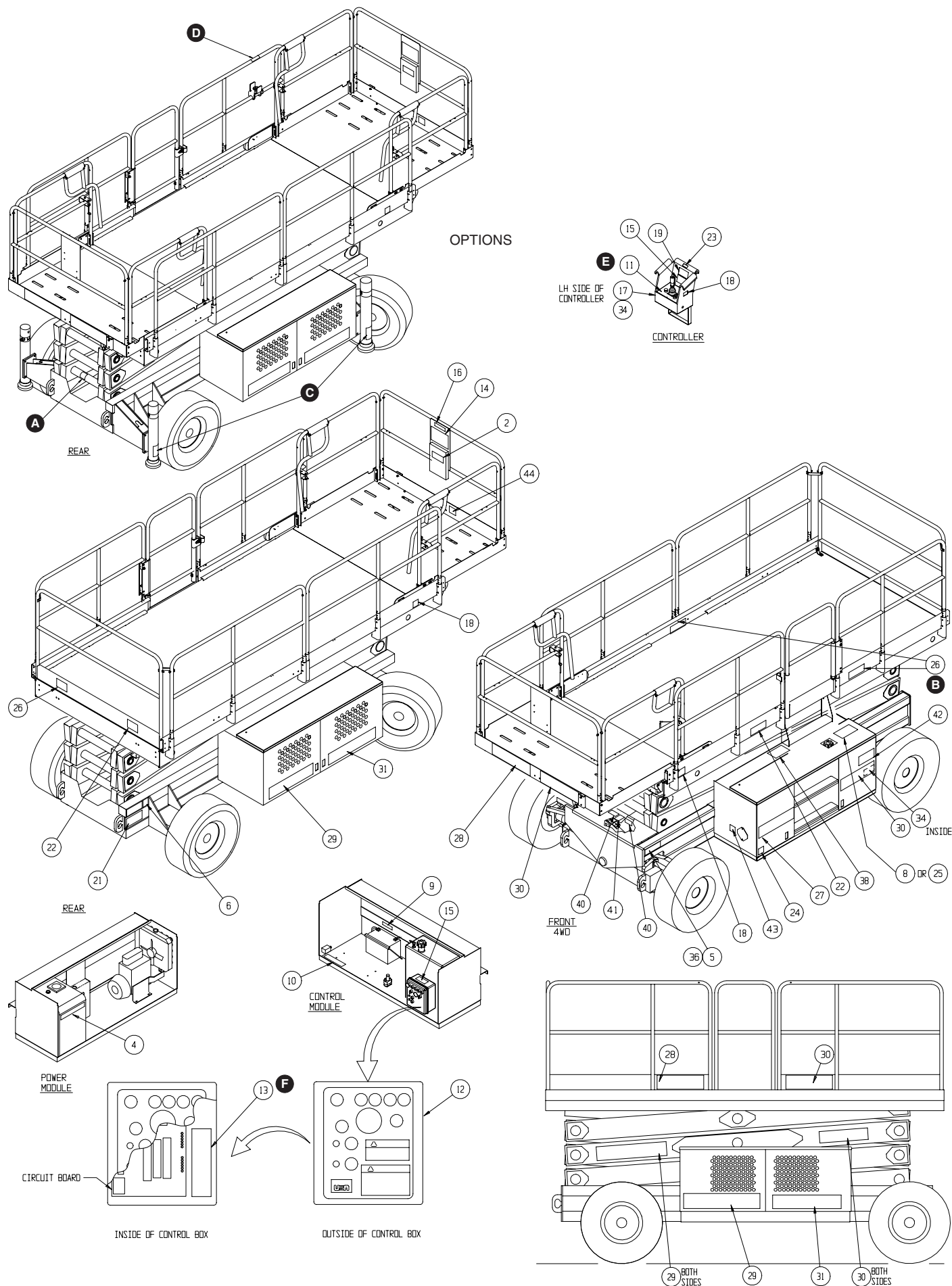
Drawing 2 of 2



WIRING DIAGRAM

Label Kit**108055-002/-003/-006/-007/-010/-011**

ITEM	PART NO.	PART/MATERIAL DESCRIPTION	LX31 DUAL FUEL	LX31 DIESEL	LX41 DUAL FUEL	LX41 DIESEL	LX50 DUAL FUEL	LX50 DIESEL
			108055-002	108055-003	108055-006	108055-007	108055-010	108055-011
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.
2	010076-001	LABEL-ATTENTION	1	1	1	1	1	1
4	060197-000	LABEL-HYD. FLUID	1	1	1	1	1	1
5	061205-005	NAME PLATE	1	1	1	1	1	1
6	061220-002	LABEL-ANSI	1	1	1	1	1	1
8	064166-000	LABEL-UNLEADED FUEL	1	1	1	1	1	1
9	066552-000	LABEL-WARNING BATTERY	1	1	1	1	1	1
10	064189-001	LABEL-LIQUID WITHDRAWAL	1	1	1	1	1	1
11	067642-011	LABEL-CONTROLLER	1	1	1	1	1	1
12	067481-000	LABEL-LOWER CONTROLS, DUAL FUEL	1	—	1	—	1	—
	067481-001	LABEL-LOWER CONTROLS, DIESEL	—	1	—	1	—	1
13	067480-000	LABEL-LED CODES	1	1	1	1	1	1
14	066550-009	LABEL-DANGER	1	1	1	1	1	1
15	067478-000	LABEL-NOTICE	2	2	2	2	2	2
16	066551-003	LABEL-DANGER TIPPING	1	1	1	1	1	1
17	030624-024	LABEL-CHOKE	1	—	1	—	1	—
	067822-000	LABEL-GLOW PLUG	—	1	—	1	—	1
18	064444-000	LABEL- USA	3	3	3	3	4	4
19	066554-000	LABEL-READ	1	1	1	1	1	1
21	063423-000	LABEL-BRAKE RELEASE	1	1	1	1	1	1
22	066562-000	LABEL-TIRE PSI 50	2	2	2	2	—	—
	066562-003	LABEL-POLY FILLED TIRES	—	—	—	—	2	2
23	061515-000	LABEL-LIFT HERE	1	1	1	1	1	1
24	066568-000	LABEL-WARNING	1	1	1	1	1	1
25	027898-000	LABEL-DIESEL FUEL	—	1	1	1	1	1
26	101250-009	LABEL-MAX LOAD 2000 LBS	3	3	—	—	—	—
	101250-008	LABEL-MAX LOAD 1500 LBS	—	—	3	3	—	—
	101250-004	LABEL-MAX LOAD 1000 LB.	—	—	—	—	3	3
27	061683-004	LABEL-UPRIGHT 2-1/2	1	1	1	1	1	1
28	061683-005	LABEL-UPRIGHT 4 1/2	2	2	2	2	2	2
29	061683-007	LABEL-UPRIGHT 5 1/2	3	3	3	3	3	3
30	067644-006	LABEL-LX31 4WD	5	5	—	—	—	—
	067644-008	LABEL-LX41 4WD	—	—	5	5	—	—
	067644-020	LABEL-LX50 4WD	—	—	—	—	5	5
31	067644-005	LABEL-LX31 4WD	1	1	—	—	—	—
	067644-007	LABEL-LX41 4WD	—	—	1	1	—	—
	067644-015	LABEL-LX50 4WD	—	—	—	—	1	1
34	067822-001	LABEL-ATTENTION GLOW PLUGS	—	2	—	2	—	2
36	065368-000	TACK	4	4	4	4	4	4
38	066561-001	LABEL-MAINT. BRACE	1	1	1	1	1	1
40	066558-000	LABEL-EMERG. LOWERING	2	2	2	2	2	2
41	066556-000	LABEL-CAUTION DESCENDING PLATFORM	1	1	1	1	1	1
42	101252-015	LABEL-MAX WHEEL LOAD 4600 LBS	1	1	—	—	1	1
	101252-014	LABEL-MAX WHEEL LOAD 4200 LBS	—	—	1	1	—	—
43	068639-000	LABEL-POWER TO PLATFORM	1	1	1	1	1	1
44	101251-001	LABEL-DANGER MAX LOAD	1	1	1	1	1	1
OPTIONS – 17 FT DUAL DECK & OUTRIGGERS								
ITEM	PART NO.	PART/MATERIAL DESCRIPTION	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.
A	066556-000	LABEL-CAUTION	1	1	1	1	1	1
B	101250-010	LABEL-MAX LOAD 1750 LBS	2	2	—	—	—	—
	101250-011	LABEL-MAX LOAD 1250 LBS	—	—	2	2	—	—
	101250-012	LABEL-MAX LOAD 750 LBS	—	—	—	—	2	2
C	066556-001	LABEL-CAUTION	4	4	4	4	4	4
D	066551-003	LABEL-DANGER TIPPING	1	1	1	1	1	1
E	067642-009	LABEL-CONTROLLER, OUTRIGGERS	1	1	1	1	1	1
F	067480-001	LED CODES	1	1	1	1	1	1



NOTES:

UpRight

Call Toll Free in U.S.A.
1-800-926-LIFT

UpRight, Inc.

801 South Pine Street
Madera, California 93637

TEL: 559-662-3900

FAX: 559-673-6184

PARTS: 1-888-UR-PARTS

PARTS FAX: 1-800-669-9884

UpRight

Call Toll Free in U.S.A.

1-800-926-LIFT

108049-009

11-02

UpRight

Unit S1, Park West Industrial Park

Friel Avenue

Nangor Road

Dublin 12, Ireland

TEL: +353 1 620 9300

FAX: +353 1 620 9301