



Parts Manual

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L-2350-2242 PARTS MANUAL

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L-2350-2242 PARTS MANUAL

INTRODUCTION

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**L-2350-2242 PARTS MANUAL
HOW TO ORDER PARTS**

HOW TO ORDER PARTS

This illustrated parts catalog is a ready means of identifying parts, assemblies and structures of Komatsu manufactured equipment.

The intention of this book is to supplement information in the Service Manual of this machine.

All parts manufactured by Komatsu, Longview, Texas, combine engineering research and experience with quality workmanship and precision inspection.

Buy Komatsu Parts—they fit better, work better, and chances of costly breakdowns are less.

Komatsu has made every effort to make this manual as accurate as possible based on the information available at the time of publication and printing.

Continuous improvement and advancement of product design may cause changes to machines which may not have been included in this publication.

Komatsu reserves the right to make changes and improvements at any time.

To ensure the most current information, please use the Komatsu On-Line Parts Catalog Database or contact your dealer representative.

This illustrated Parts Catalog is now designed primarily for electronic viewing.

It is best viewed from the DVD or the Komatsu On-Line Parts Catalog Database.

In its printed paper version some items in the illustrations may appear small and the reference numbers may be difficult to read.

In a case where a number or view is unreadable you will need to view it electronically and use the zoom feature.

HOW TO LOCATE PARTS

Machine components may be located in this book by the following method:

Refer to the Table of Contents on Page 1 and determine the section in which the desired components appear.

To the right of the desired component will be a number. This number will have a decimal point (i.e., 1.1).

The number to the left of the decimal point designates the section under which the desired component will be found.

The first number to the right of the decimal point designates the page number of the desired component in that section.

Parts may be readily located by referring to the respective illustration.

Each illustration has a reference number in the lower left-hand corner.

This number is referenced on the applicable parts list following the illustration.

Each part is numerically identified to correspond with the parts list.

Locate the part and refer to the corresponding number in the parts list for the part number.

The quantity column shows the number of parts needed for one unit unless specifically noted.

REF (Reference) in the quantity column indicates the item listed is not part of the assembly.

The item referenced may be part of another group or assembly.

The description will apply; however, the part number may not match the actual part used.

The part is described in detail in the description area.

Indented parts descriptions apply to the part or assembly under which they are indented.

Many of the parts for factory-installed optional components are found in Section 9 of the Parts Catalog, which is titled "MISCELLANEOUS".

It is essential to verify the optional equipment on the machine and check the parts lists in Section 9 prior to ordering parts.

Should there be questions or need for additional information concerning parts for factory-installed options, contact the Komatsu Parts Sales Department before placing an order.

When ordering parts from the factory or distributor, observance of the following procedure will assist the Parts Order Department in filling the order quickly and accurately:

(1) Always give the model and serial number of the machine for which parts are being ordered.

(2) Always give part numbers and name of parts to be shipped as listed on the parts pages.

**L-2350-2242 PARTS MANUAL
HOW TO ORDER PARTS**

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**L-2350-2242 PARTS MANUAL
ABBREVIATIONS**

ABBREVIATION	DESCRIPTION
#	NUMBER OR POUND
2POS	2 POSITION
A	AMP
AC	ALTERNATING CURRENT
A/C	AIR CONDITIONING
ADJ.	ADJUSTABLE
AL.	ALUMINUM
ALT	ALTERNATOR
AMB.	AMBIENT
APPROX.	APPROXIMATE
AR	AS REQUIRED
ASSY.	ASSEMBLY
AWG	AMERICAN WIRE GAUGE
BARFLAT	FLAT METAL BAR
BATT.	BATTERY
BLK.	BLOCK
BRG.	BEARING
BRK.	BRAKE
BUNA N	DESCRIPTION NOT DEFINED
C	CENTIGRADE
CAD.	CADIUM
CAP.	CAPACITOR
CART	CARTRIDGE
CA-WT	CABLE WATERTIGHT
CCW	COUNTER CLOCKWISE
C.E.	COMMUTATOR END
C.F.M.	CUBIC FEET PER MINUTE
CHGING	CHARGING
CONV.	CONVERTER
CS	COUNTERSUNK
CSK.	COUNTERSUNK
CV	DESCRIPTION NOT DEFINED
DC	DIRECT CURRENT
DE	DRIVE END
deg.	DEGREE
DIA.	DIAMETER
DIN	DESCRIPTION NOT DEFINED
DPDT	DOUBLE POLE, DOUBLE THROW
DR.	DRIVER
DWG.	DRAWING
E-STOP	EMERGENCY STOP
EA.	EACH
ENG.	ENGINE
EXH.	EXHAUST
EXT.	EXTERNAL
F	FAHRENHEIT
F.H.	FLAT HEAD
FJ	FEMALE J.I.C. (HYDRAULIC FITTING)
FREQ.	FREQUENCY
FT.	FOOT
FTG	FITTING
FO	FEMALE O-RING
FOPS	FALLING OBJECT PROTECTION STRUCTURE
FP	FEMALE PIPE
GEN.	GENERATOR
GB	GIGABYTE
GL.	GALLON
GPM	GALLONS PER MINUTE
GR.	GRADE
GRN/YEL	GREEN/YELLOW

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NONE

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**L-2350-2242 PARTS MANUAL
ABBREVIATIONS**

ABBREVIATION	DESCRIPTION
HD.	HEAD
HP	HORSE POWER
HEX	HEXAGONAL
HEL	HELICAL
HID	HIGH INTENSITY DISCHARGE
HMI	DESCRIPTION NOT DEFINED
HYD.	HYDRAULIC
I.D.	INSIDE DIMENSION
IN.	INCHES
INS.	INSULATED
Km	KILOMETERS
LED	LIGHT EMITTING DIODE
LB.	POUND
LBS	POUNDS
L.F.	LEFT FRONT
LG	LONG
L.H.	LEFT HAND
L.R.	LEFT REAR
LRG.	LARGE
LVCC	LOW VOLTAGE CONTROL CABINET
M	METER
MM	MILLIMETER
M.P.H.	MILES PER HOUR
MAG.	MAGNETIC
MAN	MANUAL
MAX.	MAXIMUM
MF	DESCRIPTION NOT DEFINED
MIN.	MINIMUM OR MINUTE
MO	MALE O-RING
MMO	MILLIMETER O-RING
MOM	MONENTARY
MOV	METAL OXIDE VARISTOR
MJ	MALE J.I.C. (HYDRAULIC FITTING)
MP	MALE PIPE
N.C.	NORMALLY CLOSED
NC	NATIONAL COARSE
NEG.	NEGATIVE
NF	NATIONAL FINE
NO.	NUMBER
N.O.	NORMALLY OPEN
NDE	NON-DRIVE END
NPT	NATIONAL PIPE THREAD
N.P.N.	NO PART NUMBER
NS	NOT SHOWN
NSS	NOT SOLD SEPARATELY
NYL	NYLON
O.D.	OUTSIDE DIMENSION
OZ.	OUNCE
P.E.	PINION END
P.H.	PAN HEAD
P/N	PART NUMBER
POS.	POSITIVE
POT.	POTENTIOMETER
PRESS.	PRESSURE
PSI	POUNDS PER SQUARE INCH
PT.	POINT
PVP	DESCRIPTION NOT DEFINED
PVB	DESCRIPTION NOT DEFINED
PVBS	DESCRIPTION NOT DEFINED
PVM	DESCRIPTION NOT DEFINED

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ABBREVIATIONS**

ABBREVIATION	DESCRIPTION
PVE/PVEH	DESCRIPTION NOT DEFINED
BVS	DESCRIPTION NOT DEFINED
PVAS	DESCRIPTION NOT DEFINED
PVC	DESCRIPTION NOT DEFINED
QUAD	QUADRANGLE
QTY.	QUANTITY
RPM	REVOLUTIONS PER MINUTE
RAD.	RADIATOR
RD.	ROUND
RECT.	RECTIFIER
REF	REFERENCE
RES	RESISTANT
RET.	RETAINER
R.F.	RIGHT FRONT
RFI	DESCRIPTION NOT DEFINED
R.H.	RIGHT HAND
RR	RIGHT REAR
ROPS	ROLL OVER PROTECTION STRUCTURE
RPT	ROTOR POSITION TRANSDUCER
RTD	RESISTANCE TEMPERATURE DETECTOR
R.R.	RIGHT REAR
S.H.	SOCKET HEAD
S.S.	STAINLESS STEEL
SEC.	SECONDARY
SECT.	SECTION
SF	SPLIT FLANGE
SHRK CLR	SHRINK CLEAR
SKT.	SOCKET
SM.	SMALL
SOC HD	SOCKET HEAD
SPDT	SINGLE POLE, DOUBLE THROW
SPST	SINGLE POLE, SINGLE THROW
SQ.	SQUARE
SR	SWITCHED RELUCTANCE
ST.	STREET
STD.	STANDARD
STR.	STRUCTURE
SW.	SWITCH
SWV	SWIVEL
T	TAPER OR TOOTH
TACH.	TACHOMETER
TEMP.	TEMPERATURE
TERM.	TERMINAL
THD.	THREAD
TNDM.	TANDEM
T/M	TRACTION MOTOR
TRF.	TRANSFORMER
UNC	UNIFIED NATIONAL COARSE
UNF	UNIFIED NATIONAL FINE
UNIINS.	UNINSULATED
V	VOLT
VAC	VOLTS ALTERNATING CURRENT
VDC	VOLTS DIRECT CURRENT
VR	VOLTAGE REGULATOR
VITON	DESCRIPTION NOT DEFINED
W	WATT
W/	WITH
W/O	WITHOUT
WD	WIDE
WP	WEATHER PROOF

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NONE

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**L-2350-2242 PARTS MANUAL
ABBREVIATIONS**

ABBREVIATION	DESCRIPTION

L-2350-2242 PARTS MANUAL
Structural Components
SECTION OR GROUP TITLE

FRONT FRAME AND AXLE GROUP
REAR FRAME GROUP
HOOD BRACING GROUP
LIFTARM AND LINKAGE GROUP
SHEET METAL GROUP
HOOD GROUP
COWL GROUP
COWL KIT
REAR AXLE GROUP
LADDER AND CATWALK GROUP
LADDER ASSEMBLY
CATWALK ANTISLIP GROUP - FRONT FRAME
CATWALK ANTISLIP GROUP - REAR FRAME
CATWALK ANTISLIP GROUP - POWERSTEP LADDER
OPERATOR SEAT AND CONTROLS
CAB ASSEMBLY
WHEEL ASSEMBLY
BUCKET AND TEETH ASSEMBLY
MIRROR/LIGHT BAR ASSEMBLY
MIRROR ASSEMBLY AND MOUNTING GROUP
IDENTIFICATION AND SAFETY LABELS GROUP
IDENTIFICATION DECAL GROUP
PAINT GROUP
OPERATOR'S SEAT ASSEMBLY
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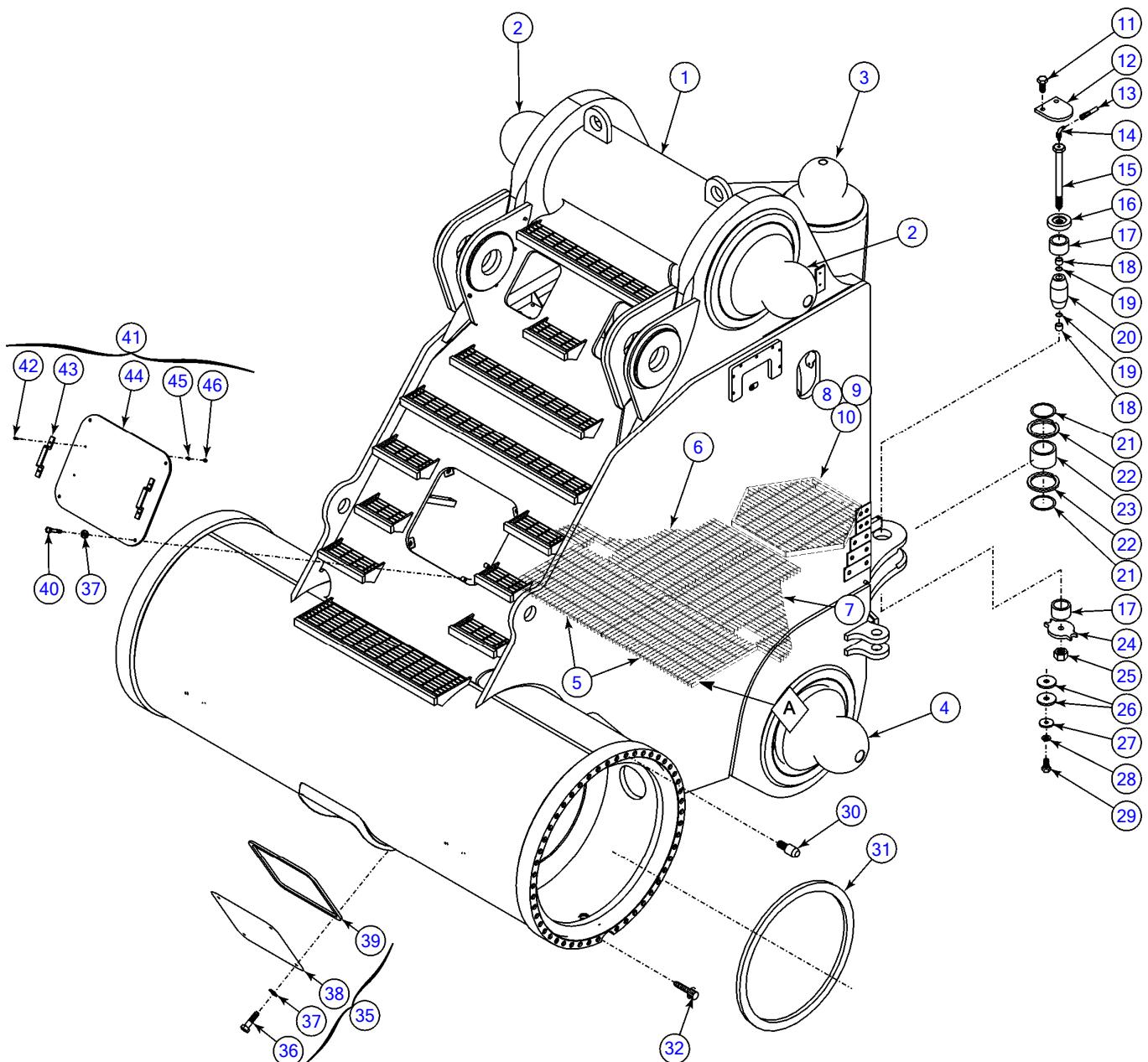
L-2350-2242 PARTS MANUAL

Structural Components

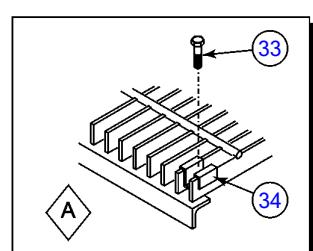
SECTION OR GROUP TITLE

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FRONT FRAME AND AXLE GROUP



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FRONT FRAME AND AXLE GROUP

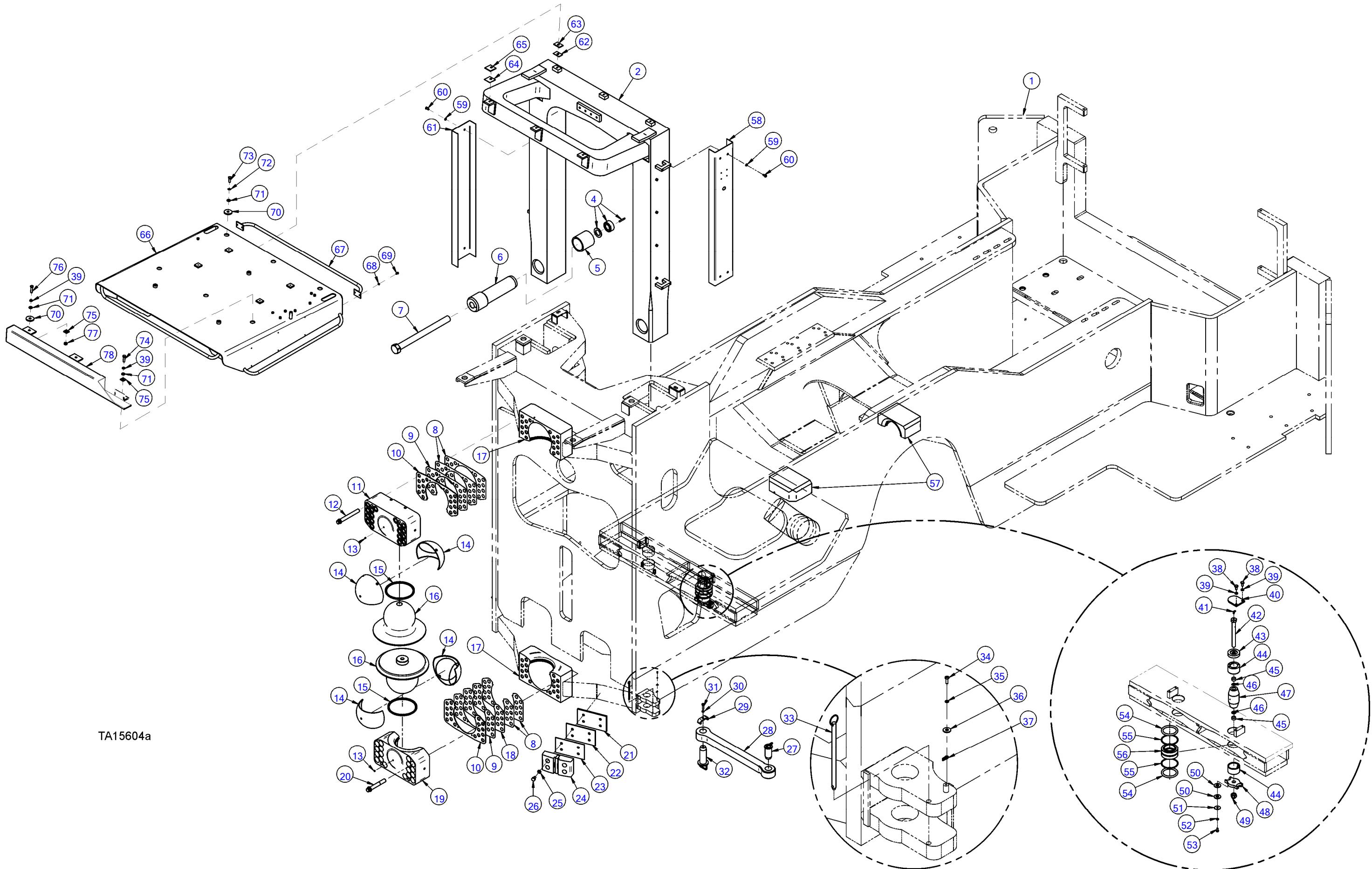
**L-2350-2242 PARTS MANUAL
FRONT FRAME AND AXLE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4272703		FRONT FRAME AND AXLE GROUP		10/26/16
1	R4272704	1	· FRAME STRUCTURE, FRONT		
	N.P.N.	REF	· · PLUG ASSEMBLY, 3" - LIFTARM PIVOT AND HOIST CYLINDER PIVOT BALL (PAGE 9.3-9.3A)		
	N.P.N.	REF	· · FRONT FRAME PIVOT BALLS DO NOT HAVE PLUGS		
2	R4282561	2	· · BALL AND BASE, LIFTARM PIVOT - 14", WELDED ON (SEE NOTE)		2/4/15
3	R4247949	2	· · BALL AND BASE, STEERING PIVOT - 12", WELDED ON (SEE NOTE)		
4	R4282561	2	· · BALL AND BASE, HOIST CYLINDER PIVOT - 14", WELDED ON (SEE NOTE)		2/4/15
5	R4261270	2	· GRATING STRUCTURE, FRONT		
6	R4247935	1	· GRATING STRUCTURE, R.H. REAR		
7	R4247936	1	· GRATING STRUCTURE, L.H. REAR		
8	R4264446	1	· GRATING STRUCTURE, CENTER - FRONT FRAME		
9	R0801180	4	· BOLT, 1/2"-13 X 1"		
10	R0032778	4	· LOCKWASHER, 1/2"		
11	R0027595	4	· BOLT, 5/8"-11 X 1-1/4"		
12	R4121124	2	· CAP, PIN LUG		
13	N.P.N.	REF	· HOSE ASSEMBLY (PAGE 9.3-9.3A)		
14	R4116444	REF	· ELBOW, #4 FJ X 90 deg. X #4 MJ - SWIVEL		
15	R4182760	2	· BOLT, 1-1/4"-7 X 12"		
16	R4182716	2	· FLATWASHER, 1-1/4" I.D.		
17	R4161299	4	· BUSHING, SAWCUT		
18	R4182719	4	· SLEEVE, RETAINER - O-RING		
19	R4231149	4	· O-RING, 1" - POLYURETHANE		
20	R4271232	2	· PIN, 4" X 8"		11/5/13
21	R4093488	REF	· RING, RETAINING - INTERNAL		
22	R4161298	4	· O-RING, 5/8" X 5" I.D. - POLYURETHANE		
23	R6944893	REF	· BUSHING, SELF-ALIGNING - 4"		
24	R4182717	2	· PLATE, CAPTURE		
25	R4016020	2	· LOCKNUT, 1-1/4"-7 - NYLON		
26	R0021553	4	· FLATWASHER, 1" I.D. X 2-1/2" O.D.		
27	R4102626	4	· FLATWASHER, 9/16" I.D. X 2-1/4" O.D. X 1/4"		
28	R0801181	4	· LOCKWASHER, 1/2"		
29	R0801180	4	· BOLT, 1/2"-13 X 1"		
30	R4253537	2	· DOWEL PIN, 1-1/4"-7 - DRIVER TO AXLE HOUSING		
31	R4269651	2	· SEAL, AXLE TO MOTOR		
32	R4233222	REF	· CAPSCREW, 1-1/4"-7 X 6"	96	
33	R4228426	24	· SCREW, 1/4"-20 X 2"		
34	R4218378	24	· FASTENER, GRATING		
35	R4272716	1	· COVER GROUP, AXLE ACCESS		
36	R4009753	4	· · BOLT, 1/2"-13 X 1-1/2"		
37	R4062661	8	· · FLATWASHER, 1/2" I.D. X 1" O.D. X 1/32" - CONICAL		10/26/16
38	R4240850	1	· · COVER ASSEMBLY, AXLE ACCESS		
39	R4060985	1	· · · SEAL, SPONGE - 5/8" X 5/8"		
	R4030823	AR	· · · SEALANT/ADHESIVE, SILICONE - 10.7-OZ., CLEAR		
40	R4009753	4	· BOLT, 1/2"-13 X 1-1/2"		
	R4272823	1	· COVER ASSEMBLY, ACCESS - MAIN VALVE		
41	R4272504	1	· · COVER ASSEMBLY, ACCESS - MAIN VALVE		
42	R4010357	4	· · · BOLT, 1/4"-28 X 1"		
43	R0983066	2	· · · HANDLE		
44	R4272506	1	· · · COVER STRUCTURE		
45	R0213584	4	· · · LOCKWASHER, 1/4"		
46	R4012936	4	· · · NUT, 1/4"-28		
NS	R4272418	1	· CATWALK STRUCTURE/LIGHT POLE MOUNT, FRONT - L.H.		

**L-2350-2242 PARTS MANUAL
FRONT FRAME AND AXLE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4272407	1	· CATWALK STRUCTURE/LIGHT POLE MOUNT, FRONT - R.H.		
	R4274469	REF	CODE SHEET, FRONT AXLE		
			NOTE:		
			<ul style="list-style-type: none"> · FACTORY WELDING INSTALLATION PROCEDURES MUST BE FOLLOWED FOR INSTALLATION OF · THESE BALLS AND FAILURE TO DO SO COULD DAMAGE THE MACHINE AND VOID ANY REMAINING · WARRANTY. THESE PROCEDURES ARE PUBLISHED. PLEASE CONTACT YOUR JOY GLOBAL · PRODUCT SUPPORT REPRESENTATIVE IF YOU HAVE ANY QUESTION OR NEED ASSISTANCE. 		

REAR FRAME GROUP



REAR FRAME GROUP

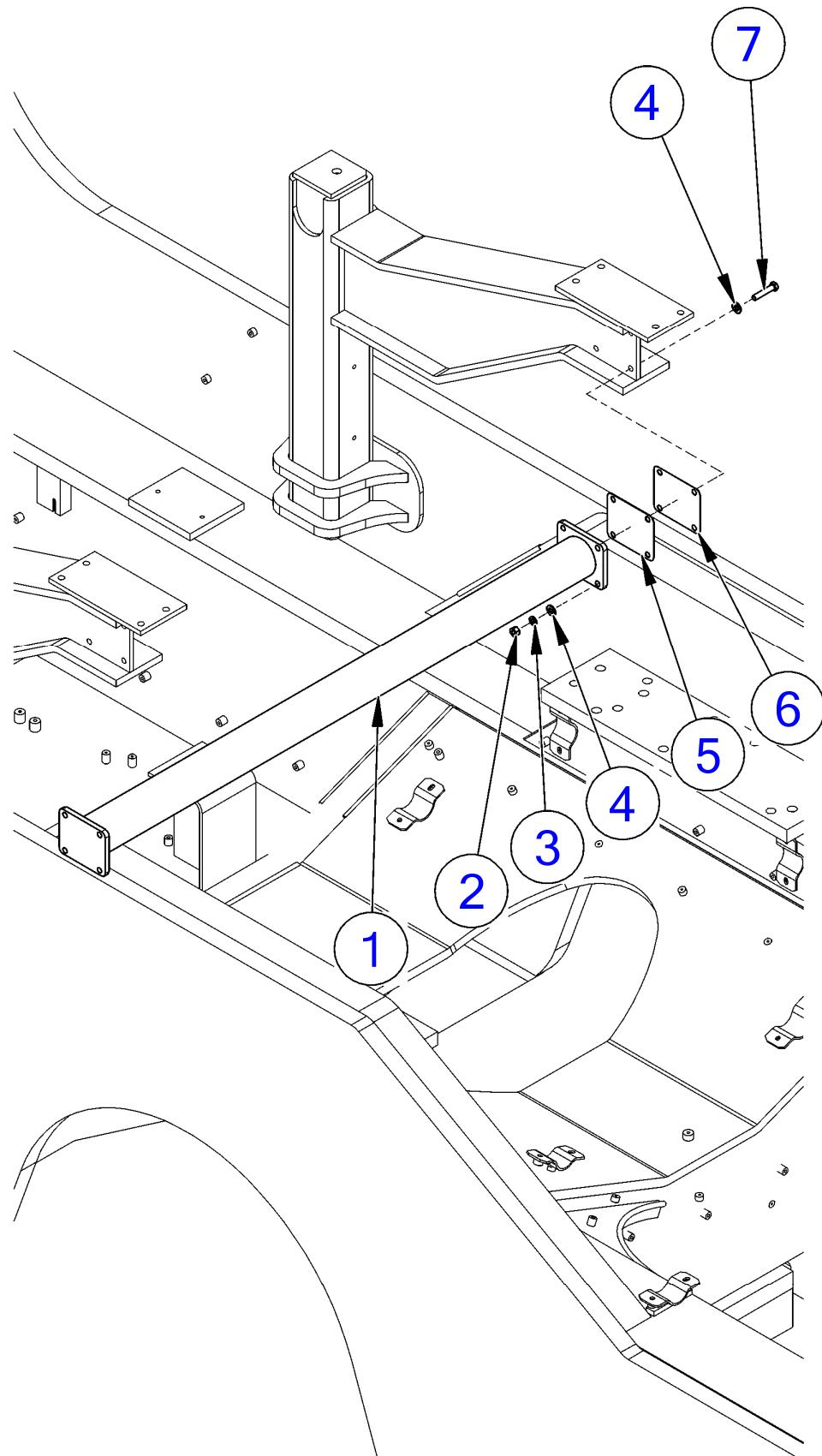
**L-2350-2242 PARTS MANUAL
REAR FRAME GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4292059		REAR FRAME GROUP (-0)		
1	R4292060	1	· FRAME STRUCTURE, REAR		
2	R4285588	1	· ROLL BAR STRUCTURE		
3	R4233214	2	· PIN GROUP, ROLLBAR		
4	R4188899	2	· · NUT, TORQUE - 2-1/4"-4-1/4		
5	R4238090	2	· · PLATE STRUCTURE, CAPTURE		
6	R4188865	2	· · PIN, ROLL BAR		
7	R4188898	2	· · BOLT, 2-1/4"-4-1/4 X 27-3/8"		
8	R4123772	AR	· SHIM, .007"	4	
9	R4133265	AR	· SHIM, .018"	2	
10	R4123773	AR	· SHIM, .030"	2	
11	R4254334	1	· CAP, BALL - 12", 18 BOLT		
12	R4241671	18	· CAPSCREW, 1-1/4"-7 X 10"		
13	R0716331	2	· PLUG, PIPE - 1/8", HEX CSK.		
14	R4081645	4	· LINER, BALL - HALF, 12"		
15	R4261580	2	· SEAL, BALL - 12" - NITRILE		
16	R4247949	REF	· BALL AND BASE - 12" (SEE NOTE)	2	
17	R4247946	2	· SOCKET, BALL - 12", 18 BOLT (WELDED INTO REAR FRAME FOR STEERING BALLS) (SEE NOTE)		
18	R4133264	AR	· SPACER, 3/16"	2	
19	R4267033	1	· CAP, BALL - 12", 18 BOLT - COUNTERSUNK		
20	R4267007	18	· CAPSCREW, 1-1/4"-7 X 8"		
21	R4227535	AR	· SHIM, 1/2" X 7" X 12"	2	
22	R4168171	AR	· SPACER, 1/4" X 12" X 7"	2	
23	R4168170	AR	· SPACER, 1/8" X 12" X 7"	2	
24	R4246314	2	· STOP BLOCK		
25	R0021542	8	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
26	R4009522	8	· BOLT, 3/4"-10 X 1-1/4"		
27	R4035334	1	· PIN STRUCTURE, SAFETY LINK		
28	R4240996	1	· SAFETY LINK		
29	R4075806	1	· RETAINER, PIN		
30	R0801181	1	· LOCKWASHER, 1/2"		
31	R0827222	1	· BOLT, 1/2"-13 X 2"		
32	R4035334	1	· PIN STRUCTURE, SAFETY LINK		
33	R4272818	1	· PIN, SELF LOCKING - 3/8" X 7"		
34	R4012632	1	· SCREW, #10-32 X 5/8" - P.H.		
35	R4010907	1	· LOCKWASHER, #10		
36	R0180161	1	· FLATWASHER, 1/4"		
37	R0453625	1	· CHAIN, #8 SASH		
38	R0027576	4	· BOLT, 5/8"-18 X 1-1/4"		
39	R0021541	2	· LOCKWASHER, 5/8"		
40	R4121124	2	· CAP, PIN LUG		
41	R0979138	REF	· ELBOW, 1/8" MP X 90 deg. X #4 MJ - SWIVEL	2	
42	R4182760	2	· BOLT, 1-1/4"-7 X 12"		
43	R4182716	2	· FLATWASHER, 1-1/4" I.D.		
44	R4161299	4	· BUSHING, SAWCUT		
45	R4182719	4	· SLEEVE, RETAINER - O-RING		
46	R4231149	4	· O-RING, 1" - POLYURETHANE		
47	R4271232	2	· PIN, 4" X 8"		
48	R4182717	2	· PLATE, CAPTURE		
49	R4016020	2	· LOCKNUT, 1-1/4"-7 - NYLON		
50	R0021553	8	· FLATWASHER, 1" I.D. X 2-1/2" O.D.		
51	R4102626	4	· FLATWASHER, 9/16" I.D. X 2-1/4" O.D. X 1/4"		
52	R0801181	4	· LOCKWASHER, 1/2"		
53	R0801180	4	· BOLT, 1/2"-13 X 1"		
54	R4161298	4	· O-RING, 5/8" X 5" I.D. - POLYURETHANE		
55	R4093488	REF	· RING, RETAINING - INTERNAL	4	
56	R6944893	REF	· BUSHING, SELF-ALIGNING - 4"	2	

**L-2350-2242 PARTS MANUAL
REAR FRAME GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
57	R4119454	2	· SOCKET, BALL - 9", 8 BOLT (WELDED INTO REAR FRAME FOR REAR AXLE) (SEE NOTE)		
58	R4274042	1	· COVER STRUCTURE, ROPS - L.H.		
59	R0021541	8	· LOCKWASHER, 5/8"		
60	R0801180	8	· BOLT, 1/2"-13 X 1"		
61	R4274044	1	· COVER STRUCTURE, ROPS - R.H.		
62	R4217155	AR	· SHIM, 1/8" X 2" X 3" (BACK)		
63	R4217156	AR	· SHIM, 1/4" X 2" X 3" (BACK)		
64	R4217157	AR	· SHIM, 1/8" X 3" X 3" (FRONT)		
65	R4217158	AR	· SHIM, 1/4" X 3" X 3" (FRONT)		
66	R4254322	1	· FOPS ASSEMBLY		
67	R4254321	1	· · HANDRAIL STRUCTURE, FOPS		
68	R0753123	4	· · LOCKWASHER, 3/8"		
69	R0810970	4	· · BOLT, 3/8"-16 X 3/4"		
70	R0711602	5	· FLATWASHER, 3/4" I.D. X 3" O.D. X 1/4"		
71	R4010925	7	· FLATWASHER, 5/8" I.D. X 1-5/16" O.D. X 1/8"		
72	R0021541	2	· LOCKWASHER, 5/8"		
73	R0021629	3	· BOLT, 5/8"-11 X 1-3/4"		
74	R0021631	3	· BOLT, 5/8"-11 X 2-1/4"		
75	R4274661	3	· WASHER, SQUARE		
76	R0021632	3	· BOLT, 5/8"-11 X 2-1/2"		
77	R0537156	3	· LOCKNUT, 5/8"-11 - NYLON		
78	R4274655	1	· MOUNT STRUCTURE, LIGHT BAR		
			NOTE:		
			· FACTORY WELDING INSTALLATION PROCEDURES MUST BE FOLLOWED FOR INSTALLATION OF		
			· THESE BALLS AND FAILURE TO DO SO COULD DAMAGE THE MACHINE AND VOID ANY REMAINING		
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			· PRODUCT SUPPORT REPRESENTATIVE IF YOU HAVE ANY QUESTION OR NEED ASSISTANCE.		

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HOOD BRACING GROUP**

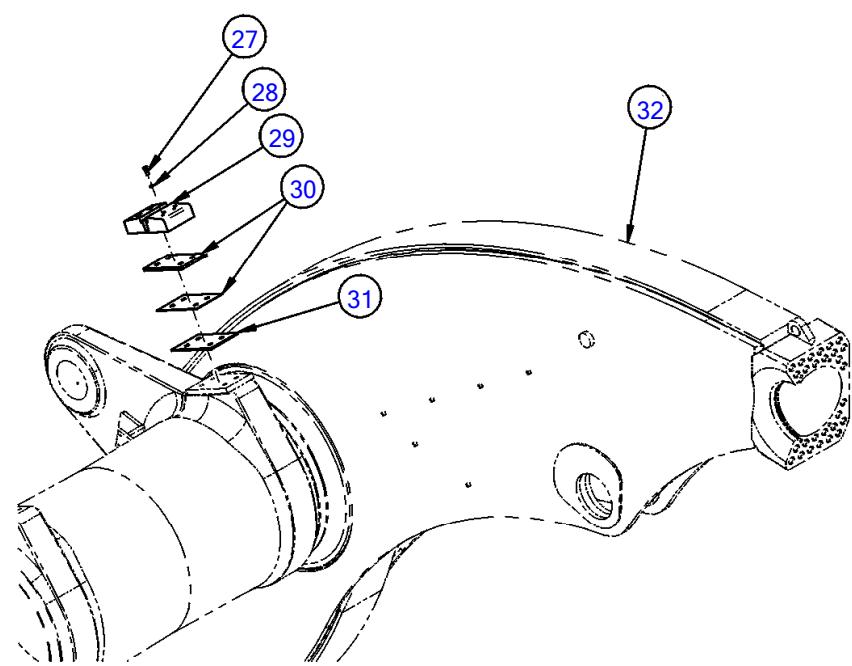
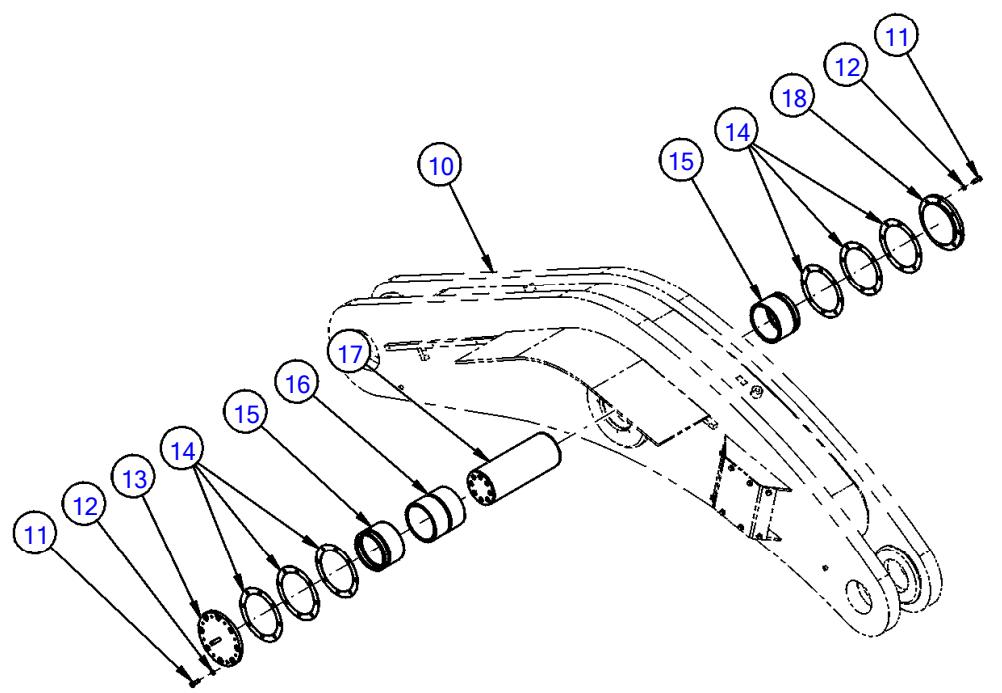
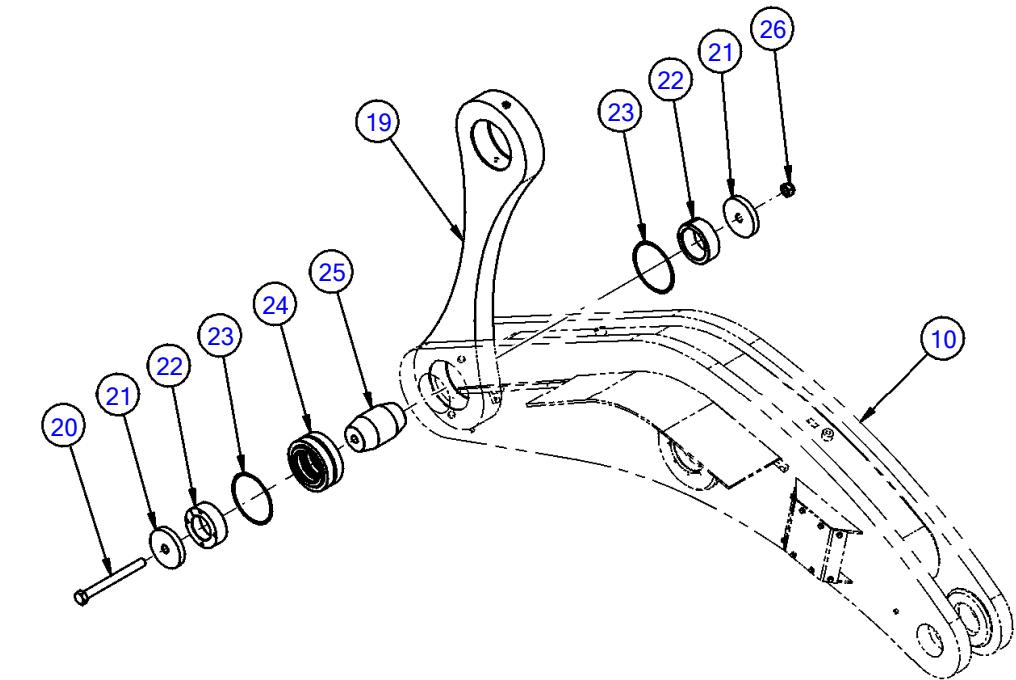
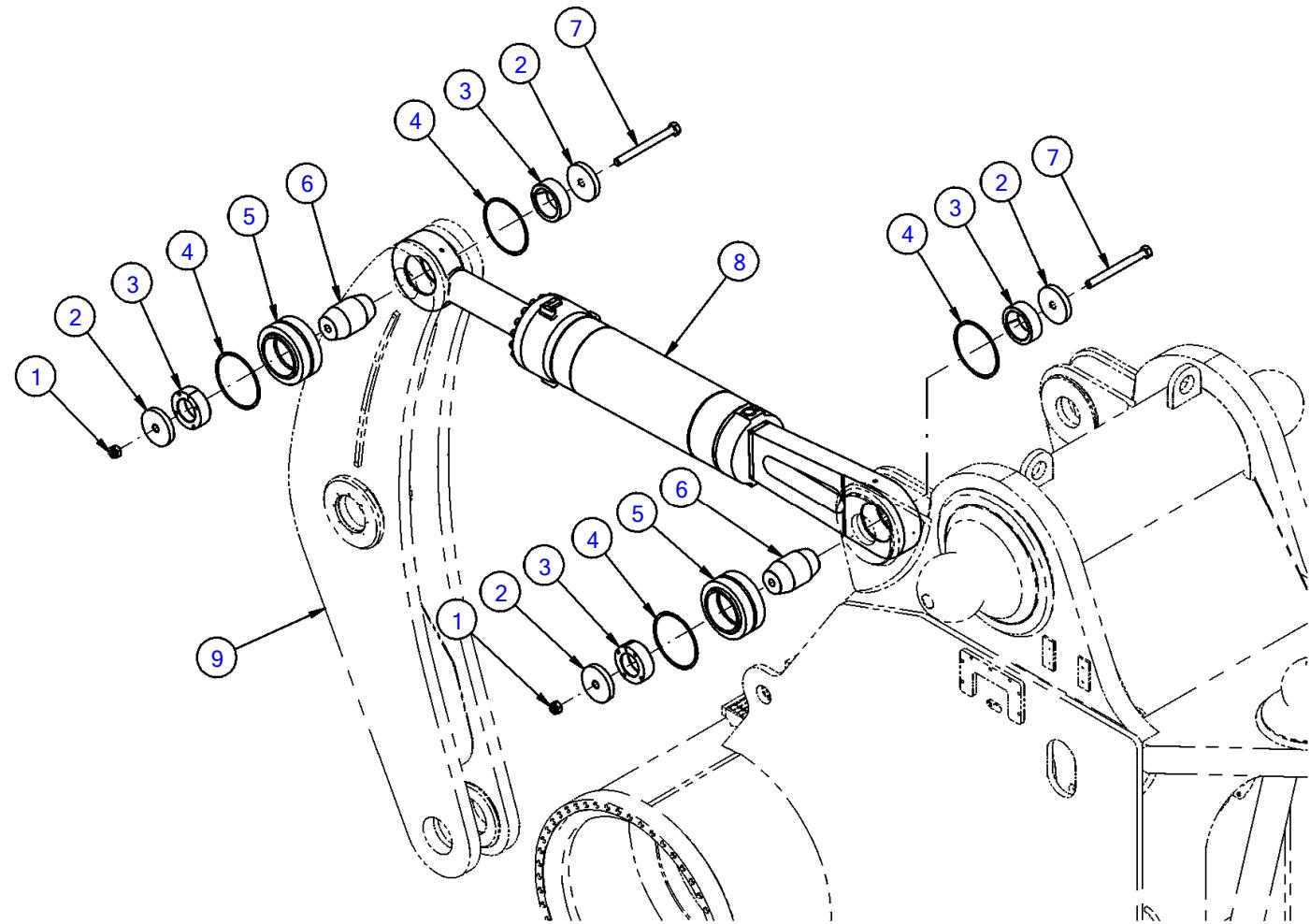
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4280820		HOOD BRACING GROUP		
1	R4280824	1	· BRACE STRUCTURE, HOOD		
2	R0808489	8	· LOCKNUT, 3/4"-16 - NYLON		
3	R0801181	8	· LOCKWASHER, 1/2"		
4	R0810991	16	· FLATWASHER, 1/2" X 1" X 1/8"		
5	R4280822	AR	· SHIM, 1/16"	4	
6	R4280823	AR	· SHIM, 1/32"	2	
7	R4102793	8	· BOLT, 1/2"-13 X 2-1/2"		

**L-2350-2242 PARTS MANUAL
HOOD BRACING GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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LIFT ARM AND LINKAGE GROUP

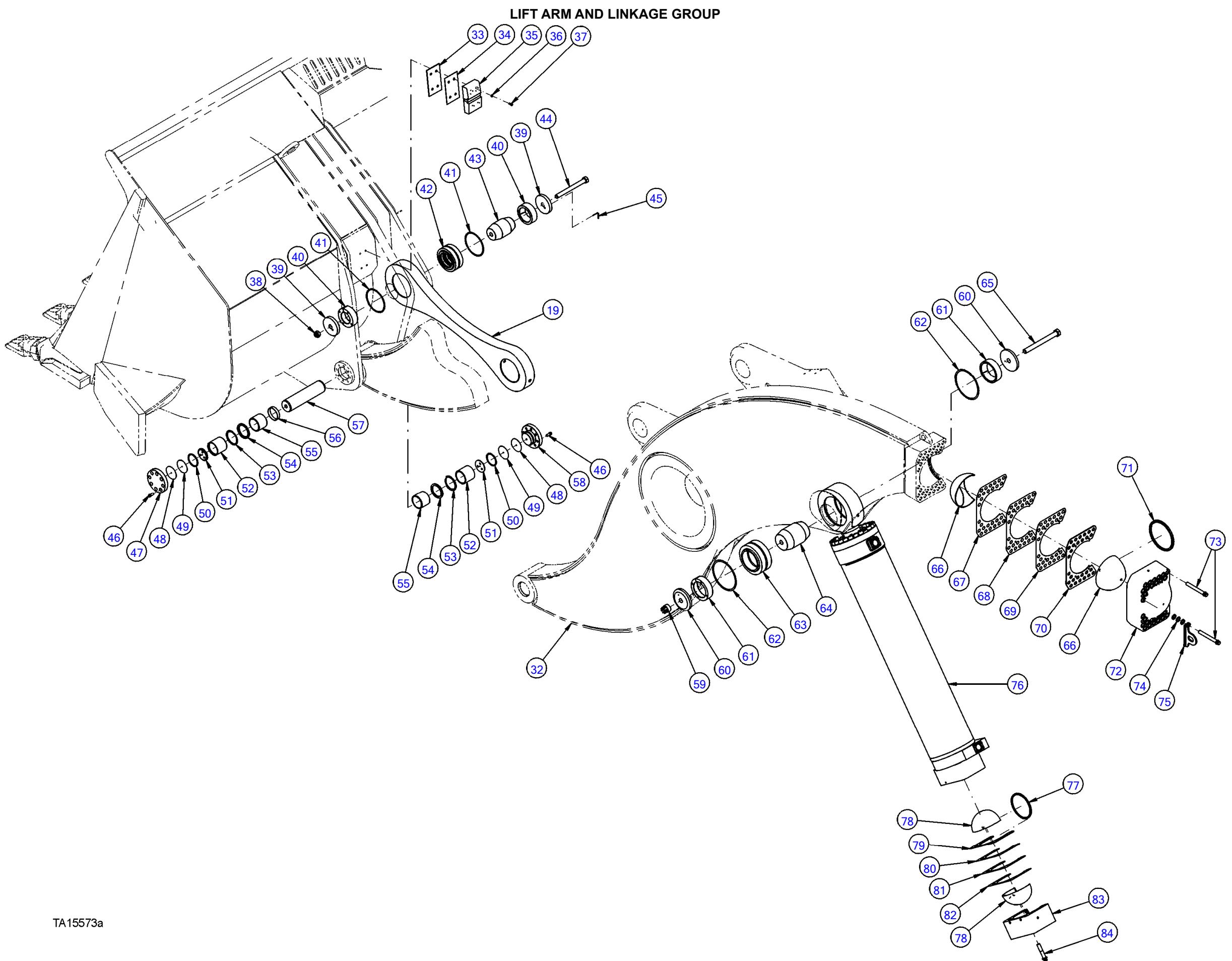


TA15573

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TA-15573
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LIFT ARM AND LINKAGE GROUP



TA15573a

LIFT ARM AND LINKAGE GROUP

**L-2350-2242 PARTS MANUAL
LIFT ARM AND LINKAGE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4267733		LIFT ARM AND LINKAGE GROUP - HIGH LIFT		6/27/17
			BUCKET CYLINDER PIVOT		
1	R4016021	4	· LOCKNUT, 1-1/2"-6 - NYLON		
2	R4168136	8	· FLATWASHER, 1-1/2" X 6-1/2" X 1-1/4"		
3	R4168137	8	· BUSHING, SAWCUT - 6-3/4" O.D.		
4	R4093490	REF	· RING, RETAINING - INTERNAL - 9" O.D.	8	
5	R6964139	REF	· BUSHING, SELF-ALIGNING - 6" I.D. X 8-3/4" O.D.	4	
6	R4168138	4	· PIN, 6" X 11"		
7	R4168160	4	· BOLT, 1-1/2"-6 X 16"		
8	N.P.N.	2	· CYLINDER, BUCKET (PAGE 8.15-8.15A)		
			BELLCRANK PIVOT		
9	R4267745	1	· BELLCRANK STRUCTURE, L.H.		
10	R4267744	1	· BELLCRANK STRUCTURE, R.H.		
11	R0801180	32	· BOLT, 1/2"-13 X 1"		
12	R0801181	32	· LOCKWASHER, 1/2"		
13	R4253638	1	· COVER PLATE, LEVEL INDICATOR		
14	R4253639	AR	· SHIM, ROUND - .020"	12	
15	R4168121	4	· BUSHING, CYLINDRICAL - 7" I.D. X 8" O.D. X 5-1/8" - BRONZE		
16	R4168120	2	· SLEEVE, 7" I.D. X 8" O.D. X 7-3/4"		
17	R4168123	2	· PIN, 7" X 17-7/8"		
18	R4253647	3	· PLATE, COVER - PIN		
			LEVEL LINK TO BELLCRANK		
19	R4258356	2	· LEVEL LINK ASSEMBLY		
	R4258350	2	· · LEVEL LINK STRUCTURE		
	R0086881	6	· · PLUG, PIPE - 1", SQ. CSK.		
20	R4168160	2	· BOLT, 1-1/2"-6 X 16"		
21	R4273621	4	· FLATWASHER, 1-1/4" X 8" X 1-9/16"		
22	R4236575	4	· BUSHING, SAWCUT - 8-1/4" O.D.		6/27/17
23	R4231208	4	· RING, RETAINING - INTERNAL - 10-13/16" O.D.		
24	R4231131	2	· BUSHING, SELF-ALIGNING - 6-3/4" I.D. X 10-1/2" O.D.		
25	R4236578	2	· PIN, 6-3/4" X 11"		
26	R4016021	2	· LOCKNUT, 1-1/2"-6 - NYLON		
			STOP BLOCKS - BELLCRANK		
27	R4009525	8	· BOLT, 3/4"-10 X 2-1/4"		
28	R0021542	8	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
29	R4246314	2	· STOP BLOCK		
30	R4168170	AR	· SPACER, 1/8" X 12" X 7"		
31	R4168171	AR	· SPACER, 1/4" X 12" X 7"		
32	R4267734	1	· LIFT ARM STRUCTURE - HIGH LIFT		
			STOP BLOCKS - BUCKET		
33	R4168170	REF	· SPACER, 1/8" X 12" X 7"	4	
34	R4168171	REF	· SPACER, 1/4" X 12" X 7"	4	
35	R4246314	REF	· STOP BLOCK	2	
36	R0021542	REF	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"	8	
37	R4009525	REF	· BOLT, 3/4"-10 X 2-1/4"	8	
			LEVEL LINK TO BUCKET		
38	R4016021	2	· LOCKNUT, 1-1/2"-6 - NYLON		
39	R4273622	4	· FLATWASHER, 1-1/4" X 8" X 1-9/16" - WITH HOLE FOR PIN MEASURMENT		
40	R4236575	4	· BUSHING, SAWCUT - 8-1/4" O.D.		6/27/17
41	R4231208	4	· RING, RETAINING - INTERNAL - 10-13/16" O.D.		

**L-2350-2242 PARTS MANUAL
LIFT ARM AND LINKAGE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
42	R4231131	2	· BUSHING, SELF-ALIGNING - 6-3/4" I.D. X 10-1/2" O.D.		
43	R4236578	2	· PIN, 6-3/4" X 11"		
44	R4168160	2	· BOLT, 1-1/2"-6 X 16"		
45	R4234221	1	· TOOL, MEASUREMENT - PIN DEPTH		
			BUCKET TO LIFT ARM		
46	R4001908	32	· CAPSCREW, 3/4"-10 X 1-3/4"		
47	R4215291	2	· CAP, PIN RETAINER - SHORT		
48	R4215294	AR	· SHIM, 1/32"		
49	R4215293	AR	· SHIM, 1/16"		
50	R4082972	4	· RING, RETAINING - INTERNAL - 5-9/16"		
51	R4215290	4	· CAP, PIN PULLER		
52	R4215289	4	· SLEEVE, 5" I.D. X 5-3/4" O.D. X 5-1/8"		
53	R4168233	4	· SEAL, GREASE		
54	R4215287	4	· BUSHING, THRUST		
55	R4168231	4	· BUSHING, CYLINDRICAL - 5" I.D. X 5-3/4" O.D. X 4-1/2" - BRONZE		
56	R4168235	2	· SPACER, BUSHING		
57	R4215295	2	· PIN, BUCKET PIVOT		
58	R4264335	2	· CAP, PIN RETAINER - INNER		2/5/14
			HOIST CYLINDER TO LIFT ARM		
59	R4169047	2	· NUT, TORQUE - 1-3/4"-5		
60	R4273623	4	· WASHER, HOIST PIVOT - WITH HOLE FOR PIN MEASURMENT		
61	R4267738	4	· BUSHING, SAWCUT - 9-1/2" O.D.		
62	R4241002	4	· RING, RETAINING - INTERNAL - 13-3/8"		
63	R4241000	2	· BUSHING, SELF-ALIGNING - 8-1/2" I.D. X 12-3/4" O.D.		
64	R4267739	2	· PIN, 8-1/2" X 12-5/8"		
65	R4273624	2	· BOLT, 1-3/4"-5 X 18"		
			LIFT ARM PIVOT		
66	R4168163	4	· LINER, BALL - HALF, 14"		
67	R4254640	AR	· SHIM, .007"		
68	R4211949	AR	· SHIM, .018"		
69	R4211950	AR	· SHIM, .030"		
70	R4211970	AR	· SPACER, 1/4"		
71	R4267934	2	· SEAL, BALL - 14"		
	R1510303	AR	· ADHESIVE		
72	R4239340	2	· CAP, BALL - LIFT ARM, 14" - 28 BOLT		
73	R4241671	56	· CAPSCREW, 1-1/4"-7 X 10"		
74	R4167253	8	· FLATWASHER, 1-1/4" X 2-1/8" X 1/8"		3/25/14
75	R4255603	2	· PLATE, TORQUE (SEE NOTE)		
			HOIST CYLINDER PIVOT		
76	N.P.N.	REF	· CYLINDER, HOIST (PAGE 8.14-8.14A)	2	
77	R4168313	REF	· SEAL, BALL - 14" - NITRILE	2	3/7/12
78	R4168163	REF	· LINER, BALL - HALF, 14"	4	3/7/12
79	R4239418	AR	· SHIM, .007"	8	3/7/12
80	R4239419	AR	· SHIM, .018"	8	3/7/12
81	R4239420	AR	· SHIM, .030"	4	3/7/12
82	R4239421	REF	· SPACER, 3/16"	4	3/7/12
83	R4239417	REF	· CAP, BALL - 14", 12 BOLT	2	3/7/12
84	R4233222	REF	· CAPSCREW, 1-1/4"-7 X 6"	24	3/7/12
	R4261318	1	PLATE, LOAD - 150,000 LBS		
	R4040775	1	GRATING STRUCTURE, LIFT ARM STEP		

**L-2350-2242 PARTS MANUAL
LIFT ARM AND LINKAGE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
			NOTE:		
			· DO NOT LEAVE TORQUE PLATE ON BALL CAP. TORQUE PLATE IS FOR BALL CAP BOLT INSTALLATION ONLY.		

**L-2350-2242 PARTS MANUAL
LIFT ARM AND LINKAGE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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**L-2350-2242 PARTS MANUAL
SHEET METAL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4272515		SHEET METAL GROUP		
1	R4272390	1	· HOOD GROUP (PAGE 1.5-1.5B)		
2	R4273729	1	· COWL GROUP (PAGE 1.5-1.5D)		

NONE

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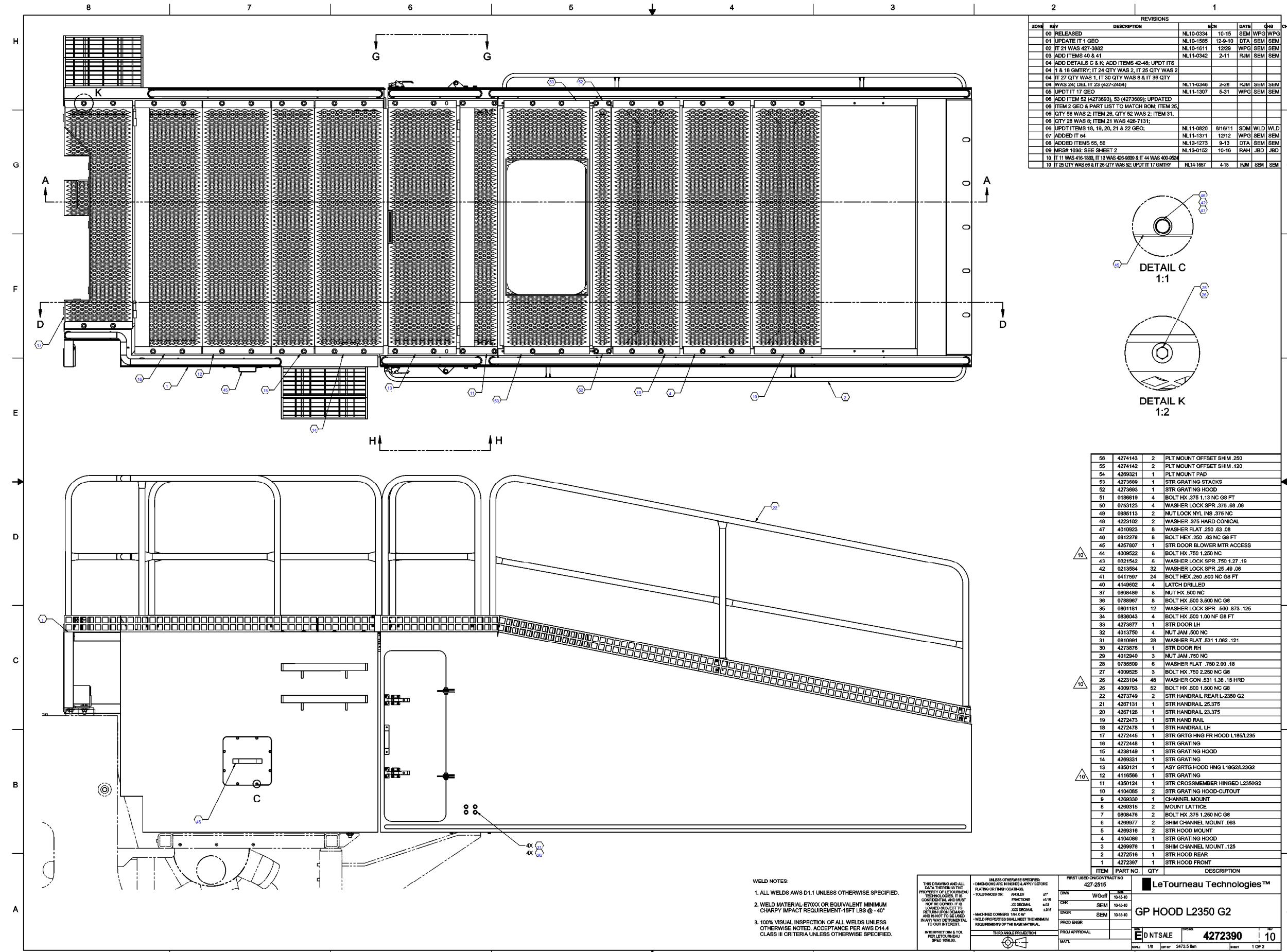
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**L-2350-2242 PARTS MANUAL
SHEET METAL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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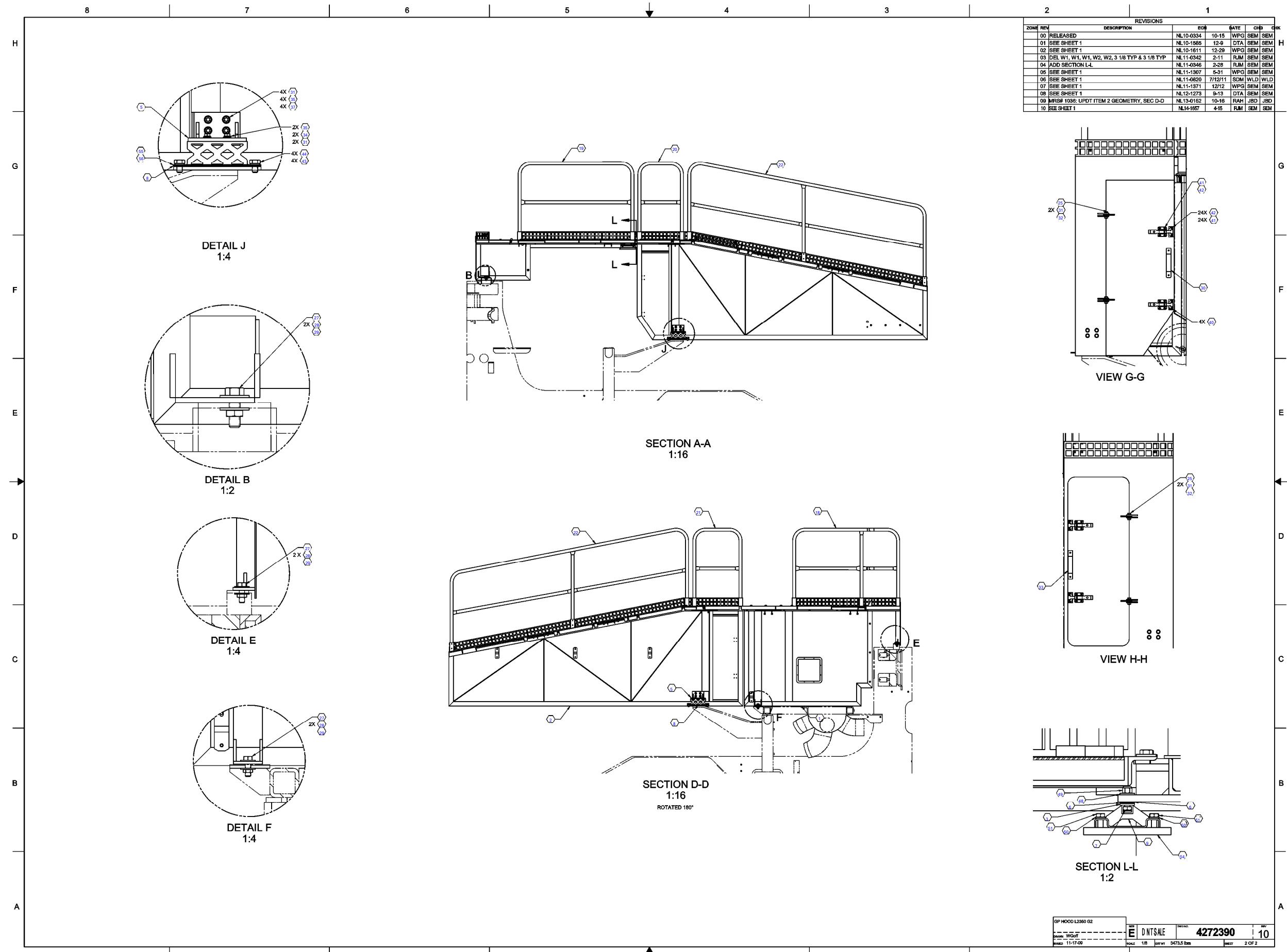
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HOOD GROUP



HOOD GROUP

HOOD GROUP



HOOD GROUP

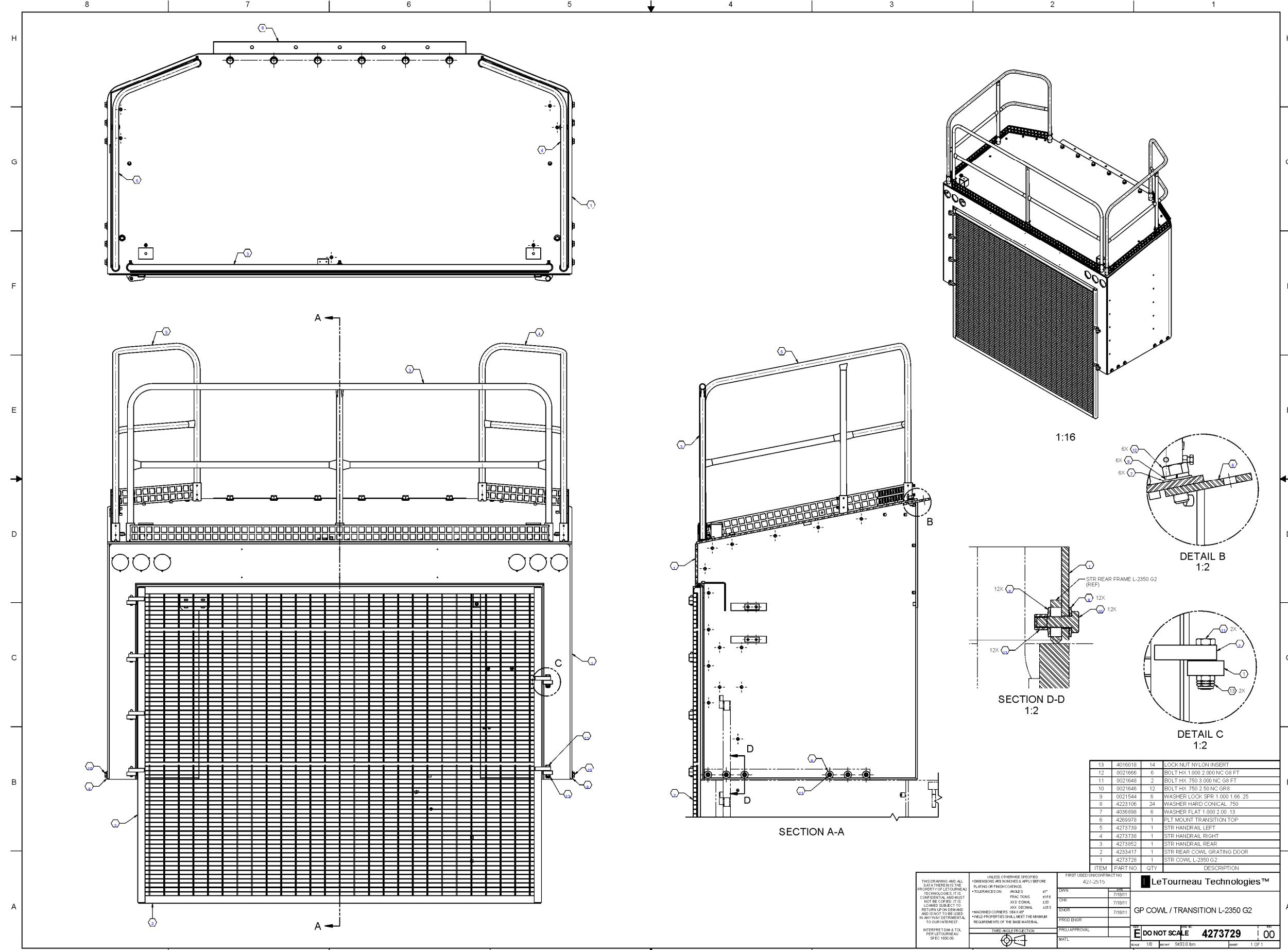
**L-2350-2242 PARTS MANUAL
HOOD GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4272390		HOOD GROUP		
1	R4272397	1	· HOOD STRUCTURE, FRONT		
2	R4272516	1	· HOOD STRUCTURE, REAR		
3	R4269976	1	· SHIM, .125" - CHANNEL MOUNT		
4	R4104086	2	· GRATING STRUCTURE		
5	R4269316	2	· CROSMEMBER STRUCTURE, HOOD		
6	R4269977	1	· SHIM, .063" - CHANNEL MOUNT		
7	R0808476	1	· BOLT, 3/8"-16 X 1-1/4"		
8	R4269315	2	· MOUNT, LATTICE		
9	R4269330	1	· CHANNEL MOUNT		
10	R4104085	2	· GRATING STRUCTURE		
11	R4350124	1	· CROSMEMBER STRUCTURE, HINGED		5/20/14
	R4161333	REF	· CROSMEMBER STRUCTURE, HOOD (EARLY PRODUCTION)		5/20/14
12	R4116566	1	· GRATING STRUCTURE		5/20/14
13	R4350121	1	· GRATING STRUCTURE, HINGED		5/20/14
	R4269339	REF	· GRATING STRUCTURE, HOOD (EARLY PRODUCTION)		5/20/14
14	R4269331	1	· GRATING STRUCTURE		
15	R4238149	1	· GRATING STRUCTURE, HOOD		
16	R4272448	1	· GRATING STRUCTURE		
17	R4272445	1	· GRATING STRUCTURE, HOOD		
18	R4272478	1	· HANDRAIL STRUCTURE, L.H.		
19	R4272473	1	· HANDRAIL STRUCTURE		
20	R4267128	1	· HANDRAIL STRUCTURE, 23-3/8"		
21	R4267131	1	· HANDRAIL STRUCTURE		
22	R4273749	2	· HANDRAIL STRUCTURE, REAR		
23	N.P.N.		· NOT USED		
24	N.P.N.		· NOT USED		
25	R4009753	52	· BOLT, 1/2"-13 X 1-1/2"		5/20/14
26	R4223104	48	· FLATWASHER, 1/2" I.D. X 1-3/8" O.D. X 1/8" - CONICAL		5/20/14
27	R4009525	3	· BOLT, 3/4"-10 X 2-1/4"		
28	R0735509	6	· FLATWASHER, 3/4" I.D. X 2" X 1/8"		
29	R4012940	3	· LOCKNUT, 3/4"-10		
30	R4273876	1	· DOOR STRUCTURE, R.H.		
31	R0810991	28	· FLATWASHER, 1/2" X 1" X 1/8"		
32	R4013750	4	· JAMNUT, 1/2"-13		
33	R4273877	1	· DOOR STRUCTURE, L.H.		
34	R0836043	4	· BOLT, 1/2"-13 X 1"		
35	R0801181	12	· LOCKWASHER, 1/2"		
36	R0788967	8	· BOLT, 1/2"-13 X 3-1/2"		
37	R0808489	8	· NUT, 1/2"-13		
38	N.P.N.		· NOT USED		
39	N.P.N.		· NOT USED		
40	R4149602	4	· LATCH ASSEMBLY, DRILLED HANDLE		
41	R0417597	24	· BOLT, 1/4"-20 X 1/2"		
42	R0213584	32	· LOCKWASHER, 1/4"		
43	R0021542	8	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
44	R4009522	8	· BOLT, 3/4"-10 X 1-1/4"		5/20/14
45	R4257807	1	· DOOR STRUCTURE, BLOWER MOTOR		
46	R0812278	8	· BOLT, 1/4"-20 X 5/8"		
47	R4010923	8	· FLATWASHER, 1/4"		
48	R4223102	2	· FLATWASHER, 3/8" I.D. X 1" O.D. X 1/16" - CONICAL		
49	R0985113	2	· LOCKNUT, 3/8"-16 - NYLON		
50	R0753123	4	· LOCKWASHER, 3/8"		
51	R0186619	4	· BOLT, 3/8"-16 X 1-1/8"		
52	R4273693	1	· GRATING STRUCTURE, HOOD		
53	R4273689	1	· GRATING STRUCTURE, EXHAUST STACKS		
54	R4269321	1	· MOUNT PLATE		

**L-2350-2242 PARTS MANUAL
HOOD GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
55	R4274142	2	· SHIM, MOUNT - 1/8"		
56	R4274143	2	· SHIM, MOUNT - 1/4"		
	REF	DRAWING, HOOD GROUP (R427239010)			5/20/14

COWL GROUP



**L-2350-2242 PARTS MANUAL
COWL GROUP**

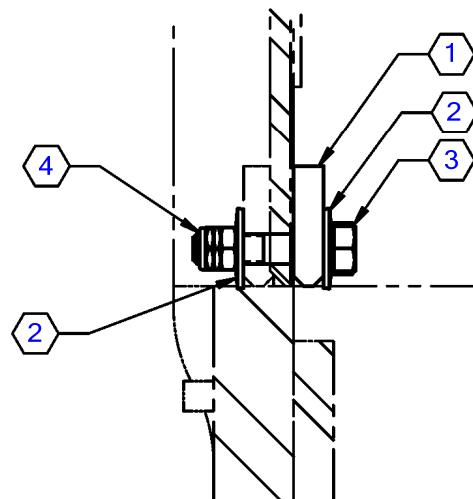
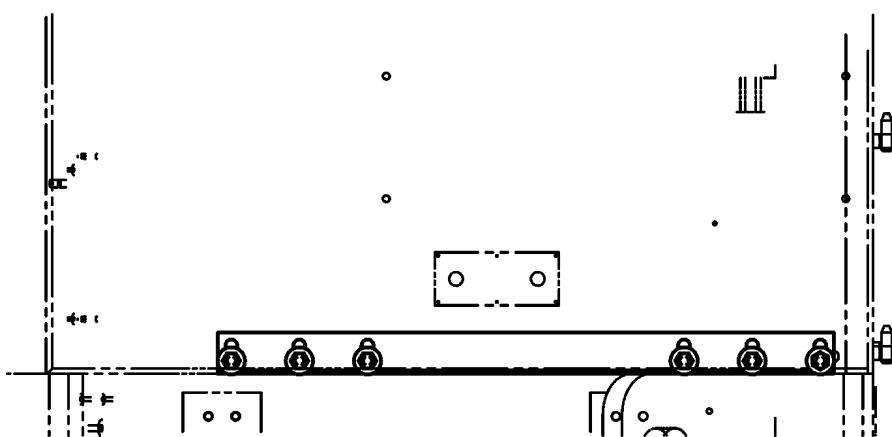
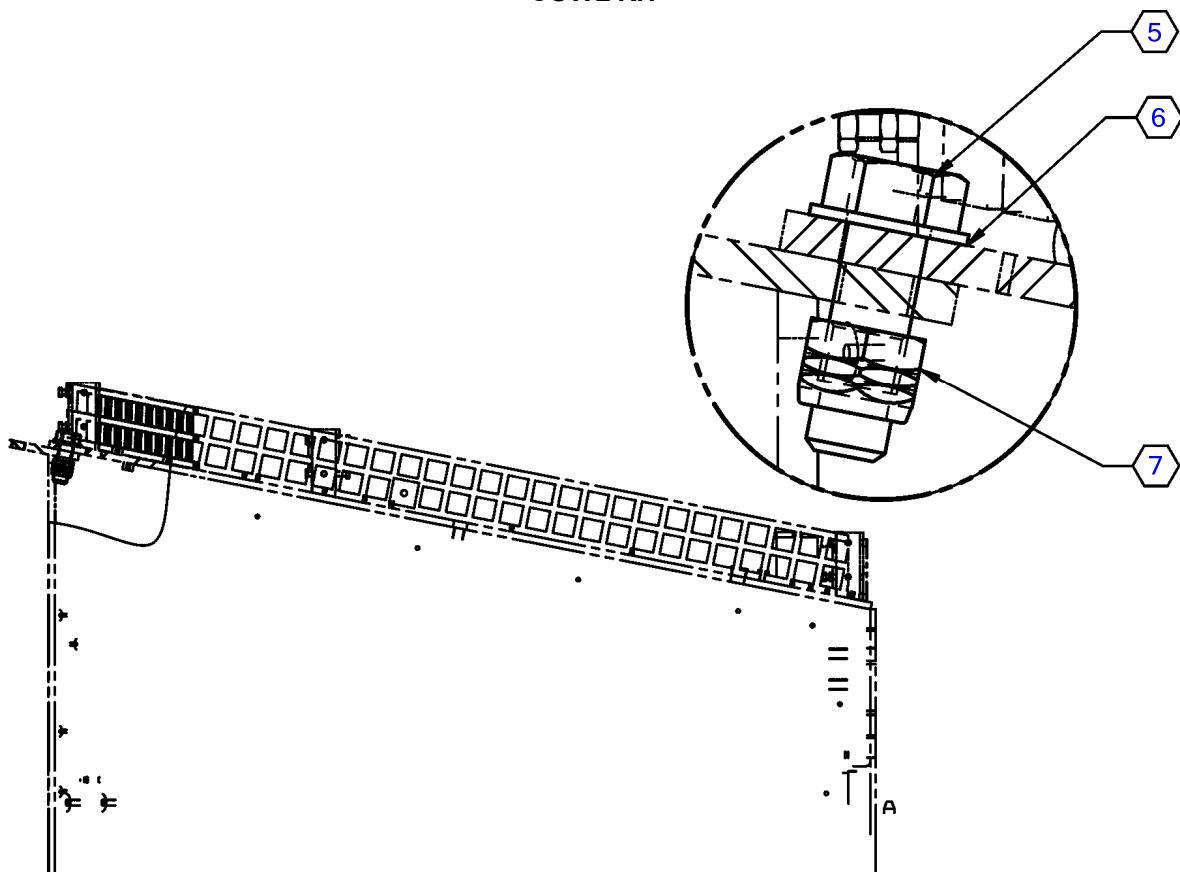
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273729		COWL GROUP		
1	R4273728	1	· REAR COWL STRUCTURE		
2	R4233417	1	· DOOR STRUCTURE, COWL		
3	R4273852	1	· HANDRAIL STRUCTURE, REAR		
4	R4273738	1	· HANDRAIL STRUCTURE, RIGHT		
5	R4273739	1	· HANDRAIL STRUCTURE, LEFT		
6	R4269978	1	· TRANSITION PLATE, REAR COWL		
7	R4036898	6	· FLATWASHER, 1" I.D. X 2" O.D. X 1/8"		
8	R4223106	24	· FLATWASHER, 3/4" I.D. X 2" O.D. X 3/16"- CONICAL		
9	R0021544	6	· LOCKWASHER, 1"		
10	R0021646	12	· BOLT, 3/4"-10 X 2-1/2"		
11	R0021648	2	· BOLT, 3/4"-10 X 3"		
12	R0021666	6	· BOLT, 1"-8 X 2"		
13	R4016018	14	· LOCKNUT, 3/4"-10 - NYLON		
		REF	DRAWING, COWL GROUP (R427372900)		

**L-2350-2242 PARTS MANUAL
COWL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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COWL KIT



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COWL KIT

**L-2350-2242 PARTS MANUAL
COWL KIT**

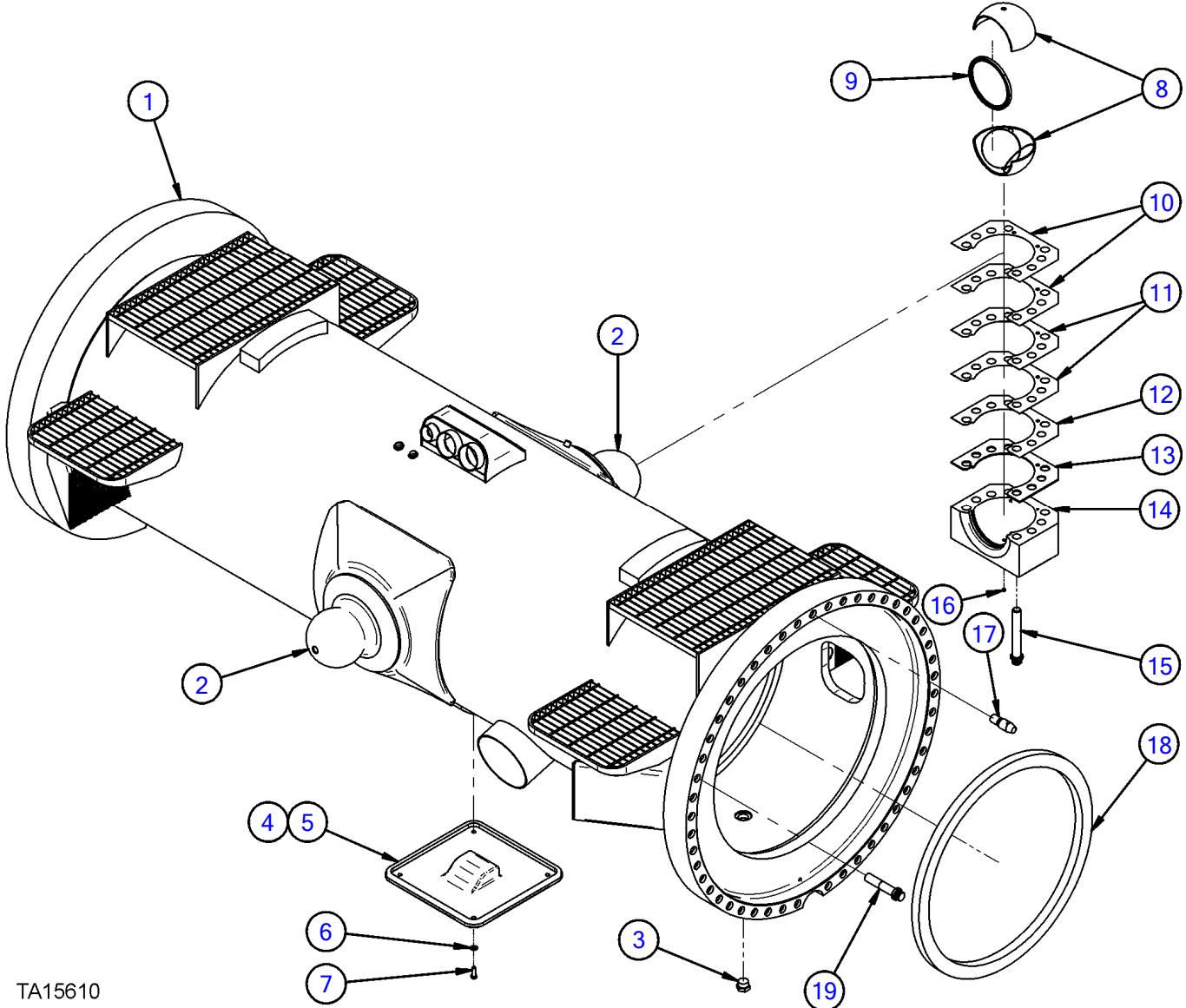
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4281588		COWL KIT		
1	R4247793	2	· COWL MOUNT		
2	R4223106	24	· FLATWASHER, 3/4" I.D. X 2" O.D. X 3/16"- CONICAL		
3	R0021650	12	· BOLT, 3/4"-10 X 3-1/2"		
4	R4016018	12	· LOCKNUT, 3/4"-10 - NYLON		
5	R0021668	6	· BOLT, 1"-8 X 3"		
6	R4036898	6	· FLATWASHER, 1" I.D. X 2" O.D. X 1/8"		
7	R4016019	6	· LOCKNUT, 1"-8 - NYLON		
		REF	DRAWING, COWL KIT (R428158801)		

**L-2350-2242 PARTS MANUAL
COWL KIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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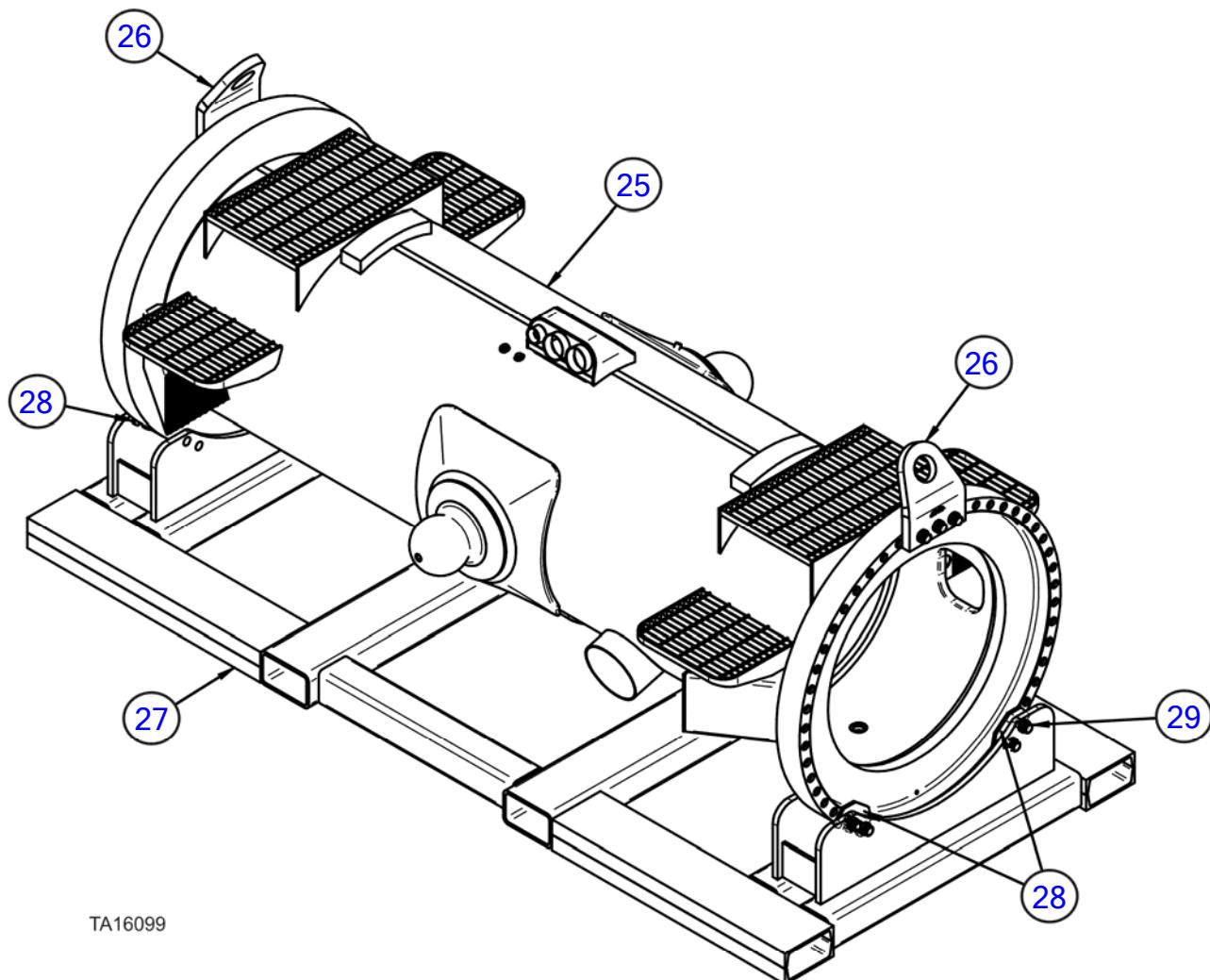
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REAR AXLE GROUP



REAR AXLE GROUP

REAR AXLE GROUP



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REAR AXLE GROUP

**L-2350-2242 PARTS MANUAL
REAR AXLE GROUP**

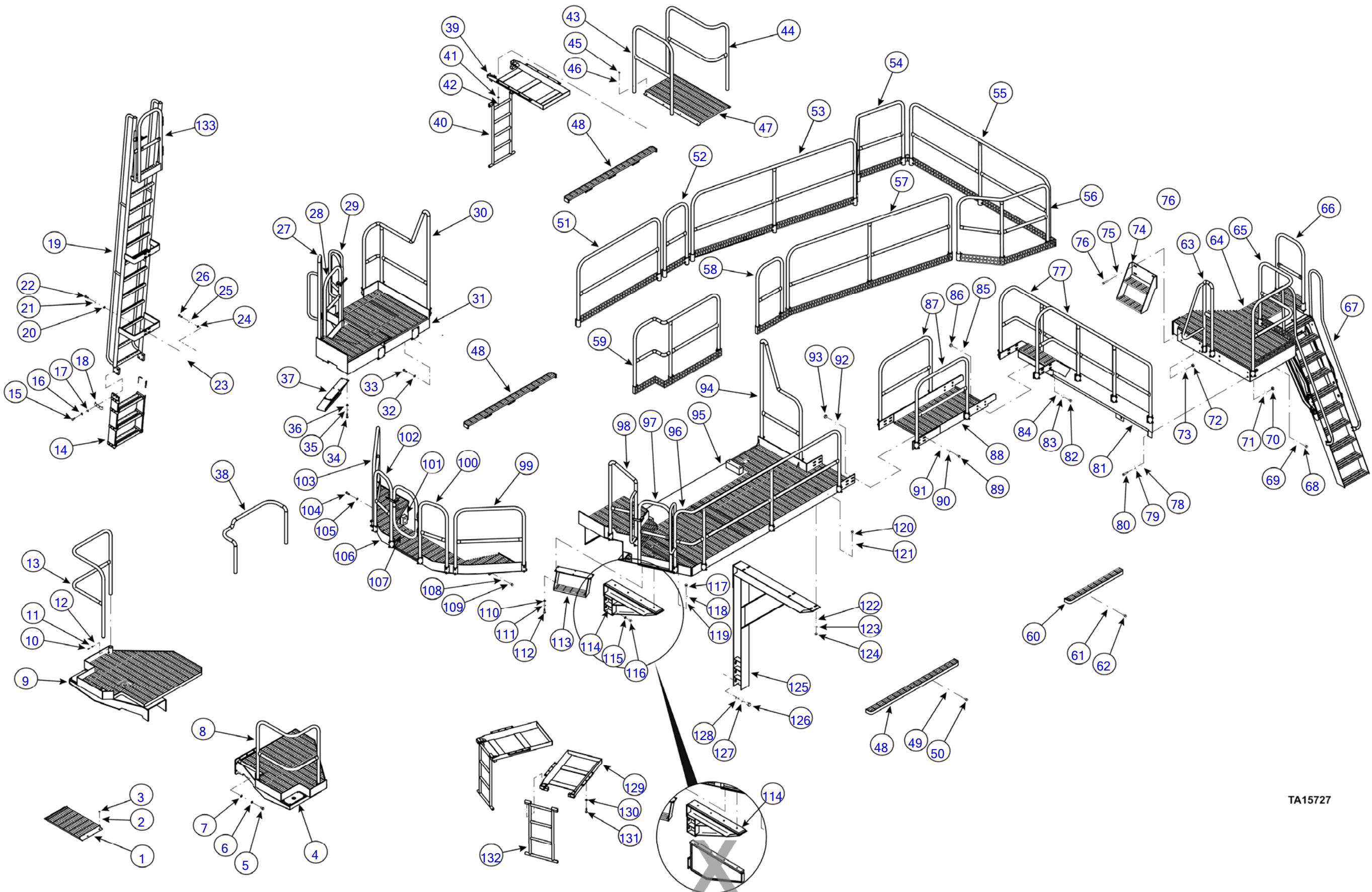
Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4292059			REAR AXLE GROUP (-1)		
1	N.P.N.	1		· AXLE STRUCTURE, REAR (SEE NOTE 1)		
2	R4168156	2		· · BALL AND BASE, REAR AXLE PIVOT - 9", WELDED ON (SEE NOTE 2)		
3	R4223348	2		· PLUG, PIPE - 1-1/4", HEX HD.		
4	R4272716	1		· COVER GROUP, AXLE ACCESS		
5	R4240850	1		· · COVER ASSEMBLY, AXLE ACCESS		
	R4060985	7	FT	· · · SEAL, SPONGE - 5/8" X 5/8"		
	R4030823	AR		· · · SEALANT/ADHESIVE, SILICONE - 10.7-OZ., CLEAR		
6	R4062661	4		· · FLATWASHER, 1/2" I.D. X 1" O.D. X 1/32" - CONICAL		
7	R4009753	4		· · BOLT, 1/2"-13 X 1-1/2"		
8	R4119458	4		· LINER, BALL - 9"		
9	R4267936	2		· SEAL, BALL - 9" - NITRILE		
10	R4103654	AR		· SHIM, .007"		
11	R4133261	AR		· SHIM, .018"		
12	R4116771	AR		· SHIM, .030"		
13	R4133260	AR		· SPACER, 3/16"		
14	R4254630	2		· CAP, BALL - 9", 8 BOLT		
15	R4243968	16		· CAPSCREW, 1-1/4"-7 X 8-1/2"		
16	R0716331	2		· PLUG, PIPE - 1/8", HEX CSK.		
17	R4253537	REF		· DOWEL PIN, 1-1/4"-7 - DRIVER TO AXLE HOUSING	2	
18	R4269651	REF		· SEAL, AXLE/MOTOR	2	
19	R4233222	REF		· CAPSCREW, 1-1/4"-7 X 6"		
		1		NOTE 1:		
	R4272712S	1		REAR AXLE WITH SHIPPING SKID		
25	R4272712	1		· AXLE STRUCTURE, REAR		
	R1039550	1		· REAR AXLE SKID ASSEMBLY		
26	R1038910	2		· · LIFTING EYE, AXLE		
27	R1039506	1		· · SKID STRUCTURE, REAR AXLE		
28	R1039509	4		· · SPACER PLATE, REAR AXLE		
29	R4161357	14		· · CAPSCREW, 1-1/4"-7 X 3-1/2"		
				NOTE 2:		
				· FACTORY WELDING INSTALLATION PROCEDURES MUST BE FOLLOWED FOR INSTALLATION OF		
				· THESE BALLS AND FAILURE TO DO SO COULD DAMAGE THE MACHINE AND VOID ANY REMAINING		
				· WARRANTY. THESE PROCEDURES ARE PUBLISHED. PLEASE CONTACT YOUR JOY GLOBAL		
				· PRODUCT SUPPORT REPRESENTATIVE IF YOU HAVE ANY QUESTION OR NEED ASSISTANCE.		

**L-2350-2242 PARTS MANUAL
REAR AXLE GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
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LADDER AND CATWALK GROUP



TA15727

LADDER AND CATWALK GROUP

**L-2350-2242 PARTS MANUAL
LADDER AND CATWALK GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
			LADDER AND CATWALK GROUP (L-2350 G2) (PL-651)		2/8/17
1	R4040775	1	GRATING STRUCTURE, LIFT ARM STEP		
2	R0801181	4	LOCKWASHER, 1/2"		
3	R4009752	4	BOLT, 1/2"-13 X 1-1/4"		
4	R4272418	1	CATWALK STRUCTURE/LIGHT POLE MOUNT, FRONT - L.H.		
5	R4009522	7	BOLT, 3/4"-10 X 1-1/4"		
6	R0021542	7	LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
7	R4016046	7	FLATWASHER, 3/4" X 1-1/2" X 1/8"		
8	R4272440	1	HANDRAIL STRUCTURE		
9	R4272407	1	CATWALK STRUCTURE/LIGHT POLE MOUNT, FRONT - R.H.		
10	R4009522	7	BOLT, 3/4"-10 X 1-1/4"		
11	R0021542	7	LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
12	R4016046	7	FLATWASHER, 3/4" X 1-1/2" X 1/8"		
13	R4272414	1	HANDRAIL STRUCTURE		
14	R4273973	1	STEP SIDE, 3-STEP - FLEXIBLE		
	R4273971	2	· STEP SIDE, 3-STEP - FLEXIBLE		
	R4105812	3	· STEP STRUCTURE		
	R4062661	12	· FLATWASHER, 1/2" I.D. X 1" O.D. X 1/32" - CONICAL		
	R0827222	12	· BOLT, 1/2"-13 X 2"		
	R4103804	6	· RETAINER		
15	R0808488	8	BOLT, 1/2"-13 x 2-1/4"		
16	R0801181	8	LOCKWASHER, 1/2"		
17	R0810991	8	FLATWASHER, 1/2" X 1" X 1/8"		
18	R4103804	4	RETAINER		
19	R4273136	1	LADDER STRUCTURE , R.H.		
20	R0810991	8	FLATWASHER, 1/2" X 1" X 1/8"		
21	R0801181	8	LOCKWASHER, 1/2"		
22	R0827222	8	BOLT, 1/2" -13 X 2"		
23	R4168328	2	PAD, MOUNT - LADDER		
24	R4009753	8	BOLT, 1/2"-13 X 1-1/2"		
25	R0801181	8	LOCKWASHER, 1/2"		
26	R4210449	8	FLATWASHER, 1/2" I.D. X 1-1/2" O.D X 1/4"		
27	R4276806	1	HANDRAIL STRUCTURE		
28	R4273133	1	GATE STRUCTURE		
29	R4273167	1	HANDRAIL STRUCTURE WITH HANDLE		
30	R4276839	1	HANDRAIL STRUCTURE, CATWALK - R.H.		
31	R4273134	1	HANDRAIL STRUCTURE, R.H.		
32	R4223104	8	FLATWASHER, 1/2" I.D. X 1-3/8" O.D. X 1/8" - CONICAL		
33	R4009752	8	BOLT, 1/2"-13 X 1-1/4"		
34	R4009640	6	BOLT, 3/8"-16 X 1-1/2"		
35	R0753123	6	LOCKWASHER, 3/8"		
36	R0808221	6	FLATWASHER, 3/8"		
37	R4274171	1	STEP STRUCTURE, ONE STEP		
38	R4350114	1	HANDRAIL STRUCTURE		
39	R4276764	1	LADDER HOUSING, R.H.		
40	R4276768	1	LADDER STRUCTURE		
41	R0810971	8	BOLT, 3/8"-16 X 1"		
42	R0233042	8	FLATWASHER, 3/8"		
43	R4272460	1	HANDRAIL STRUCTURE		
44	R4276783	1	HANDRAIL STRUCTURE, LOWER R.H. CATWALK		
45	R0810970	8	BOLT, 3/8"-16 X 3/4"		
46	R0808221	8	FLATWASHER, 3/8"		
47	R4274268	1	GRATING STRUCTURE, CATWALK - R.H.		
48	R4277754	3	GRATING STRUCTURE EXTENSION, 68"		
49	R0808221	18	FLATWASHER, 3/8"		
50	R0808476	18	BOLT, 3/8"-16 X 1-1/4"		
51	R4272473	1	HANDRAIL STRUCTURE		
52	R4277283	1	HANDRAIL STRUCTURE		

**L-2350-2242 PARTS MANUAL
LADDER AND CATWALK GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
53	R4273676	1	HANDRAIL STRUCTURE, SIDE HOOD		
54	R4277288	1	HANDRAIL STRUCTURE, RIGHT		
55	R4267588	1	HANDRAIL STRUCTURE, 106"		
56	R4277305	1	HANDRAIL STRUCTURE, LEFT		
57	R4273676	1	HANDRAIL STRUCTURE, SIDE HOOD		
58	R4277287	1	HANDRAIL STRUCTURE		
59	R4272478	1	HANDRAIL STRUCTURE, L.H.		
60	R4277755	1	GRATING STRUCTURE EXTENSION, 52-1/2"		
61	R0808221	4	FLATWASHER, 3/8"		
62	R0808476	4	BOLT, 3/8"-16 X 1-1/4"		
63	R4276860	1	HANDRAIL STRUCTURE		
64	R4275792	1	CATWALK STRUCTURE, COWL		9/24/14
65	R4276857	1	HANDRAIL STRUCTURE, REAR - L.H.		9/24/14
66	R4218779	1	HANDRAIL STRUCTURE		
67	R4256855	1	LADDER ASSEMBLY, REAR ACCESS (PAGE 1.8-1.8B)		
68	R0025762	18	BOLT, 5/8"-11 X 1-1/2"		
69	R4223105	18	FLATWASHER, 5/8" I.D. X 1-3/4" O.D. X 1/8"- CONICAL		
70	R0198721	4	NUT, 5/8"-11		4/25/16
71	R0021541	4	LOCKWASHER, 5/8"		4/25/16
72	R0808489	4	NUT, 1/2"-13		
73	R4223104	4	FLATWASHER, 1/2" I.D. X 1-3/8" O.D. X 1/8" - CONICAL		
74	R4276870	1	STEP STRUCTURE, TWO STEP		
75	R0810991	4	FLATWASHER, 1/2" X 1" X 1/8"		
76	R4009753	4	BOLT, 1/2" -13 X 1-1/2"		
77	R4276840	2	HANDRAIL STRUCTURE, STAIR		
78	R4286556	4	FLATWASHER, 11/16" I.D. X 1-3/4" O.D. X 3/16"		4/25/16
79	R0021541	4	LOCKWASHER, 5/8"		
80	R0021631	4	BOLT, 5/8"-11 X 2-1/4"		4/25/16
81	R4272683	1	STAIR STRUCTURE		
82	R0021631	8	BOLT, 5/8"-11 X 2-1/4"		
83	R0021541	8	LOCKWASHER, 5/8"		
84	R4010925	8	FLATWASHER, 5/8" I.D. X 1-5/16" O.D. X 1/8"		
85	R4010925	8	FLATWASHER, 5/8" I.D. X 1-5/16" O.D. X 1/8"		
86	R0198721	8	NUT, 5/8"-11		
87	R4276848	2	HANDRAIL STRUCTURE		9/24/14
88	R4272695	1	CATWALK STRUCTURE, TIRE WALKWAY		9/24/14
89	R0021630	8	BOLT, 5/8"-11 X 2"		
90	R0021541	8	LOCKWASHER, 5/8"		
91	R4010925	8	FLATWASHER, 5/8" I.D. X 1-5/16" O.D. X 1/8"		
92	R4010925	8	FLATWASHER, 5/8" I.D. X 1-5/16" O.D. X 1/8"		
93	R0198721	8	NUT, 5/8"-11		
94	R4276830	1	HANDRAIL STRUCTURE		
95	R4272685	1	CATWALK STRUCTURE, CAB - L.H.		
96	R4273120	1	HANDRAIL STRUCTURE, CAB - L.H.		
97	R4273142	1	GATE STRUCTURE		
98	R4276822	1	HANDRAIL STRUCTURE		
99	R4276851	1	HANDRAIL STRUCTURE , OUTER		
100	R4269950	1	HANDRAIL STRUCTURE, FRONT INNER L.H.		
101	R4273979	1	MOUNT EXTENSION		
102	R4264586	1	HANDRAIL STRUCTURE, FRONT INNER R.H.		
103	R4276851	1	HANDRAIL STRUCTURE , OUTER		
104	R4009754	4	BOLT, 1/2"-13 X 1"		
105	R4223104	4	FLATWASHER, 1/2" I.D. X 1-3/8" O.D. X 1/8" CONICAL		
106	R4273921	1	CATWALK STRUCTURE, FRONT		
107	R4269951	1	GATE STRUCTURE, FRONT - MIDDLE		
108	R4223104	10	FLATWASHER, 1/2" I.D. X 1-3/8" O.D. X 1/8" CONICAL		
109	R0801180	10	BOLT, 1/2"-13 X 1"		
110	R0808221	6	FLATWASHER, 3/8"		

**L-2350-2242 PARTS MANUAL
LADDER AND CATWALK GROUP**

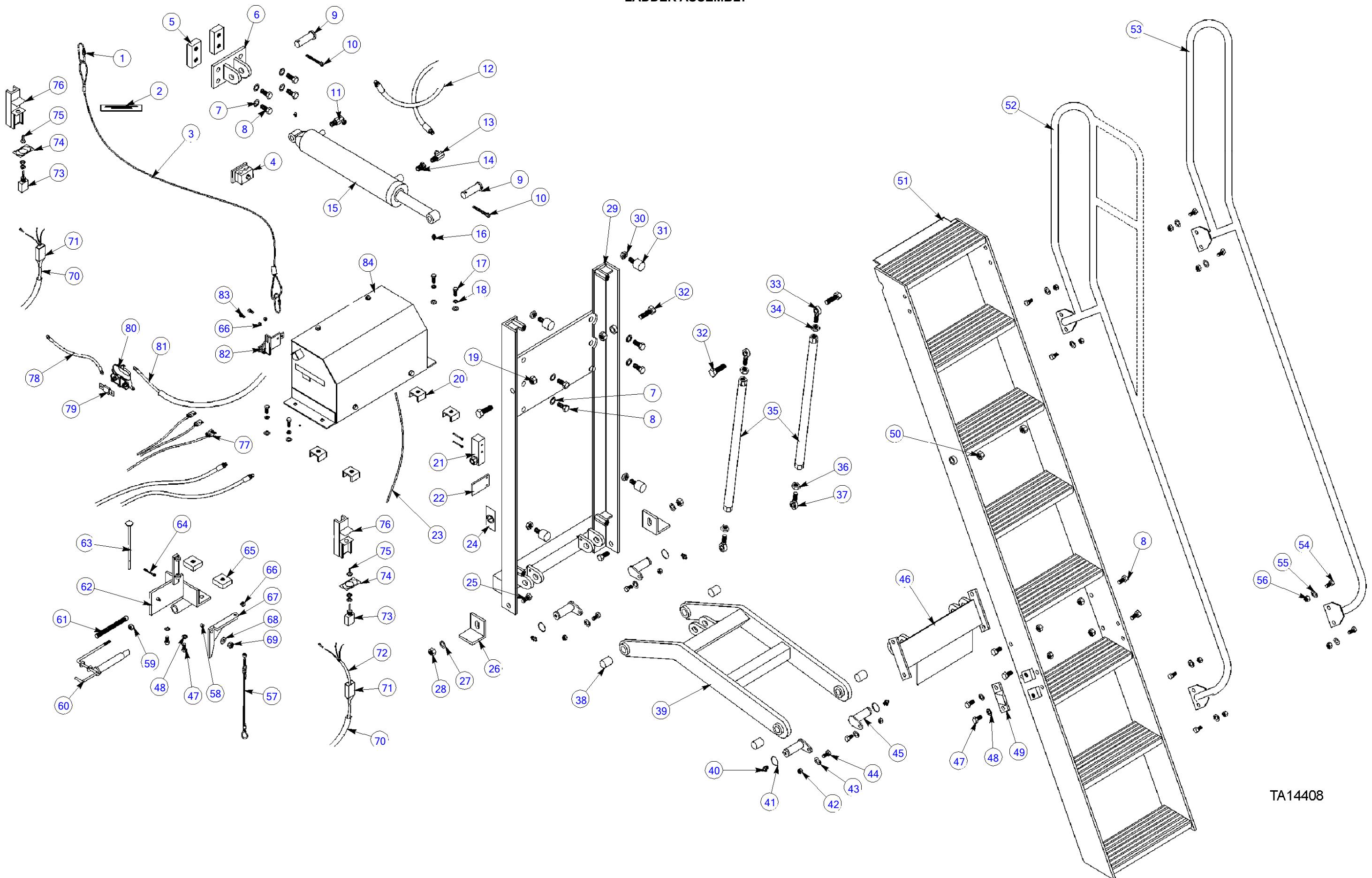
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
111	R0753123	6	LOCKWASHER, 3/8"		
112	R4009640	6	BOLT, 3/8"-16 X 1-1/2"		
113	R4274171	1	STEP STRUCTURE, ONE STEP		
114	R4278598	1	CATWALK STRUCTURE, CAB MOUNT		10/9/15
115	R4286557	4	FLATWASHER, 13/16" I.D. X 2" O.D. X 1/4" - HARDENED		2/8/17
116	R0021649	4	BOLT, 3/4"-10 X 3-1/4"		2/8/17
	R4016018	4	LOCKNUT, 3/4"-10 - NYLON		2/8/17
117	R0025762	4	BOLT, 5/8"-11 X 1-1/2"		
118	R0021541	4	LOCKWASHER, 5/8"		
119	R4010925	4	FLATWASHER, 5/8" I.D. X 1-5/16" O.D. X 1/8"		
120	R0021629	6	BOLT, 5/8"-11 X 1-3/4"		
121	R4010925	6	FLATWASHER, 5/8"		
122	R4010925	6	FLATWASHER, 5/8"		
123	R0021541	6	LOCKWASHER, 5/8"		
124	R0198721	6	NUT, 5/8"-11		
125	R4272698	1	SUPPORT BEAM, REAR - REAR ACCESS PLATFORM STRUCTURE		
126	R0979531	6	BOLT, 1"-8 X 1-1/2"		
127	R0021544	6	LOCKWASHER 1"		
128	R4036898	6	FLATWASHER, 1" I.D. X 2" O.D. X 1/8"		
129	R4276796	2	LADDER HOUSING, PIVOT AREA ACCESS		
130	R0233042	16	FLATWASHER, 3/8"		
131	R0810971	16	BOLT, 3/8"-16 X 1"		
132	R4276794	2	LADDER STRUCTURE, PIVOT AREA ACCESS		10/9/15
133	R4269912	1	GATE STRUCTURE, LADDER		

**L-2350-2242 PARTS MANUAL
LADDER AND CATWALK GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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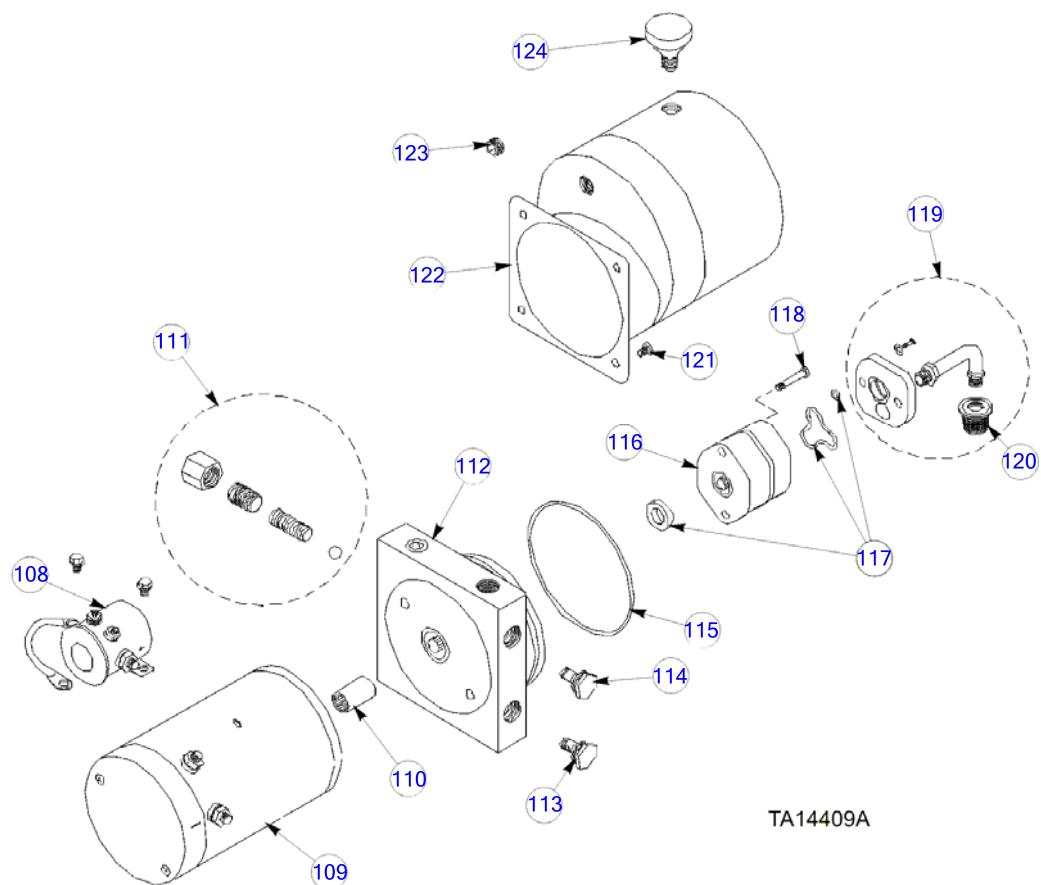
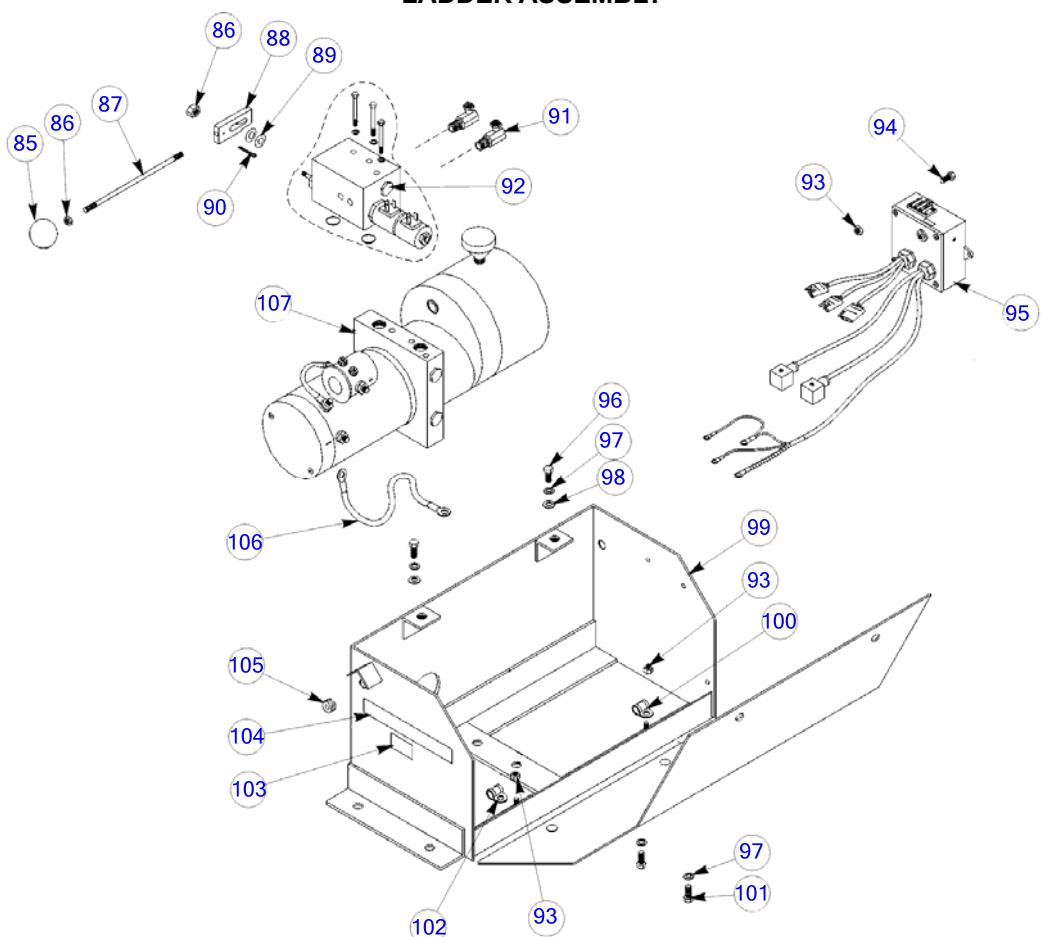
LADDER ASSEMBLY



TA14408

LADDER ASSEMBLY

LADDER ASSEMBLY



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LADDER ASSEMBLY

**L-2350-2242 PARTS MANUAL
LADDER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4256855		LADDER ASSEMBLY, REAR ACCESS		5/8/17
1	R4270023	2	· LINK		9/2/15
2	R4270024	1	· LABEL, PULL CABLE		9/2/15
3	R4270025	1	· CABLE, PULL		9/2/15
4	R4258468	1	· CLAMP, HOSE - DOUBLE		9/2/15
5	R4258169	2	· MOUNT BLOCK		9/2/15
6	R4258170	1	· MOUNT, CYLINDER - REAR		9/2/15
7	R0021541	8	· LOCKWASHER, 5/8"		3/3/10
8	R0025762	12	· BOLT, 5/8"-11 X 1-1/2"		3/3/10
9	R4270029	2	· PIN, CYLINDER		9/2/15
10	R4270030	2	· PIN, COTTER - 3/16" X 2"		9/2/15
11	R4270031	1	· ELBOW, 1/4" X 90 deg. - .094" ORIFICE		9/2/15
12	R4270032	2	· HOSE, 65"		9/2/15
13	R4270033	1	· ELBOW, 1/4" X 90 deg. - .078" ORIFICE		9/2/15
14	R4270034	1	· ADAPTER, #4 FJ X 3/8" MP		9/2/15
15	R4258395	1	· CYLINDER		
16	R4270035	1	· GREASE FITTING		9/2/15
17	R0810971	4	· BOLT, 3/8"-16 X 1"		3/3/10
18	R0753123	4	· LOCKWASHER, 3/8"		3/3/10
19	R4016031	4	· LOCKNUT, 3/4"-16 - NYLON		3/3/10
20	R4258167	4	· MOUNT BLOCK		9/2/15
21	R4260076	1	· SWITCH, LIMIT - PROXIMITY		
22	R4270037	1	· BRACKET, LIMIT SWITCH		9/2/15
23	R4270038	1	· WIRE, MACHINE CONTROL		9/2/15
24	R4270039	1	· DECAL, CAUTION		9/2/15
25	R0021630	2	· BOLT, 5/8"-11 X 2"		3/3/10
26	R4258166	2	· MOUNT ANGLE, LOWER		9/2/15
27	R4010925	2	· FLATWASHER, 5/8" I.D. X 1-5/16" O.D. X 1/8"		3/3/10
28	R0537156	2	· LOCKNUT, 5/8"-11		3/3/10
29	R4258387	1	· BRACKET, LADDER		
30	R0180666	4	· JAMNUT, 5/8"-11		3/3/10
31	R4258392	4	· BUMPER, STOP		
32	R4009824	4	· BOLT, 3/4"-16 X 2-1/2"		5/8/17
33	R4271741	2	· ROD END, 3/4"-16 - R.H.		9/2/15
34	R4256387	2	· JAMNUT, 3/4"-16 - R.H.		5/8/17
35	R4258393	2	· TURNBUCKLE TUBE		
36	R4060197	2	· JAMNUT, 3/4"-16 - L.H.		5/8/17
37	R4271742	2	· ROD END, 3/4"-16 - L.H.		9/2/15
38	R4271743	4	· BEARING, 1"		9/2/15
39	R4258388	1	· FRAME STRUCTURE, LIFT		
40	R4271744	3	· GREASE FITTING		9/2/15
41	R4271745	4	· RING, RETAINING - EXTERNAL, 1"		9/2/15
42	R0985114	4	· LOCKNUT, 3/8"-24		3/3/10
43	R0233042	8	· FLATWASHER, 3/8"		3/3/10
44	R4010393	4	· BOLT, 3/8"-24 X 1-1/4"		3/3/10
45	R4258394	4	· PIN, PIVOT		
46	R4271746	1	· LIFT PLATE		9/2/15
47	R0801180	4	· BOLT, 1/2"-13 X 1"		3/3/10
48	R0801181	4	· LOCKWASHER, 1/2"		3/3/10
49	R4271747	1	· LATCH PLATE		9/2/15
50	R4016031	4	· LOCKNUT, 3/4"-16 - NYLON		3/3/10
51	R4258386	1	· LADDER		
52	R4258390	1	· HANDRAIL, L.H.		
53	R4258391	1	· HANDRAIL, R.H.		
54	R4009753	8	· BOLT, 1/2"-13 X 1-1/2"		3/3/10
55	R0810991	8	· FLATWASHER, 1/2" X 1" X 1/8"		3/3/10
56	R4016017	8	· LOCKNUT, 1/2"-13 - NYLON		3/3/10
57	R4271748	1	· LATCH PULL		9/2/15

**L-2350-2242 PARTS MANUAL
LADDER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
58	R4271749	1	· BEARING, 3/8"		9/2/15
59	R0985113	1	· LOCKNUT, 3/8"-16 - NYLON		3/3/10
60	R4258397	1	· LATCH PIN		
61	R4271750	1	· SPRING		9/2/15
62	R4271751	1	· LATCH BRACKET		9/2/15
63	R4258398	1	· LATCH PUSH ROD		
64	R4271752	1	· PIN, COTTER - 1/8" X 1"		9/2/15
65	R4258168	2	· MOUNT BLOCK		9/2/15
66	R4016029	3	· LOCKNUT, 1/2"-20 - NYLON		3/3/10
67	R4271754	1	· LATCH LEVER		9/2/15
68	R0043735	1	· FLATWASHER, 5/16"		3/3/10
69	R4008438	1	· LOCKNUT, 5/16"-18 - NYLON		3/3/10
70	R4271755	1	· WIRE HARNESS		9/2/15
71	R4258661	2	· BOOT, SWITCH		
72	R4271756	1	· WIRE HARNESS, LOWER SWITCH		9/2/15
73	R4258660	2	· SWITCH, TOGGLE		
74	R4271757	2	· DECAL, SWITCH		9/2/15
75	R4271758	2	· BOOT, TOGGLE		9/2/15
76	R4271759	2	· SWITCH, BRACKET		9/2/15
77	R4271760	1	· WIRE HARNESS, LIMIT SWITCH		9/2/15
78	R4271761	1	· CABLE, BATTERY - 30"		9/2/15
79	R4258663	1	· FUSE, 250A		
80	R4258662	1	· FUSE HOLDER		
81	R4271762	1	· CABLE, BATTERY - 8'		9/2/15
82	R4258396	1	· LEVER ASSEMBLY, VALVE		
83	N.P.N.	2	· BOLT, 1/4"-20 X 1"		
84	R4258389	1	· POWER UNIT MODULE		
85	R4270000	1	·· KNOB, 1/4"		9/2/15
86	R0985113	2	·· LOCKNUT, 3/8"-16 - NYLON		3/3/10
87	R4270001	1	·· ROD, VALVE RELEASE		9/2/15
88	R4270002	1	·· SLIDE, VALVE RELEASE		9/2/15
89	R4010923	2	·· FLATWASHER, 1/4"		3/3/10
90	R4270003	1	·· PIN, COTTER		9/2/15
91	R4270004	2	·· ELBOW, 1/4" X 90 deg.		9/2/15
92	R4261317	1	·· VALVE ASSEMBLY		
	R4261308	1	··· VALVE, CARTRIDGE - 4-WAY		
	R4261309	1	··· VALVE, RELIEF		
	R4261310	1	··· VALVE, RELEASE		
93	R4016015	4	·· LOCKNUT, 1/4"-20 - NYLON		3/3/10
94	R0810986	2	·· BOLT, 1/4"-20 X 3/4"		3/3/10
95	R4258664	1	·· CONTROL BOX ASSEMBLY		
	R4261305	1	··· ALARM		
	R4261306	1	··· RELAY		
	R4261307	1	··· BREAKER, 10A		
96	R0810971	2	·· BOLT, 3/8"-16 X 1"		3/3/10
97	R0753123	4	·· LOCKWASHER, 3/8"		3/3/10
98	R0233042	2	·· FLATWASHER, 3/8"		3/3/10
99	R4270005	1	·· ENCLOSURE		9/2/15
100	R4270006	1	·· CLAMP, WIRE - 3/8"		9/2/15
101	R0810970	2	·· BOLT, 3/8"-16 X 3/4"		3/3/10
102	R4270007	1	·· CLAMP, WIRE - 3/4"		9/2/15
103	R4270008	1	·· LABEL, SHORT		9/2/15
104	R4270009	1	·· LABEL, LONG		9/2/15
105	R4270010	1	·· GROMMET		9/2/15
106	R4270011	1	·· CABLE, GROUND		9/2/15
107	R4260138	1	·· POWER UNIT ASSEMBLY		
108	R4261314	1	··· SOLENOID ASSEMBLY		3/19/12
109	R4261315	1	··· MOTOR, 24V		3/19/12

**L-2350-2242 PARTS MANUAL
LADDER ASSEMBLY**

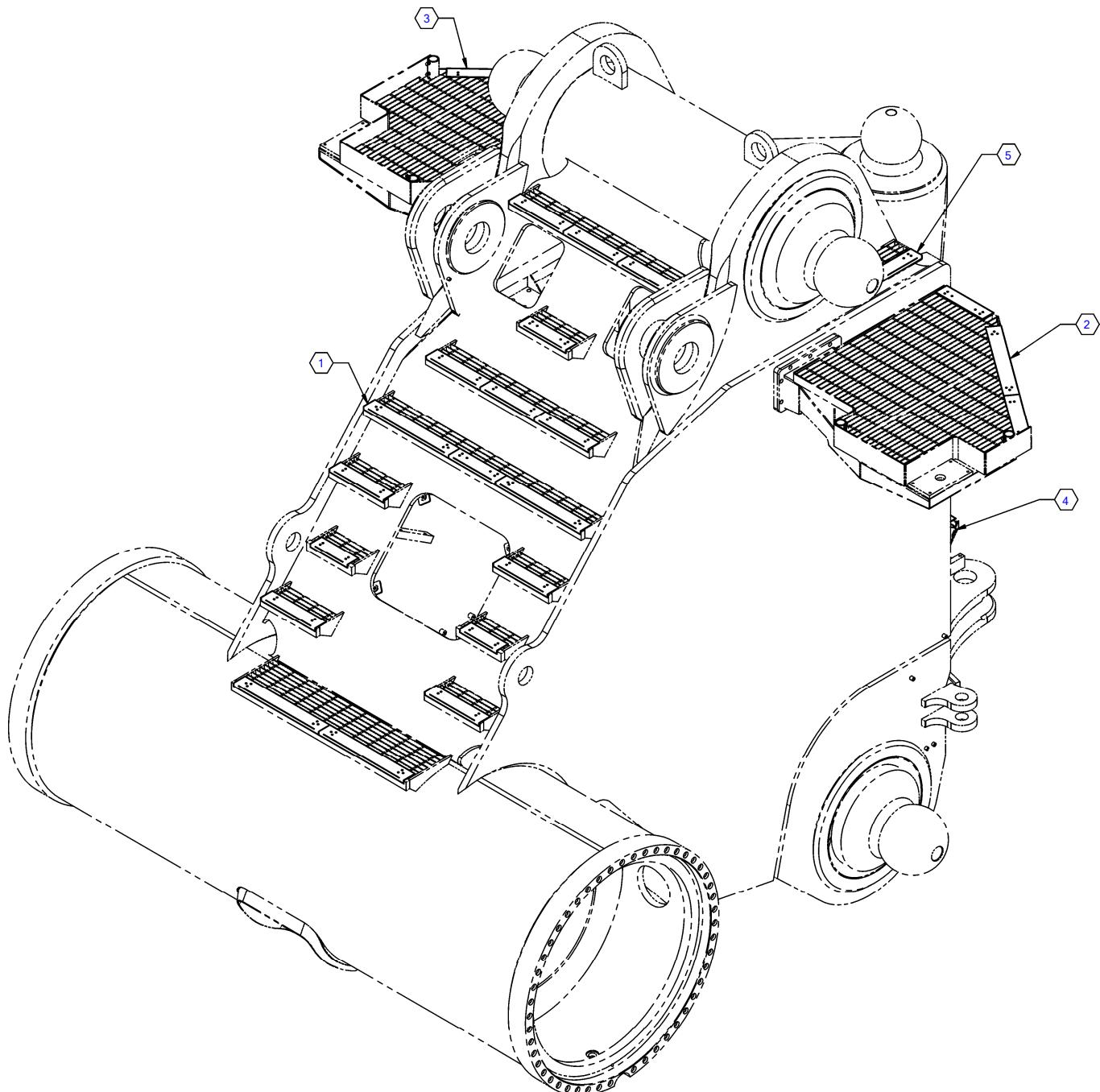
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
110	R4261316	1	... COUPLING		3/19/12
111	R4261304	1	... VALVE, RELIEF		3/19/12
112	R4270012	1	... MOUNT, MOTOR/PUMP		9/2/15
113	R4270013	1	... VALVE, CHECK		9/2/15
114	R4270014	1	... PLUG, CAVITY		9/2/15
115	R4270015	1	... O-RING		9/2/15
116	R4261303	1	... PUMP ASSEMBLY		
117	R4261302	1	... O-RING KIT, PUMP		
118	R4270016	2	... BOLT		9/2/15
119	R4270017	1	... INLET PLUMBING KIT		9/2/15
120	R4270018	1	... FILTER		9/2/15
121	R4270019	4	... BOLT		9/2/15
122	R4270020	1	... RESERVOIR		9/2/15
123	R4270021	1	... PLUG		9/2/15
124	R4270022	1	... BREather		9/2/15

**L-2350-2242 PARTS MANUAL
LADDER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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CATWALK ANTI SLIP GROUP - FRONT FRAME



CATWALK ANTISLIP GROUP - FRONT FRAME

L-2350-2242 PARTS MANUAL
CATWALK ANTISLIP GROUP - FRONT FRAME

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4275780		CATWALK ANTISLIP GROUP - FRONT FRAME		
1	R4274214	1	· ANTISLIP GROUP - FRONT FRAME ENTRANCE		
	R4273908	1	· · STEP COVER - ANTISLIP, 15"		
	R4273902	2	· · STEP COVER - ANTISLIP, 13"		
	R4273927	6	· · SCREW, #12-24 X 2-1/2"		
2	R4275786	1	· ANTISLIP GROUP - FRONT FRAME, FRONT		
	R4273908	10	· · STEP COVER - ANTISLIP, 15"		
	R4274025	4	· · STEP COVER - ANTISLIP, 23-1/2"		
	R4273902	2	· · STEP COVER - ANTISLIP, 13"		
	R4273904	2	· · STEP COVER - ANTISLIP, 10-1/4"		
	R4273927	36	· · SCREW, #12-24 X 2-1/2"		
	R4273946	36	· · SADDLE ASSEMBLY WITH SCREW AND NUT		
3	R4274219	2	· ANTISLIP GROUP - SIDE STEPS		
	R4273902	2	· · STEP COVER - ANTISLIP, 13"		
	R4273946	4	· · SADDLE ASSEMBLY WITH SCREW AND NUT		
4	R4275765	1	· ANTISLIP GROUP - LIGHT POLE CATWALK L.H.		
	R4273908	1	· · STEP COVER - ANTISLIP, 15"		
	R4273902	1	· · STEP COVER - ANTISLIP, 13"		
	R4274025	1	· · STEP COVER - ANTISLIP, 23-1/2"		
	R4273927	6	· · SCREW, #12-24 X 2-1/2"		
5	R4275766	1	· ANTISLIP GROUP - LIGHT POLE CATWALK R.H.		
	R4273908	2	· · STEP COVER - ANTISLIP, 15"		
	R4273968	1	· · STEP COVER - ANTISLIP, 17-3/4"		
	R4273927	6	· · SCREW, #12-24 X 2-1/2"		
		REF	DRAWING, CATWALK ANTISLIP GROUP - FRONT FRAME (R427578000)		

**L-2350-2242 PARTS MANUAL
CATWALK ANTISLIP GROUP - FRONT FRAME**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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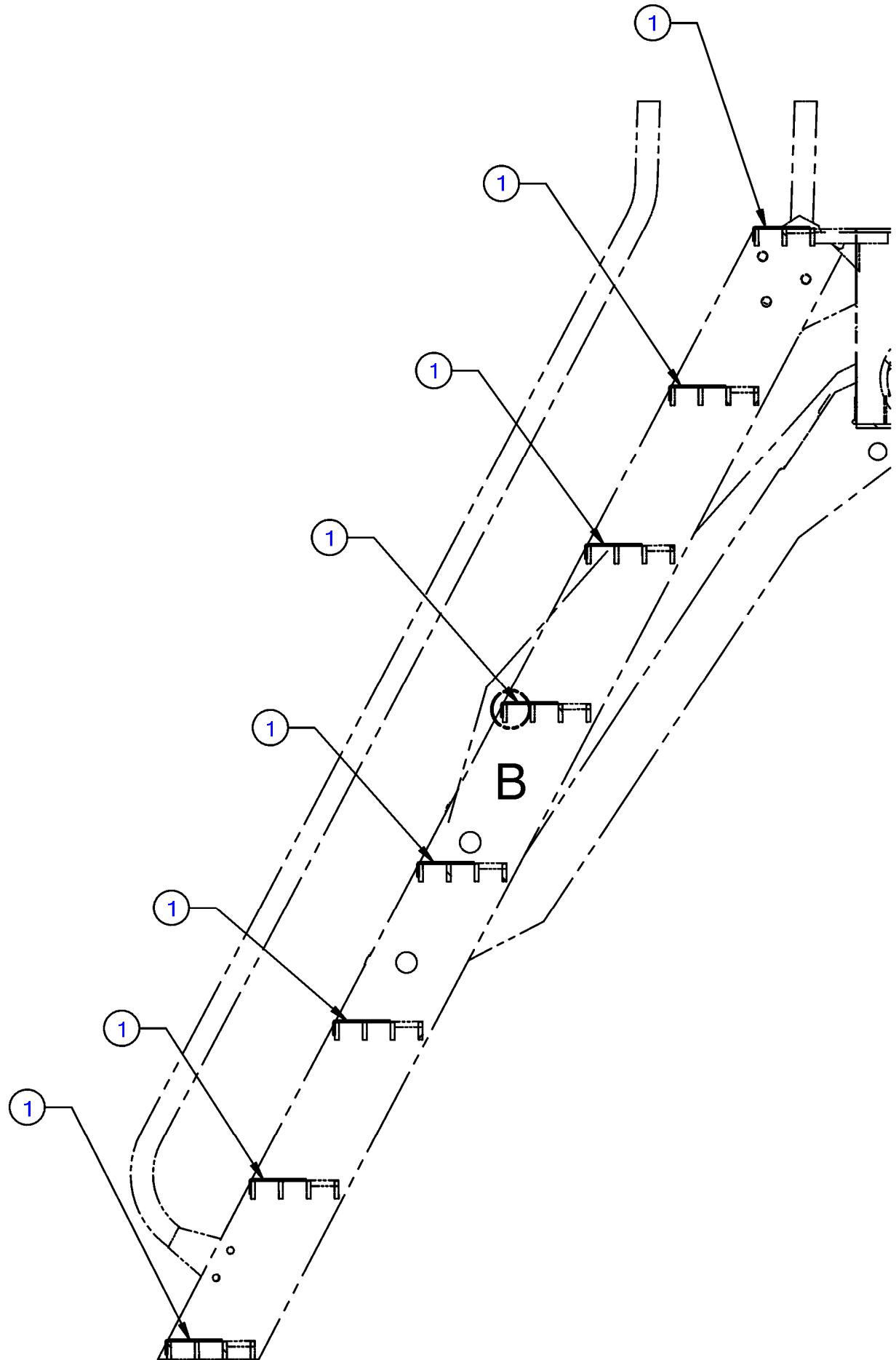
L-2350-2242 PARTS MANUAL
CATWALK ANTISLIP GROUP - REAR FRAME

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4275779		CATWALK ANTISLIP GROUP - REAR FRAME L-2350 G2		
1	R4275782	1	· ANTISLIP GROUP - REAR AXLE		
	R4273891	8	· · NOSING ASSEMBLY, 17-3/4"		
	R4273968	8	· · · STEP COVER - ANTISLIP, 17-3/4"		
	R4273946	16	· · · SADDLE ASSEMBLY WITH SCREW AND NUT		
2	R4275783	1	· ANTISLIP GROUP - RIGHT FRONT CATWALK		
	R4273891	5	· · NOSING ASSEMBLY, 17-3/4"		
	R4273968	5	· · · STEP COVER - ANTISLIP, 17-3/4"		
	R4273946	10	· · · SADDLE ASSEMBLY WITH SCREW AND NUT		
	R4274028	1	· · NOSING ASSEMBLY, 13"		
	R4273902	1	· · · STEP COVER - ANTISLIP, 13"		
	R4273946	2	· · · SADDLE ASSEMBLY WITH SCREW AND NUT		
3	R4273974	1	· ANTISLIP GROUP - SR CABINET LADDER		
	R4273914	5	· · STEP COVER - ANTISLIP, 11-7/8"		
	R4273912	1	· · ADHESIVE - SIKAFLX 291, 10.5 OUNCE TUBE		
4	R4274133	1	· ANTISLIP GROUP - STAIRWAY		
	R4274158	9	· · NOSING ASSEMBLY, 23-5/8"		
	R4274025	9	· · · STEP COVER - ANTISLIP, 23-5/8"		
	R4273946	18	· · · SADDLE ASSEMBLY WITH SCREW AND NUT		
5	R4274130	1	· ANTISLIP GROUP - RIGHT SIDE LADDER		
	R4273913	12	· · STEP COVER - ANTISLIP, 17-3/4"		
	R4273912	1	· · ADHESIVE - SIKAFLX 291, 10.5 OUNCE TUBE		
6	R4274134	1	· ANTISLIP GROUP - RIGHT SIDE CATWALK		
	R4274049	3	· · NOSING ASSEMBLY, 17-3/4"		
	R4273968	3	· · · STEP COVER - ANTISLIP, 17-3/4"		
	R4273927	6	· · · SCREW, #12-24 X 2-1/2"		
	R4273909	1	· · NOSING ASSEMBLY, 15"		
	R4273908	1	· · · STEP COVER - ANTISLIP, 15"		
	R4273927	2	· · · SCREW, #12-24 X 2-1/2"		
	R4273891	1	· · NOSING ASSEMBLY, 17-3/4"		
	R4273968	1	· · · STEP COVER - ANTISLIP, 17-3/4"		
	R4273946	2	· · · SADDLE ASSEMBLY WITH SCREW AND NUT		
7	R4274135	1	· ANTISLIP GROUP - LEFT SIDE CATWALK		
	R4274156	1	· · NOSING ASSEMBLY, 28"		
	R4273910	1	· · · STEP COVER - ANTISLIP, 28"		
	R4273927	2	· · · SCREW, #12-24 X 2-1/2"		
	R4274158	1	· · NOSING ASSEMBLY, 23-5/8"		
	R4274025	1	· · · STEP COVER - ANTISLIP, 23-5/8"		
	R4273946	2	· · · SADDLE ASSEMBLY WITH SCREW AND NUT		
	R4274049	1	· · NOSING ASSEMBLY, 17-3/4"		
	R4273968	1	· · · STEP COVER - ANTISLIP, 17-3/4"		
	R4273927	2	· · · SCREW, #12-24 X 2-1/2"		
	R4273891	1	· · NOSING ASSEMBLY, 17-3/4"		
	R4273968	1	· · · STEP COVER - ANTISLIP, 17-3/4"		
	R4273946	2	· · · SADDLE ASSEMBLY WITH SCREW AND NUT		
8	R4274129	1	· ANTISLIP GROUP - RIGHT SIDE REAR ACCESS		
	R4273914	5	· · STEP COVER - ANTISLIP, 21-3/4"		
	R4273912	1	· · ADHESIVE - SIKAFLX 291, 10.5 OUNCE TUBE		
9	R4274138	1	· ANTISLIP GROUP - FRONT FLEXSTEP		
	R4273913	6	· · STEP COVER - ANTISLIP, 13"		
	R4273912	1	· · ADHESIVE - SIKAFLX 291, 10.5 OUNCE TUBE		
10	R4276800	2	· ANTISLIP GROUP - LADDER PIVOT LONG		
	R4273914	8	· · STEP COVER - ANTISLIP, 17-3/4"		
	R4273912	1	· · ADHESIVE - SIKAFLX 291, 10.5 OUNCE TUBE		
11	R4274213	1	· ANTISLIP GROUP - RIGHT SIDE REAR ACCESS		
	R4274026	1	· · NOSING ASSEMBLY, 21-3/4"		
	R4273898	1	· · · STEP COVER - ANTISLIP, 21-3/4"		
	R4273946	2	· · · SADDLE ASSEMBLY WITH SCREW AND NUT		

L-2350-2242 PARTS MANUAL
CATWALK ANTISLIP GROUP - REAR FRAME

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
12	R4274131	1	· ANTISLIP GROUP - HOOD		
	R4274158	2	· · NOSING ASSEMBLY, 23-5/8"		
	R4274025	2	· · · STEP COVER - ANTISLIP, 23-5/8"		
	R4273946	4	· · · SADDLE ASSEMBLY WITH SCREW AND NUT		
	R4274026	2	· · · NOSING ASSEMBLY, 21-3/4"		
	R4273898	2	· · · STEP COVER - ANTISLIP, 21-3/4"		
	R4273946	4	· · · SADDLE ASSEMBLY WITH SCREW AND NUT		
	R4274029	1	· · · NOSING ASSEMBLY, 21-3/4"		
	R4273898	1	· · · STEP COVER - ANTISLIP, 21-3/4"		
	R4273927	2	· · · SCREW, #12-24 X 2-1/2"		
	R4273900	1	· · · NOSING ASSEMBLY, 23-5/8"		
	R4274025	1	· · · STEP COVER - ANTISLIP, 23-5/8"		
	R4273927	2	· · · SCREW, #12-24 X 2-1/2"		
13	R4274132	1	· ANTISLIP GROUP - FRONT CATWALK		
	R4274049	3	· · NOSING ASSEMBLY, 17-3/4"		
	R4273968	3	· · · STEP COVER - ANTISLIP, 17-3/4"		
	R4273927	6	· · · SCREW, #12-24 X 2-1/2"		
	R4275779	REF	CATWALK ANTISLIP GROUP - REAR FRAME (01)		

CATWALK ANTI SLIP GROUP - POWERSTEP LADDER



CATWALK ANTISLIP GROUP - POWERSTEP LADDER

L-2350-2242 PARTS MANUAL
CATWALK ANTISLIP GROUP - POWERSTEP LADDER

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4275776		CATWALK ANTISLIP GROUP - POWERSTEP LADDER		
1	R4274204	8	· STEP COVER - ANTISLIP, 15"		
	R4273946	16	· · SADDLE ASSEMBLY WITH SCREW AND NUT		
		REF	DRAWING, CATWALK ANTISLIP GROUP - POWERSTEP LADDER (R427577600)		

**L-2350-2242 PARTS MANUAL
CATWALK ANTSLIP GROUP - POWERSTEP LADDER**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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**L-2350-2242 PARTS MANUAL
OPERATOR SEAT AND CONTROLS**

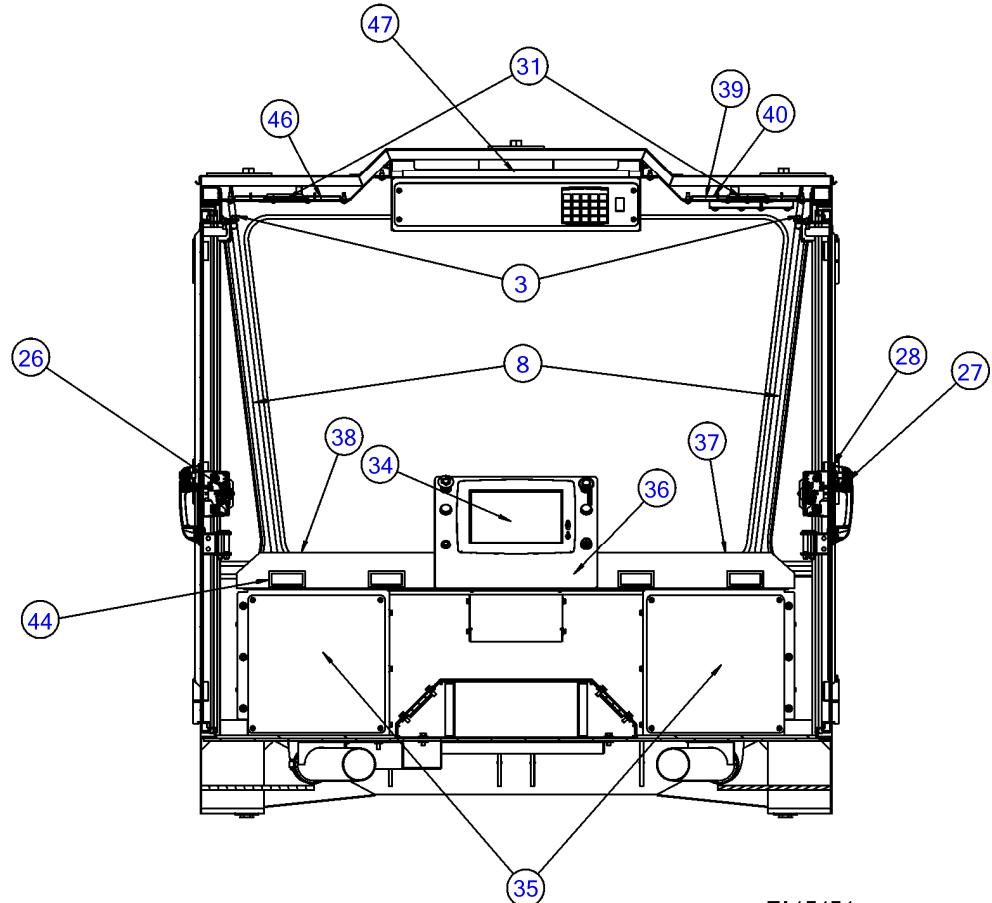
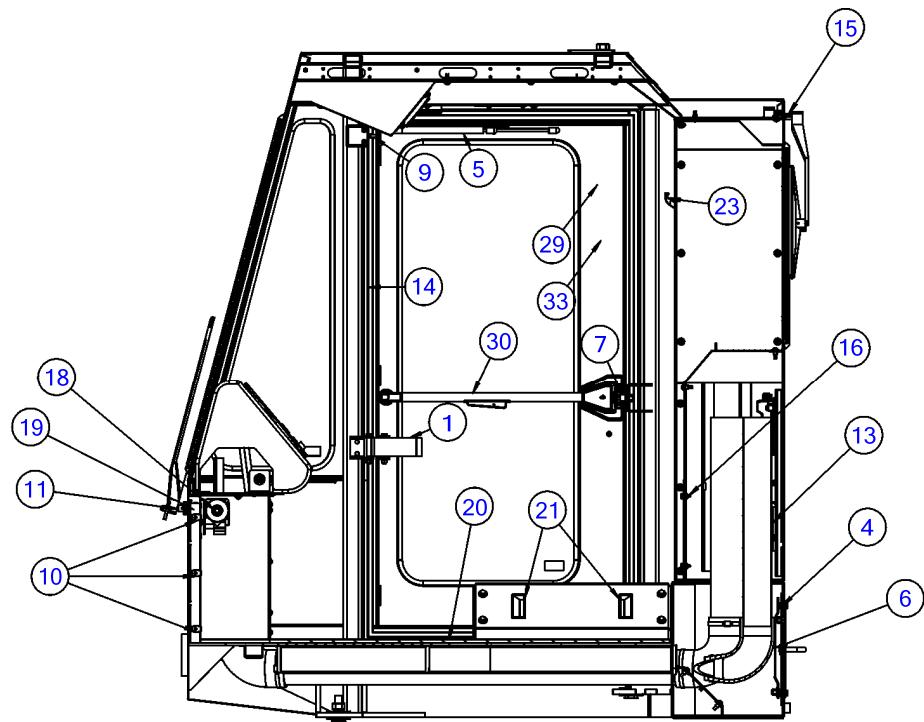
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
			OPERATOR SEAT AND CONTROLS (PL-632)		
			NOTE:		
			· OPERATOR SEAT AND CONTROLS PARTS SEE PAGE 1.19-1.19A		
			· INSTRUMENT PANEL AND CONSOLE PARTS SEE PAGE 5.82-5.82A		

**L-2350-2242 PARTS MANUAL
OPERATOR SEAT AND CONTROLS**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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CAB ASSEMBLY



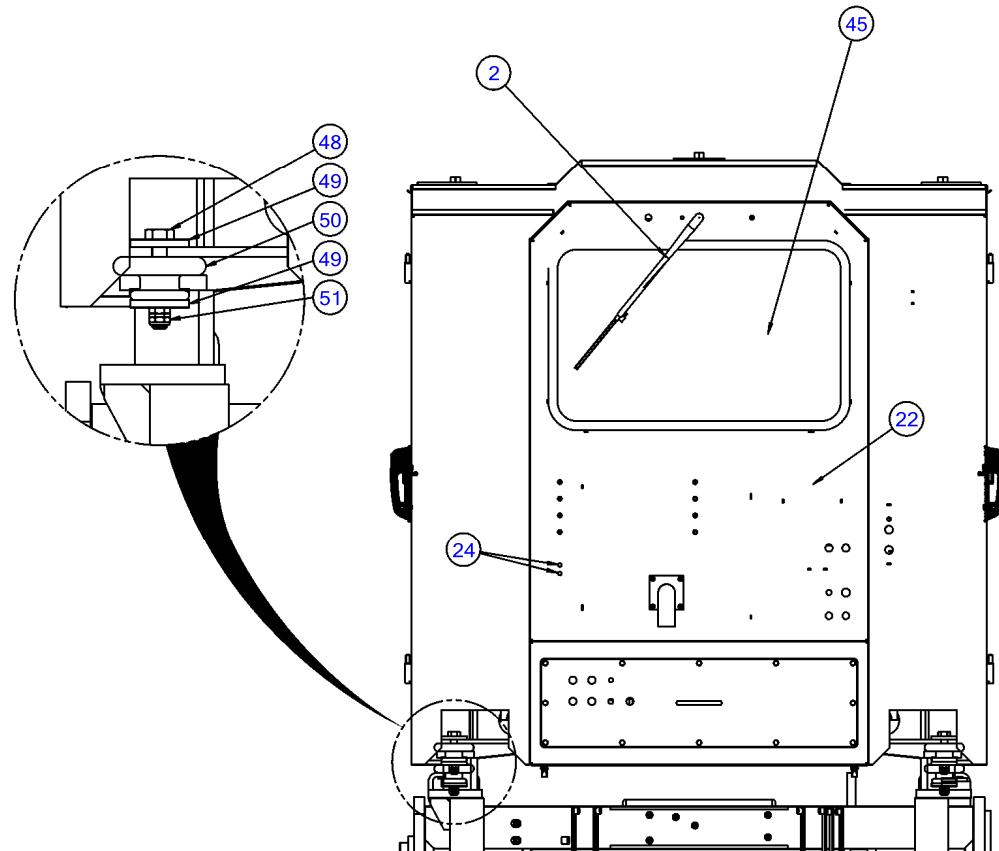
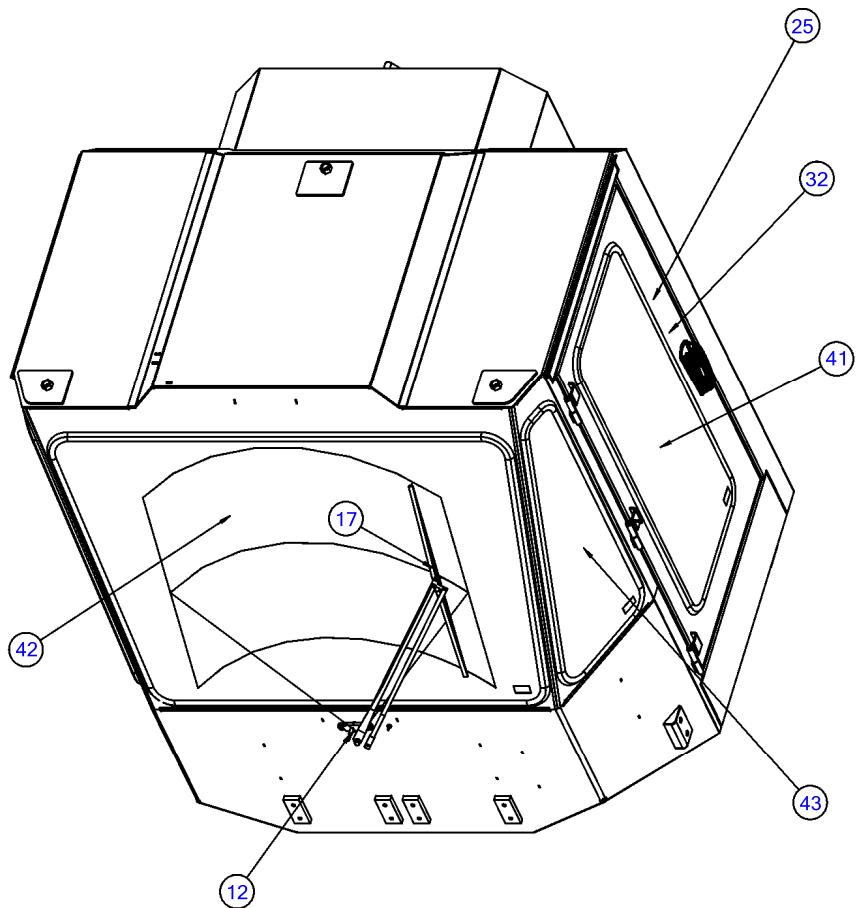
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CAB ASSEMBLY

CAB ASSEMBLY



CAB ASSEMBLY

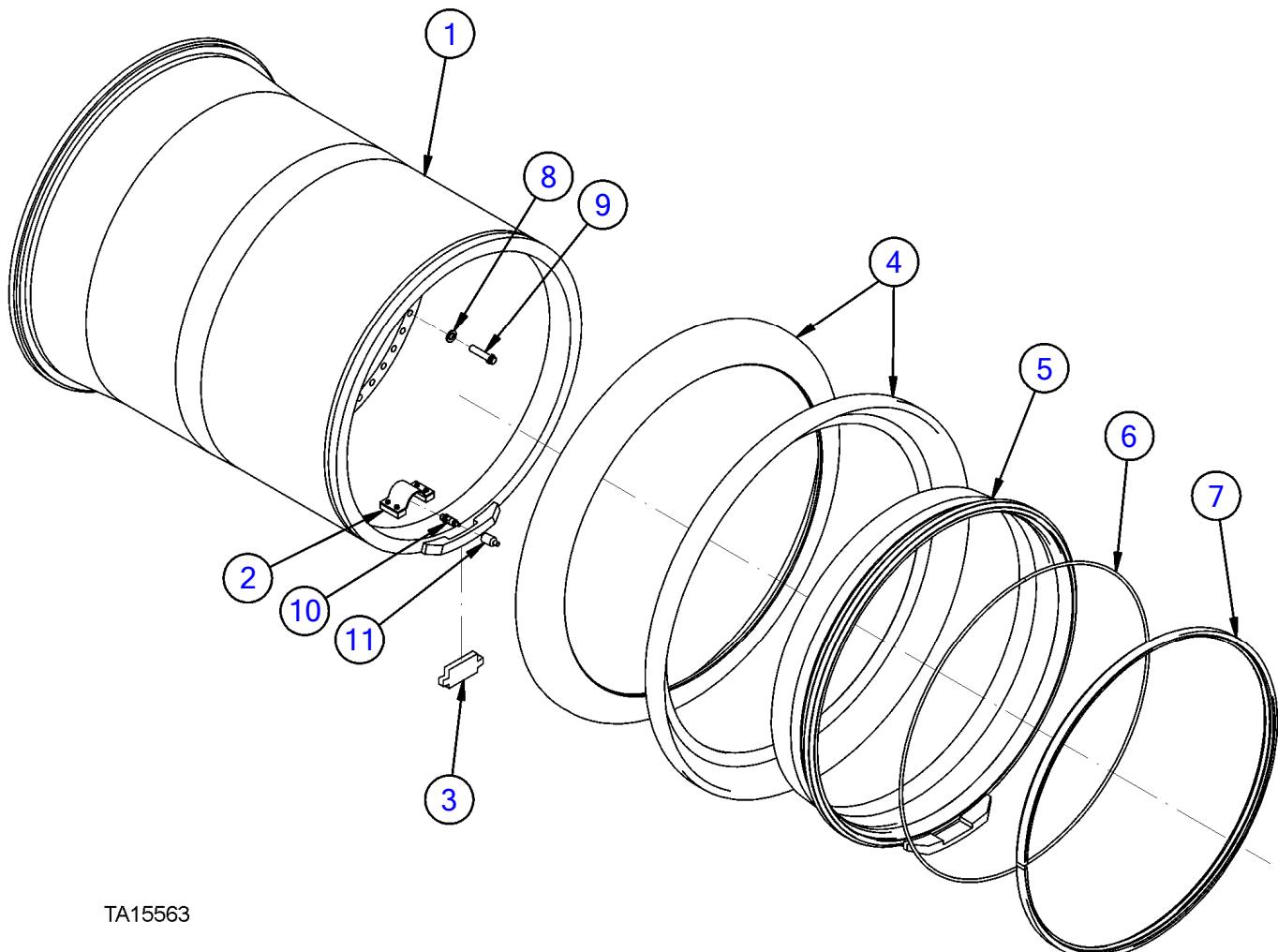
**L-2350-2242 PARTS MANUAL
CAB ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4274633	1		CAB ASSEMBLY, 50 SERIES LINCS II		
1	R4268349	2		• STRAP, DOOR HOLDER		
2	R4268350	1		• WIPER ARM, REAR		
	R4268528	1		• WIPER BLADE, REAR		
3	R4268351	2		• BALL STUD, GAS SPRING CYLINDER		
4	R4268352	8	FT	• SEAL STRIP, RUBBER		
5	R4268353	2		• GAS SPRING CYLINDER		
6	R4268354	2		• STRAP, TETHER		
7	R4268355	2		• STRIKER STUD & WASHER		
8	R4268356	15	FT	• TRIM EDGE, PVC		
10	R4268358	16		• NUT, U-CLIP		
11	R4268359	1		• WIPER SHAFT ASSEMBLY, FRONT		
12	R4268494	1		• PANTOGRAPHIC ADAPTER		
13	R4268495	1	FT	• SEAL STRIP, RUBBER		
14	R4268496	30	FT	• SEAL, DOOR (15' PER DOOR)		
15	R4268497	1		• WIPER MOTOR, REAR		
16	R4268498	4		• FASTENER		
17	R4268499	1		• WIPER BLADE, FRONT		
18	R4268500	1		• WIPER MOTOR, FRONT		
19	R4268501	1		• WIPER DRIVE ARM, FRONT		
	R4279011	1		• WIPER ARM, FRONT		6/30/14
NS	R4222234	REF		• SPRAYER NOZZLE KIT		
20	R4268502	1		• FLOOR MAT		
21	R4268503	4		• HANDLE, PULL POCKET		
22	R4268480	1		• A/C AND HEATER ASSEMBLY (PAGE 2.18)		
23	R4268504	1		• COAT HOOK, PLASTIC		
24	R4268505	2		• WIPER COWL FITTING		
25	R4268506	1		• DOOR ASSEMBLY, L.H.		
26	R4268507	1		• HANDLE, INTERIOR L.H.		
27	R4268508	1		• HANDLE, PULL		
28	R4268509	1		• GASKET, PULL HANDLE		
29	R4268510	1		• DOOR ASSEMBLY, R.H.		
30	R4268511	1		• HANDLE, INTERIOR R.H.		
31	R4245974	2		• LIGHT ASSEMBLY, LED - WHITE		
32	R4268512	1		• DOOR STRUCTURE, L.H.		
33	R4268513	1		• DOOR STRUCTURE, R.H.		
34	N.P.N.	1		• CONTROL PANEL ASSEMBLY (PAGE 5.82-5.82A)		
35	R4268515	1		• CONTROL PANEL STRUCTURE		
36	R4274634	1		• DASH PANEL, CENTER		
37	R4274635	1		• DASH PANEL, RIGHT		
38	R4274636	1		• DASH PANEL, LEFT		
	R4274637	1		• MOUNT BRACKET ASSEMBLY, DISPLAY		
	N.P.N.	1		• MOUNT PANEL, DISPLAY (PAGE 5.82-5.82A)		
	R4274639	1		• DASH MOUNT, REAR		
39	R4268519	1		• CEILING PANEL ASSEMBLY, R.H.		
40	R4268520	1		• CEILING PANEL STRUCTURE, R.H.		
41	R4268521	2		• GLASS, DOOR		
	R4279019	2		• RUBBER, DOOR GLASS		6/30/14
42	R4268522	1		• GLASS, FRONT		
	R4279016	1		• RUBBER, FRONT GLASS		6/30/14
43	R4268523	2		• GLASS, SIDE		
	R4279017	2		• RUBBER, SIDE GLASS		6/30/14
44	R4268524	10		• VENT ASSEMBLY, A/C AIR - DASH PANEL		6/30/14
45	R4268525	1		• GLASS, DOOR		
	R4279018	1		• RUBBER, REAR GLASS		6/30/14
46	R4268526	1		• CEILING PANEL STRUCTURE, L.H.		
47	R4268527	1		• CEILING PANEL STRUCTURE, CENTER		

**L-2350-2242 PARTS MANUAL
CAB ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
				NOTE: · FOR MORE CAB INTERIOR PARTS SEE PAGE 5.82-5.82A		
				NOTE: · FOR OPERATOR TRAINING SEAT AND MOUNT ASSEMBLY SEE PAGE 9.116-9.116A		
	R4270333	1		CAB INSTALLTION GROUP		
48	R4009830	4		· BOLT, 3/4"-16 X 4-1/2"		
49	R0711602	4		· FLATWASHER, 3/4" I.D. X 3" O.D. X 1/4"		
50	R4240736	4		· MOUNT, RUBBER - 1400 LBS LOAD RATING		
	R4082921	REF		· MOUNT, RUBBER - 2400 LBS LOAD RATING		
51	R4016031	4		· LOCKNUT, 3/4"-16 - NYLON		
	R4264530	REF		· SPACER, CAB - 2" X 4-1/4" 3/8"		
	R4254322	REF		FOPS ASSEMBLY (PAGE 1.2-1.2A)	1	
	R4010925	6		FLATWASHER, 5/8" I.D. X 1-5/16" O.D. X 1/8"		
	R0021541	6		LOCKWASHER, 5/8"		
	R0027595	3		BOLT, 5/8"-11 X 1-1/4"		
	R0021630	3		BOLT, 5/8"-11 X 2"		
	R4270334	1		WINDSHIELD WASHER KIT		
	R4255315	1		· SUPPORT STRUCTURE, TANK - WINDSHIELD WASHER		
	R4255180	1		· TANK, WINDSHIELD WASHER - 10 LITERS		
	R4255182	1		· PUMP, WINDSHIELD WASHER		
	R4255187	1		· TERMINAL HOUSING		
	R4255183	1		· TERMINAL		
	R4010923	8		FLATWASHER, 1/4"		
	R0213584	8		LOCKWASHER, 1/4"		
	R0810986	8		BOLT, 1/4"-20 X 3/4"		
	R4103992	3		HOSE, AIR - #4, 100 PSI - 50" ROLL		
N.P.N.	REF			ROLL BAR STRUCTURE (ROPS) (PAGE 1.2-1.2A)	1	
	R4264546	REF		COVER STRUCTURE, ROPS - L.H.	1	
	R4264547	REF		COVER STRUCTURE, ROPS - R.H.	1	
	R4222543	REF		HORN KIT, AIR	1	
	R4213818	REF		· HORN, AIR	1	
	R4163819	REF		· MOUNT, AIR HORN - REAR	1	
	R4222544	REF		· MOUNT, AIR HORN - FRONT	2	
	R4272831	1		FIRE EXTINGUISHER KIT, 20 LB. - ABC DRY		
	R4133196	1		· FIRE EXTINGUISHER, 20 LB. - ABC DRY		
	R4278501	1		· BRACKET, FIRE EXTINGUISHER		
	R4251774	1		· MOUNT STRUCTURE, FIRE EXTINGUISHER		
	R4131194	5		· BOLT, 3/8"-16 X 7/8"		
	R0808221	7		· FLATWASHER, 3/8"		
	R0753123	5		· LOCKWASHER, 3/8"		
	R0812921	3		· NUT, 3/8"-16		

WHEEL ASSEMBLY



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WHEEL ASSEMBLY

**L-2350-2242 PARTS MANUAL
WHEEL ASSEMBLY**

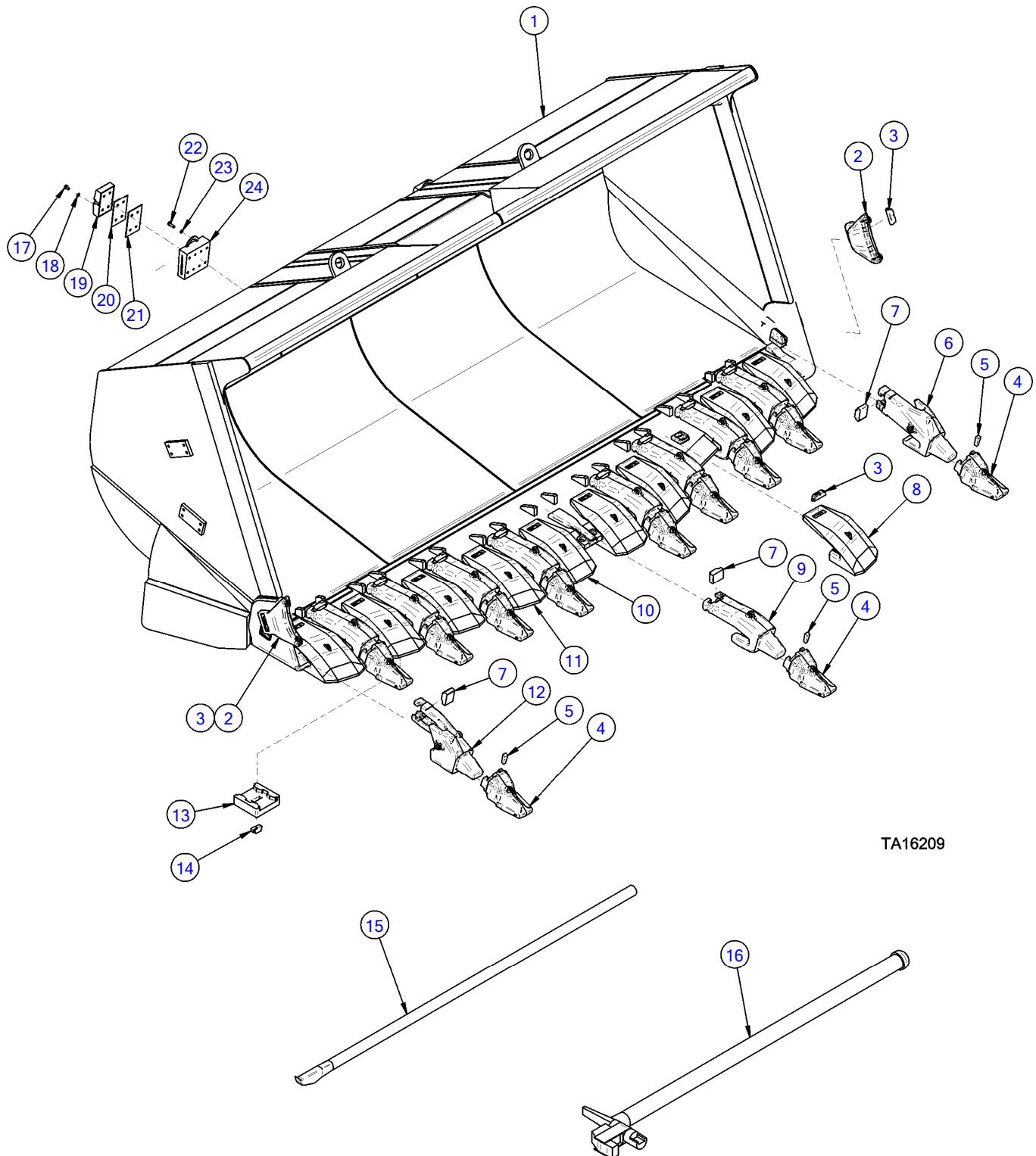
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4241860		WHEEL ASSEMBLY, 57 X 60		9/14/11
1	R4241859	1	· RIM BASE STRUCTURE, 57 X 60		
2	R4219774	1	· PROTECTOR, VALVE		
	R0810970	4	· BOLT, 3/8"-16 X 3/4"		
	R0753123	4	· LOCKWASHER, 3/8"		
3	R4211215	1	· DRIVE LUG		
4	R4241864	1	· FLANGE		
5	R4241861	1	· BEAD SEAT BAND		
6	R4241862	1	· O-RING, 51-1/4" I.D. - SPECIAL NITRILE		
7	R4241863	1	· RING, LOCK		
8	R6957197	REF	WASHER, 1" - HARDENED, SPECIAL	64	
9	R4152660	REF	CAPSCREW, 1"-8 X 4"	64	
10	R4231233	REF	VALVE ASSEMBLY	1	
	R4231234	REF	· VALVE, STRAIGHT	1	
	R4231235	REF	· SPUD, 90 deg.	1	
11	R4231236	REF	· CAP, VALVE	1	
NS	R4231237	REF	VALVE ATTACHMENT, INFLATOR	1	
	R4231172	REF	· ELBOW	1	
	R4231173	REF	· VALVE	1	
	R4231174	REF	· INFLATOR	1	
	R4241952	REF	TIRE, 70/70-57 SRG DT L4		
	R4250275	REF	TIRE, 70/70-57 SRG DT L4 NN		
		REF	WHEEL ASSEMBLY (R424186002)		9/14/11

**L-2350-2242 PARTS MANUAL
WHEEL ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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BUCKET AND TEETH ASSEMBLY



BUCKET AND TEETH ASSEMBLY

**L-2350-2242 PARTS MANUAL
BUCKET AND TEETH ASSEMBLY**

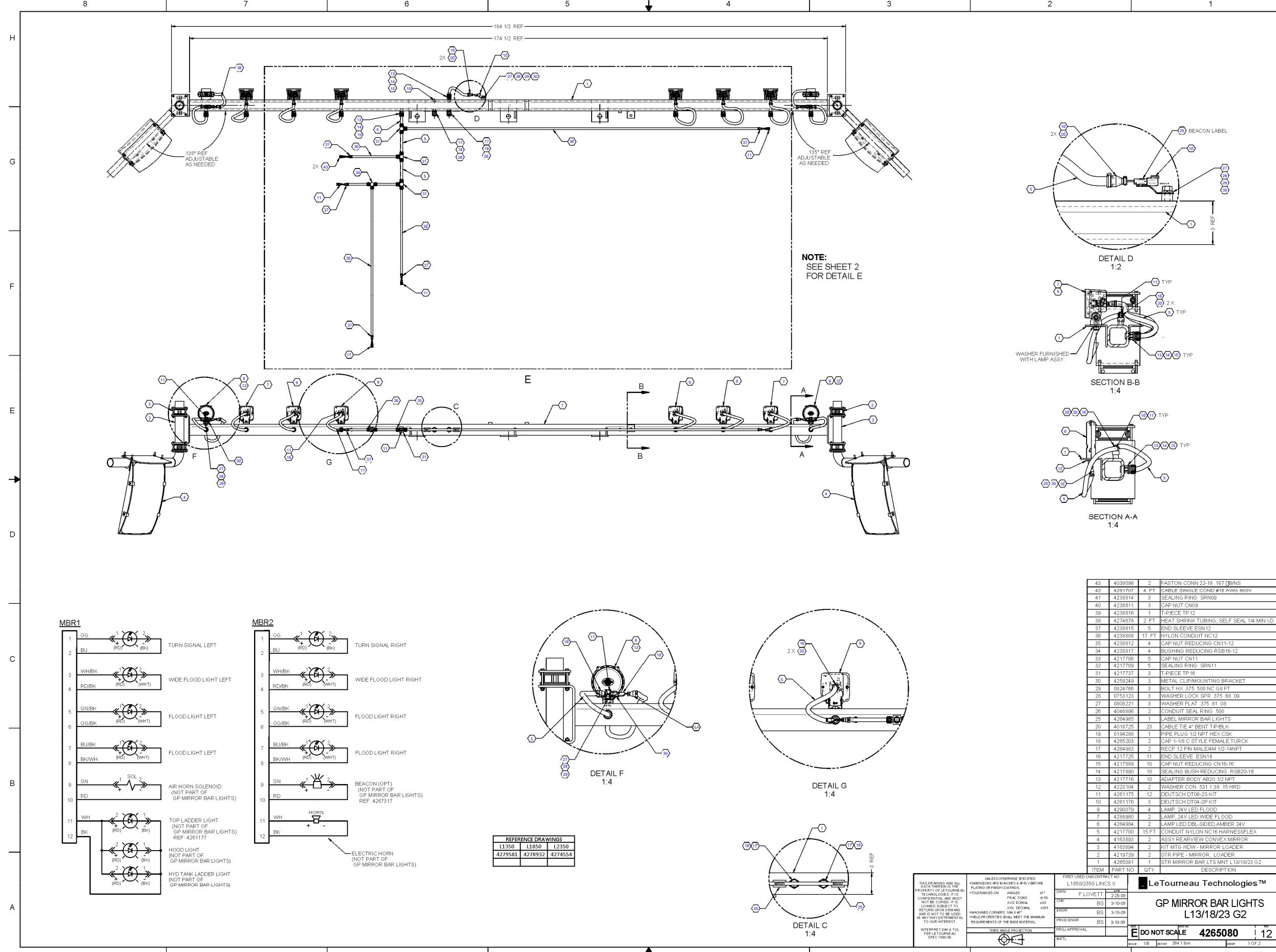
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4293492		BUCKET AND TEETH ASSEMBLY		
1	R4293493	1	· BUCKET, 50-YD. - LM2 70SV2ADHL		
	R4293466	1	·· LIP ASSEMBLY		
	R4269835	1	··· LIP STRUCTURE		
2	R4246172	2	··· SHROUD, WING		
3	R4272246	12	··· PIN, SHROUD		
4	R4272757	11	··· TOOTH POINT - 70SV2ADHL		
5	R4262731	11	··· PIN, LOCKING		
6	R4262729	1	··· ADAPTER, CORNER - L.H.		
7	R4246176	11	··· PIN ASSEMBLY		
8	R4246169	4	··· SHROUD, LIP - L.H.		
9	R4262727	9	··· ADAPTER, CENTER		
10	R4246171	2	··· SHROUD, LIP - CENTER		
11	R4246170	4	··· SHROUD, LIP - R.H.		
12	R4262728	1	··· ADAPTER, CORNER - R.H.		
	R4282559	1	· HARDWARE GROUP, LM2 SV2		
13	R4234043	16	· · WEAR RUNNER, KWIK-LOK II - GENERAL PURPOSE 4		
14	R4231320	12	· · LOCK, KWIK-LOK II		
15	R4234044	1	· · TOOL, REMOVAL - KWIK LOK II		
16	R4261058	1	· · TOOL, PIN REMOVAL		
17	R4009523	10	· · BOLT, 3/4"-10 X 1-1/2"		
18	R0021542	10	· · LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
19	R4246314	2	· · STOP BLOCK		
20	R4168170	2	· · SPACER, 1/8" X 12" X 7"		
21	R4168171	2	· · SPACER, 1/4" X 12" X 7"		
	R4280776	1	· ROLLCBACK GROUP		
22	R4009523	8	· · BOLT, 3/4"-10 X 1-1/2"		
23	R0021542	8	· · LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
22	R4280775	2	· · STOP PLATE, ROLLCBACK - HIGH LIFT		

**L-2350-2242 PARTS MANUAL
BUCKET AND TEETH ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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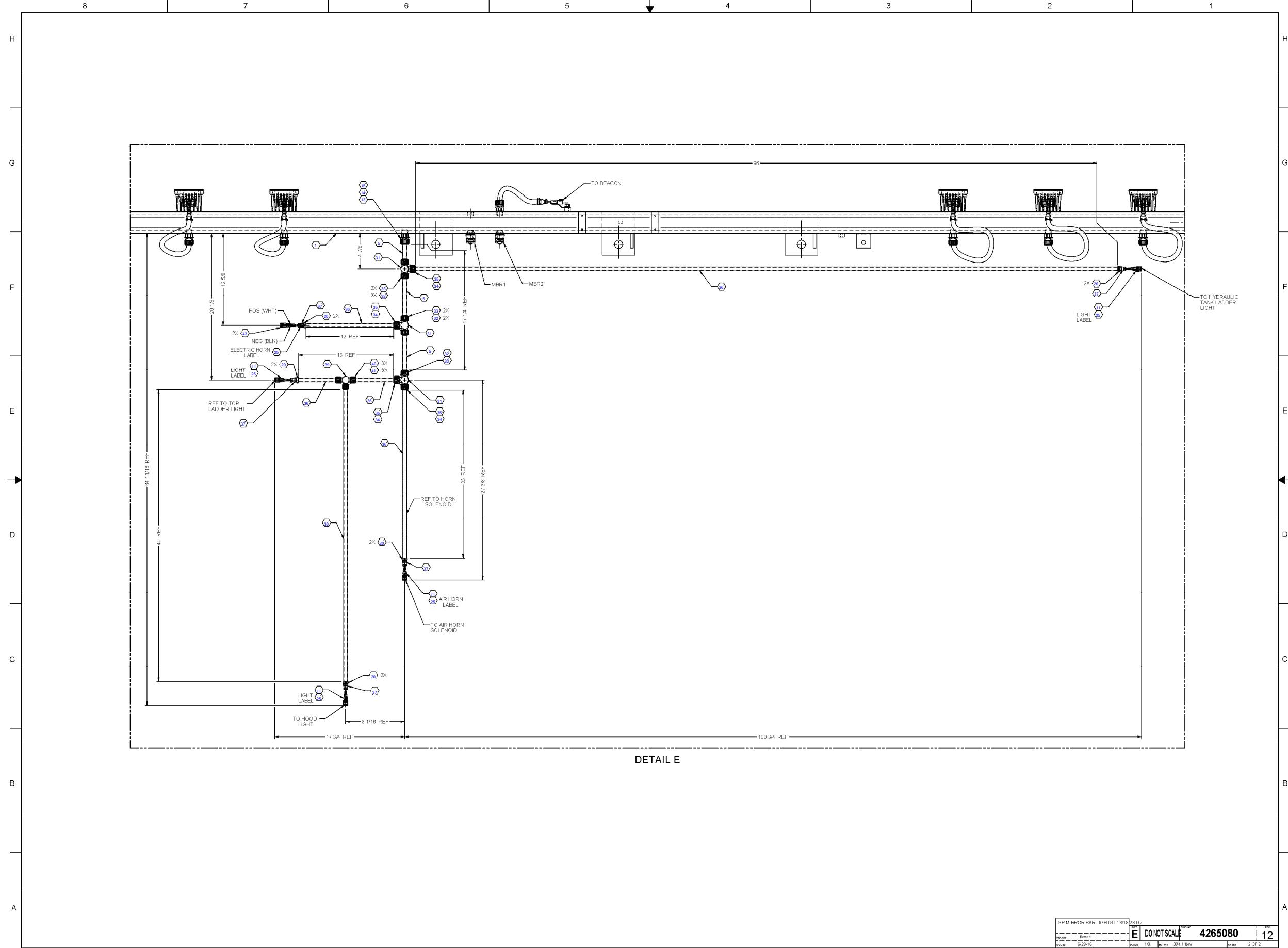
MIRROR/LIGHT BAR ASSEMBLY



Komatsu
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MIRROR/LIGHT BAR ASSEMBLY

MIRROR/LIGHT BAR ASSEMBLY



GP MIRROR BAR LIGHTS L13/18 23 G2
REV E DO NOT SCALE 4265080 12
Printed 6-29-16
Page 1/8
Weight 394.1 lbm
Print 2 OF 2

MIRROR/LIGHT BAR ASSEMBLY

**L-2350-2242 PARTS MANUAL
MIRROR/LIGHT BAR ASSEMBLY**

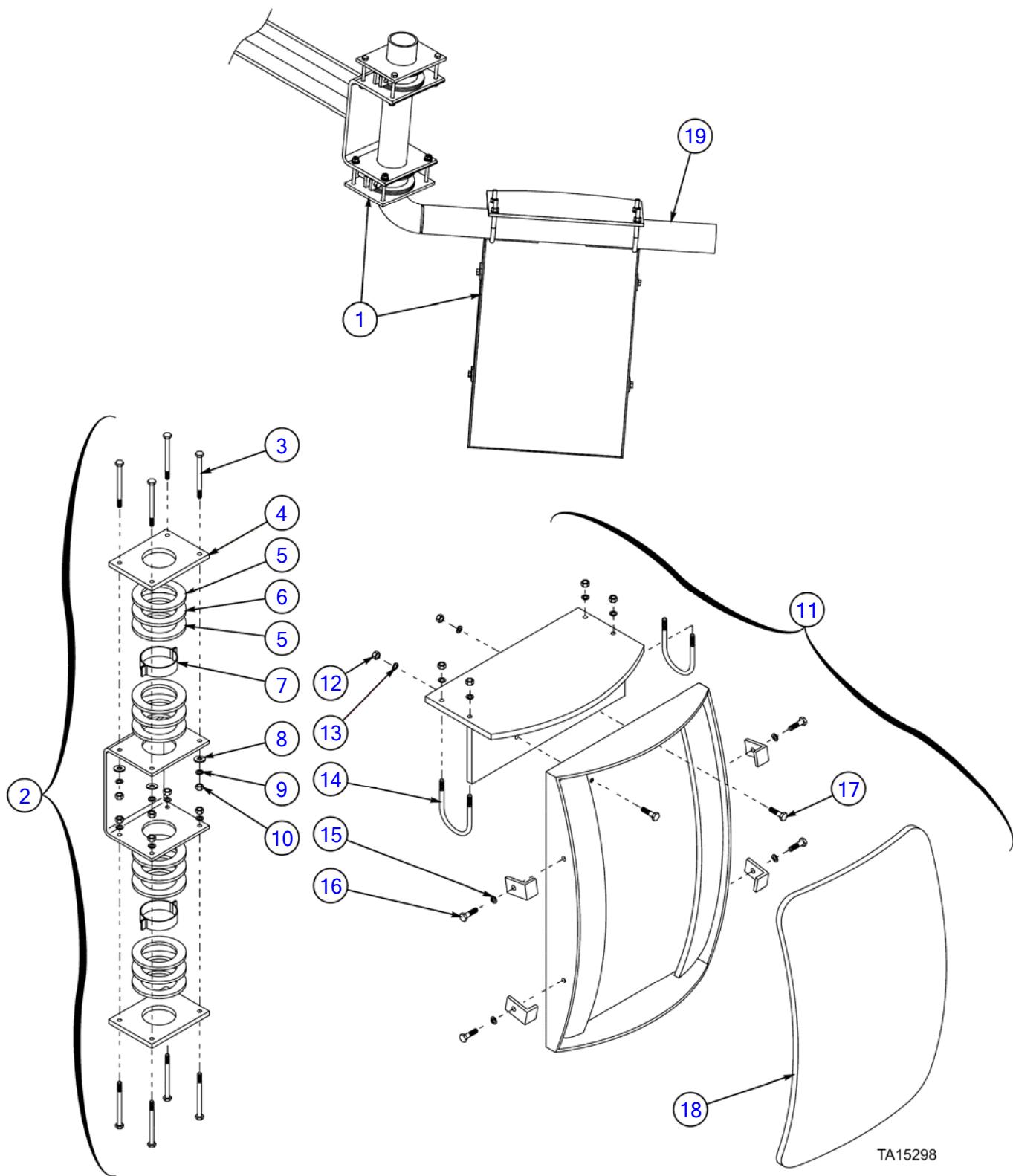
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	R4265080			MIRROR/LIGHT BAR ASSEMBLY		5/2/17
1	R4265081	1		• CROSMEMBER STRUCTURE, MIRROR/LIGHT		
2	R4219739	2		• PIPE STRUCTURE, MIRROR (PAGE 1.16-1.16B)		
3	R4163894	2		• MOUNTING HARDWARE KIT (PAGE 1.16-1.16B)		
4	R4163893	2		• MIRROR ASSEMBLY, CONVEX (PAGE 1.16-1.16B)		
5	R4217700	15	FT	• CONDUIT, NYLON - NC16		
6	R4264984	2		• LAMP ASSEMBLY, DOUBLE SIDED AMBER - 24V		
7	R4288990	2		• LAMP ASSEMBLY, WIDE FLOOD - LED, 24V		5/2/17
8	N.P.N.			• NOT USED		5/2/17
9	R4290079	4		• LAMP ASSEMBLY, FLOOD - LED, 24V		5/2/17
10	R4261176	3		• CONNECTOR KIT		5/2/17
11	R4261175	12		• CONNECTOR KIT, DT06-2S KIT		5/2/17
12	R4223104	2		• FLATWASHER, 1/2" I.D. X 1-3/8" O.D. X 1/8" - CONICAL		
13	R4217716	10		• ADAPTER BODY		
14	R4217890	10		• BUSHING, SEALING - REDUCING, NEOPRENE		
15	R4217889	10		• NUT, CAP		
16	R4217725	11		• SLEEVE, END		5/2/17
17	R4264983	2		• RECEPTACLE, 12 PIN - MALE		
18	R4265203	2		• CAP, 1-1/8 C STYLE FEMALE TURCK		
19	R0184288	1		• PLUG, PIPE - 1/2", HEX CSK.		
20	R4018725	23		• CABLE TIE, 4" - BENT TIP/BLACK		5/2/17
21	N.P.N.			• NOT USED		
22	N.P.N.			• NOT USED		
23	N.P.N.			• NOT USED		
24	N.P.N.			• NOT USED		
25	R4264985	1		• LABEL, MIRROR BAR LIGHTS		
26	R4046896	2		• RING, SEALING - 1/2" - CONDUIT		
27	R0808221	3		• FLATWASHER, 3/8"		5/2/17
28	R0753123	3		• LOCKWASHER, 3/8"		5/2/17
29	R0824766	3		• BOLT, 3/8"-16 X 1/2"		5/2/17
30	R4259249	3		• MOUNTING BRACKET		5/2/17
31	R4217737	3		• CONNECTOR, TEE		5/2/17
32	R4217709	5		• RING, SEALING - SRN11		5/2/17
33	R4217706	5		• NUT, CAP - CN11		5/2/17
34	R4238817	4		• BUSHING, REDUCING		5/2/17
35	R4238812	4		• NUT, REDUCING		5/2/17
36	R4238808	17	FT	• CONDUIT, NYLON - NC12		5/2/17
37	R4238815	5		• SLEEVE, END		5/2/17
38	R4274678	2	FT	• TUBING, HEAT SHRINK - 1/4"		5/2/17
39	R4238816	1		• TEE -TP12		5/2/17
40	R4238811	3		• NUT, CAP - CN09		5/2/17
41	R4238814	3		• RING, SEALING - SRN09		5/2/17
42	R4281707	4	FT	• CABLE, #16		5/2/17
43	R4038098	2		• CONNECTOR		5/2/17
	REF			DRAWING, MIRROR/LIGHT BAR ASSEMBLY (R426508012)		5/2/17

**L-2350-2242 PARTS MANUAL
MIRROR/LIGHT BAR ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
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MIRROR ASSEMBLY AND MOUNTING GROUP



MIRROR ASSEMBLY AND MOUNTING GROUP

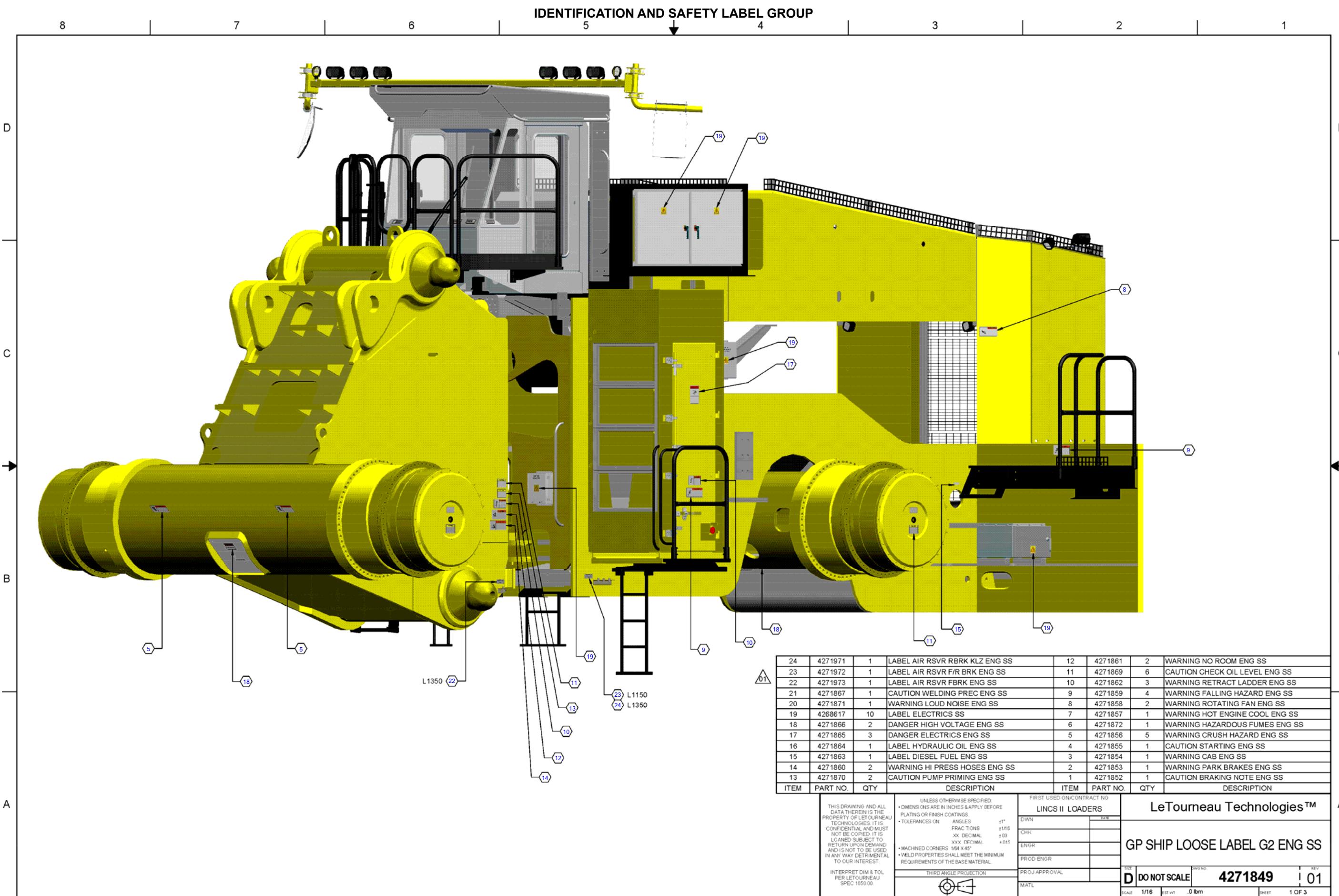
L-2350-2242 PARTS MANUAL
MIRROR ASSEMBLY AND MOUNTING GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
1	R4163895	2	MIRROR ASSEMBLY AND MOUNTING GROUP		
2	R4163894	2	· MOUNTING HARDWARE KIT		
3	R0730503	16	· · BOLT, 1/4"-20 X 2-3/4"		
4	R4250907	4	· · PLATE, HOLD DOWN		
5	R4223407	16	· · RING, FRICTION - STEEL		
6	R4223408	8	· · RING, FRICTION - POLYETHYLENE		
7	R4223409	8	· · CLAMP HALF, SUPPORT POST		
8	R4010923	16	· · FLATWASHER, 1/4"		
9	R0213584	16	· · LOCKWASHER, 1/4"		
10	R4012935	16	· · NUT, 1/4"-20		
11	R4163893	2	· MIRROR ASSEMBLY, CONVEX		
12	R0812921	4	· · NUT, 3/8"-16		
13	R0753123	4	· · LOCKWASHER, 3/8"		
14	R4016001	4	· · CLAMP, U-BOLT - 2-1/2"		
15	R0213584	4	· · LOCKWASHER, 1/4"		
16	R0810986	8	· · BOLT, 1/4"-20 X 3/4"		
17	R0808476	4	· · BOLT, 3/8"-16 X 1-1/4"		
18	R4223410	2	· · MIRROR, CONVEX		
19	R4219739	2	PIPE STRUCTURE, MIRROR		

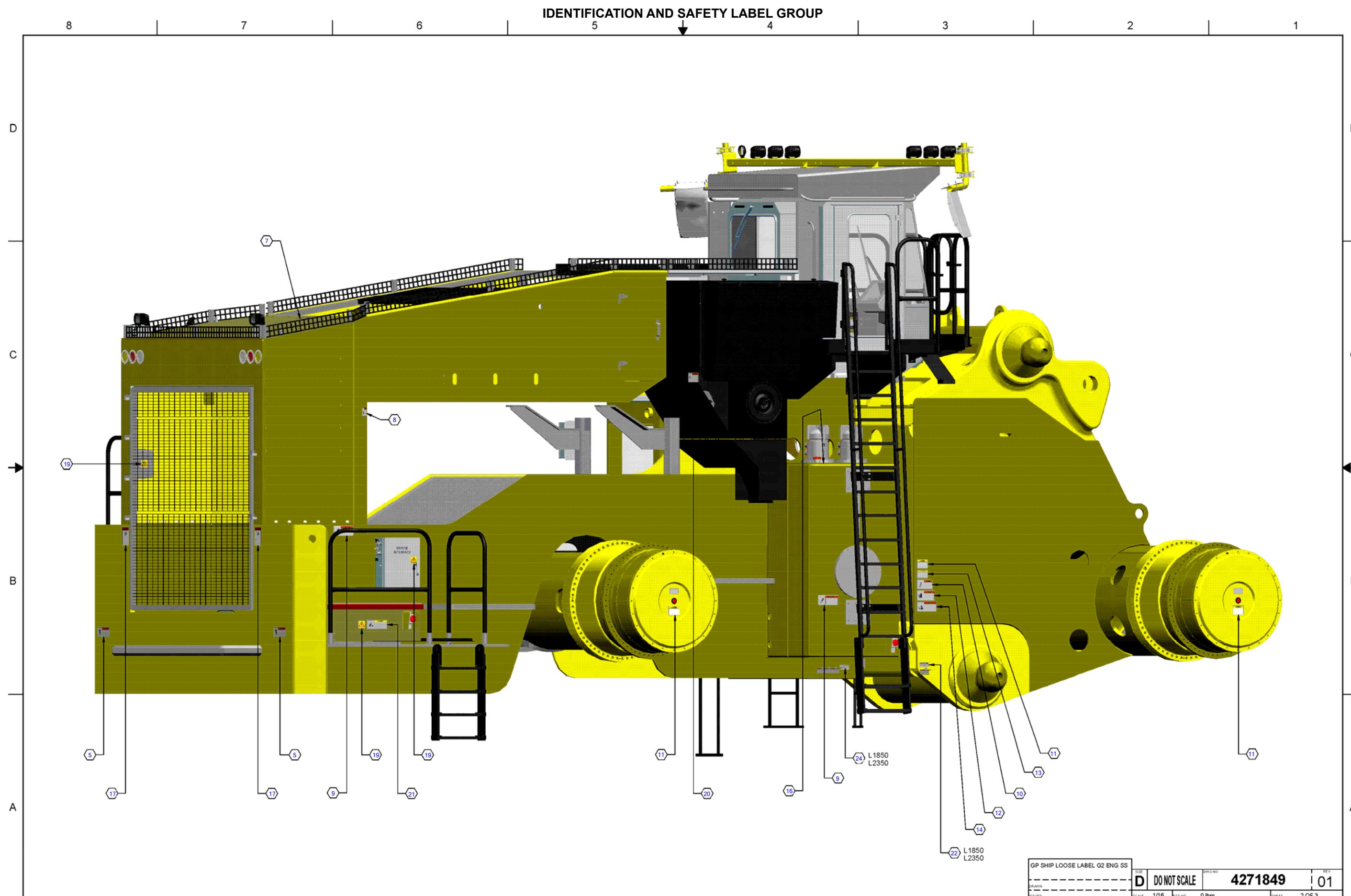
**L-2350-2242 PARTS MANUAL
MIRROR ASSEMBLY AND MOUNTING GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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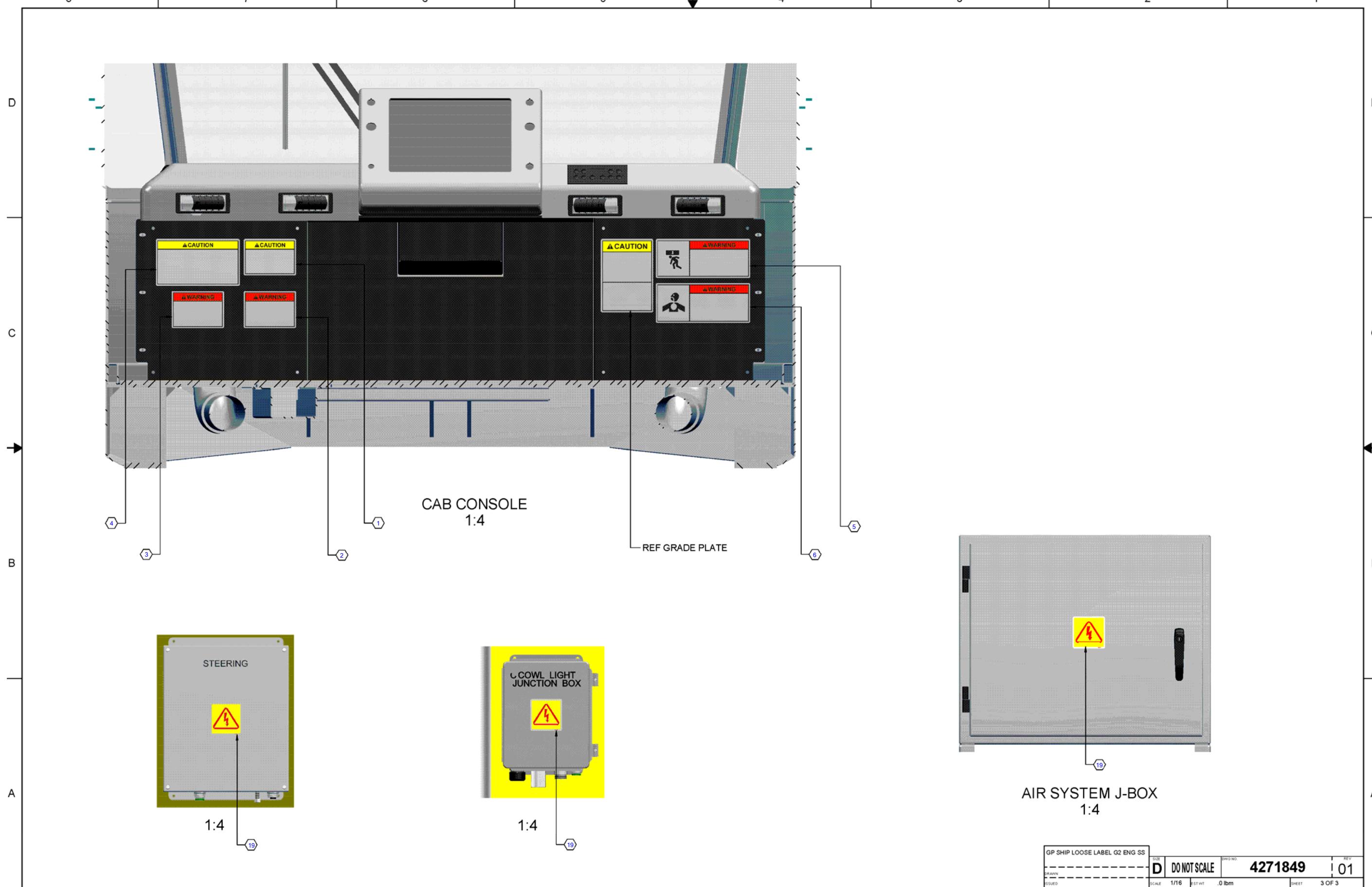


IDENTIFICATION AND SAFETY LABEL GROUP



IDENTIFICATION AND SAFETY LABEL GROUP

IDENTIFICATION AND SAFETY LABEL GROUP



IDENTIFICATION AND SAFETY LABEL GROUP

IDENTIFICATION AND SAFETY LABEL GROUP

English



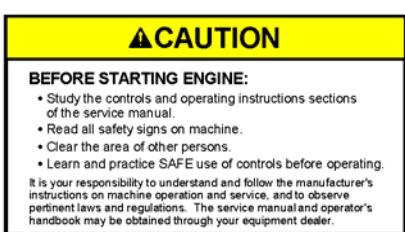
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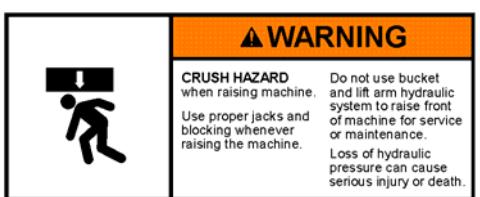
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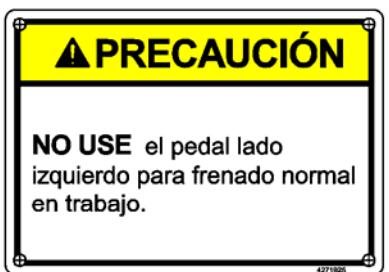


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5

Spanish



1



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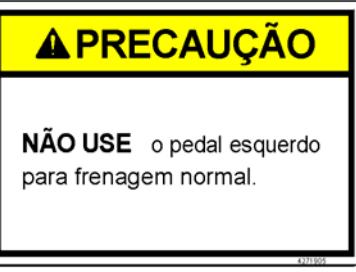


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5

Portuguese



1



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4

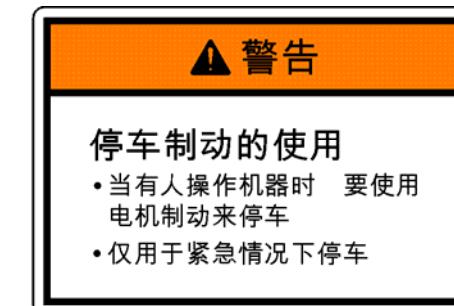


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Chinese



1



2



3



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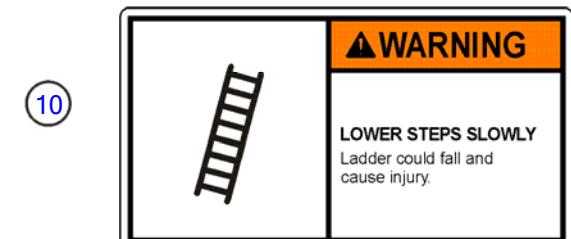
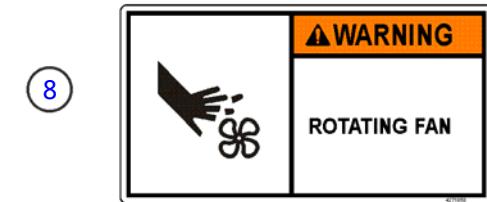
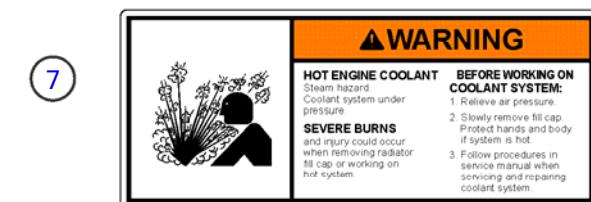
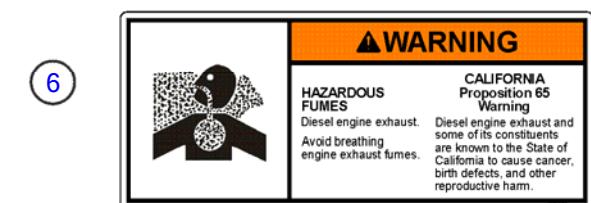
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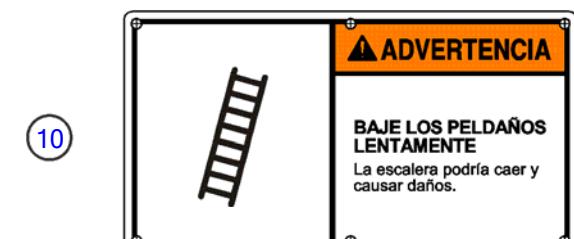
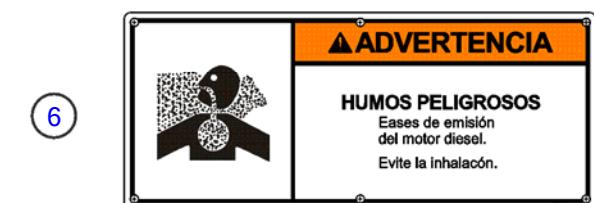
IDENTIFICATION AND SAFETY LABEL GROUP

IDENTIFICATION AND SAFETY LABEL GROUP

English



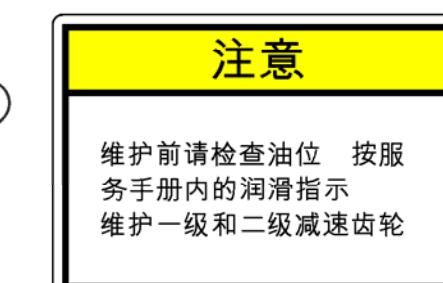
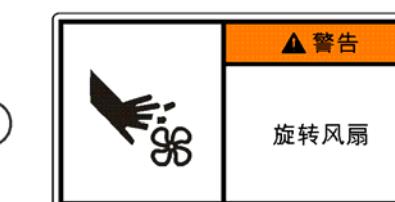
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Portuguese



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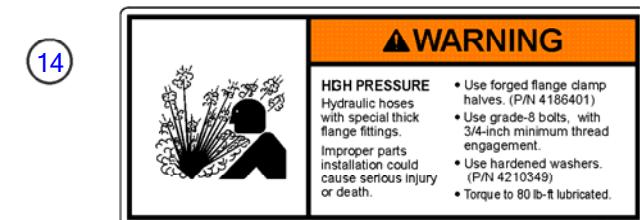
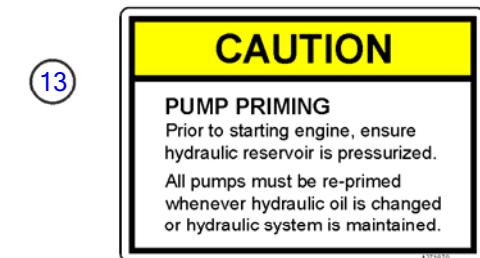


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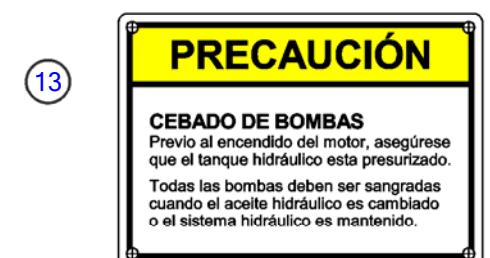
IDENTIFICATION AND SAFETY LABEL GROUP

IDENTIFICATION AND SAFETY LABEL GROUP

English



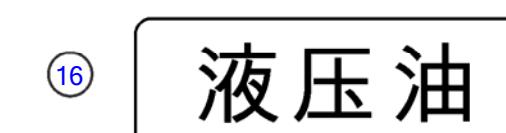
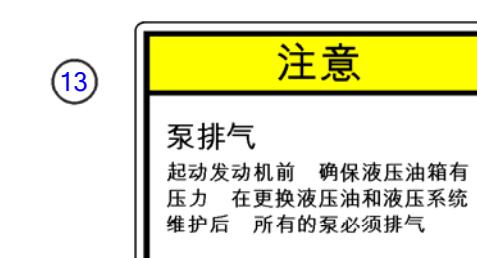
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Portuguese



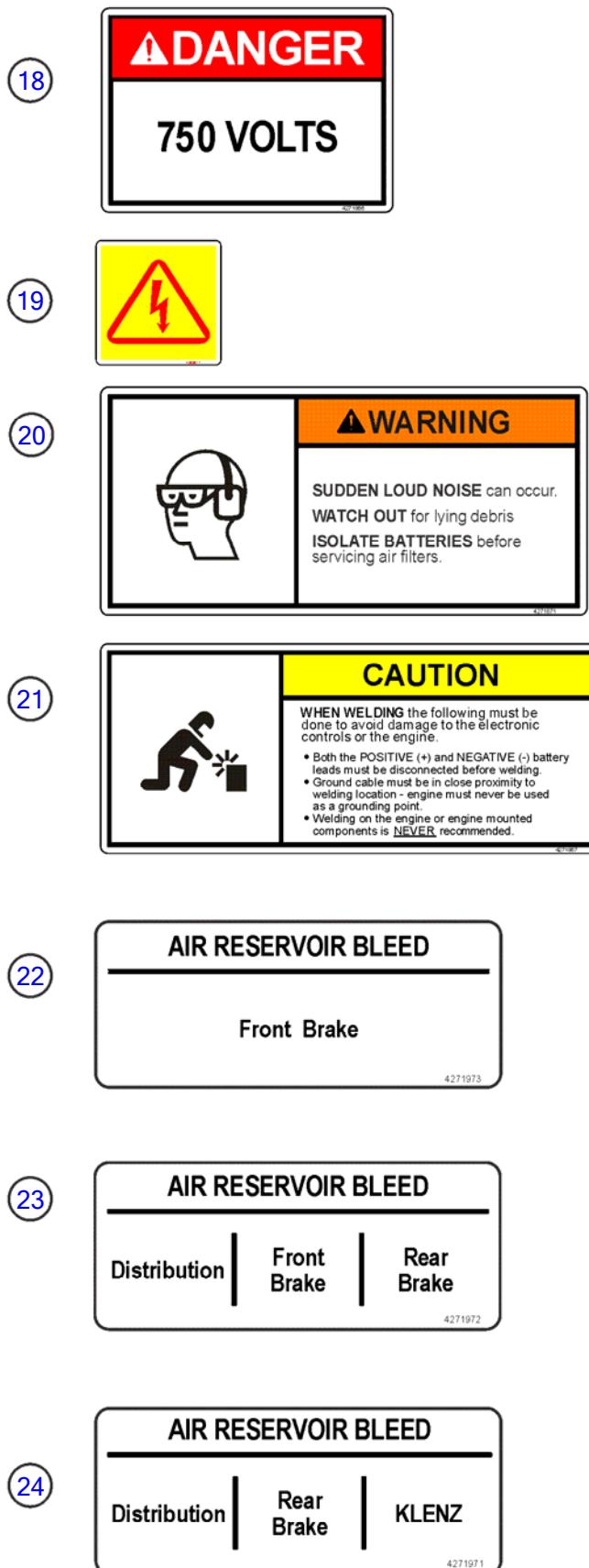
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IDENTIFICATION AND SAFETY LABEL GROUP

English

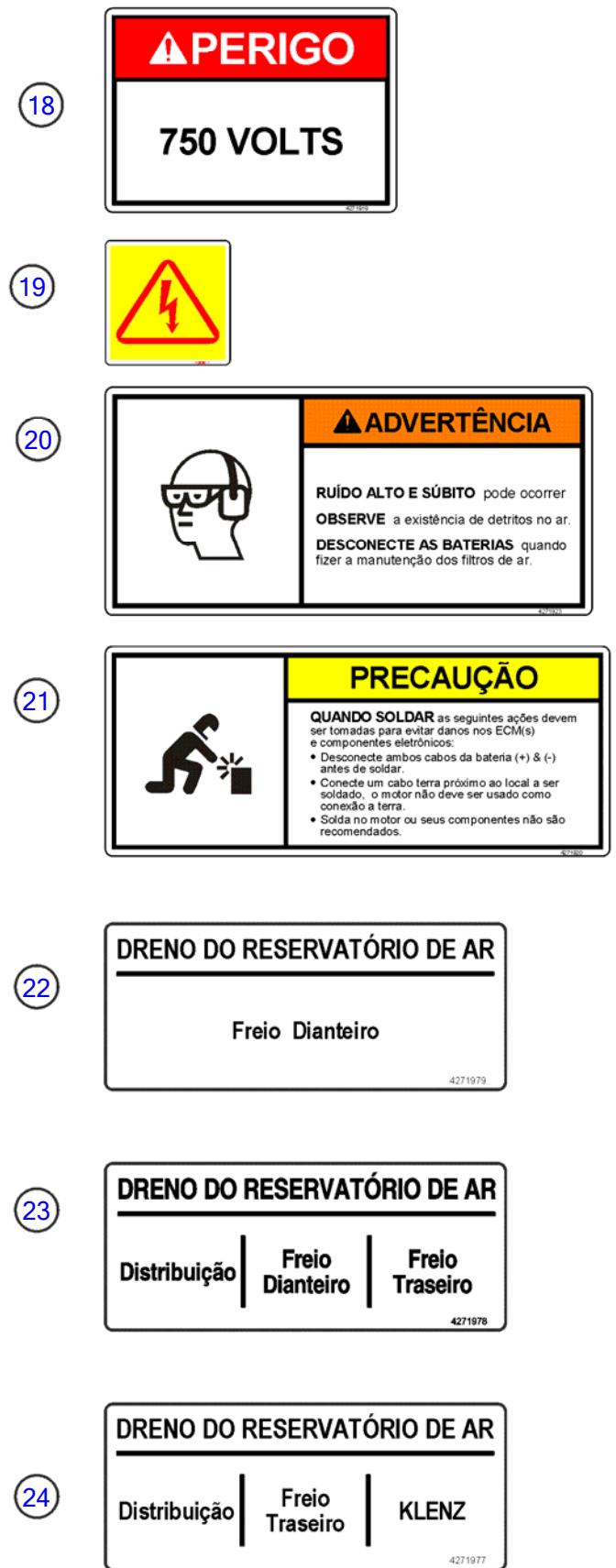


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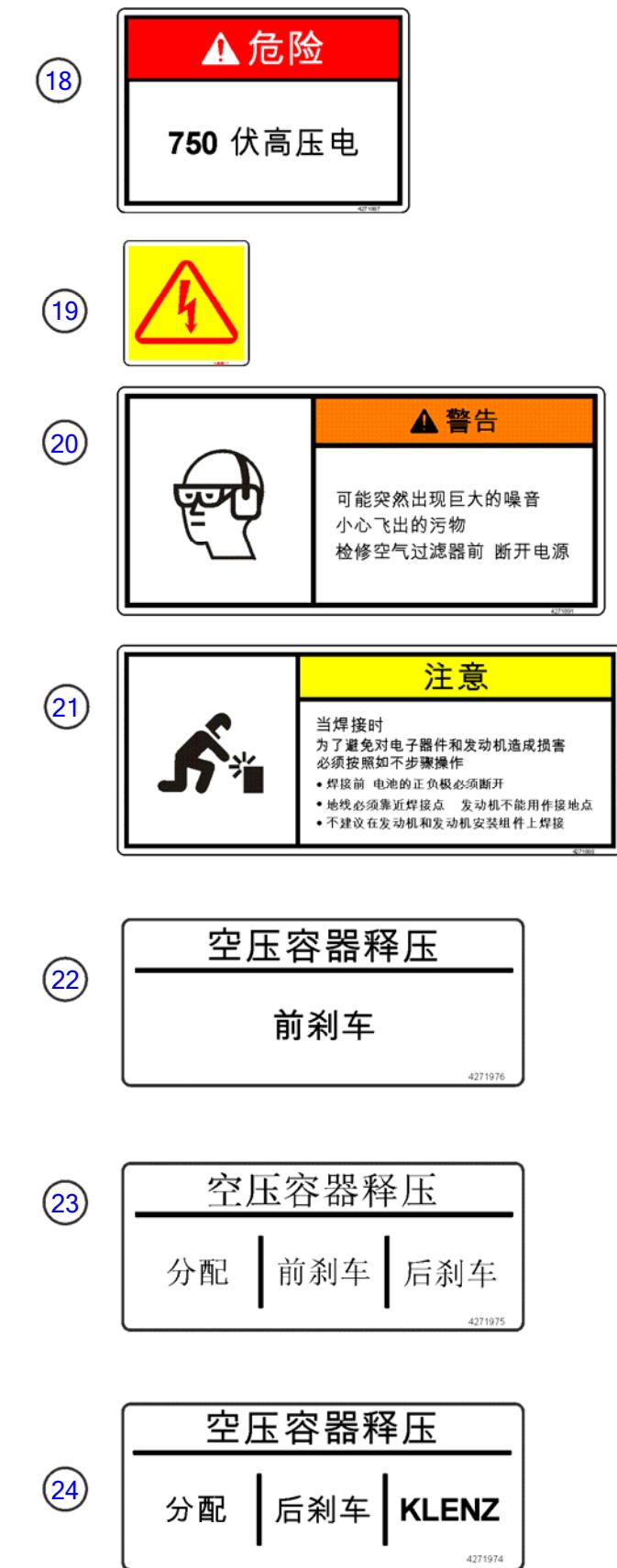


IDENTIFICATION AND SAFETY LABEL GROUP

Portuguese



Chinese

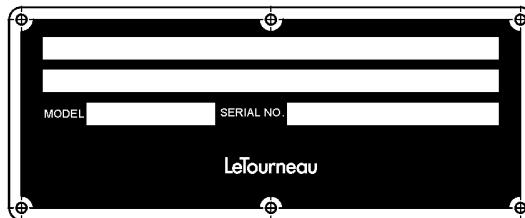


IDENTIFICATION AND SAFETY LABEL GROUP

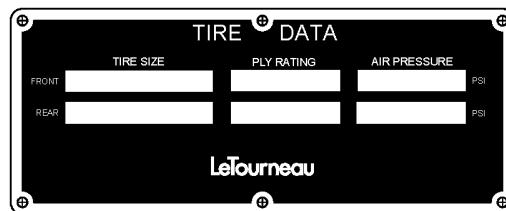
IDENTIFICATION AND SAFETY LABEL GROUP

All Languages

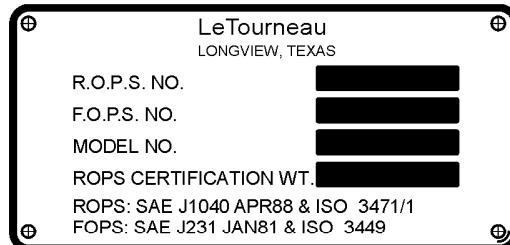
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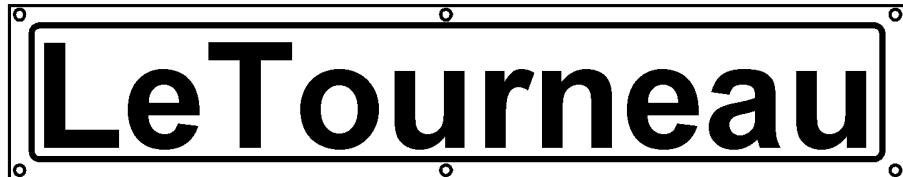
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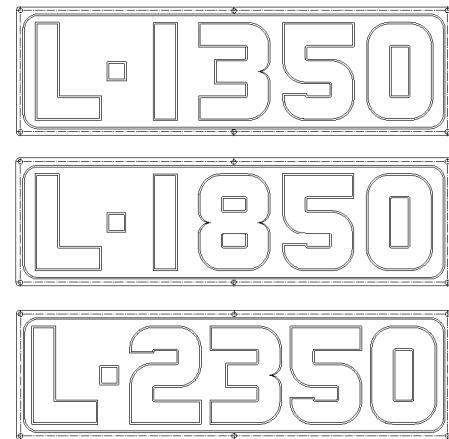
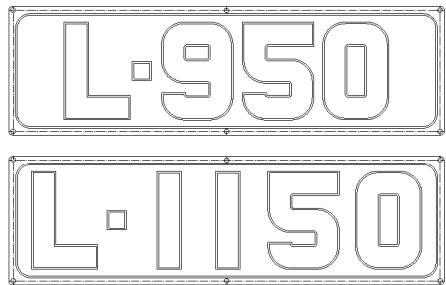
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IDENTIFICATION AND SAFETY LABEL GROUP

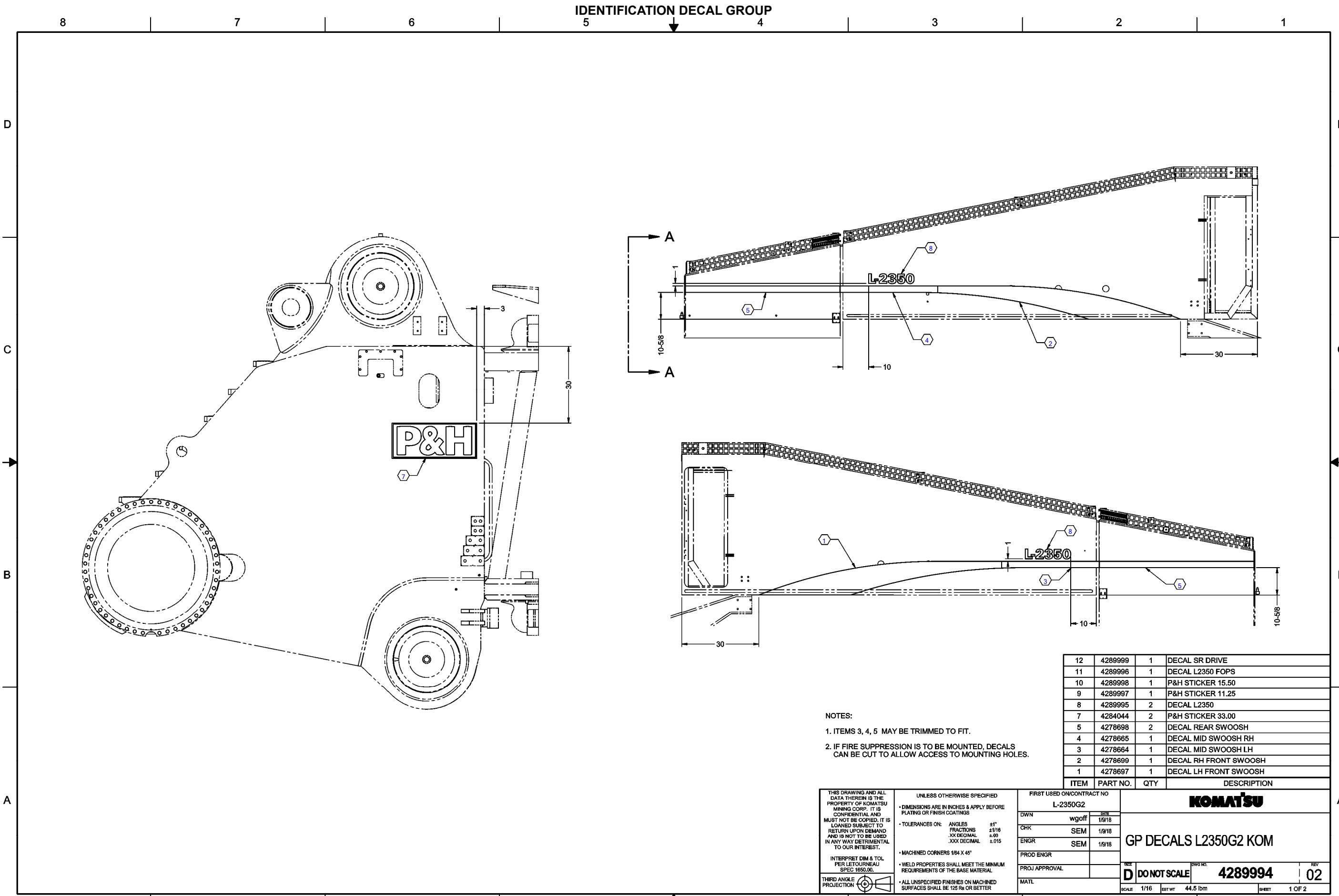
**L-2350-2242 PARTS MANUAL
IDENTIFICATION AND SAFETY LABEL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4275264		IDENTIFICATION AND SAFETY LABEL GROUP		
	R4271899		· LABEL GROUP, GEN2 - SPANISH		
1	R4271925	1	· · LABEL, SAFETY - BRAKING NOTE - S.S. - SPANISH		
2	R4271926	1	· · LABEL, SAFETY - PARK BRAKE - S.S. - SPANISH		
3	R4271927	1	· · LABEL, SAFETY - LEAVING CAB - S.S. - SPANISH		
4	R4271928	1	· · LABEL, SAFETY - BEFORE STARTING ENGINE - S.S. - SPANISH		
5	R4271929	5	· · LABEL, SAFETY - CRUSH HAZARD - S.S. - SPANISH		
6	R4271944	1	· · LABEL, SAFETY - HAZARDOUS FUMES - S.S. - SPANISH		
7	R4271930	1	· · LABEL, SAFETY - STEAM HAZARD - S.S. - SPANISH		
8	R4271931	2	· · LABEL, SAFETY - ROTATING FAN - S.S. - SPANISH		
9	R4271932	4	· · LABEL, SAFETY - FALLING HAZARD - S.S. - SPANISH		
10	R4271935	3	· · LABEL, SAFETY - LOWER STEP SLOWLY - S.S. - SPANISH		
11	R4271941	6	· · LABEL, CAUTION - CHECK OIL LEVELS - S.S. - SPANISH		
12	R4271934	2	· · LABEL, SAFETY - NO ROOM - S.S. - SPANISH		
13	R4271942	2	· · LABEL, SAFETY - PUMP PRIMING - S.S. - SPANISH		
14	R4271933	2	· · LABEL, SAFETY - HIGH PRESSURE HOSE - S.S. - SPANISH		
15	R4271936	1	· · LABEL, DIESEL FUEL - S.S. - SPANISH		
16	R4271937	1	· · LABEL, HYDRAULIC OIL - S.S. - SPANISH		
17	R4271938	3	· · LABEL, SAFETY - DANGER HIGH VOLTAGE - S.S. - SPANISH		
18	R4271939	2	· · LABEL, SAFETY - DANGER 750 VOLTS - S.S. - SPANISH		
19	R4268617	10	· · LABEL, SAFETY - HIGH VOLTAGE, INTERNATIONAL SYMBOL - S.S.		
20	R4271943	1	· · LABEL, SAFETY - LOUD NOISE - S.S. - SPANISH		
21	R4271940	1	· · LABEL, CAUTION - WELDING PRECAUTION - S.S. - SPANISH		
22	R4275272	1	· · LABEL, AIR RESERVOIR BLEED - FRONT BRAKE - S.S. - SPANISH		
23	R4275271	1	· · LABEL, AIR RESERVOIR BLEED - DISTRIBUTION/FRONT BRAKE/REAR BRAKE - S.S. - SPANISH		
24	R4275270	1	· · LABEL, AIR RESERVOIR BLEED - DISTRIBUTION/REAR BRAKE/ KLENZ - S.S. - SPANISH		
	R4277094	3	· · LABEL, CAUTION - NO HIGH PRESSURE WASH - S.S. - SPANISH		
	R4271947	1	· · LABEL, LADDER LIGHT SWITCH - SPANISH		
	R4271948	1	· · LABEL, LUBE CYCLE SWITCH - SPANISH		
25	R4169562	1	· PLATE, MODEL/SERIAL NUMBER		
26	R4169563	1	· PLATE, TIRE DATA		
27	R4227839	1	· PLATE, ROLL BAR APPROVAL		
28	R4237808	2	· PLACARD, LETOURNEAU NAME - 54" X 8-3/8"		
29	R4240847	2	· PLACARD, L-2350		
			·		
	R4275268	1	· LABEL, BRAKE SPECIFICATION - L-2350 - S.S. - SPANISH		
	R4271849	REF	DRAWING, LABEL GROUP, GEN2 (01)		

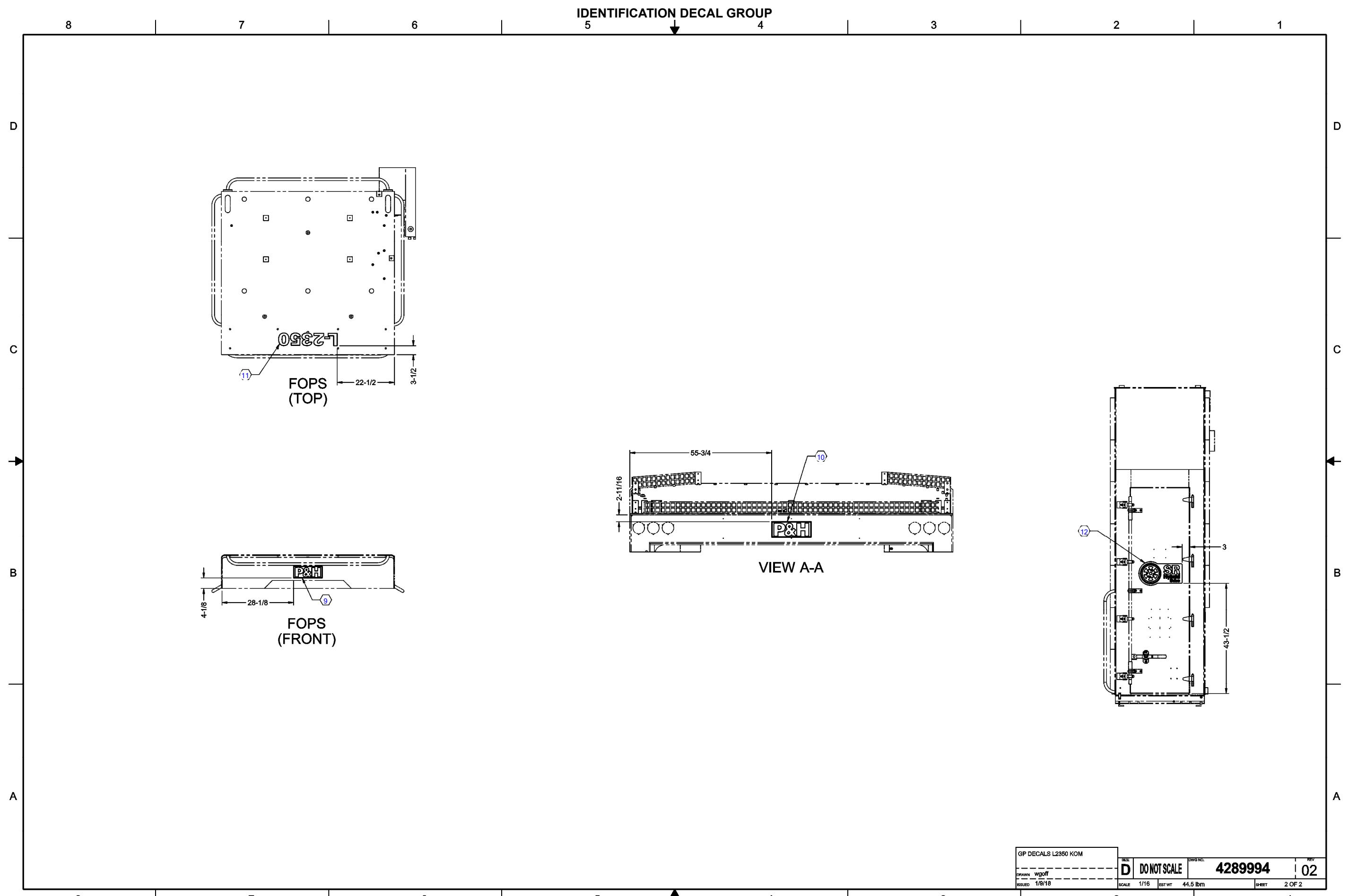
**L-2350-2242 PARTS MANUAL
IDENTIFICATION AND SAFETY LABEL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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IDENTIFICATION DECAL GROUP



IDENTIFICATION DECAL GROUP

**L-2350-2242 PARTS MANUAL
IDENTIFICATION DECAL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4289994		IDENTIFICATION DECAL GROUP		
1	R4278697	1	· DECAL, FRONT SWOOSH L.H.		
2	R4278699	1	· DECAL, FRONT SWOOSH R.H.		
3	R4278664	1	· DECAL, MIDDLE SWOOSH L.H.		
4	R4278665	1	· DECAL, MIDDLE SWOOSH R.H.		
5	R4278698	2	· DECAL, REAR SWOOSH		
6	N.P.N.		· NOT USED		
7	R4284044	2	· DECAL, P&H - 33"X 14"		
8	R4289995	3	· DECAL, L-2350		
9	R4289997	1	· DECAL, P&H - 11-1/4" X 4-1/2"		
10	R4289998	1	· DECAL, P&H - 15-1/2" X 6-1/4"		
11	R4289999	1	· DECAL, SR DRIVE		
	REF		DRAWING, IDENTIFICATION DECAL GROUP (R428999402)		

**L-2350-2242 PARTS MANUAL
IDENTIFICATION DECAL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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**L-2350-2242 PARTS MANUAL
PAINT GROUP**

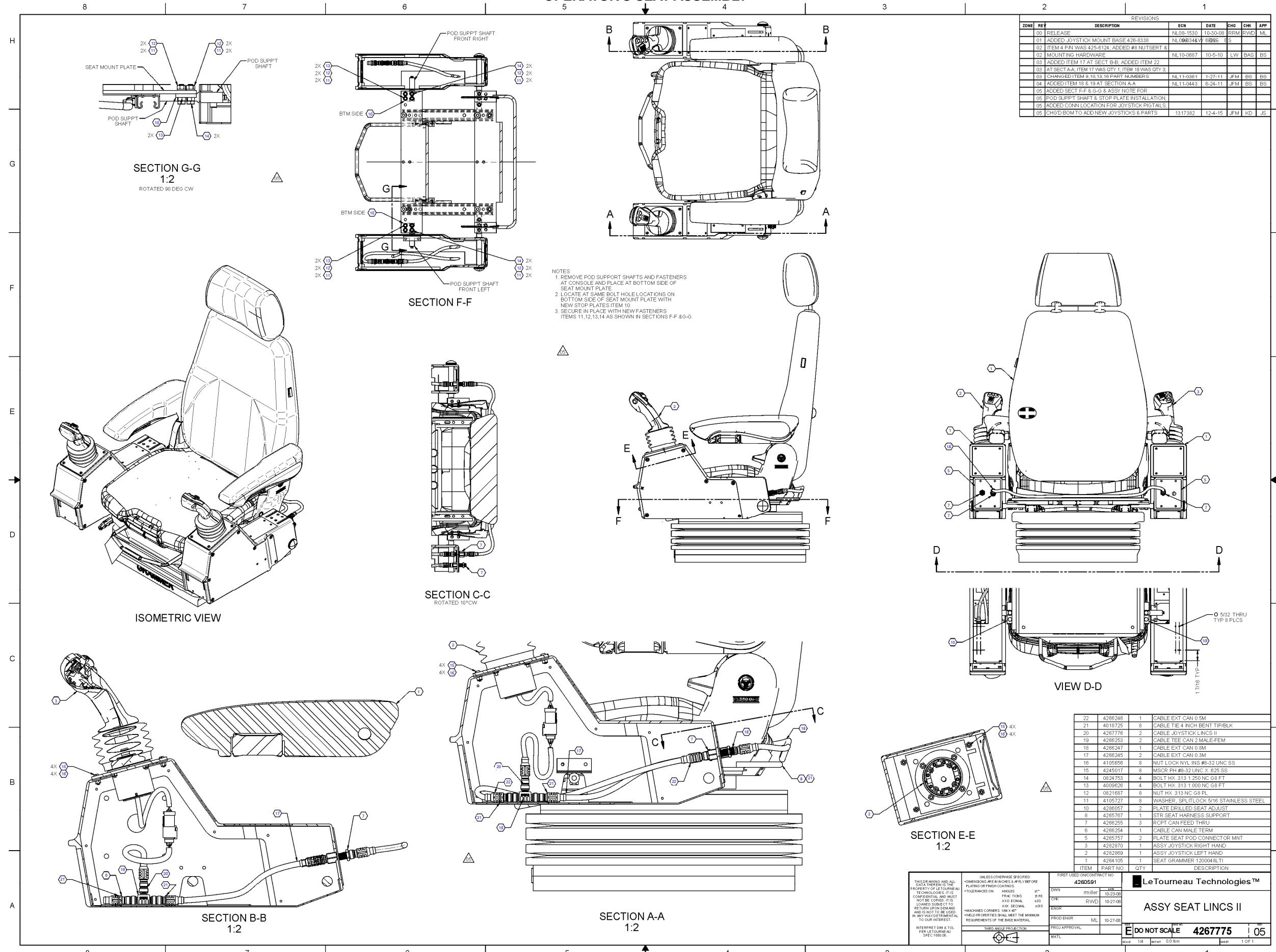
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	R4274800			PAINT GROUP		6/7/13
1	R4264671	10	GL	· PAINT, WHITE LET		
2	R4274797	120	GL	· PAINT, YELLOW P&H		
3	R4274798	50	GL	· PAINT, FLAT BLACK P&H		
4	R4264676	150	GL	· PRIMER, SHALE GRAY		
5	R4274799	25	GL	· PAINT, GLOSS BLACK P&H		
6	R4098192	2	GL	· COATING, NON SKID		6/7/13

**L-2350-2242 PARTS MANUAL
PAINT GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
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OPERATOR'S SEAT ASSEMBLY



OPERATOR'S SEAT ASSEMBLY

**L-2350-2242 PARTS MANUAL
OPERATOR'S SEAT ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4267775		OPERATOR'S SEAT ASSEMBLY - LINCS II		
1	R4264105	1	· SEAT, AIR SUSPENSION		
	R4267779	1	· · SEAT BELT - 4-POINT HARNESS		
	R4238113	REF	· · SEAT BELT - RETRACTABLE (OPTIONAL)		4/5/18
	R4268391	1	· · POD MOUNTING KIT		
	R4268392	1	· · POD, SEAT - R.H.		
	R4268393	1	· · POD, SEAT - L.H.		
	R4265170	1	· · AIR SUSPENSION ASSEMBLY - WITHOUT SEAT		
	R4265171	1	· · SEAT ASSEMBLY WITH PODS AND HARNESS - WITHOUT SUSPENSION		
	R4255430	1	· · LIMIT SWITCH KIT, SPDT - SEAT POD		7/21/11
	R4264101	1	· · SLIDE RAIL SET, SINGLE LOCKING		7/21/11
	R4264102	1	· · DAMPER, GAS		7/21/11
	R4270193	1	· · SHOCK ABSORBER KIT, SUSPENSION		7/21/11
	R4240562	1	· · SLIDE ASSEMBLY, SEAT		7/21/11
	R4252655	1	· · ARM REST, L.H.		7/21/11
	R4252656	1	· · ARM REST, R.H.		7/21/11
	R4270184	1	· · BACKREST PAN		7/21/11
	R4267226	1	· · LEVER		7/21/11
	R4267227	1	· · HANDLE KIT		7/21/11
	R4268393	1	· · POD, SEAT - L.H.		7/21/11
	R4268392	1	· · POD, SEAT - R.H.		7/21/11
	R4268391	1	· · POD MOUNTING KIT		7/21/11
	R4252646	1	· · SEAT ARM SUPPORT KIT		7/21/11
	R4270191	1	· · COVER, L.H.		7/21/11
	R4270192	1	· · COVER, R.H.		7/21/11
	R4274422	1	· · HANDLE, CONTROL		7/21/11
2	R4282869	1	· JOYSTICK CONTROL, L.H.		3/8/17
3	R4282870	1	· JOYSTICK CONTROL, R.H.		3/8/17
4	N.P.N.		· NOT USED		3/8/17
5	R4265757	2	· MOUNT PLATE, SEAT POD CONNECTOR		
6	R4266254	1	· CABLE, CAN - MALE		
7	R4266255	3	· RECEPTACLE, CAN FEED THRU		
8	R4265767	1	· SUPPORT STRUCTURE, SEAT HARNESS		
9	N.P.N.		· NOT USED		3/8/17
10	R4286057	2	· SEAT ADJUSTMENT PLATE, DRILLED		3/8/17
11	R4105727	8	· LOCKWASHER, 5/16" - S.S.		3/8/17
12	R0821687	8	· NUT, 5/16"-18		3/8/17
13	R4009626	4	· BOLT, 5/16"-18 X 1"		3/8/17
14	R0824753	4	· BOLT, 5/16"-18 X 1-1/4"		3/8/17
15	R4245017	8	· SCREW, #8-32 X 5/8" - S.S.		3/8/17
16	R4105656	8	· LOCKNUT, #8-32 - S.S., NYLON		3/8/17
17	R4266245	2	· CABLE EXTENSION, CAN .3M		3/16/11
18	R4266247	1	· CABLE EXTENSION, CAN .8M		3/16/11
19	R4266253	2	· CABLE TEE, CAN - 2 MALE-FEMALE		3/16/11
20	R4267776	2	· CABLE, JOYSTICK - LINCS II		3/16/11
21	R4018725	8	· CABLE TIE, 4" - BENT TIP/BLACK		3/16/11
22	R4266246	1	· CABLE EXTENSION, CAN .5M		3/16/11
	R4279632	REF	LABEL, LOADER JOYSTICK FUNCTION - LEFT AND RIGHT	1	6/7/13
	R4271902	REF	LABEL, LOADER JOYSTICK FUNCTION - LEFT AND RIGHT - PORTUGUESE	1	3/16/11
	R4271903	REF	LABEL, LOADER JOYSTICK FUNCTION - LEFT AND RIGHT - SPANISH	1	2/8/12
	R4271845	REF	LABEL, LOADER JOYSTICK FUNCTION - LEFT AND RIGHT - CHINESE	1	3/16/11
	R4275279	REF	LABEL, LOADER JOYSTICK FUNCTION - LEFT AND RIGHT - FRENCH	1	4/25/13

**L-2350-2242 PARTS MANUAL
OPERATOR'S SEAT ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4275310	REF	LABEL, LOADER JOYSTICK FUNCTION - LEFT AND RIGHT - RUSSIAN	1	6/6/12
	R4279633	REF	LABEL, LOADER JOYSTICK FUNCTION - LEFT AND RIGHT - TURKISH	1	6/7/13
		REF	DRAWING, OPERATOR'S SEAT ASSEMBLY (R426777505)		3/8/17

L-2350-2242 PARTS MANUAL
Power Unit Components
SECTION OR GROUP TITLE

POWER UNIT INSTALLATION
BLOWER AND AIR CLEANER ASSEMBLY
FUEL SYSTEM
EXHAUST SYSTEM
RADIATOR MOUNT GROUP
RADIATOR PIPING
SURGE TANK HARDWARE GROUP
SURGE TANK FILL LINES GROUP
SURGE TANK VENT LINES GROUP
ENGINE AIR INTAKE
GEARBOX AND PUMPS
GEARBOX AND DRIVE ADAPTERS ASSEMBLY
HYDRAULIC GEARBOX ASSEMBLY
AIR COMPRESSOR
HYDRAULIC GEARBOX MOUNT GROUP
DRIVE COMPONENTS - POWER UNIT
BLOWER ASSEMBLY
AIR COOLING SYSTEM
AIR CLEANER SYSTEM
INLET DOOR ASSEMBLY
AIR CLEANER MANIFOLD ASSEMBLY
PULSE VALVE ASSEMBLY
A/C AND HEATER SYSTEM
Komatsu has made effort to make this manual as accurate as possible based on the information available at the time of publication and printing.
Continuous improvement and advancement of product design may cause changes to machines which may not have been included in this publication.
Komatsu reserves the right to make changes and improvements at any time.
To ensure the most current information, please use the Komatsu On-Line Parts Manual Database or contact your service center.
This illustrated Parts Manual is now designed primarily for electronic viewing.
It is best viewed from the DVD or the Komatsu On-Line Parts Manual Database.
In its printed paper version some items in the illustrations may appear small and the reference numbers may be difficult to read.
In a case where a number or view is unreadable you will need to view it electronically and use the zoom feature.
NOTE: Many of the parts for factory-installed optional components are found in Section 9 of the Parts Manual, which is titled MISCELLANEOUS.
It is essential to verify the optional equipment on the machine and check the parts lists in Section 9 prior to ordering parts.
Should there be questions or need for additional information concerning parts for factory-installed options, contact the Komatsu Parts Sales Department before placing an order.

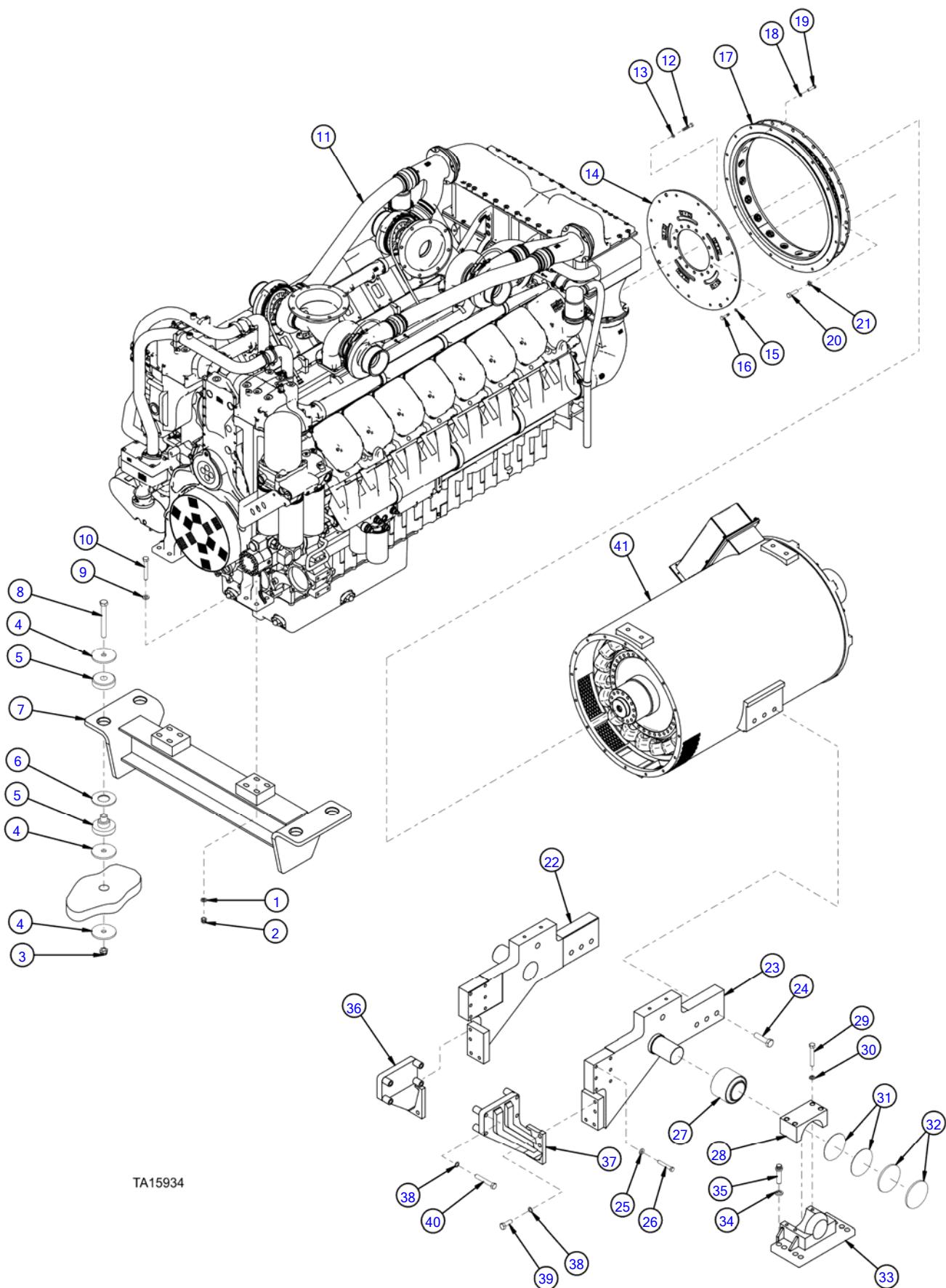
L-2350-2242 PARTS MANUAL

Power Unit Components

SECTION OR GROUP TITLE

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POWER UNIT INSTALLATION



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POWER UNIT INSTALLATION

**L-2350-2242 PARTS MANUAL
POWER UNIT INSTALLATION**

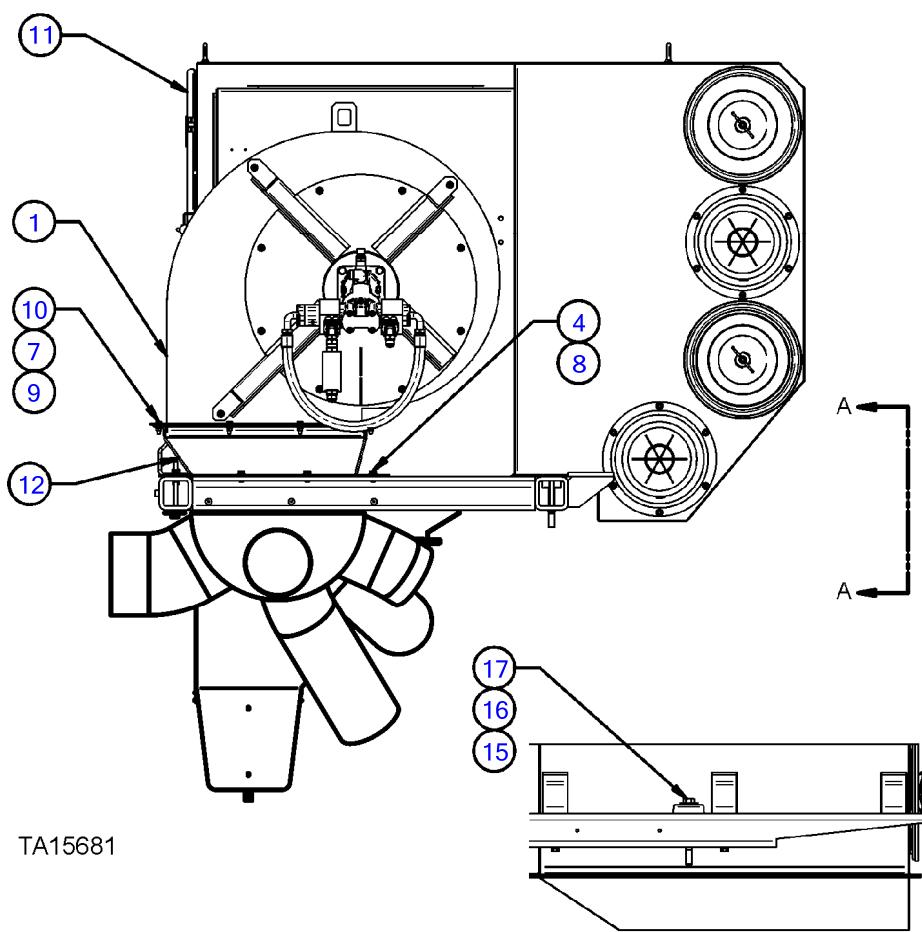
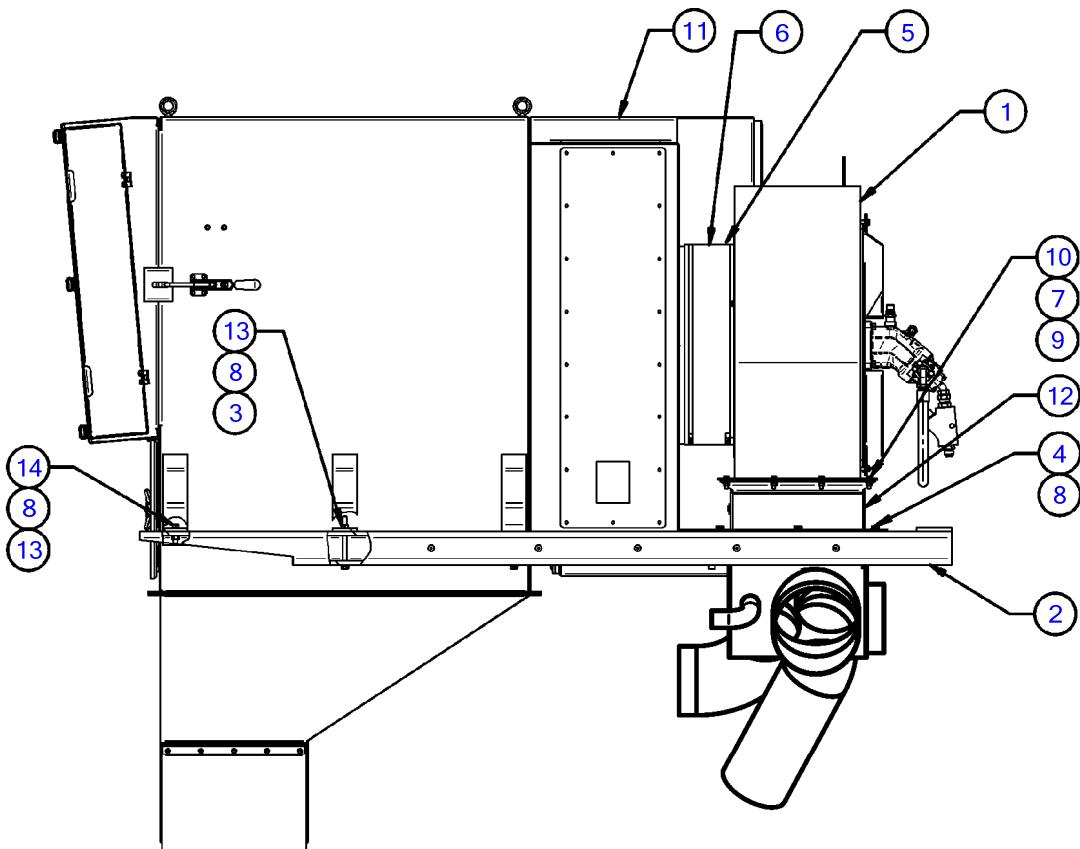
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4283155		POWER UNIT INSTALLATION		
1	R0021542	8	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
2	R4016031	8	· LOCKNUT, 3/4"-16 - NYLON		
4	R4240788	12	· FLATWASHER, 1" I.D. X 5-1/4" O.D. X 3/8"		
5	R4240787	4	· MOUNT, RUBBER		
6	R4241984	4	· FLATWASHER, 2-1/2" I.D. X 5-1/4" O.D. X 1/4"		
7	R4233088	1	· MOUNT STRUCTURE, ENGINE - FRONT		
8	R4240789	4	· BOLT, 1"-8 X 8-1/2"		
9	R4016046	8	· FLATWASHER, 3/4" X 1-1/2" X 1/8"		
10	R0021656	8	· BOLT, 3/4"-10 X 5"		
11	R4272122	REF	· ENGINE, DD - 16V4000, 2300 HP, T1		
12	N.P.N.	REF	· CAPSCREW - (FURNISHED WITH FLEX PLATE GROUP)		
13	N.P.N.	REF	· WASHER - (FURNISHED WITH FLEX PLATE GROUP)		
14	N.P.N.	REF	· FLEX PLATE (FURNISHED WITH FLEX PLATE GROUP)		
15	N.P.N.	REF	· WASHER - (FURNISHED WITH FLEX PLATE GROUP)		
16	N.P.N.	REF	· CAPSCREW - (FURNISHED WITH FLEX PLATE GROUP)		
17	R4272127	1	· ADAPTER STRUCTURE, GENERATOR/ENGINE		
18	R0801181	16	· LOCKWASHER, 1/2"		
19	R4237738	16	· BOLT, 12 MM X 1.75 X 30.00		
20	R0025762	16	· BOLT, 5/8"-11 X 1-1/2"		6/23/16
21	R0131165	16	· LOCKWASHER, 11/16"		
22	R4283159	1	· MOUNT STRUCTURE, ENGINE & GENERATOR - LEFT SIDE		
23	R4283157	1	· MOUNT STRUCTURE, ENGINE & GENERATOR - RIGHT SIDE		
24	R0021670	6	· BOLT, 1"-8 X 4"		
25	R4233766	12	· FLATWASHER, 5/8"		
26	R4272129	12	· BOLT, 16 MM X 100 X 2.00		
27	R4163582	2	· BUSHING, MOUNT		
28	R4161145	2	· CAP		
29	R0021656	8	· BOLT, 3/4"-10 X 5"		
30	R0021542	8	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
31	R4161482	AR	· SHIM, 1/8"		
32	R4161483	AR	· SHIM, 3/8"		
33	R4280147	1	· SOCKET MOUNT STRUCTURE, 4-BOLT - LEFT SIDE		
	R4280149	1	· SOCKET MOUNT STRUCTURE, 4-BOLT - RIGHT SIDE		
34	R0021544	8	· LOCKWASHER, 1"		
35	R4002144	8	· CAPSCREW, 1"-14 X 3-1/2"		
36	R4272029	1	· STIFFENER STRUCTURE, ENGINE - RIGHT SIDE OF ENGINE		
37	R4272030	1	· STIFFENER STRUCTURE, ENGINE - LEFT SIDE OF ENGINE		
38	R4269249	16	· FLATWASHER, 20 MM - SERRATED		
39	R4181596	8	· BOLT, 20 MM X 2.50 X 60		
40	R4272032	8	· BOLT, 20 MM X 2.50 X 130		
41	R4266813	REF	GENERATOR ASSEMBLY, G200 (PAGE 3.1-3.1A)		

**L-2350-2242 PARTS MANUAL
POWER UNIT INSTALLATION**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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BLOWER AND AIR CLEANER ASSEMBLY



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VIEW A-A

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BLOWER AND AIR CLEANER ASSEMBLY

**L-2350-2242 PARTS MANUAL
BLOWER AND AIR CLEANER ASSEMBLY**

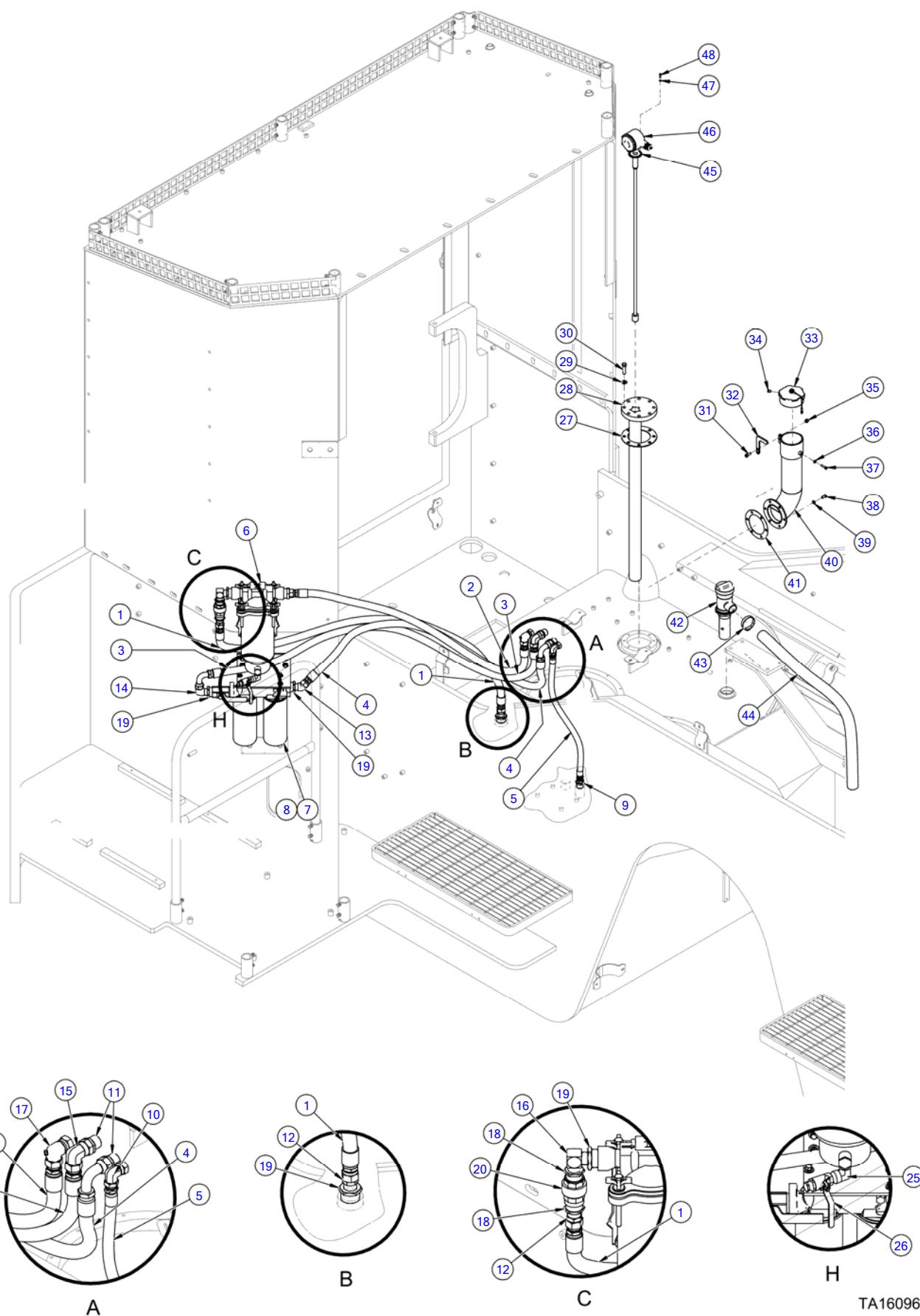
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4278808		BLOWER AND AIR CLEANER ASSEMBLY		
1	N.P.N.	1	· BLOWER ASSEMBLY		
2	R4278809	1	· MOUNT STRUCTURE, BLOWER AND AIR CLEANER		
3	R4009760	4	· BOLT, 1/2"-13 X 6"		
4	R0801180	10	· BOLT, 1/2"-13 X 1"		
5	R4171318	4	· CLAMP, HOSE - WORM, 13-3/4"		
6	R4227723	1	· DUCT, FLEX - 24" X 7"		
7	R0753123	12	· LOCKWASHER, 3/8"		
8	R0801181	16	· LOCKWASHER, 1/2"		
9	R0812921	12	· NUT, 3/8"-16		
10	R0808476	12	· BOLT, 3/8"-16 X 1-1/4"		
11	R4263017	1	· FILTER ASSEMBLY, AIR CLEANER		
12	R4223232	1	· ADAPTER STRUCTURE, BLOWER		
13	R0808489	6	· NUT, 1/2"-13		
14	R0827222	2	· BOLT, 1/2"-13 X 2"		
15	R4082921	1	· MOUNT, RUBBER - 2400 LBS LOAD RATING		
16	R0711601	1	· FLATWASHER, 3/4" I.D. X 2-1/8" O.D. X 1/4"		
17	R4172139	12	· BOLT, 3/4"-10 X 7-1/2"		
		REF	DRAWING, BLOWER AND AIR CLEANER ASSEMBLY (R427880800)		

**L-2350-2242 PARTS MANUAL
BLOWER AND AIR CLEANER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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FUEL SYSTEM



FUEL SYSTEM

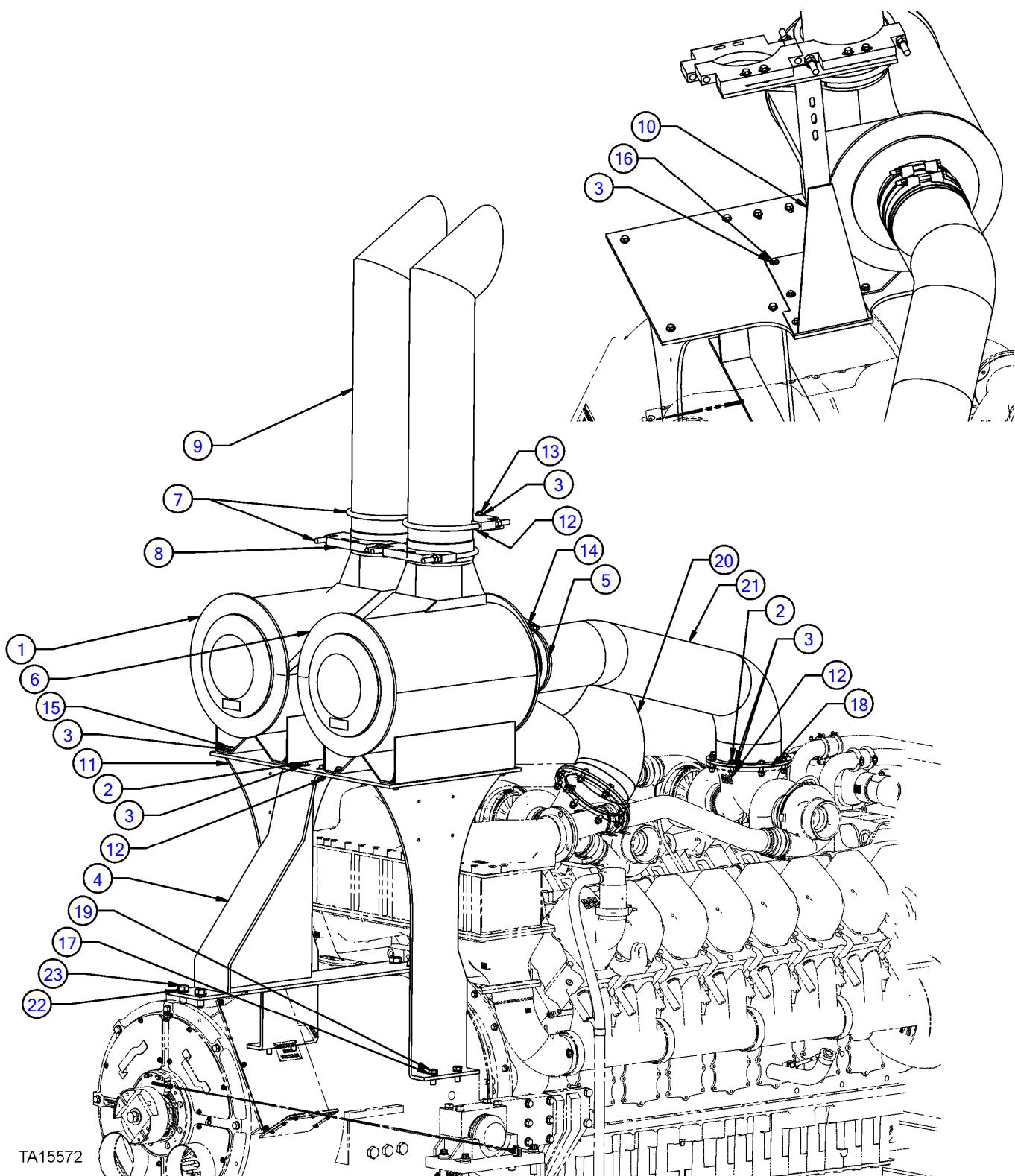
**L-2350-2242 PARTS MANUAL
FUEL SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4272837		FUEL SYSTEM (-1)		
	R4283179	1	· FUEL LINES GROUP		
1	R4286881	1	· · HOSE ASSEMBLY, #16 X 92", MDG		
2	R4286882	1	· · HOSE ASSEMBLY, #16 X 70", MDG		
3	R4286883	1	· · HOSE ASSEMBLY, #16 X 84", MDG		
4	R4286884	1	· · HOSE ASSEMBLY, #16 X 67", MDG		
5	R4286885	1	· · HOSE ASSEMBLY, #12 X 42", MDG		
6	R4262980	1	· · FUEL FILTER/SEPERATOR ASSEMBLY		
	R4262981	1	· · · FILTER, FUEL		
	N.P.N	1	· · · O-RING		
	N.P.N	1	· · · SPRING		
7	R4279902	1	· · FUEL FILTER ASSEMBLY		
	R4279903	2	· · · FILTER, FUEL - SPIN-ON		
8	R4279901	1	· · MOUNT BRACKET, FUEL FILTER		
9	R4040561	1	· · ADAPTER, 1" MP X #12 MJ		
10	R4002481	1	· · ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
11	R4238247	2	· · ADAPTER, #16 MJ x 33MM		
12	R4002424	2	· · ADAPTER, 1" MP X #16 MJ		
13	R4002434	1	· · ELBOW, 1" MP X 45 deg. X #16 MJ		
14	R4002443	1	· · ELBOW, 1" MP X 90 deg. X #16 MJ		
15	R4002483	1	· · ELBOW, #16 FJ X 90 deg. X #16 MJ - SWIVEL		
16	R4244735	1	· · ELBOW, 1" MP X 90 deg. X 1" MP		
17	R4233145	1	· · ELBOW, #16 FJ X 90 deg. X #16 MJ X PLUG, PIPE - 1/8", HEX HD.		
18	R4013782	2	· · REDUCER, 1" FP X 1-1/4" MP		
19	R4013951	4	· · REDUCER, 1" FP X 1-1/2" MP		
20	R4247865	1	· · VALVE KIT, CHECK - FUEL, 1-1/4" - .29 PSI		
	R4013799	1	· · · BUSHING, 1" FP X 1-1/4" MP		
	R4267851	1	· · · VALVE, CHECK - 1-1/4" - .29 PSI		
	R4267856	1	· · · FILTER SCREEN, SUCTION - FUEL		
	R4271094	1	· · · · REDUCER, 1-1/4" MP X 1" MP		
	R4267853	1	· · · · RING, RETAINING		
	R4271091	1	· · · · O-RING, 1-1/8" I.D. - BUNA N		
	R4251923	1	· · · · FILTER SCREEN, SUCTION - FUEL		
	R4013951	1	· · · · BUSHING, 1" FP X 1-1/2" MP		
	R4103739	1	· · · · SEALANT, HYDRAULIC - LOCTITE #569-31		
21	R0233042	12	· · FLATWASHER, 3/8"		
22	R9429695	12	· · LOCKWASHER, 3/8"		
23	R4131194	8	· · BOLT, 3/8"-16 X 7/8"		
24	R4009640	4	· · BOLT, 3/8"-16 X 1-1/2"		
25	R4032325	1	· · ELBOW, 1/2" FP X 90 deg. X 1/2" MP		
26	N.P.N.	REF	· · VALVE		
27	N.P.N.	1	NOT USED		
28	N.P.N.	1	NOT USED		
29	N.P.N.	8	NOT USED		
30	N.P.N.	8	NOT USED		
	R4272895	1	· FILLER GROUP, FUEL TANK (SEE NOTE 1)		
31	R0810971	2	· · BOLT, 3/8"-16 X 1"		
32	R4234257	1	· · LATCH, FILLER NECK		
33	R4143852	1	· · CAP ASSEMBLY, FUEL		
34	R4011648	1	· · BREATHER, 1/8" MP - 40 MICRON		
35	R0985113	2	· · LOCKNUT, 3/8"-16 - NYLON		
36	R4010923	1	· · FLATWASHER, 1/4"		
37	R4009612	1	· · BOLT, 1/4"-20 X 1-1/4"		
38	R0810970	6	· · BOLT, 3/8"-16 X 3/4"		
39	R0753123	6	· · LOCKWASHER, 3/8"		

**L-2350-2242 PARTS MANUAL
FUEL SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
40	R4272893	1	· · FILLER NECK STRUCTURE, FUEL TANK		
41	R4082264	1	· · GASKET, FUEL FILLER NECK		
	R4233141	1	· VENT GROUP, FUEL TANK (SEE NOTE 2)		
42	R4274877	1	· · VENT ASSEMBLY		
43	R0235391	1	· · CLAMP, HOSE - WORM, 1-13/16"		
44	R4283905	1	· · HOSE, 1-3/4" X 36"		
45	R4289003	REF	GASKET, FUEL SENDING UNIT	1	
46	R4270063	REF	SENDING UNIT ASSEMBLY, FUEL LEVEL	1	
	R4270064	REF	· SENDING UNIT, FUEL LEVEL	1	
	R4032345	REF	· CONNECTOR, CABLE - 1/2"	1	
	R4261569	REF	· SPACER, FUEL SENDING UNIT	1	
47	R4010907	REF	LOCKWASHER, #10	5	
48	R0211787	REF	SCREW, #10-32 X 1-1/8"	5	
	R4251971	1	· FUEL TANK GROUP		
	R4247955	1	· · TANK STRUCTURE, FUEL - 1305 GALLONS		
	R4102664	4	· · · COVER ASSEMBLY, ACCESS - FUEL TANK		
	R4005299	4	· · · CLAMP STRUCTURE		
	R0828984	4	· · · O-RING, 6-1/8" I.D. - BUNA N		
	R4005298	4	· · · COVER STRUCTURE		
	R4001871	4	· · · CAPSCREW, 1/2"-13 X 1-3/4"		
	R0782042	4	· · · PLUG, PIPE - 3/4", HEX CSK.		
	R4271765	2	· · SPACER BAR, FUEL TANK MOUNT		
	R0021668	16	· · BOLT, 1"-8 X 3"		
	R0021544	16	· · LOCKWASHER, 1"		
	R4274155	3	· · COVER GROUP, FUEL TANK		
	R0808476	36	· · · BOLT, 3/8"-16 X 1-1/4"		
	R0753123	36	· · · LOCKWASHER, 3/8"		
	R4274154	3	· · · COVER PLATE, 20-5/8" X 1/2" - ALUMINUM		
	R4248986	3	· · · O-RING, 18-7/16" I.D. - BUNA N		
	R4013958	1	· · PLUG, PIPE - 1" SQ. CSK. MAG.		
	R4013957	1	· · PLUG, PIPE - 3/4", SQ. CSK. MAG.		
			NOTE 1: SEE SECTION 10 FOR OPTIONAL FUEL TANK FILLER		
			NOTE 2: SEE SECTION 10 FOR OPTIONAL FUEL TANK VENT		

EXHAUST SYSTEM



EXHAUST SYSTEM

**L-2350-2242 PARTS MANUAL
EXHAUST SYSTEM**

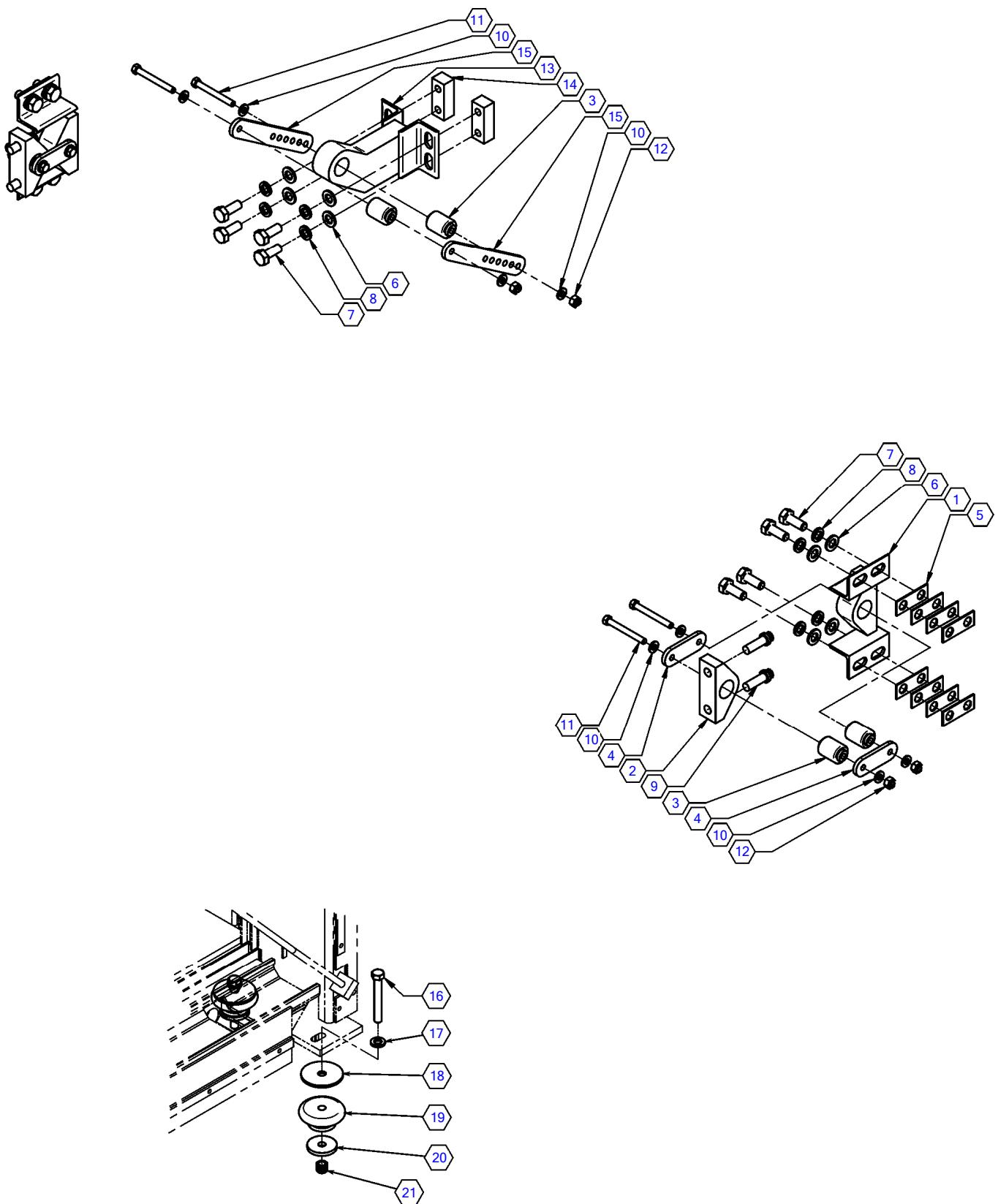
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273540		EXHAUST SYSTEM		
1	R4273542	1	· MUFFLER STRUCTURE, R.H.		
2	R0827222	18	· BOLT, 1/2"-13 X 2"		
3	R0810991	66	· FLATWASHER, 1/2" X 1" X 1/8"		
4	R4273597	1	· EXHAUST SUPPORT SUPPORT		
5	R4182641	2	· TUBE, FLEX - 10" I.D. X 6", METAL		
6	R4273541	1	· MUFFLER STRUCTURE, L.H.		
7	R4241694	4	· U-BOLT, 10-7/8" - WITH NUTS		
8	R4241652	4	· CLAMP STRUCTURE, STACK		
9	R4241924	2	· STACK, EXHAUST		
10	R4273599	1	· SUPPORT PLATE, EXHAUST - BOTTOM		
11	R4273529	1	· SUPPORT PLATE, EXHAUST		
12	R0808489	30	· NUT, 1/2"-13		
13	R0808598	4	· BOLT, 1/2"-13 X 2-3/4"		
14	R4142031	4	· CLAMP ASSEMBLY, 10-1/4"		
15	R4009753	8	· BOLT, 1/2"-13 X 1-1/2"		
16	R0824766	6	· BOLT, 3/8"-16 X 1/2"		
17	R0021542	4	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
18	R4165679	2	· GASKET, EXHAUST TUBE		
19	R4009524	4	· BOLT, 3/4"-10 X 1-3/4"		
20	R4273545	1	· TUBE STRUCTURE, MUFFLER - R.H. DD		
21	R4273546	1	· TUBE STRUCTURE, MUFFLER - L.H. DD		
22	R4125632	4	· LOCKWASHER, 1"		
23	R0021666	4	· BOLT, 1"-8 X 2"		
		REF	DRAWING, EXHAUST SYSTEM (R427354000)		

**L-2350-2242 PARTS MANUAL
EXHAUST SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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RADIATOR MOUNT GROUP



RADIATOR MOUNT GROUP

**L-2350-2242 PARTS MANUAL
RADIATOR MOUNT GROUP**

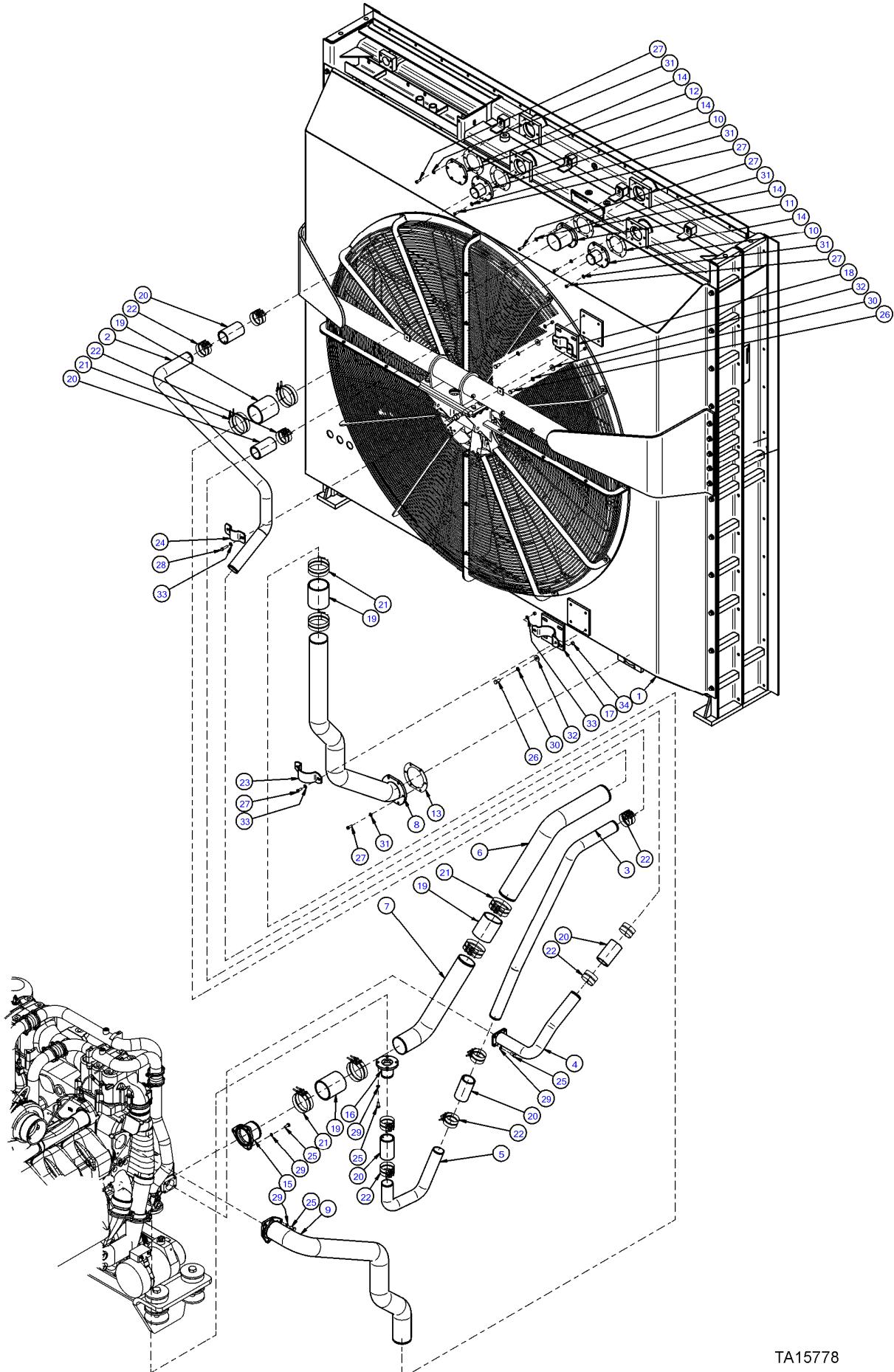
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274840		RADIATOR MOUNT GROUP		
	R4274839	1	· RADIATOR TOP MOUNT		
1	R4170855	2	· · MOUNT STRUCTURE, RADIATOR		
2	R4170853	2	· · MOUNT, RADIATOR		
3	R4170847	6	· · BUSHING, MOUNT - RADIATOR		
4	R4170854	4	· · LINK, MOUNT - RADIATOR		
5	R4225142	16	· · SHIM, 1/8"		
6	R4016046	12	· · FLATWASHER, 3/4" X 1-1/2" X 1/8"		
7	R0021644	12	· · BOLT, 3/4"-10 X 2"		
8	R0021542	12	· · LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
9	R4001910	4	· · CAPSCREW, 3/4"-10 X 2-1/4"		
10	R0810991	12	· · FLATWASHER, 1/2" X 1" X 1/8"		
11	R0836034	6	· · BOLT, 1/2"-13 X 4-1/2"		10/2/13
12	R4016017	6	· · LOCKNUT, 1/2"-13 - NYLON		
13	R4274838	1	· · MOUNT STRUCTURE, RADIATOR		
14	R4119482	REF	· · TAPPED BAR, RADIATOR TO COWL		
15	R4211619	2	· · LINK, MOUNT - RADIATOR		
	R4233146	1	· · RADIATOR BASE MOUNT		
16	R4009832	4	· · BOLT, 3/4"-16 X 5-1/2"		
17	R4148687	4	· · FLATWASHER, 3/4" X 1-1/2" X 3/16"		
18	R4211080	4	· · FLATWASHER, 3/4" I.D. X 4-1/4" O.D. X 1/8"		7/28/16
19	R4082921	4	· · MOUNT, RUBBER - 2400 LBS LOAD RATING		
20	R0711602	4	· · FLATWASHER, 3/4" I.D. X 3" O.D. X 1/4"		
21	R4016031	4	· · LOCKNUT, 3/4"-16 - NYLON		
		REF	DRAWING, RADIATOR MOUNT GROUP (R427483900 & R423314601)		

**L-2350-2242 PARTS MANUAL
RADIATOR MOUNT GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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RADIATOR PIPING



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RADIATOR PIPING

**L-2350-2242 PARTS MANUAL
RADIATOR PIPING**

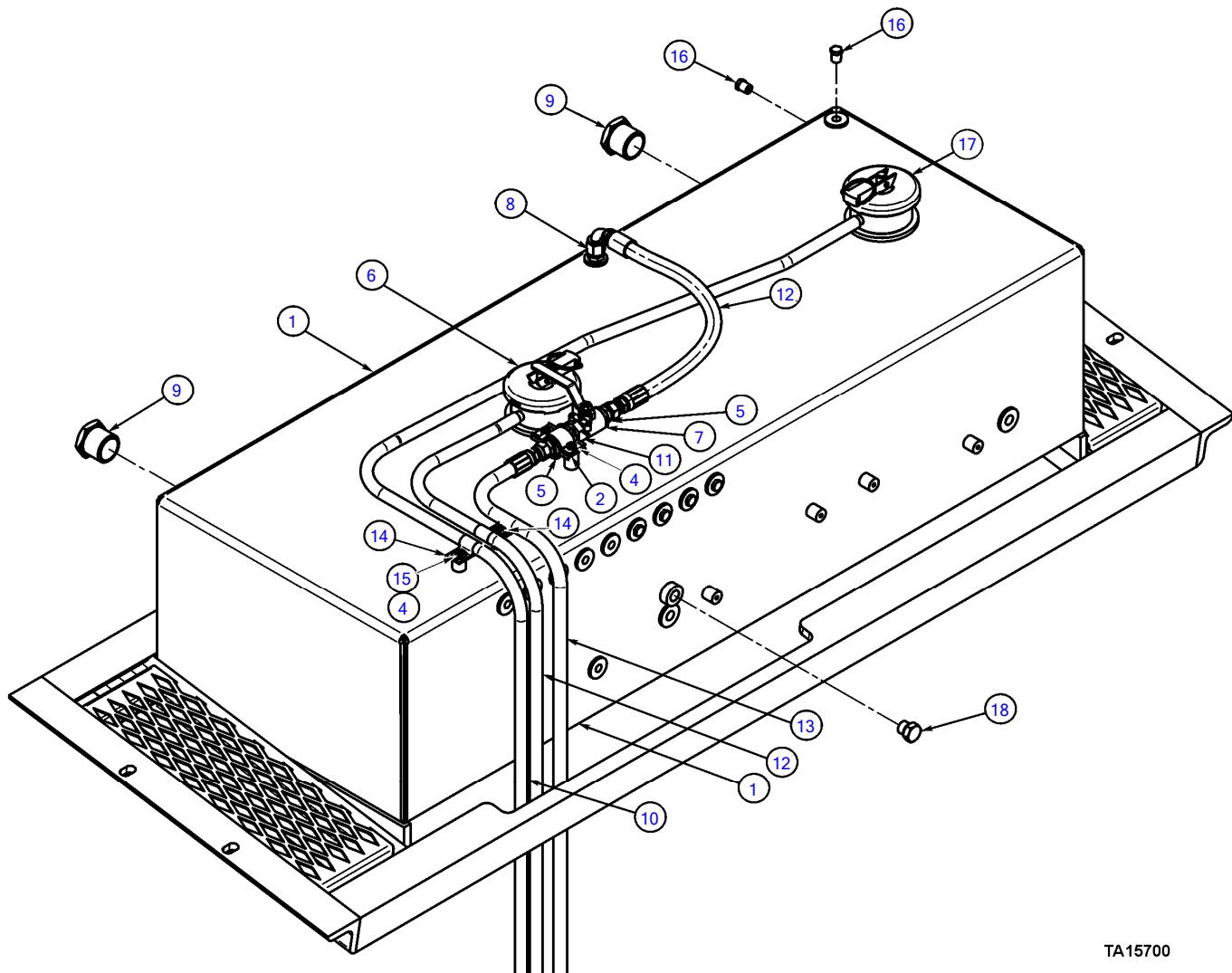
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4278117		RADIATOR PIPING		
1	R4275010	1	· RADIATOR, OIL COOLER ASSEMBLY (PAGE 8.6-8.6A)		
2	R4275131	1	· TUBE, OUTLET - RADIATOR INTERCOOLER, 2-1/2"		
3	R4278122	1	· TUBE, OUTLET - RADIATOR INTERCOOLER, 2-1/2"		
4	R4278121	1	· TUBE, OUTLET - RADIATOR INTERCOOLER, 2-1/2"		
5	R4273535	1	· TUBE, OUTLET - RADIATOR INTERCOOLER, 2-1/2"		
6	R4278123	1	· TUBE, OUTLET - RADIATOR, 4"		
7	R4241745	1	· TUBE, OUTLET - RADIATOR, 4"		
8	R4275134	1	· TUBE, INLET - RADIATOR, 4", LOWER		
9	R4278115	1	· TUBE, INLET - RADIATOR, 4", UPPER		
10	R4236862	2	· FLANGE, 2-1/2" - 6 BOLT		
11	R4241731	1	· FLANGE STRUCTURE, RADIATOR OUTLET		
12	R4236860	1	· COVER PLATE, 6" O.D. - 6 BOLT		
13	R4247533	1	· GASKET, 5" I.D. - FLANGE TO TANK		
14	R4033186	4	· GASKET, 4-1/8" I.D. - FLANGE TO TANK		
15	R4275139	1	· FLANGE STRUCTURE, RADIATOR		
16	R4236718	1	· FLANGE, 2-1/2" - 4 BOLT		
17	R4275076	1	· MOUNT STRUCTURE, CLAMP - 4"		
18	R4275084	1	· MOUNT STRUCTURE, CLAMP - 2-1/2"		
19	R0983410	4	· HOSE, 4" I.D. X 5"		
20	R4015086	5	· HOSE, 2-1/2" I.D. X 5"		
21	R0983407	16	· CLAMP, HOSE - T-BOLT, 4-1/2"		
22	R0983442	20	· CLAMP, HOSE - T-BOLT, 3"		
23	R0987620	1	· CLAMP HALF, 4" O.D.		
24	R4237810	1	· CLAMP HALF, 2-1/2"		
25	R4103848	14	· BOLT, 10 MM X 1.50 X 25		
26	R0801180	8	· BOLT, 1/2"-13 X 1"		
27	R0810971	32	· BOLT, 3/8"-16 X 1"		
28	R4009640	2	· BOLT, 3/8"-16 X 1-1/2"		
29	R4241873	14	· LOCKWASHER, 10 MM		
30	R0801181	8	· LOCKWASHER, 1/2"		
31	R4010908	30	· LOCKWASHER, 7/16"		
32	R0021549	8	· FLATWASHER, 1/2"		
33	R0808221	4	· FLATWASHER, 3/8"		
34	R0985113	4	· LOCKNUT, 3/8"-16 - NYLON		
			REF DRAWING, RADIATOR PIPING (R427811701)		

**L-2350-2242 PARTS MANUAL
RADIATOR PIPING**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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SURGE TANK HARDWARE GROUP



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SURGE TANK HARDWARE GROUP

**L-2350-2242 PARTS MANUAL
SURGE TANK HARDWARE GROUP**

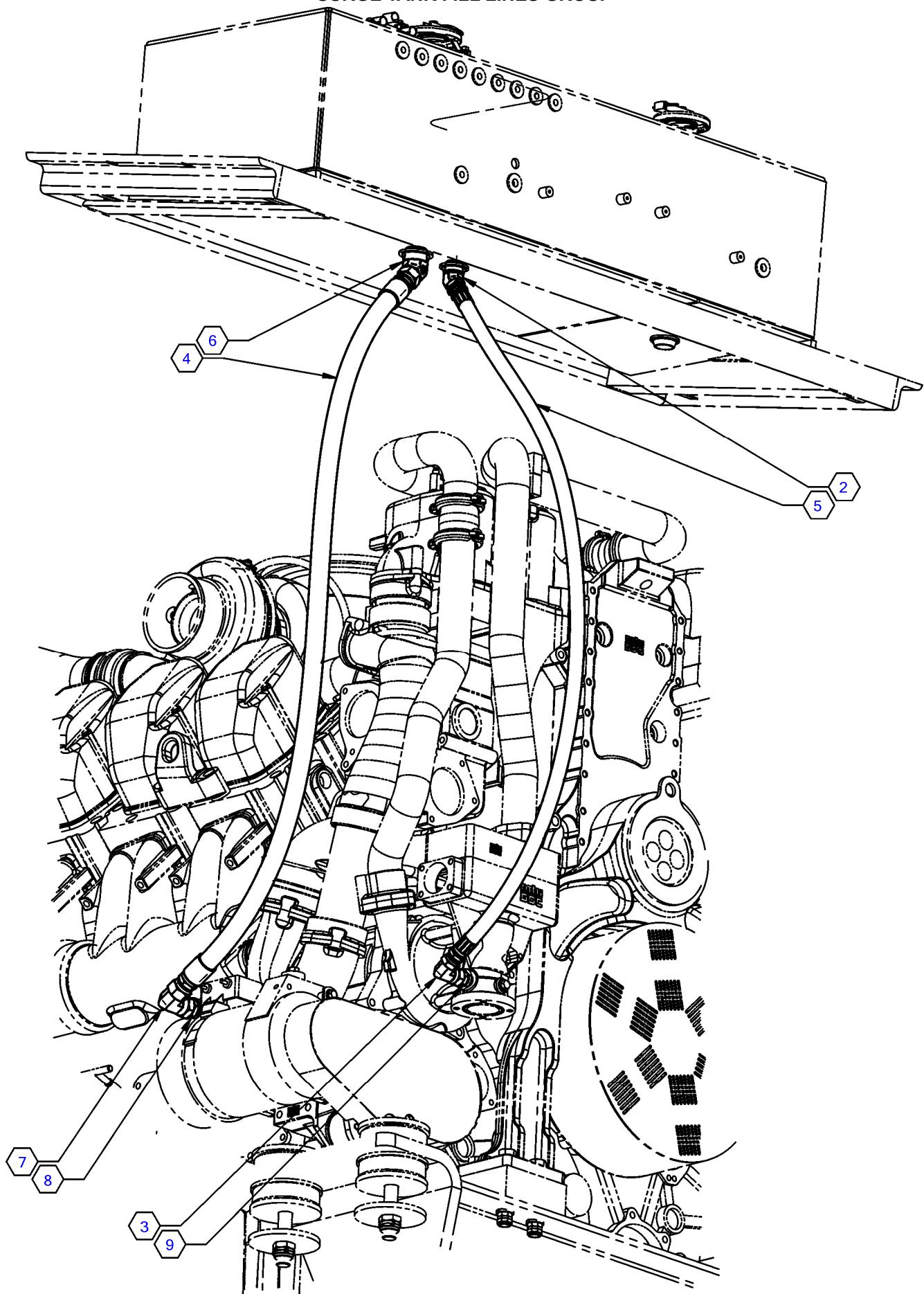
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4272035		SURGE TANK HARDWARE GROUP (-1)		
1	R4272037	1	· SURGE TANK STRUCTURE		
2	R0231310	2	· CLAMP HALF, 1-3/8" DIA.		
3	R0180841	1	· COUPLING, PIPE - 1/2"		
4	R0417597	4	· BOLT, 1/4"-20 X 1/2"		
5	R4018666	2	· ADAPTER, 1/2" MP X #8 MJ		
6	R4269212	1	· CAP, TANK - 4", 14 PSI		
7	R4225155	1	· VALVE, BALL - 1/2"		2/11/14
8	R4021571	1	· ADAPTER, 1/4" MP X #8 MJ		
9	R4133905	2	· GAUGE, LEVEL - SIGHT GLASS		
10	R4166954	1	· HOSE, #6 X 182"		
11	R0064820	1	· NIPPLE, PIPE		
12	R4177375	1	· HOSE ASSEMBLY, #8 X 18"		
13	R4223147	1	· HOSE ASSEMBLY, #8 X 170"		
14	R4153803	3	· CLAMP, CABLE - INSULATED, 5/8"		
15	R4223100	2	· FLATWASHER, 1/4" I.D. X 5/16" O.D. X 1/16" - CONICAL		
16	R4013779	6	· PLUG, PIPE - 1/4", HEX HD.		
17	R4275491	1	· CAP, TANK - 4", 10 PSI		
18	R4274907	1	· PLUG, 18M MO X 1.5		
	R4117627	REF	SENDING UNIT, LOW LEVEL		3/15/18
		REF	DRAWING, SURGE TANK HARDWARE GROUP (R427203503)		12/4/12

**L-2350-2242 PARTS MANUAL
SURGE TANK HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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SURGE TANK FILL LINES GROUP



SURGE TANK FILL LINES GROUP

**L-2350-2242 PARTS MANUAL
SURGE TANK FILL LINES GROUP**

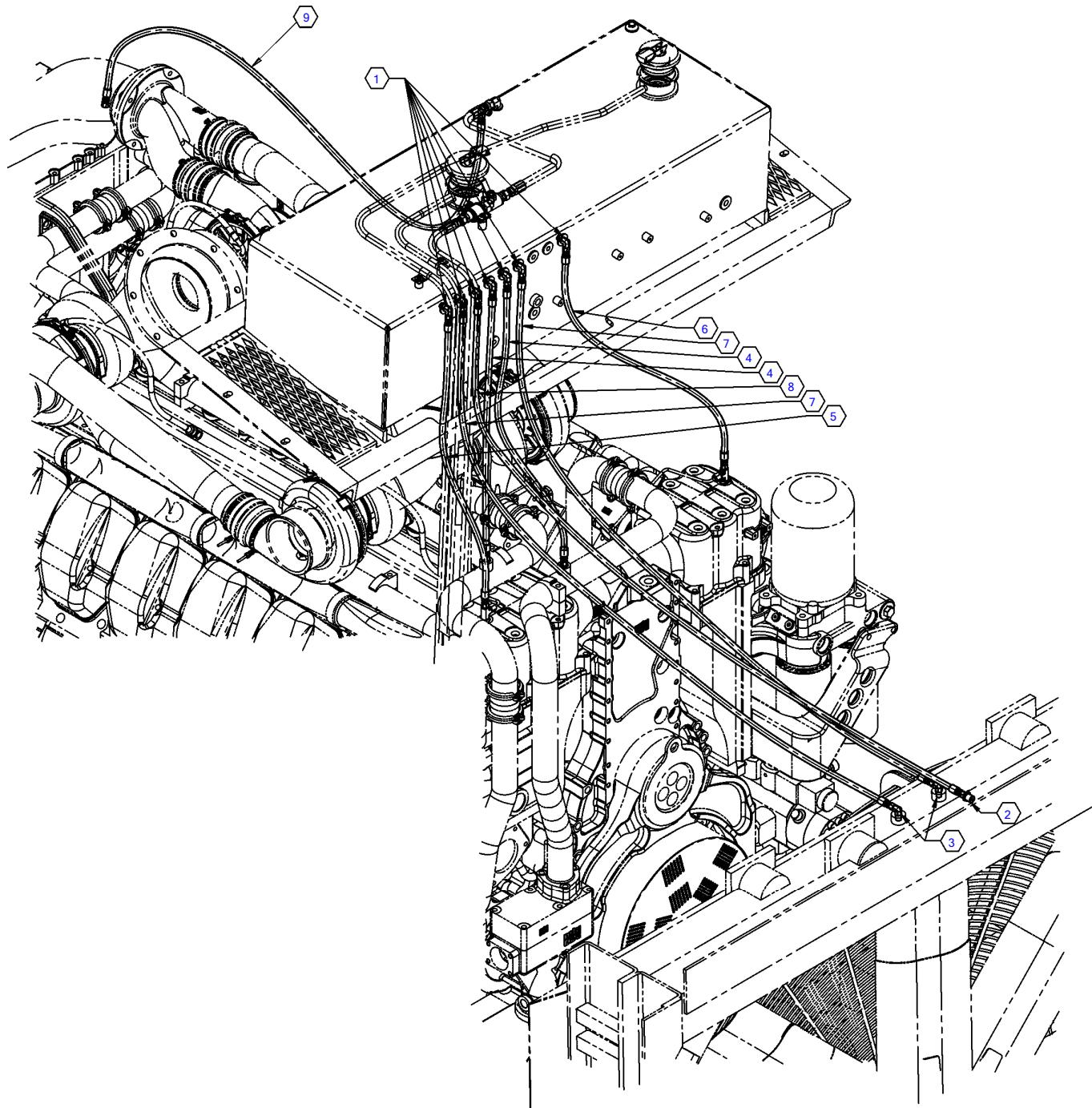
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273606		SURGE TANK FILL LINES GROUP		
1	N.P.N.		· NOT USED		
2	R4260654	1	· ELBOW, 1" MP X 45 deg. X #12 MJ		
3	R4002481	1	· ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
4	R4034900	1	· HOSE ASSEMBLY, #16 X 84"		
5	R4096696	1	· HOSE ASSEMBLY, #12 X 76"		
6	R4260659	1	· ELBOW, 1-1/4" MP X 45 deg. X #16 MJ		
7	R4002483	1	· ELBOW, #16 FJ X 90 deg. X #16 MJ - SWIVEL		
8	R4243568	1	· ADAPTER, 30 MM X #16 MJ		
9	R4243562	1	· ADAPTER, 22 MMO X #12 MJ		
			·		
	REF		DRAWING, SURGE TANK FILL LINES GROUP (R427360602)		

**L-2350-2242 PARTS MANUAL
SURGE TANK FILL LINES GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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SURGE TANK VENT LINES GROUP



SURGE TANK VENT LINES GROUP

**L-2350-2242 PARTS MANUAL
SURGE TANK VENT LINES GROUP**

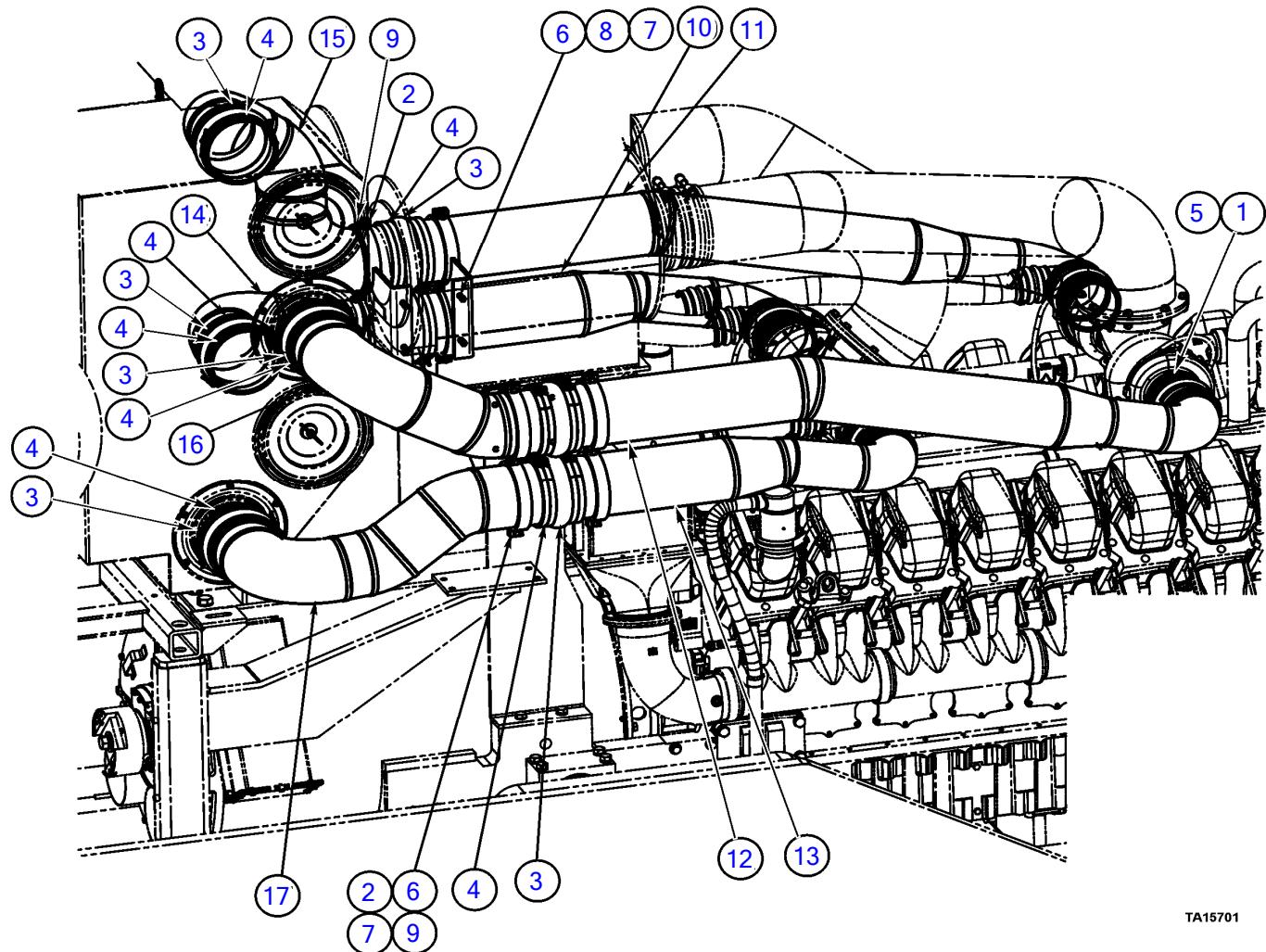
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274890		SURGE TANK VENT LINES GROUP		
1	R4011748	8	· ELBOW, 1/4" MP X 90 deg. X #4 MJ		
2	R4040562	1	· ADAPTER, 3/8" MP X #4 MJ		
3	R6953864	2	· ELBOW, 3/8" MP X 90 deg. X #4 MJ		
4	R6989418	2	· HOSE ASSEMBLY, #4 X 34"		
5	R4015681	1	· HOSE ASSEMBLY, #4 X 36"		
6	R4124916	1	· HOSE ASSEMBLY, #4 X 40"		
7	R6946210	2	· HOSE ASSEMBLY, #4 X 65"		
8	R4265904	1	· HOSE ASSEMBLY, #4 X 68"		
9	R4073656	1	· HOSE ASSEMBLY, #4 X 90"		
		REF	DRAWING, SURGE TANK FILL LINES GROUP (R427489000)		

**L-2350-2242 PARTS MANUAL
SURGE TANK VENT LINES GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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ENGINE AIR INLET SYSTEM



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ENGINE AIR INLET SYSTEM

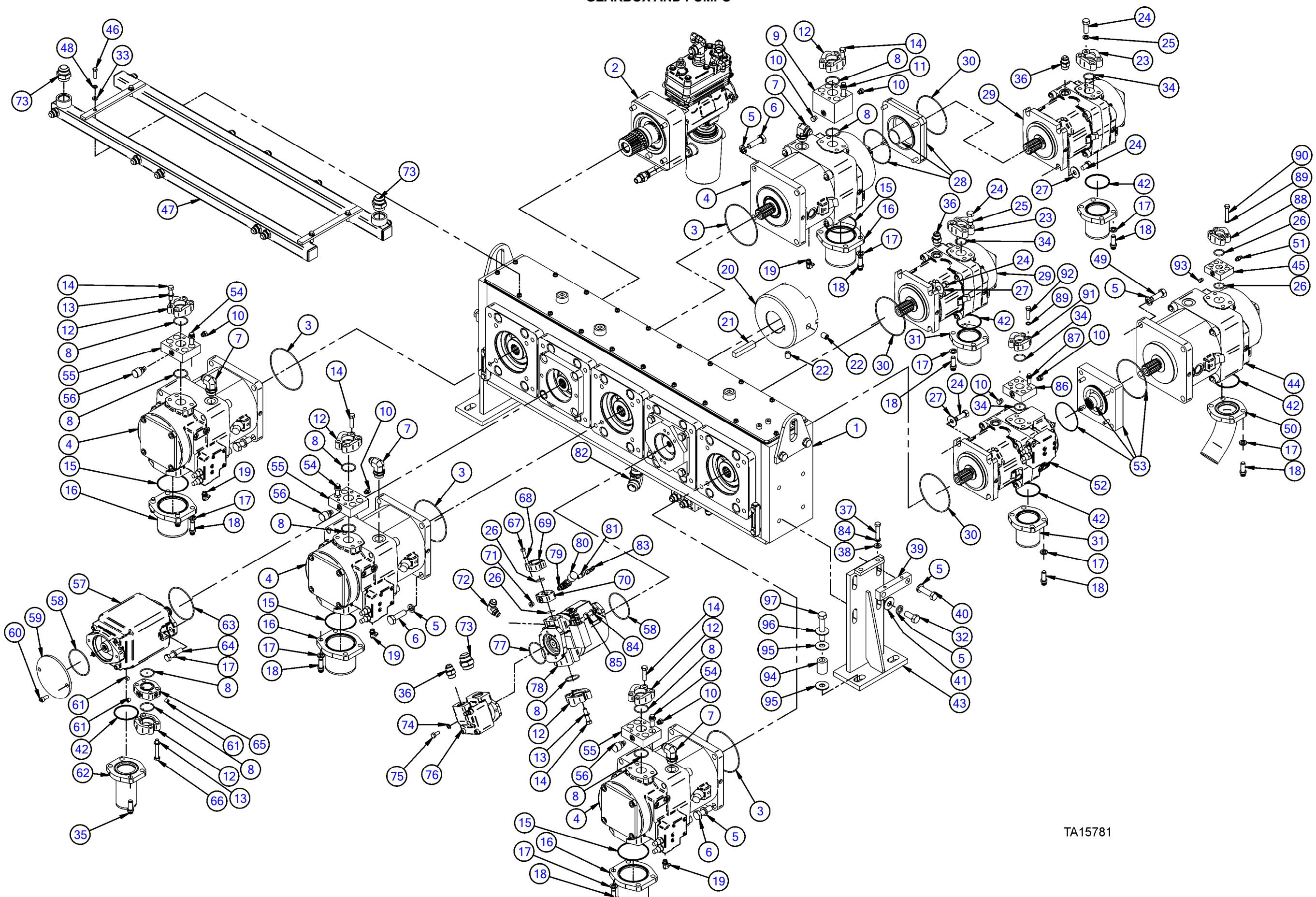
**L-2350-2242 PARTS MANUAL
ENGINE AIR INLET SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273543		ENGINE AIR INLET SYSTEM		3/11/16
1	R4214798	4	• HOSE, HUMP - 6" I.D. X 7"		1/17/14
2	R4273557	4	• SUPPORT STRUCTURE, TUBE - DOUBLE		
3	R4015052	8	• HOSE, HUMP - 8" I.D. X 5"		3/11/16
4	R0980785	32	• CLAMP, HOSE - T-BOLT, 8-1/2"		
5	R0979681	16	• CLAMP, HOSE - T-BOLT, 6-1/2"		
6	R0753123	8	• LOCKWASHER, 3/8"		3/11/16
	R0808221	16	• FLATWASHER, 3/8"		3/11/16
7	R4009640	12	• BOLT, 3/8"-16 X 1-1/2"		3/11/16
	R0829683	8	• BOLT, 3/8"-16 X 1-3/4"		3/11/16
8	R0812921	16	• NUT, 3/8"-16		3/11/16
9	R4273559	4	• CLAMP HALF, 8" - DOUBLE		
10	R4273549	1	• TUBE STRUCTURE, AIR - REAR LOWER, R.H.		
11	R4273550	1	• TUBE STRUCTURE, AIR - REAR UPPER, R.H.		
12	R4273551	1	• TUBE STRUCTURE, AIR - REAR UPPER, L.H.		
13	R4273552	1	• TUBE STRUCTURE, AIR - REAR LOWER, L.H.		
14	R4273553	1	• TUBE STRUCTURE, AIR - FRONT LOWER, R.H.		
15	R4273554	1	• TUBE STRUCTURE, AIR - FRONT UPPER, R.H.		
16	R4273555	1	• TUBE STRUCTURE, AIR - FRONT UPPER, L.H.		
17	R4273556	1	• TUBE STRUCTURE, AIR - FRONT LOWER, L.H.		
		REF	DRAWING, ENGINE AIR INTAKE (R427354302)		3/11/16

**L-2350-2242 PARTS MANUAL
ENGINE AIR INLET SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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GEARBOX AND PUMPS

**L-2350-2242 PARTS MANUAL
GEARBOX AND PUMPS**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4280241		GEARBOX AND PUMPS		2/24/16
1	R4256514	1	· GEARBOX AND DRIVE ADAPTERS ASSEMBLY (PAGE 2.9-2.9B)		
2	R4261548	1	· AIR COMPRESSOR (PAGE 2.9-2.9D)		
3	R4244637	4	· O-RING, 6-1/2" I.D. - VITON		
4	R4237902	4	· PUMP, PISTON - 260 CM3 R.H.		
	R4237851	4	· · PRESSURE COMPENSATOR CONTROL ELEMENT		
	R4237852	4	· · REGULATOR ASSEMBLY		
	R4237853	4	· · PORT PLATE WITH ACCESSORIES		
	R4237854	4	· · ROTARY GROUP		
	R4237855	4	· · DRIVE SHAFT		
	R4237856	4	· · SENSOR, LOAD		
	R4237857	4	· · SEAL KIT		
	R4267498	4	· · SEAL KIT, COMPENSATOR		
5	R0021542	28	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
6	R0021646	16	· BOLT, 3/4"-10 X 2-1/2"		
7	R4021411	4	· ELBOW, #16 MO X 90 deg. X #12 MJ		
8	R4068358	11	· O-RING, 1-7/8" I.D. - POLYURETHANE		
9	R4222070	1	· TEST BLOCK		
10	R4030061	7	· PLUG, #6 MO		
11	R4001897	4	· CAPSCREW, 5/8"-11 X 3-1/2"		
12	R4186401	12	· FLANGE HALF, 1-1/2"		
13	R4210349	20	· FLATWASHER, 1/2" - HARDENED		
14	R0827222	20	· BOLT, 1/2"-13 X 2"		
15	R4123586	4	· SEAL, QUAD RING - 4-3/8" I.D. - BUNA N		
16	R4238133	4	· FLANGE STRUCTURE, PUMP - 4-1/2" O.D.		
17	R0021541	34	· LOCKWASHER, 5/8"		
18	R4001889	32	· CAPSCREW, 5/8"-11 X 1-1/2"		
19	R4040552	4	· ELBOW, #6 MO X 90 deg. X #4 MJ		
20	R4222931	1	· HUB, DRIVEN		
21	R0263100	1	· KEY, 3/4" X 3/4" X 4-1/8"		
22	R4016006	2	· SETSCREW, 3/4"-10 X 1" - HEX CSK.		
23	R4210380	4	· FLANGE HALF, 1-1/4"		
24	R0021629	20	· BOLT, 5/8"-11 X 1-3/4"		
25	R4210349	12	· FLATWASHER, 1/2" - HARDENED		
26	R4105005	4	· O-RING, 1-1/4" I.D. - POLYURETHANE		
27	R4223105	12	· FLATWASHER, 5/8" I.D. X 1-3/4" O.D. X 1/8" - CONICAL		
28	R4261438	1	· ADAPTER KIT		
	N.P.N.	1	· · ADAPTER, PUMP MOUNT		
	N.P.N.	1	· · ADAPTER SLEEVE		
	N.P.N.	2	· · O-RING		
	N.P.N.	8	· · CAPSCREW		
29	R4273404	2	· PUMP, PISTON		
	R4243768	1	· · COMPENSATOR, PRESSURE		
	R4243795	1	· · DRIVE SHAFT		
	R4243761	1	· · ROTARY GROUP		
	R4231142	1	· · BEARING, FRONT		
	R4231143	1	· · BEARING, REAR		
	R4243796	1	· · BEARING		
	R4243793	1	· · SEAL KIT		
30	R4244772	2	· O-RING, 6" I.D. - VITON		
31	R4238136	3	· FLANGE STRUCTURE, PUMP - 3-1/2" O.D.		
32	R4009524	4	· BOLT, 3/4"-10 X 1-3/4"		
33	R0808221	4	· FLATWASHER, 3/8"		
34	R4068357	4	· O-RING, 1-1/2" I.D. - POLYURETHANE		
35	R4243939	4	· CAPSCREW, 16 MM X 2 X 40		
36	R4002457	3	· ADAPTER, #12 MO X #12 MJ		
37	R4102793	4	· BOLT, 1/2"-13 X 2-1/2"		

**L-2350-2242 PARTS MANUAL
GEARBOX AND PUMPS**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
38	R0810991	4	· FLATWASHER, 1/2" X 1" X 1/8"		
39	R4102791	2	· BAR, ADJUSTING		
40	R0021647	4	· BOLT, 3/4"-10 X 2-3/4"		
41	R4223106	8	· FLATWASHER, 3/4" I.D. X 2" O.D. X 3/16" - CONICAL		
42	R4123584	5	· SEAL, QUAD RING - 3-3/8" I.D. - BUNA N		
43	R4241099	2	· MOUNT STRUCTURE, GEARBOX		
44	R4237905	1	· PUMP, PISTON - 95 CM3 L.H.		
	R4219148	1	· · CONTROL MODULE		
	R4241078	1	· · SEAL KIT		
45	R4237951	1	· TEST BLOCK, #16 SF		
46	R4009640	4	· BOLT, 3/8"-16 X 1-1/2"		
47	R4256491	1	· MANIFOLD, CASE DRAIN		
48	R0753123	4	· LOCKWASHER, 3/8"		
49	R0021644	4	· BOLT, 3/4"-10 X 2"		
50	R4276966	1	· FLANGE STRUCTURE, 3" BEND		
51	R4014580	1	· ADAPTER, #4 MO X #4 MJ		
52	R4219002	1	· PUMP, PISTON - 130 CM3 L.H.		
	R4219148	1	· · CONTROL MODULE		
	R4231140	1	· · ROTARY GROUP		
	R4231141	1	· · SEAL KIT		
	R4231142	1	· · BEARING, FRONT		
	R4231143	1	· · BEARING, REAR		
	R4231144	1	· · BEARING, CRADLE		
	R4244897	1	· · REGULATOR, COMPENSATOR		
53	R4277943	1	· ADAPTER KIT		
	N.P.N.	1	· · ADAPTER, PUMP MOUNT		
	N.P.N.	1	· · ADAPTER SLEEVE		
	N.P.N.	2	· · O-RING		
	N.P.N.	4	· · CAPSCREW		
54	R4165409	12	· CAPSCREW, 5/8"-11 X 1-1/4"		
55	R4177294	3	· BLOCK, SPACER - 1-1/2" SF		
56	R4223018	3	· COUPLING ASSEMBLY, QUICK - MALE X #6 MO		
57	R4273456	1	· PUMP, VANE - 13.8 -B THRU-DRIVE		
	R4231147	1	· · CARTRIDGE KIT, FRONT L.H. 072		
	R4163576	1	· · SEAL KIT WITH SHAFT SEAL		
58	R4257212	2	· O-RING, 4" I.D. - VITON		
59	R4103857	1	· COVER PLATE		
60	R4248576	2	· CAPSCREW, 12 MM X 25 - HEX CSK.		
61	R0272969	3	· PLUG, PIPE - 1/4", HEX CSK.		
62	R4237927	1	· FLANGE STRUCTURE, PUMP - 3" O.D.		
63	R4068830	1	· O-RING, 5" I.D. - VITON		
64	R0021633	2	· BOLT, 5/8"-11 X 2-3/4"		
65	R4035359	1	· TEST BLOCK, 1-1/8"		
66	R4248728	4	· BOLT, 12 MM X 80		
67	R0801173	4	· BOLT, 3/8"-16 X 3-1/4"		
68	R4210347	4	· FLATWASHER, 3/8" - HARDENED		
69	R4186491	2	· FLANGE HALF, 1"		
70	R4011832	1	· TEST BLOCK, 1"		
71	R4261677	1	· PLUG, #6 MO		
72	R4241246	1	· ELBOW, #8 MO X 90 deg. X #12 MJ - ADJ.		
73	R4002460	3	· ADAPTER, #20 MO X #20 MJ		
74	R4241873	2	· LOCKWASHER, 10 MM		
75	R4103848	2	· BOLT, 10 MM X 1.50 X 25		
76	R4241140	1	· PUMP ASSEMBLY, VANE - 2.17 CU IN, L.H.		
	R4162358	1	· · SEAL KIT		
77	R4244771	1	· O-RING, 3-1/4" I.D. - VITON		
78	R4256463	1	· PUMP, PISTON - 45 CM3 L.H.		
	R4261606	1	· · SEAL KIT		

**L-2350-2242 PARTS MANUAL
GEARBOX AND PUMPS**

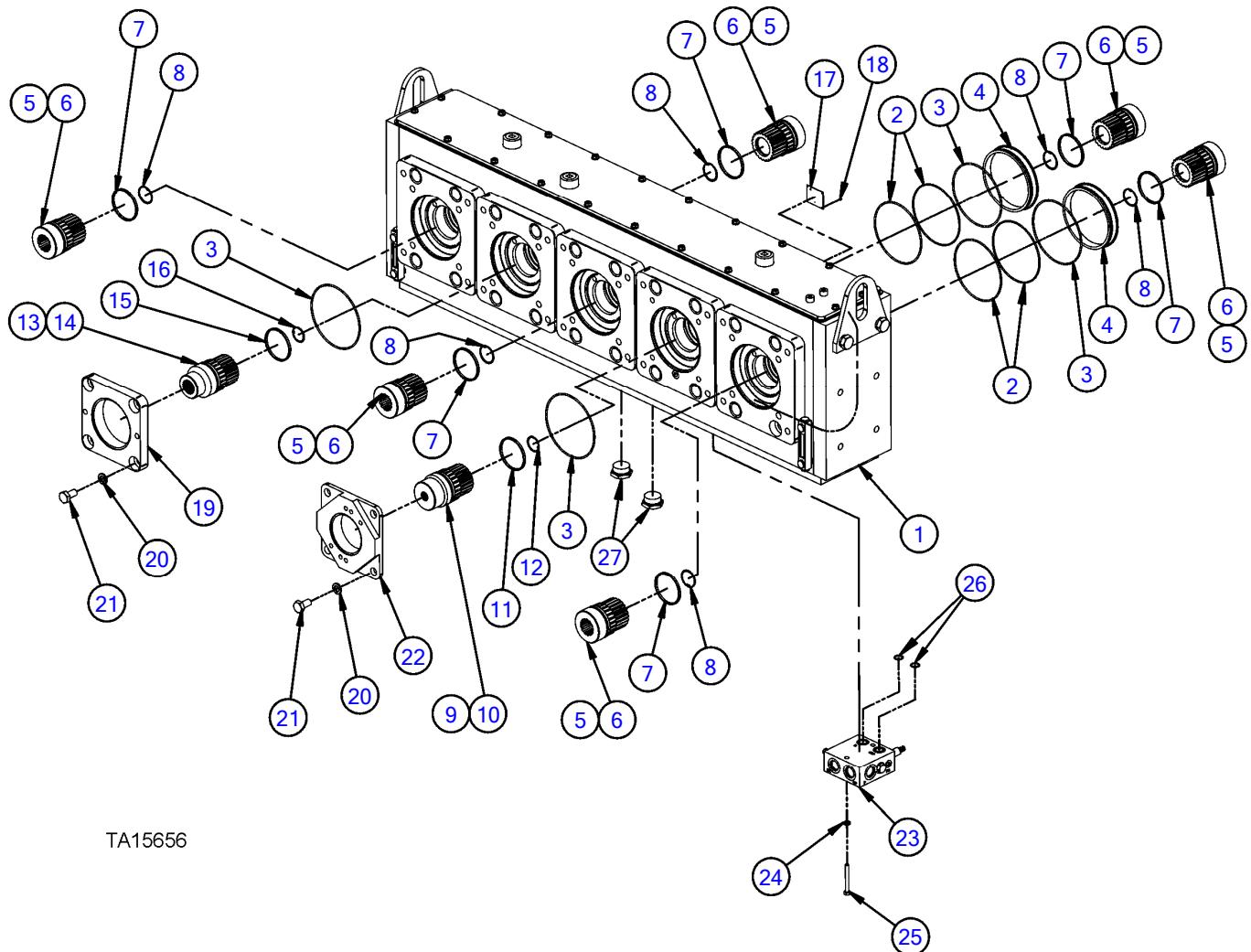
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4261607	1	· · COUPLING, SPLINED		
	R4261603	1	· · DRIVE SHAFT		
	R4261604	1	· · COMPENSATOR		
	R4261605	1	· · SEALS, COMPENSATOR		
79	R4261625	1	· TEE, #6 MO X #6 FO X #6 FO		
80	R4223016	1	· COUPLING ASSEMBLY, QUICK - MALE X 1/4" MP		
81	R4016785	1	· ADAPTER, 1/4" MP X #4 MJ		
82	R4002476	1	· ELBOW, #20 MO X 90 deg. X #20 MJ		
83	R4139699	1	· ELBOW, #4 FJ X 90 deg. X #4 MJ - SWIVEL		
84	R0801181	6	· LOCKWASHER, 1/2"		
85	R4009753	2	· BOLT, 1/2"-13 X 1-1/2"		
86	R4177334	1	· BLOCK, SPACER - 1-1/4" S.F.		
87	R4001868	4	· CAPSCREW, 1/2"-13 X 1"		
88	R4222102	2	· FLANGE HALF, 1"		
89	R4210348	8	· FLATWASHER, 7/16" - HARDENED		
90	R4213684	4	· BOLT, 7/16"-14 X 2-3/4"		
91	R4186400	2	· FLANGE HALF, 1-1/4"		
92	R4213614	4	· BOLT, 7/16"-14 X 1-3/4"		
93	R4020770	1	· PLUG, #4 MO		
94	R4211004	4	· SPACER, 13/16" I.D. X 1-1/2" O.D. X 2"		2/24/16
95	R0735509	8	· FLATWASHER, 3/4" I.D. X 2" X 1/8"		2/24/16
96	R4223106	4	· FLATWASHER, 3/4" I.D. X 2" O.D. X 3/16" - CONICAL		2/24/16
97	R4267536	4	· BOLT, 3/4"-10 X 4-1/4"		2/24/16
		REF	DRAWING, GEARBOX AND PUMPS (R428024100)		

**L-2350-2242 PARTS MANUAL
GEARBOX AND PUMPS**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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GEARBOX AND DRIVE ADAPTERS ASSEMBLY



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GEARBOX AND DRIVE ADAPTERS ASSEMBLY

L-2350-2242 PARTS MANUAL
GEARBOX AND DRIVE ADAPTERS ASSEMBLY

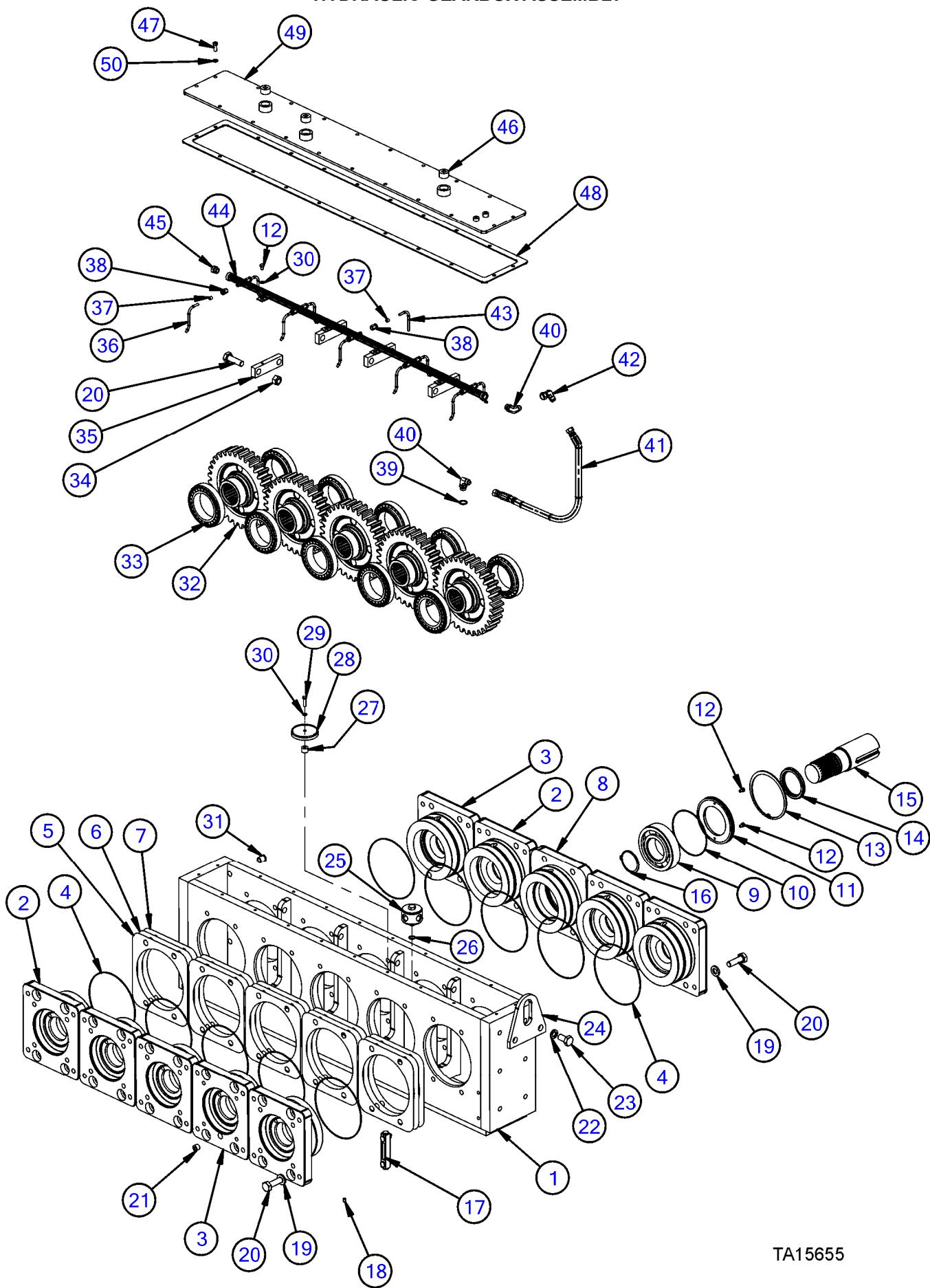
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4256514		GEARBOX AND DRIVE ADAPTERS ASSEMBLY (-1)		5/5/17
1	R4236589	1	· GEARBOX ASSEMBLY (PAGE 2.9-2.9C)		
2	R4261666	4	· O-RING, 6-1/4" I.D. - VITON		
3	R4244637	4	· O-RING, 6-1/2" I.D. - VITON		
4	R4219855	2	· ADAPTER SLEEVE		
5	R4237600	6	· ADAPTER SLEEVE		
6	R4234386	6	· · ADAPTER SLEEVE		
7	R4237595	6	· · RING, PISTON		
8	R4237596	6	· · RETAINING RING, SPIRAL		
9	R4241424	1	· ADAPTER SLEEVE		
10	R4241383	1	· · ADAPTER SLEEVE		
11	R4237595	1	· · RING, PISTON		
12	R4237602	1	· · RETAINING RING, SPIRAL		
13	R4250056	1	· ADAPTER, DRIVE		
14	R4250057	1	· · ADAPTER, DRIVE		
15	R4237595	1	· · RING, PISTON		
16	R4237602	1	· · RETAINING RING, SPIRAL		
17	R4233247	1	· DATA PLATE, GEARBOX		
18	R0181073	4	· SCREW, DRIVE - #6-32 X 3/16"		
19	R4219850	1	· ADAPTER PLATE, PUMP		
20	R0021541	8	· LOCKWASHER, 5/8"		
21	R0027595	8	· BOLT, 5/8"-11 X 1-1/4"		
22	R4261254	1	· ADAPTER MOUNT, PUMP		
23	R4274813	1	· VALVE ASSEMBLY, GEARBOX CONTROL - WITH FITTINGS		
	R4256410	1	· · VALVE ASSEMBLY, GEARBOX CONTROL (PAGE 8.29-8.29A)		
24	R0753123	2	· LOCKWASHER, 3/8"		
25	R4009645	2	· BOLT, 3/8"-16 X 3"		
26	R4002283	2	· O-RING, 15/16" I.D. - BUNA N		5/5/17
27	R4077099	2	· PLUG, #20 MO		
		REF	DRAWING, GEARBOX AND DRIVE ADAPTERS ASSEMBLY (R425651404)		

**L-2350-2242 PARTS MANUAL
GEARBOX AND DRIVE ADAPTERS ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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HYDRAULIC GEARBOX ASSEMBLY



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HYDRAULIC GEARBOX ASSEMBLY

L-2350-2242 PARTS MANUAL
HYDRAULIC GEARBOX ASSEMBLY

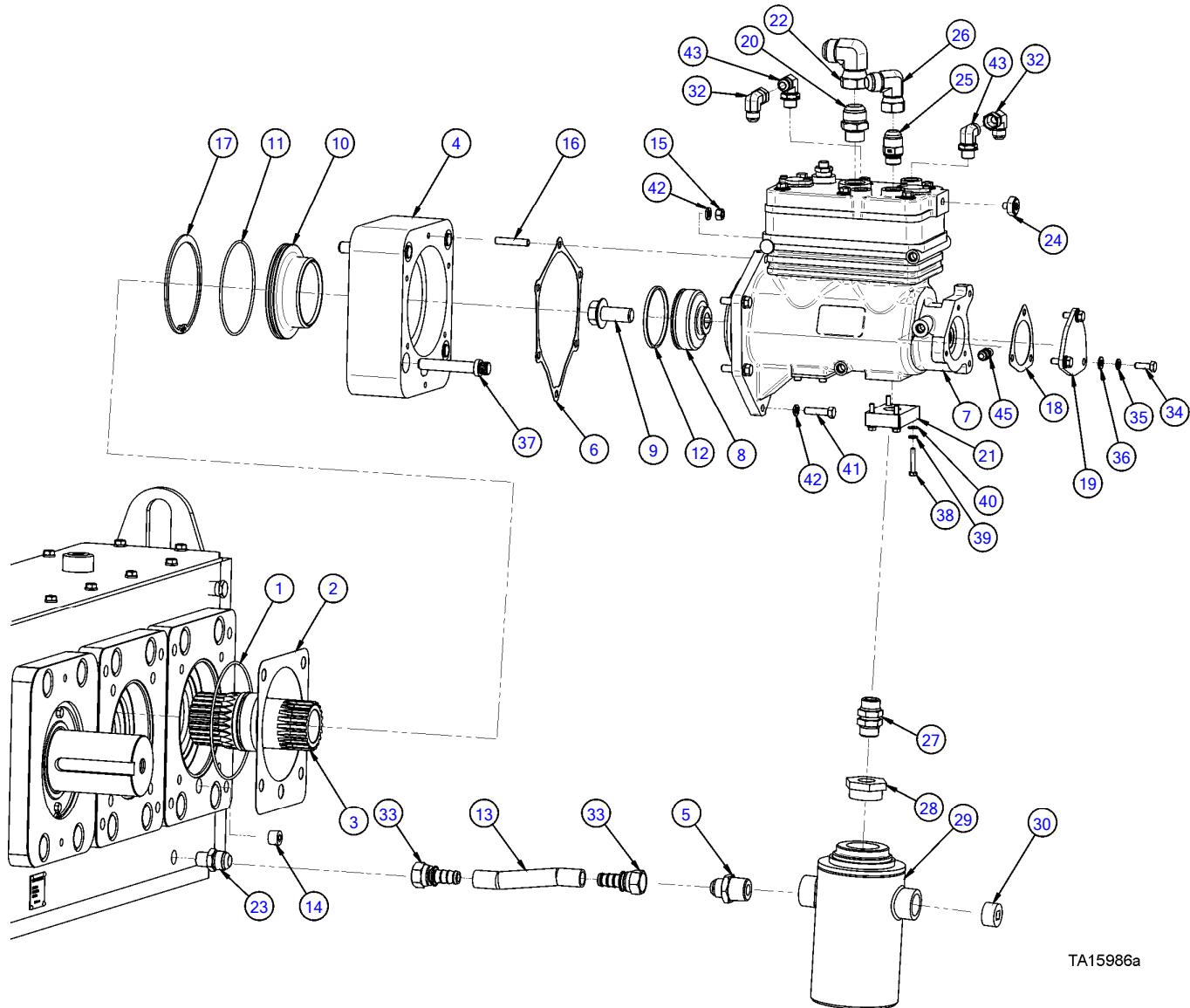
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4236589		HYDRAULIC GEARBOX ASSEMBLY (-3)		
1	R4236591	1	· HOUSING STRUCTURE, GEARBOX		
2	R4236586	7	· HOUSING, BEARING - OUTPUT		
3	R4253536	2	· HOUSING, BEARING - OUTPUT		
4	R4237597	10	· O-RING, 8-1/2" I.D. - VITON		
5	R4236583	AR	· SHIM, .020		
6	R4236581	AR	· SHIM, .003		
7	R4236582	AR	· SHIM, .010		
8	R4236585	1	· HOUSING, BEARING - INPUT		
9	R4177292	1	· BEARING, BALL		
10	R4261666	1	· O-RING, 6-1/4" I.D. - VITON		
11	R4215395	1	· PLATE, SEAL - INPUT SHAFT		
12	R0812252	6	· BOLT, 5/16"-18 X 1/2"		
13	R4177299	1	· RING, RETAINING - INTERNAL		
14	R4177295	1	· SEAL, OIL - 3-1/2" I.D.		
15	R4219848	1	· SHAFT, INPUT		
16	R4177298	1	· RING, RETAINING - EXTERNAL		
17	R4130648	2	· GAUGE, LIQUID LEVEL		
18	R0186425	2	· SETSCREW, 5/16"-18 X 1/2"		
19	R4148687	40	· FLATWASHER, 3/4" X 1-1/2" X 3/16"		
20	R0021646	48	· BOLT, 3/4"-10 X 2-1/2"		
21	R0184288	1	· PLUG, PIPE - 1/2", HEX CSK.		
22	R0021542	4	· LOCKWASHER, 3/4"		
23	R4009523	4	· BOLT, 3/4"-10 X 1-1/2"		
24	R4103072	2	· PLATE, LIFTING EYE		
25	R4161004	1	· DIFFUSER		
26	R4002282	1	· O-RING, 3/4" I.D. - BUNA N		
27	R4005904	2	· BLOCK, BOLT - 3/8"-16 X 5/8"		
28	R4103883	2	· CUP ASSEMBLY, MAGNETIC		
29	R0824753	2	· BOLT, 5/16"-18 X 1-1/4"		
30	R0264174	6	· LOCKWASHER, 5/16"		
31	R4223338	2	· PLUG, PIPE - 1/2", HEX HD.		
32	R4236588	5	· GEAR, HPD		
33	R4177291	10	· BEARING, ROLLER - TAPERED		
34	R4090295	8	· LOCKNUT, 3/4"-16		
35	R4219851	4	· BRACE BAR		
36	R4237592	9	· TUBE, 1/4" O.D. X 4"		
37	R4102209	10	· FERRULE, TUBE - 1/4"		
38	R4102207	10	· NUT, FERRULE - 1/4"		
39	R4161011	1	· WASHER, 7/8" I.D. X 1-1/8" O.D.		
40	R4002471	2	· ELBOW, #8 MO X 90 deg. X #8 MJ - ADJ.		
41	R4082859	1	· HOSE ASSEMBLY, #8 X 26"		
42	R4002479	1	· ELBOW, #8 FJ X 90 deg. X #8 MJ		
43	R4219858	1	· TUBE, 1/4" O.D.		
44	R4219857	1	· TUBE STRUCTURE, MANIFOLD		
45	R4020769	1	· PLUG, #8 MO		
46	R4013958	3	· PLUG, PIPE - 1" SQ. CSK. MAG.		
47	R0810971	20	· BOLT, 3/8"-16 X 1"		
48	R4182926	1	· GASKET, COVER		
49	R4254480	1	· COVER PLATE		
50	R0753123	20	· LOCKWASHER, 3/8"		
	R4103739	REF	· SEALANT, HYDRAULIC - LOCTITE #569-31		
	R0459295	REF	· PRIMER, LOCTITE		
		REF	DRAWING, GEARBOX ASSEMBLY (R423658913)		

**L-2350-2242 PARTS MANUAL
HYDRAULIC GEARBOX ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AIR COMPRESSOR



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AIR COMPRESSOR

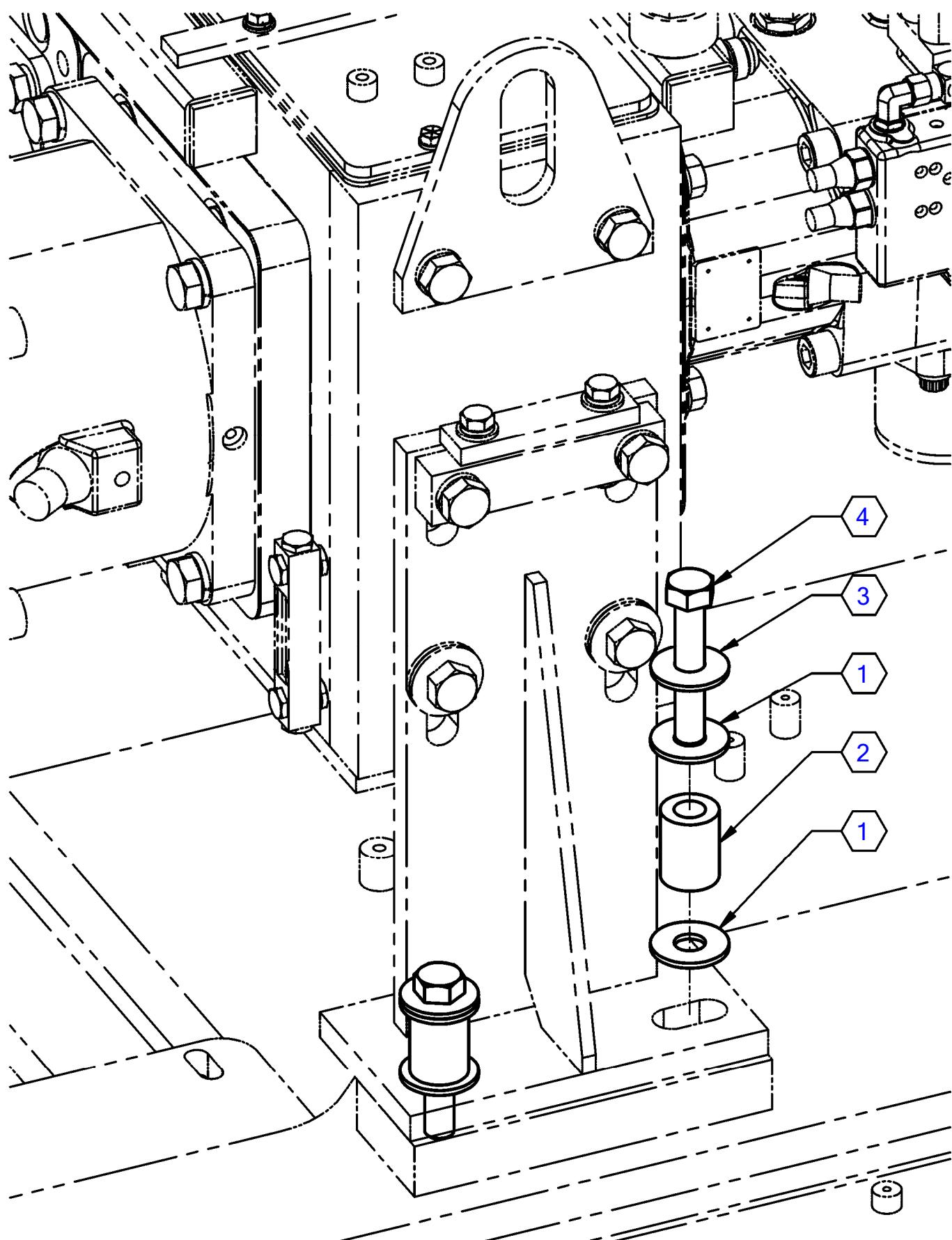
**L-2350-2242 PARTS MANUAL
AIR COMPRESSOR**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4261548		AIR COMPRESSOR		
1	R4244637	1	· O-RING, 6-1/2" I.D. - VITON		
2	R4253534	1	· GASKET, COMPRESSOR ADAPTER		
3	R4239181	1	· ADAPTER SLEEVE ASSEMBLY		
	R4239182	1	· · ADAPTER SLEEVE		
	R4237595	1	· · RING, PISTON		
	R4237602	1	· · RING, RETAINING - SPIRAL		
4	R4261526	1	· MOUNT ADAPTER, COMPRESSOR		
5	R4040561	1	· ADAPTER, HYDRAULIC FITTING - 1" MP X #12 MJ		
6	R4261527	1	· GASKET, AIR COMPRESSOR		
7	R4261543	1	· COMPRESSOR, AIR - 922, 31.6 CFM		
	R4270858	1	· · VALVE, SAFETY - 250 PSI, 16 MM X 1.5		1/29/13
8	R4261525	1	· HUB, DRIVE - AIR COMPRESSOR		
9	R4280312	1	· BOLT, 20 MM X 2.5 X 45		3/25/15
10	R4241145	1	· ADAPTER, SEAL		
11	R4068830	1	· O-RING, 5" I.D. - VITON		
12	R4241142	1	· RING, PISTON		
13	R4186444	1	· HOSE, 3/4" I.D.		
14	R0184288	1	· PLUG, PIPE - 1/2", HEX CSK.		
15	R0812921	1	· NUT, 3/8"-16		
16	R4250533	1	· STUD, 3/8"-16 X 2"		
17	R4006444	1	· RING, RETAINING - INTERNAL		
18	R4261544	1	· GASKET, COVER - AIR COMPRESSOR		
19	R4261545	1	· COVER, AIR COMPRESSOR		
20	R4255252	1	· ADAPTER, HYDRAULIC FITTING - 27 MMO X #16 MJ		
21	R4261554	1	· COVER, CRANKCASE DRAIN		
	R4280311	1	· · SEAL KIT		
N.P.N.	2		· · · GASKET		
N.P.N.	1		· · · O-RING (NOT USED)		
N.P.N.	1		· · · GASKET (NOT USED)		
22	R4002483	1	· ELBOW, #16 FJ X 90 deg. X #16 MJ - SWIVEL		
23	R4015753	1	· ADAPTER, HYDRAULIC FITTING - 1/2" MP X #12 MJ		
24	R4244790	1	· VALVE ASSEMBLY, CHECK - EXHAUST		
25	R4243562	1	· ADAPTER, HYDRAULIC FITTING - 22 MMO X #12 MJ		
26	R4002481	1	· ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
27	R4267478	1	· ADAPTER, HYDRAULIC FITTING - #12 MO X #12 MO		
28	R4243516	1	· REDUCER, HYDRAULIC FITTING - #12 FO X #24 MO		
29	R4254486	1	· FILTER ASSEMBLY, SUCTION		
	R4271055	1	· · FILTER, WASHABLE - 30 MESH		
	R4243926	1	· · O-RING, 3-1/4" I.D. - POLYURETHANE		
	R4254487	1	· · HOUSING STRUCTURE, FILTER		
30	R4013958	1	· PLUG, PIPE - 1" SQ. CSK. MAG.		
31	N.P.N.		· NOT USED		5/18/17
32	R4002479	2	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		
33	R4186449	2	· ADAPTER, HYDRAULIC FITTING - #12 FJ X #12 HOSE		
34	R4267484	3	· BOLT, 8 MM X 12 MM		
35	R0264174	3	· LOCKWASHER, 5/16"		
36	R0753118	3	· FLATWASHER, 5/16"		
37	R4001897	4	· CAPSCREW, 5/8"-11 X 3-1/2"		
38	R4257970	4	· BOLT, 6 MM X 1.0 X 35 MM 10.9		
39	R0213584	4	· LOCKWASHER, 1/4"		
40	R0239224	4	· FLATWASHER, #12 - SPECIAL		
41	R4009640	5	· BOLT, 3/8"-16 X 1-1/2"		
42	R0753123	6	· LOCKWASHER, 3/8"		
43	R4264809	2	· ELBOW, 18 MMO X 90 deg. X #8 MJ		
44	N.P.N.		· NOT USED		5/18/17
45	R4290372		· ADAPTER, HYDRAULIC FITTING - 12 MM X #6 MJ WITH BONDED WASHER		5/18/17

**L-2350-2242 PARTS MANUAL
AIR COMPRESSOR**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4290373		· · WASHER, BONDED SEAL		5/18/17
			NOTE:		
	R4247807	REF	· WRENCH, AIR COMPRESSOR HUB		
		REF	DRAWING, AIR COMPRESSOR (R426154804)		5/18/17

HYDRAULIC GEARBOX MOUNT GROUP



4288375

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HYDRAULIC GEARBOX MOUNT GROUP

L-2350-2242 PARTS MANUAL
HYDRAULIC GEARBOX MOUNT GROUP

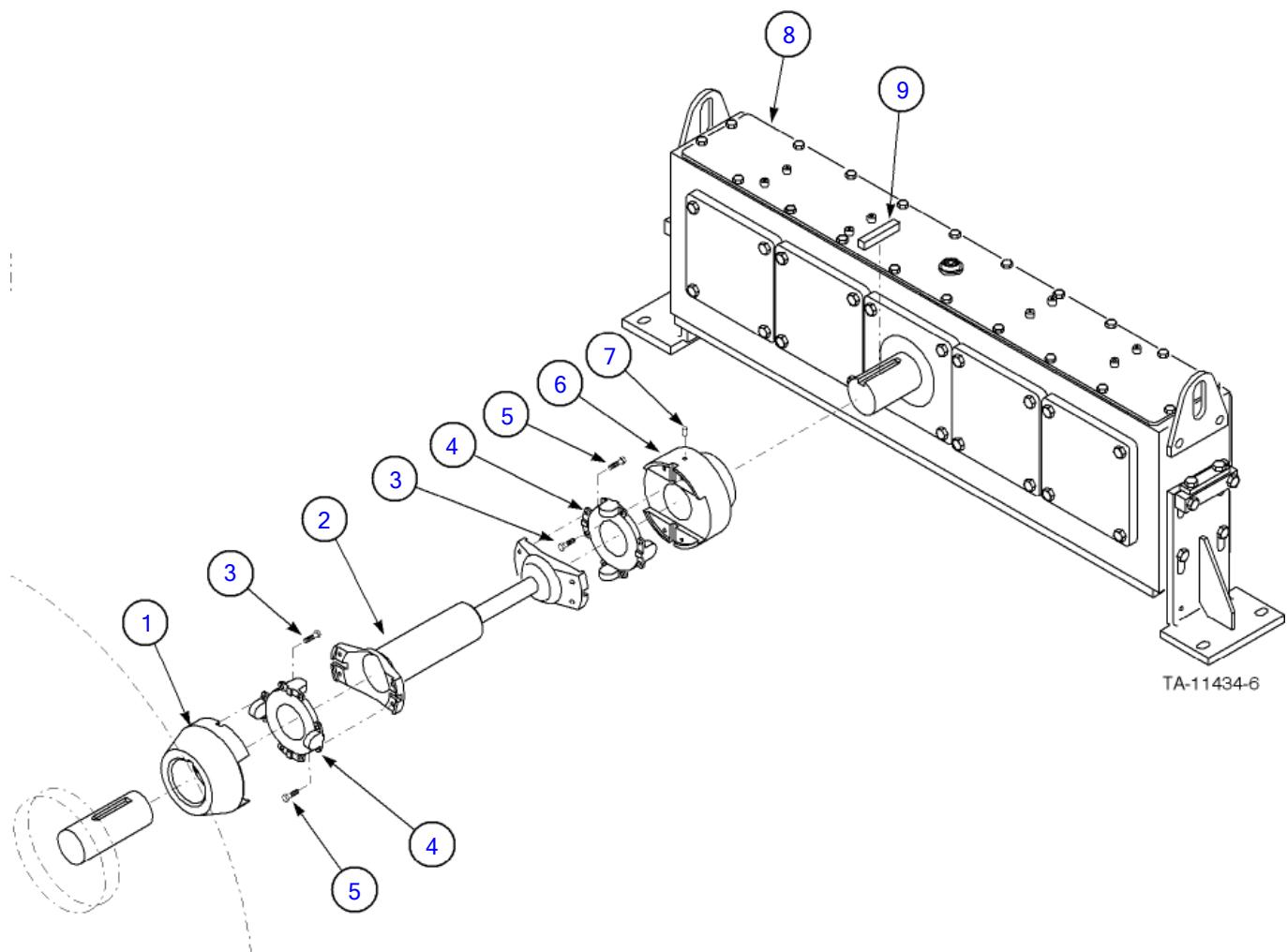
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4288375		HYDRAULIC GEARBOX MOUNT GROUP		
1	R0735509	8	• FLATWASHER, 3/4" I.D. X 2" X 1/8"		
2	R4211004	4	• SPACER, 13/16" I.D. X 1-1/2" O.D. X 2"		
3	R4223106	4	• FLATWASHER, 3/4" I.D. X 2" O.D. X 3/16" - CONICAL		
4	R4267536	4	• BOLT, 3/4"-10 X 4-1/4"		
			DRAWING, GEARBOX AND PUMPS (R428837500)		

**L-2350-2242 PARTS MANUAL
HYDRAULIC GEARBOX MOUNT GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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DRIVE COMPONENTS - POWER UNIT



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DRIVE COMPONENTS - POWER UNIT

**L-2350-2242 PARTS MANUAL
DRIVE COMPONENTS - POWER UNIT**

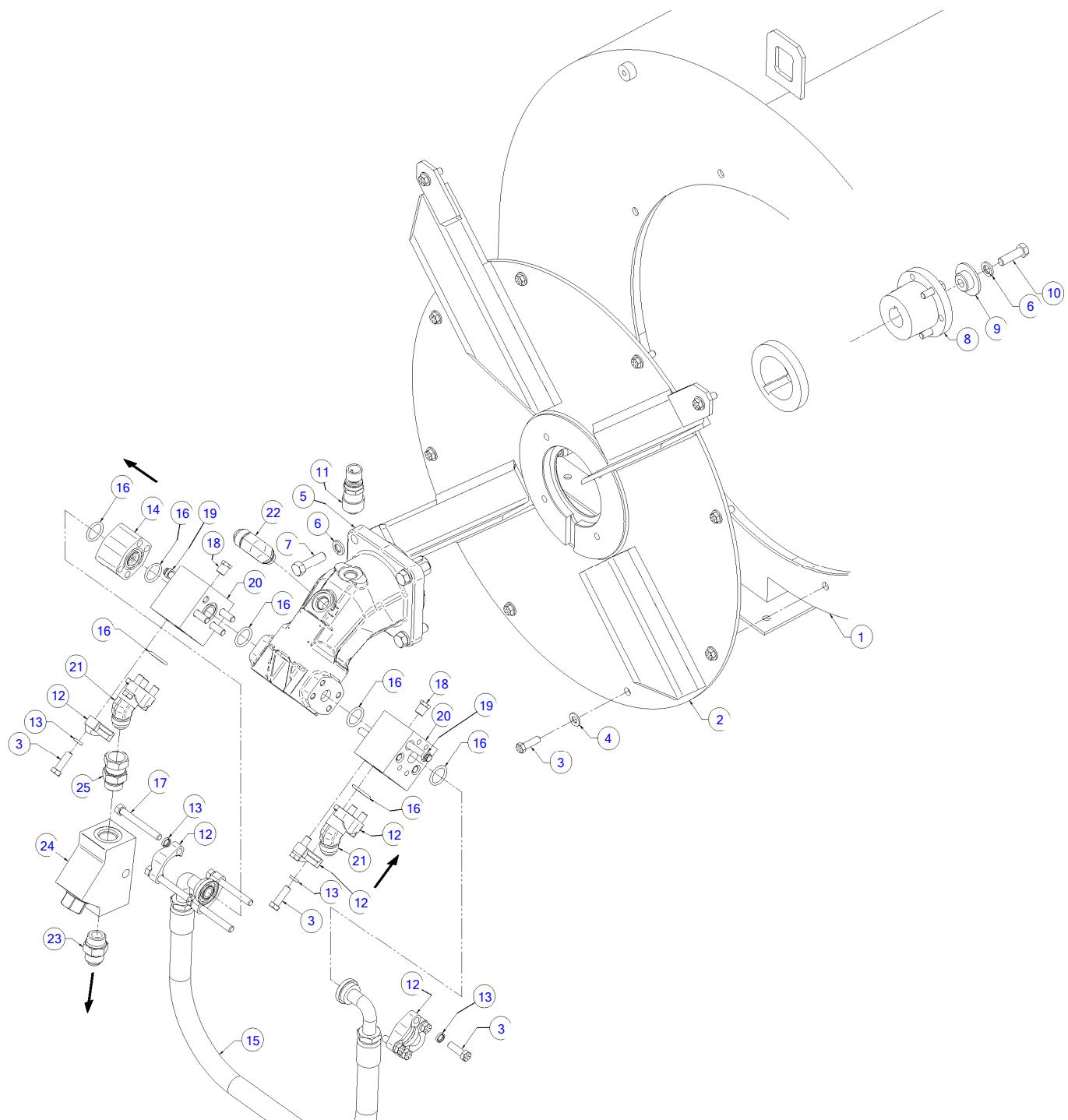
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
			DRIVE COMPONENTS - POWER UNIT (PL-644)		11/16/15
1	N.P.N.	REF	HUB, DRIVE - WITH KEYWAY, INSULATED (PAGE 3.1)		
	R4260649	1	DRIVE SHAFT ASSEMBLY		
2	R4248832	1	· DRIVE SHAFT - 51" EXTENDED		11/16/15
	R4276719	1	· · PAINT, SAFETY ORANGE		
3	R4010411	8	· BOLT, 1/2"-20 X 2-1/2"		
4	R4223068	2	· SPIDER AND BEARING ASSEMBLY		
5	R4010411	8	· BOLT, 1/2"-20 X 2-1/2"		5/13/13
6	R4222931	1	HUB, DRIVEN		
7	R4016006	2	SETSCREW, 3/4"-10 X 1" - HEX CSK.		
8	N.P.N.	1	GEARBOX (PAGE 2.9-2.9A)		
9	R0263100	1	KEY, 3/4" X 3/4" X 4-1/8"		

**L-2350-2242 PARTS MANUAL
DRIVE COMPONENTS - POWER UNIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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BLOWER ASSEMBLY



BLOWER ASSEMBLY

**L-2350-2242 PARTS MANUAL
BLOWER ASSEMBLY**

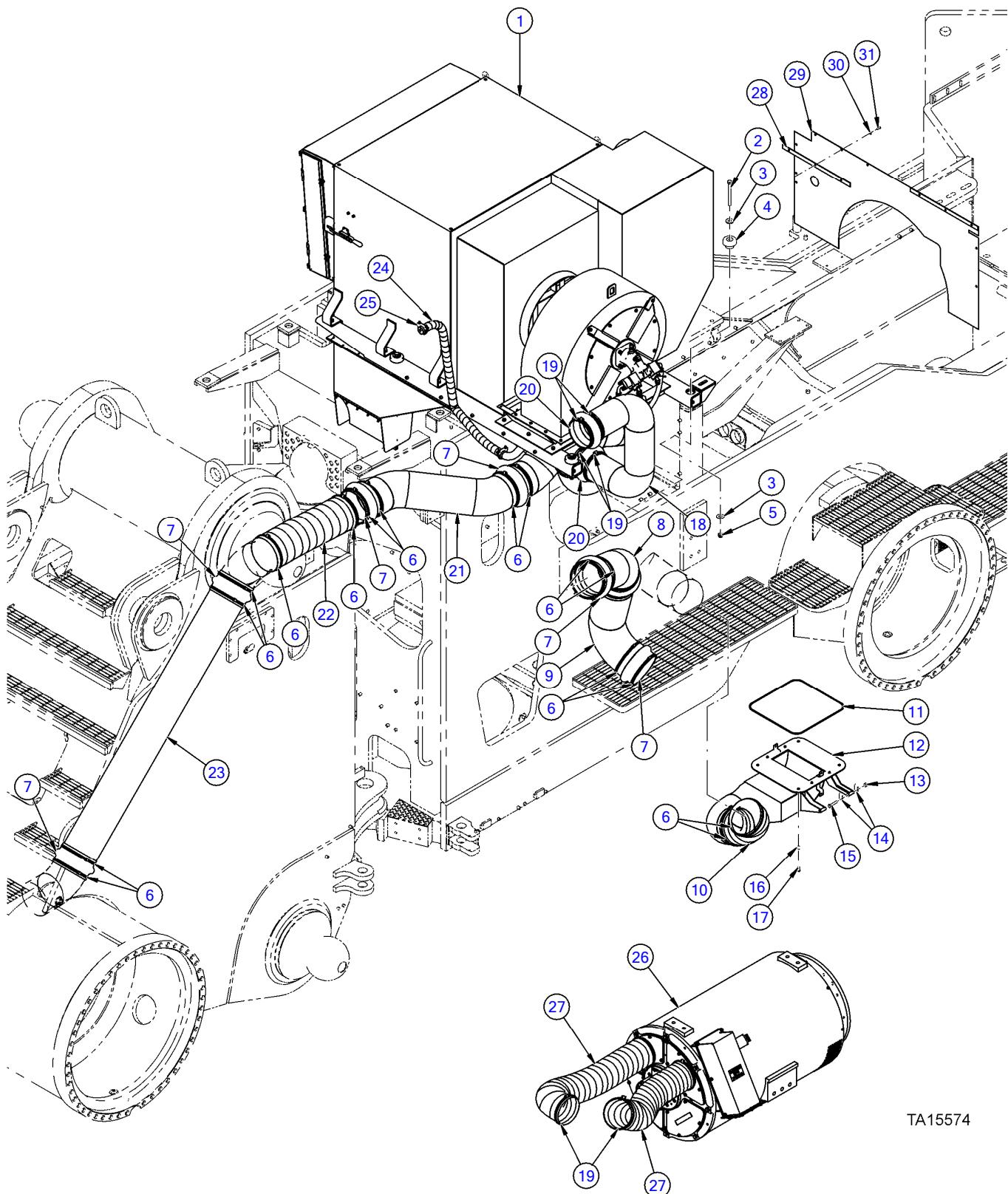
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4271043		BLOWER ASSEMBLY		4/8/16
1	R4239476	1	· BLOWER STRUCTURE		4/15/11
	R4236835	1	· · WHEEL, BLOWER		
	R4239477	1	· · HOUSING, BLOWER		
	R4236836	1	· · INLET STRUCTURE, BLOWER		
2	R4267966	1	· MOUNT STRUCTURE, BLOWER MOTOR		
3	R0808476	23	· BOLT, 3/8"-16 X 1-1/4"		4/15/11
4	R0808221	11	· FLATWASHER, 3/8"		
5	R4267539	1	· MOTOR, PISTON - 45CC		4/8/16
	R4283125	1	· · SEAL KIT		8/7/15
6	R0801181	5	· LOCKWASHER, 1/2"		
7	R0824790	4	· BOLT, 1/2"-13 X 1-3/4"		
8	R4267980	1	· BUSHING, SPLIT TAPER - 30 MM		
9	R4271041	1	· WASHER, RETAINER		
10	R4240796	1	· BOLT, 12 MM X 1.75 X 40 MM		
11	R4267540	1	· SENSOR ASSEMBLY, SPEED		4/15/11
12	R4002219	8	· FLANGE HALF, 3/4"		4/15/11
13	R4210347	16	· FLATWASHER, 3/8" - HARDENED		4/15/11
14	R4271110	1	· VALVE ASSEMBLY, CHECK - 3/4", SF		4/15/11
	R4273351	1	· · VALVE, CHECK - 3/4", SF		2/25/12
	R4273347	1	· · O-RING, 1-5/16" I.D. - POLYURETHANE		2/25/12
	R4105004	1	· · O-RING, 1" I.D. - POLYURETHANE		2/25/12
15	R4267489	1	· HOSE ASSEMBLY, #12 X 33"		4/15/11
16	R4105004	7	· O-RING, 1" I.D. - POLYURETHANE		4/15/11
17	R0801173	4	· BOLT, 3/8"-16 X 3-1/4"		8/30/12
18	R4013779	2	· PLUG, PIPE - 1/4", HEX HD.		4/15/11
19	R4001842	8	· CAPSCREW, 3/8"-16 X 3"		4/15/11
20	R4271040	2	· BLOCK, MANIFOLD - MOTOR OUTLET		4/15/11
21	R4271108	2	· ELBOW, #12 SF X 45 deg. X #12 MJ		4/15/11
22	R4241246	1	· ELBOW, #8 MO X 90 deg. X #12 MJ - ADJ.		4/15/11
23	R4002457	1	· ADAPTER, #12 MO X #12 MJ		4/15/11
24	R4244896	1	· VALVE, CHECK - #12, 100 PSI		4/15/11
25	R4256406	1	· ADAPTER, #12 MO X #12 FJ		4/15/11
26	R4030823	1	· SEALANT/ADHESIVE, SILICONE - 10.7 OZ., CLEAR		6/8/11
		REF	DRAWING, BLOWER ASSEMBLY (R427104312)		8/7/15

**L-2350-2242 PARTS MANUAL
BLOWER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AIR COOLING SYSTEM



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AIR COOLING SYSTEM

**L-2350-2242 PARTS MANUAL
AIR COOLING SYSTEM**

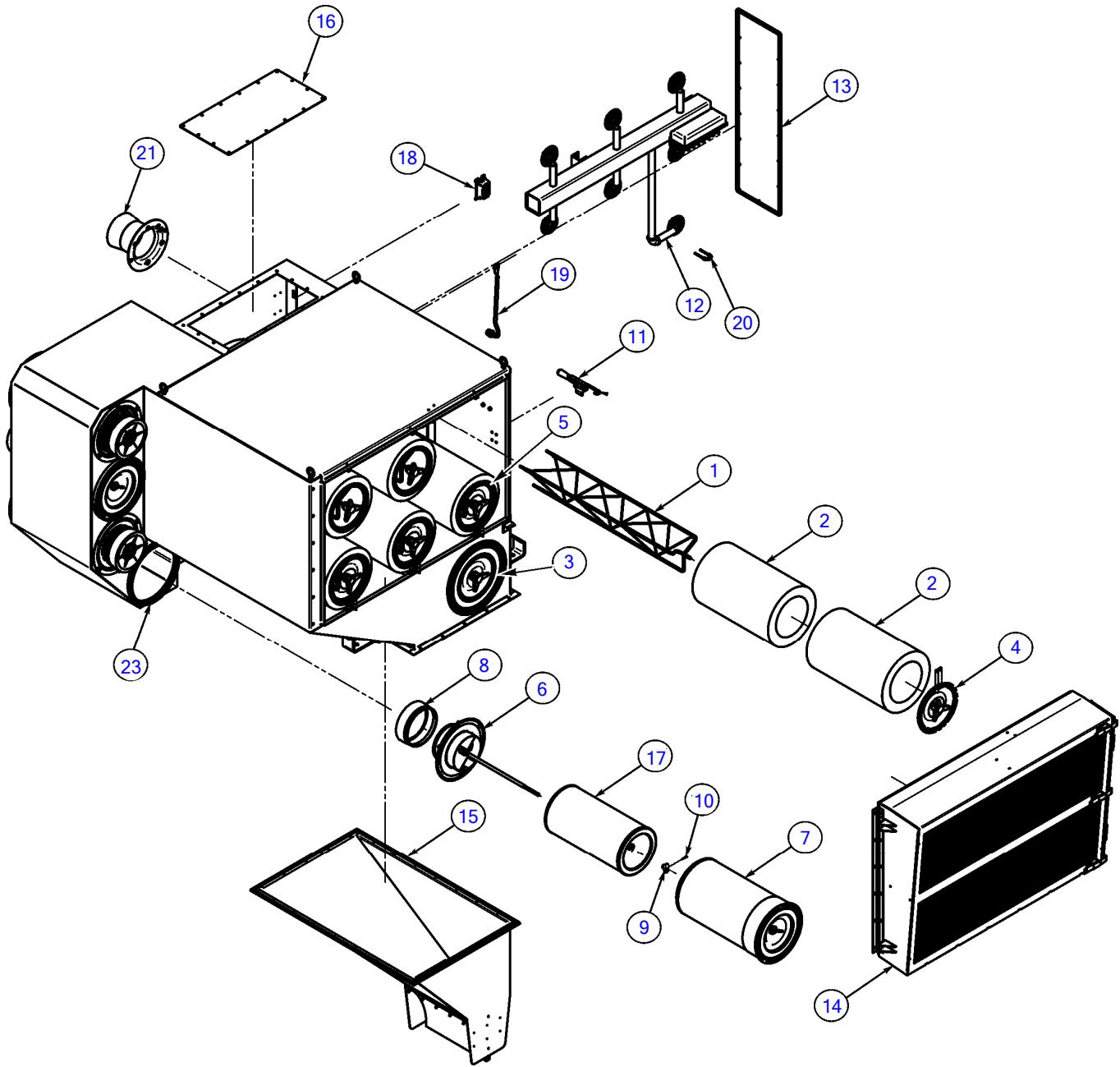
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4278814		AIR COOLING SYSTEM		
1	R4278808	1	· BLOWER AND AIR CLEANER ASSEMBLY		
2	R4172139	4	· BOLT, 3/4"-10 X 7-1/2"		
3	R0711601	8	· FLATWASHER, 3/4" I.D. X 2-1/8" O.D. X 1/4"		
4	R4082921	4	· MOUNT, RUBBER - 2400 LBS LOAD RATING		
5	R4016018	4	· LOCKNUT, 3/4"-10 - NYLON		
6	R4100446	18	· CLAMP, HOSE - WORM, 9-3/8"		
7	R4081294	4	· HOSE, HUMP - 10" I.D. X 6"		
	R4215137	1	· HOSE, HUMP - 10" I.D. X 8" I.D. X 6"		
8	N.P.N.		· NOT USED		
9	R4277030	1	· TUBE STRUCTURE, 8" - LOWER		
10	R4239032	1	· HOSE, FLEX - 10" I.D. X 20"		
11	N.P.N.		· NOT USED		
12	N.P.N.		· NOT USED		
13	N.P.N.		· NOT USED		
14	N.P.N.		· NOT USED		
15	N.P.N.		· NOT USED		
16	N.P.N.		· NOT USED		
17	N.P.N.		· NOT USED		
18	R4272365	1	· TUBE STRUCTURE, 8"		
19	R0857001	8	· CLAMP, HOSE - WORM, 8"		
20	R4015052	1	· HOSE, HUMP - 8" I.D. X 5"		
21	R4272342	1	· TUBE STRUCTURE, 10"		
22	R4170788	1	· HOSE, FLEX - 10" I.D. X 35"		
23	R4247559	1	· TUBE, 10" O.D. X 86"		
24	R4170504	1	· TUBE, FLEX - 2" I.D. X 95", METAL		
25	R4016000	4	· CLAMP, U-BOLT - 2-1/4"		
	R0456631	25	· RUBBER SPONGE SEAL, 1/4" X 3/4"		
26	N.P.N.	REF	· GENERATOR ASSEMBLY		
27	R4261292	2	· HOSE, FLEX - 8" I.D. X 35"		
28	R4170893	2	· SUPPORT STRUCTURE, FIRE CURTAIN		
29	R4231010	1	· BARRIER, FLUID/FIRE CURTAIN		
30	R0808221	11	· FLATWASHER, 3/8"		
31	R0810971	11	· BOLT, 3/8"-16 X 1"		

**L-2350-2242 PARTS MANUAL
AIR COOLING SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AIR CLEANER SYSTEM



AIR CLEANER SYSTEM

**L-2350-2242 PARTS MANUAL
AIR CLEANER SYSTEM**

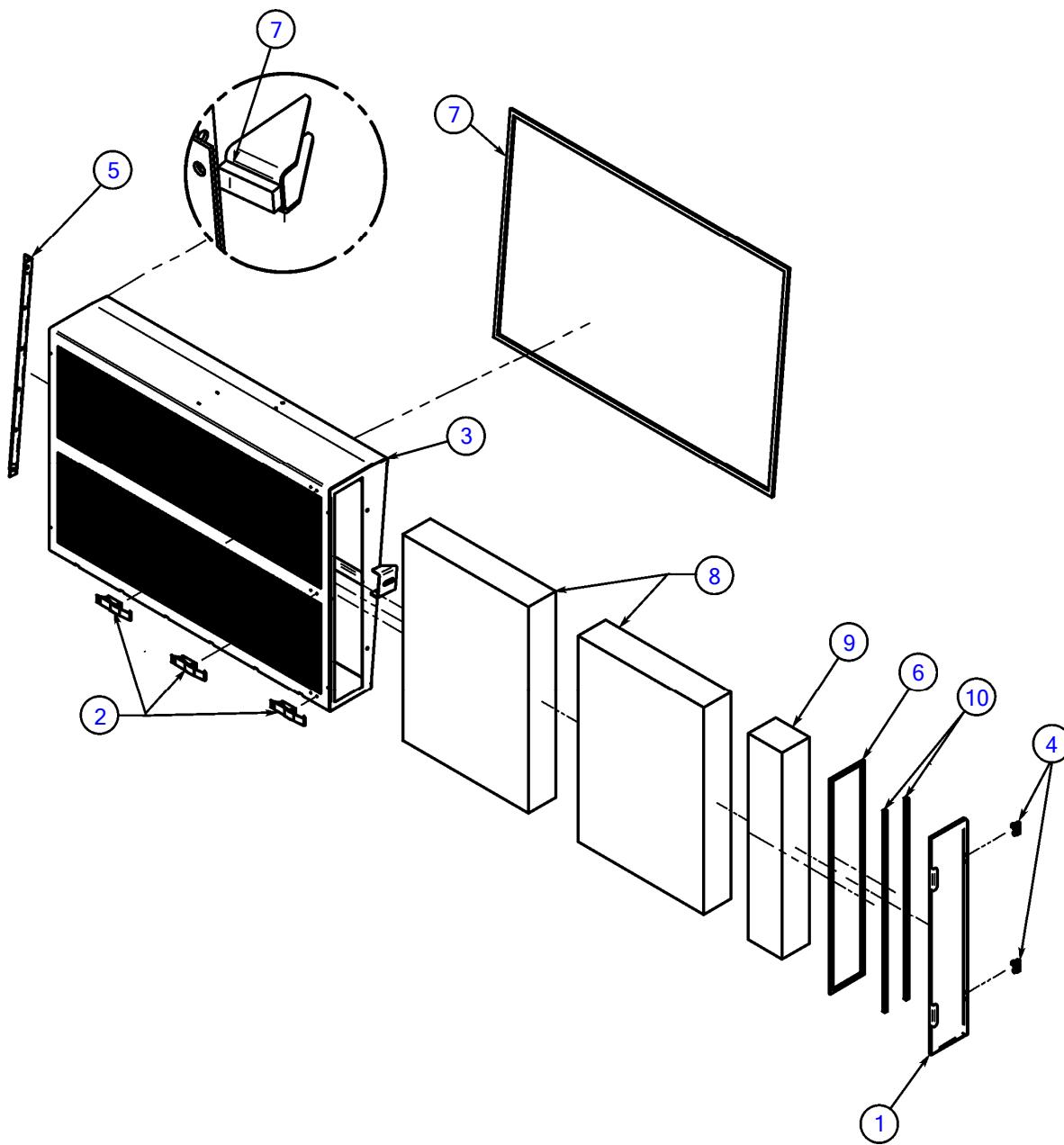
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4263017		AIR CLEANER SYSTEM (-1)		12/8/17
1	R4234049	7	· YOKE, FILTER MOUNT		
2	R4219820	14	· ELEMENT, FILTER		
	R4234070	1	· · GASKET, INSIDE - COVER, 3/8" X 1/2" X 10-1/8" I.D.		
3	R4234060	3	· COVER ASSEMBLY WITH KNOB		
	R4234069	3	· · COVER, METAL		
	R4234068	4	· · GASKET, OUTSIDE EDGE - COVER		
	R4234070	4	· · GASKET, INSIDE - COVER, 3/8" X 1/2" X 10-1/8" I.D.		
	R4223086	4	· · KNOB, 3 LOBE		
	R4234067	4	· · WASHER GASKET, KNOB		
	R4234071	4	· · CLIP, RETAINER - KNOB		
4	R4234062	1	· COVER ASSEMBLY, FILTER - UPPER		
5	R4234063	1	· COVER ASSEMBLY, FILTER - LOWER		
6	R4233234	4	· FLANGE ASSEMBLY, 8"		
	R4164372	4	· ADAPTER, SAFETY		
	R4249022	4	· GASKET, FLANGE ASSEMBLY		7/20/10
7	R4257047	1	· ELEMENT, SAFETY - OUTER, WITH WING NUT		
8	R4240913	1	· CAP, RUBBER - AIR INTAKE, 8"		
9	R4233235	1	· NUT ASSEMBLY, SAFETY ELEMENT INDICATOR - WITH GASKET WASHER		
10	R4233236	1	· PIN, COTTER		
11	R4234064	1	· LATCH ASSEMBLY, DOOR		
12	R4234081	1	· MANIFOLD ASSEMBLY (PAGE 2.16-2.16C)		
13	R4264306	1	· PANEL ASSEMBLY, ACCESS - SIDE		
14	R4234075	1	· INLET DOOR ASSEMBLY (PAGE 2.16-2.16B)		
15	R4264305	1	· HOPPER ASSEMBLY		
	R4269117	1	· · HOPPER STRUCTURE		
	R4252585	2	· · GASKET, HOPPER STRUCTURE		
	R4264304	1	· · FLAPS, VALVE		
16	R4264314	1	· PANEL ASSEMBLY, ACCESS - TOP		
17	R4233232	4	· ELEMENT, SAFETY - 8"		
18	R4255418	1	· PRESSURE TRANSMITTER, 0-20 PSIG		
19	R4262887	1	· CABLE ASSEMBLY		
20	R4262925	1	· CLAMP, PIPE		
21	R4255199	7	· VENTURI, PLASTIC		
22	R4260506	1	· HEATER GROUP, KLENZ SOLENOID MANIFOLD		
	R4260507	1	· · HEATER, KLENZ SOLENOID MANIFOLD		12/8/17
	R4260508	1	· · THERMOSTAT, KLENZ SOLENOID MANIFOLD		12/8/17
23	R4259540	4	· RING STRUCTURE, FILTER MOUNTING		7/20/10
NS	R4258769	1	· SCHEMATIC, AIR FILTER ASSEMBLY		11/12/12
	R4263018	REF	COUPLING, PIPE		
	R4264953	REF	ULTRASONIC LEAK DETECTOR		
			NOTE:		
			· FOR OPERATION AND SERVICE INSTRUCTIONS SEE THE		
			· AIR CLEANER SYSTEM INSTALLATION AND OPERATIONS		
			· MANUAL IN THE SERVICE MANUAL.		
		REF	DRAWING, KLENZ FILTER (R426301704)		11/12/12

**L-2350-2242 PARTS MANUAL
AIR CLEANER SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AIR CLEANER INLET DOOR ASSEMBLY



AIR CLEANER INLET DOOR ASSEMBLY

L-2350-2242 PARTS MANUAL
AIR CLEANER INLET DOOR ASSEMBLY

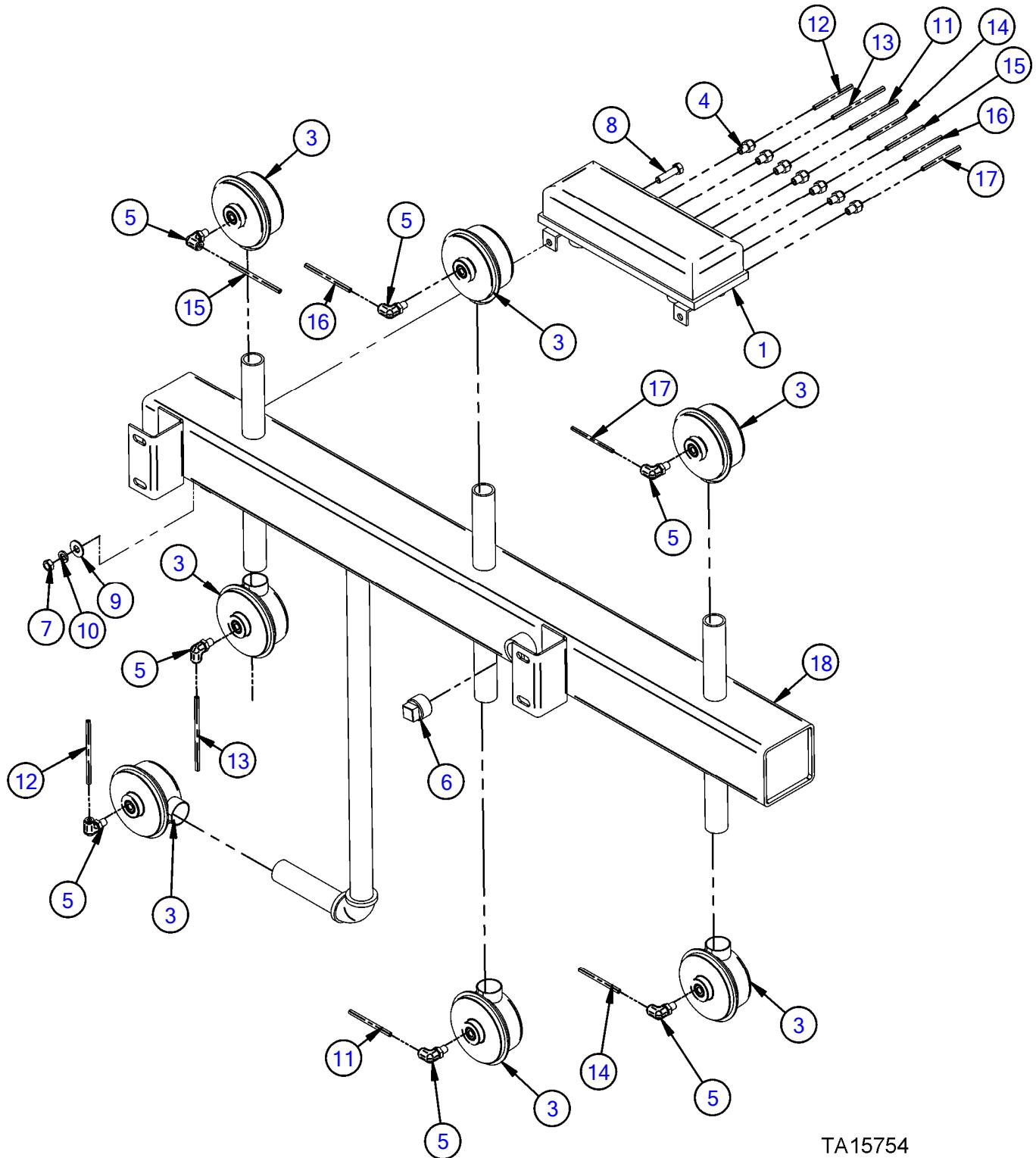
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4234075		INLET DOOR ASSEMBLY		11/12/12
1	R4234050	1	· DOOR, ACCESS		
2	R4231033	3	· LATCH, ACCESS DOOR - DRIFT ELIMINATOR		
3	R4234076	1	· DOOR HOUSING		
4	R4262885	2	· HINGE		
5	R4262886	1	· HINGE, DOOR HOUSING		
6	R4264303	1	· SEAL, DOOR - 1/2" X 1/4"		
7	R4262920	1	· SEAL, DOOR - 3/4" X 3/8"		
8	R4227743	2	· DRIFT ELIMINATOR, 25-1/4" X 36"		
9	R4227744	1	· DRIFT ELIMINATOR, 6-3/4" X 36"		
10	R4234080	2	· SEAL, DOOR - 1/2" X 1/2" X 52"		
			NOTE:		
			· FOR OPERATION AND SERVICE INSTRUCTIONS SEE THE		
			· AIR CLEANER SYSTEM INSTALLATION AND OPERATIONS		
			· MANUAL IN THE SERVICE MANUAL.		
	REF		DRAWING, INLET DOOR ASSEMBLY (R423407501)		11/12/12

**L-2350-2242 PARTS MANUAL
AIR CLEANER INLET DOOR ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AIR CLEANER MANIFOLD ASSEMBLY



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AIR CLEANER MANIFOLD ASSEMBLY

**L-2350-2242 PARTS MANUAL
AIR CLEANER MANIFOLD ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4234081		MANIFOLD ASSEMBLY		1/9/17
1	R4234077	1	· SOLENOID ENCLOSER, 7 VALVE		
	R4262904	7	· · VALVE, SOLENOID		1/9/17
	R4234074	7	· · · COIL, REPLACEMENT		1/9/17
2	R4262929	1	· PLUG, 1"		
3	R4278232	7	· VALVE, PULSE - SQUARE BODY ROUND DIAPHRAGM (PAGE 2.16-2.16D)		3/3/14
	R4278233	7	· · REPAIR KIT, PULSE VALVE		3/3/14
4	R4262894	7	· CONNECTOR, MALE - 1/4" O.D. PLASTIC		
5	R4262892	7	· CONNECTOR, ELBOW - 1/4" O.D. PLASTIC		
6	R4262893	1	· PLUG, 1"		
7	R4244623	2	· NUT, 3/8"-16		11/20/12
8	R4009640	2	· BOLT, 3/8"-16 X 1-1/2"		11/20/12
9	R0233042	2	· FLATWASHER, 3/8"		11/20/12
10	R0753123	2	· LOCKWASHER, 3/8"		11/20/12
11	R4262958	AR	· TUBING, 1/4" O.D.		11/20/12
12	R4262958	AR	· TUBING, 1/4" O.D.		11/20/12
13	R4262958	AR	· TUBING, 1/4" O.D.		11/20/12
14	R4262958	AR	· TUBING, 1/4" O.D.		11/20/12
15	R4262958	AR	· TUBING, 1/4" O.D.		11/20/12
16	R4262958	AR	· TUBING, 1/4" O.D.		11/20/12
17	R4262958	AR	· TUBING, 1/4" O.D.		11/20/12
18	R4234082	1	· MANIFOLD STRUCTURE		10/27/16
	R4286223	REF	VALVE ASSEMBLY, SOLENOID - 24V (OPTIONAL)	7	10/12/16
	R4245973	REF	CABLE ASSEMBLY, EURO TO OPEN - 6M (OPTIONAL)	7	10/12/16
		REF	DRAWING, MANIFOLD ASSEMBLY (R423408104)		10/27/16

**L-2350-2242 PARTS MANUAL
AIR CLEANER MANIFOLD ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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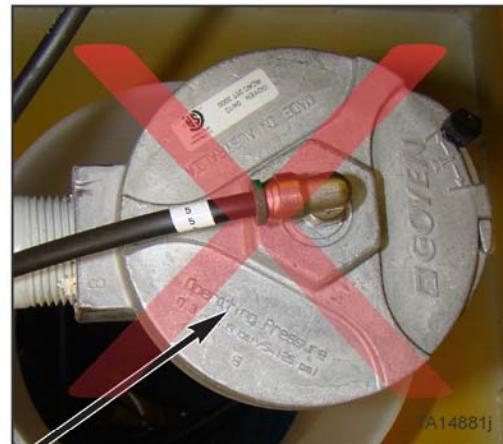
PULSE VALVE ASSEMBLY



1



TA14881g



TA14881j

2



TA14881d



TA14881f

3

TA14881h

PULSE VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
PULSE VALVE ASSEMBLY**

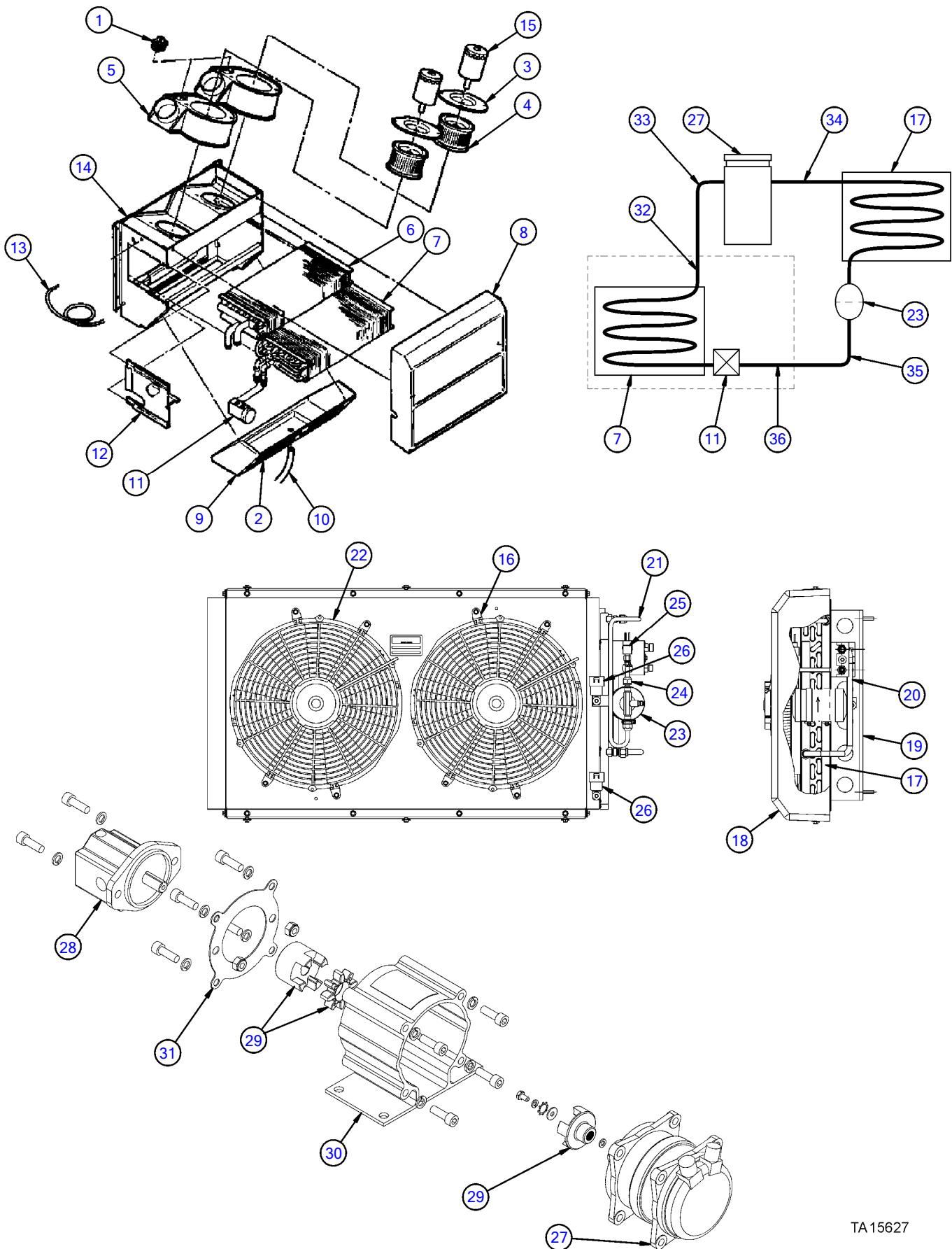
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
			PULSE VALVE ASSEMBLY (PL-653)		
1	R4219823	1	VALVE, PULSE - SQUARE DIAPHRAGM (SEE NOTE)		
	R4234073	1	· REPAIR KIT, PULSE VALVE		
2	R4255196	1	VALVE, PULSE - ROUND DIAPHRAGM (SEE NOTE)		
	R4259368	1	· REPAIR KIT, PULSE VALVE		
3	R4278232	1	VALVE, PULSE - SQUARE BODY ROUND DIAPHRAGM		
	R4278233	1	· REPAIR KIT, PULSE VALVE		
			NOTE:		
			R4219823 AND R4255196 ARE OBSOLETE. IF ONE OF THESE ARE ORDERED YOU WILL RECEIVE R4278232. VALVE REPAIR KITS ARE AVAILABLE FOR ALL VALVES.		
			R4278232 IS THE REPLACEMENT FOR THE EARLY VALVES.		
			THE PULSE VALVE ASSEMBLIES ARE INTERCHANGEABLE AND CAN BE REPLACED INDIVIDUALLY IN ANY AIR CLEANER ASSEMBLY.		

**L-2350-2242 PARTS MANUAL
PULSE VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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A/C AND HEATER SYSTEM

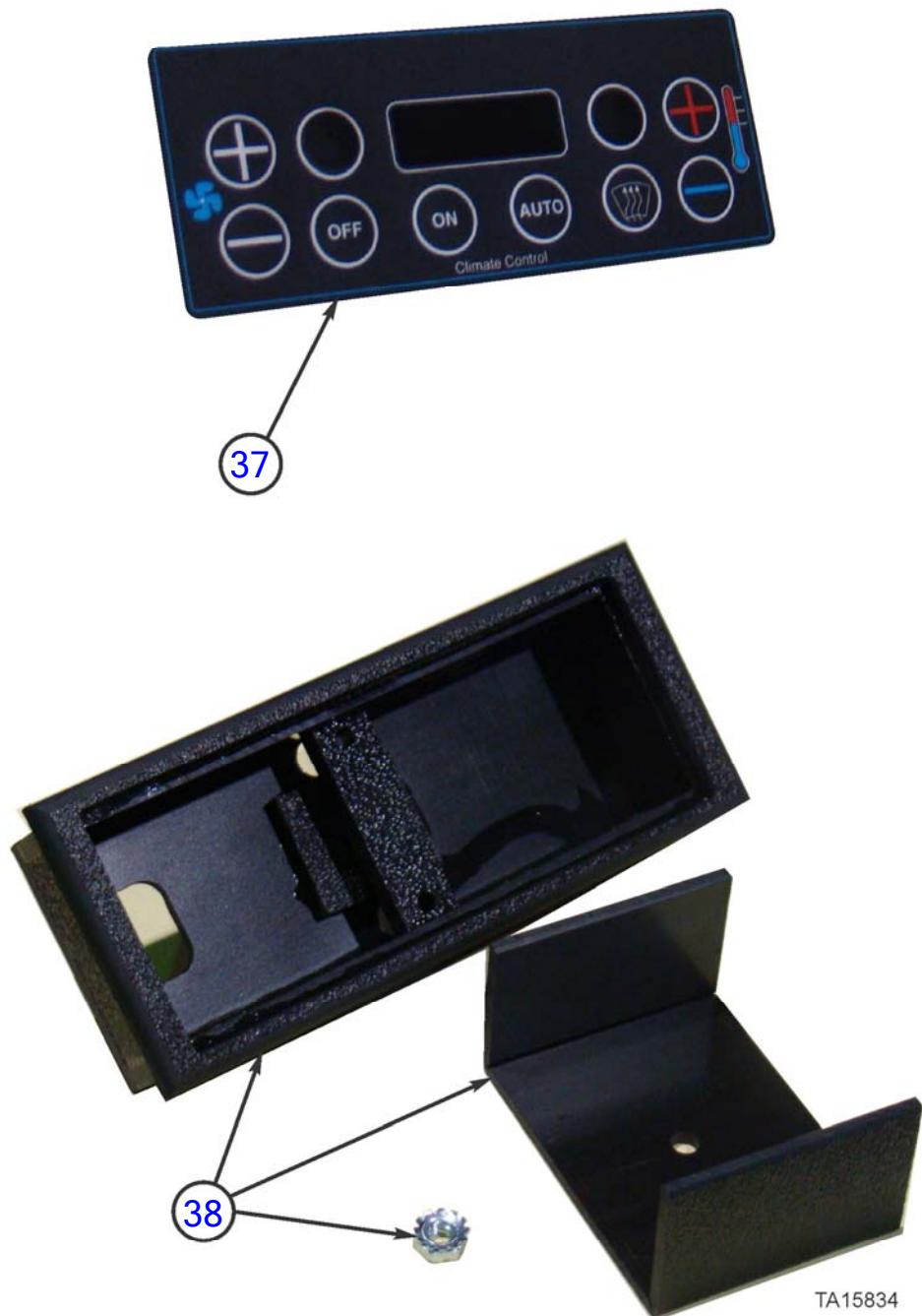


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A/C AND HEATER SYSTEM

A/C AND HEATER SYSTEM



TA15834

A/C AND HEATER SYSTEM

**L-2350-2242 PARTS MANUAL
A/C AND HEATER SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4268480		A/C AND HEATER ASSEMBLY		5/21/15
	R4275682	1	· A/C AND HEATER ASSEMBLY		
1	R4275696	2	· · RESISTER, A/C AND HEATER		
2	R4266306	1	· · FILTER, WASHABLE - A/C AND HEATER		
3	R4275697	2	· · MOUNT, MOTOR - A/C AND HEATER		
4	R4275698	2	· · BLOWER WHEEL, A/C AND HEATER		
5	R4275699	2	· · BLOWER ASSEMBLY, A/C AND HEATER		
6	R4275700	1	· · CORE, HEATER		
7	R4275701	1	· · EVAPORATOR COIL, A/C AND HEATER		
8	R4275702	1	· · COVER, A/C AND HEATER		
9	R4275703	1	· · COVER, AIR INTAKE - A/C AND HEATER		
10	R4275704	1	· · HOSE, DRAIN - A/C AND HEATER		
11	R4274420	1	· · EXPANSION VALVE - A/C AND HEATER		
12	R4275705	1	· · COVER ASSEMBLY, CORE - A/C AND HEATER		
13	R4268491	1	· · EVAPORATOR FREEZE PROBE - A/C AND HEATER		
14	R4275706	1	· · HOUSING ASSEMBLY, A/C AND HEATER		
15	R4268483	2	· · MOTOR, 24V RFI - A/C AND HEATER		
	R4275683	1	· · CONDENSER - A/C		
16	R4275690	8	· · BRACKET, FAN - CONDENSER		
17	R4275691	1	· · COIL, CONDENSER		
18	R4275692	1	· · COVER, CONDENSER		
19	R4275693	2	· · GASKET, MOUNT - CONDENSER		
20	R4275694	1	· · INLET TUBE, #8 - CONDENSER		
21	R4275695	1	· · TUBE ASSEMBLY, #6 - CONDENSER		
22	R4268488	2	· · FAN WITH DRAIN HOLES, CONDENSER		
23	R4268485	1	· · DRIER, CONDENSER		
24	R4275709	1	· · TUBE ASSEMBLY, #6 - CONDENSER		
25	R4268486	1	· · SWITCH, BINARY - CONDENSER		
26	R4268487	2	· · RELAY, 24V - CONDENSER		
	R4274382	1	· · COMPRESSOR/MOTOR ASSEMBLY - A/C		
27	R4268493	1	· · COMPRESSOR, TM-15 NO CLUTCH - A/C		
28	R4268492	1	· · MOTOR, HYDRAULIC - A/C		
29	R4274383	1	· · COUPLING, A/C COMPRESSOR MOTOR		
30	R4275707	1	· · SHROUD, A/C COMPRESSOR MOTOR		
31	R4275708	1	· · MOUNT PLATE, A/C COMPRESSOR MOTOR		
32	R4275688	1	· · HOSE, #12 - CAB TO EVAPORATOR		6/17/13
33	R4275689	1	· · HOSE, #12 - CAB TO COMPRESSOR		6/17/13
34	R4275687	1	· · HOSE, #8 - COMPRESSOR TO CONDENSER		6/17/13
35	R4275685	1	· · HOSE, #6 - CONDENSER TO CAB		6/17/13
36	R4275686	1	· · HOSE, #6 - CAB TO EVAPORATOR		6/17/13
37	R4274341	1	· · AUTOMATIC TEMPERATURE CONTROL PANEL, A/C AND HEATER (SEE NOTE)		5/21/15
38	R4274650	1	· · MOUNT BOX, CONTROL HEAD		3/12/14
	R4268490	1	· · ECU MODULE, 12/24 VOLT - A/C AND HEATER		
	R4268489	1	· · SENSOR, TEMPERTURE - WITH DEUTSCH PLUG, A/C AND HEATER		
	R4268484	1	· · VALVE, WATER - 12/24V - A/C AND HEATER		
	R4279580	1	· · VALVE, WATER - 12/24V - A/C AND HEATER		6/24/13
	R4278972	1	· · HOSE, HEATER - MOLDED		6/24/13
			NOTE:		5/21/15
			· WHEN THE AUTOMATIC TEMPERATURE CONTROL (ATC) PANEL FOR THE UNIT IS REPLACED,		5/21/15
			· THE SYSTEM MUST BE PROGRAMMED. REFER TO VENDOR INFORMATION IN SERVICE MANUAL		5/21/15
			· VL 111C - ATC INSTRUCTIONS, FOR PROGRAMMING INSTRUCTIONS.		5/21/15

**L-2350-2242 PARTS MANUAL
A/C AND HEATER SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	REF	DRAWING, A/C AND HEATER SYSTEM (R426848005)			4/10/12

L-2350-2242 PARTS MANUAL
Generator

SECTION OR GROUP TITLE

SR G200 GENERATOR ASSEMBLY

SR G200 GENERATOR GROUP

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NOTE: Many of the parts for factory-installed optional components are found in Section 9 of the Parts Manual, which is titled MISCELLANEOUS.

It is essential to verify the optional equipment on the machine and check the parts lists in Section 9 prior to ordering parts.

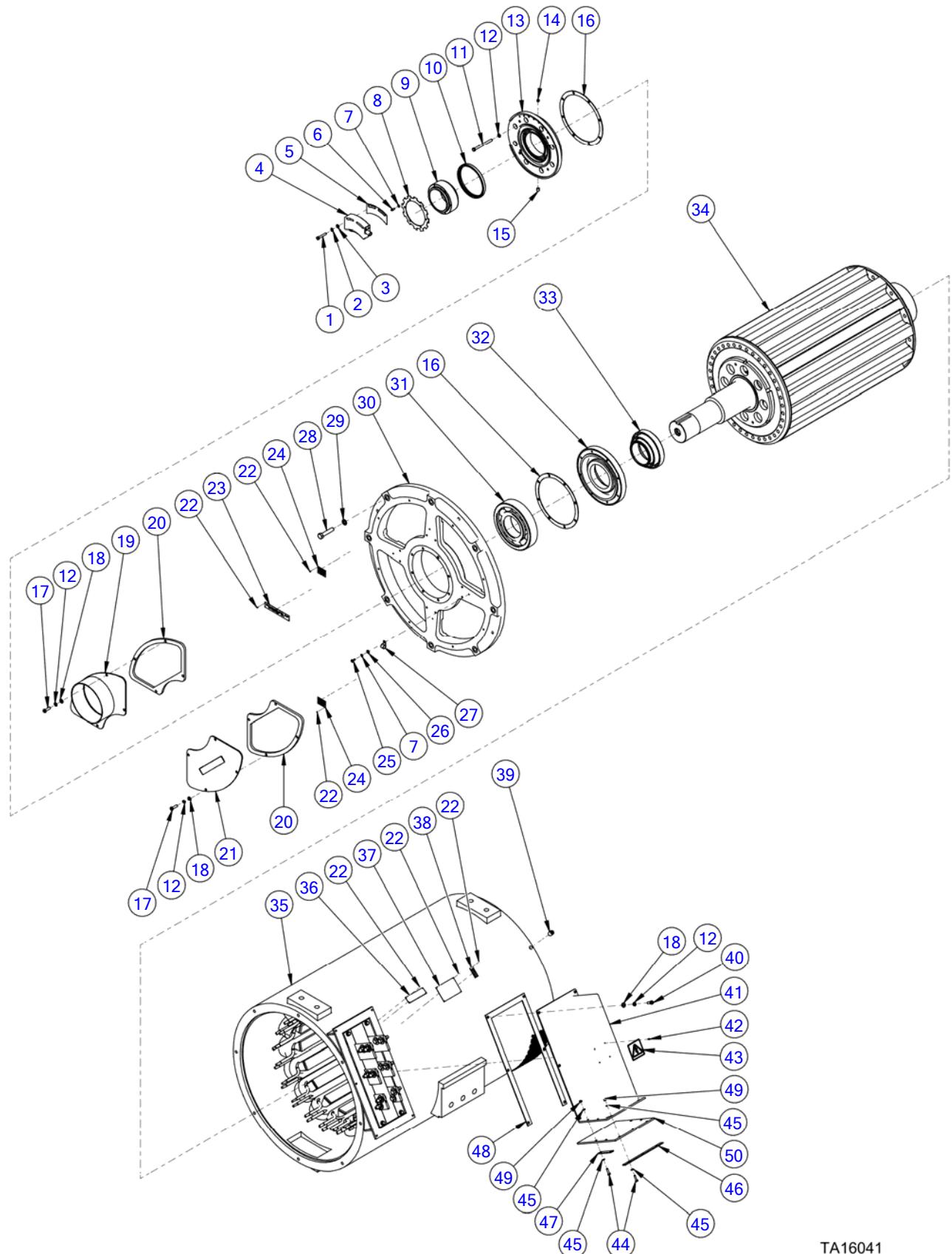
Should there be questions or need for additional information concerning parts for factory-installed options, contact the Komatsu Parts Sales Department before placing an order.

**L-2350-2242 PARTS MANUAL
Generator**

SECTION OR GROUP TITLE

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SR G200 GENERATOR ASSEMBLY



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SR G200 GENERATOR ASSEMBLY

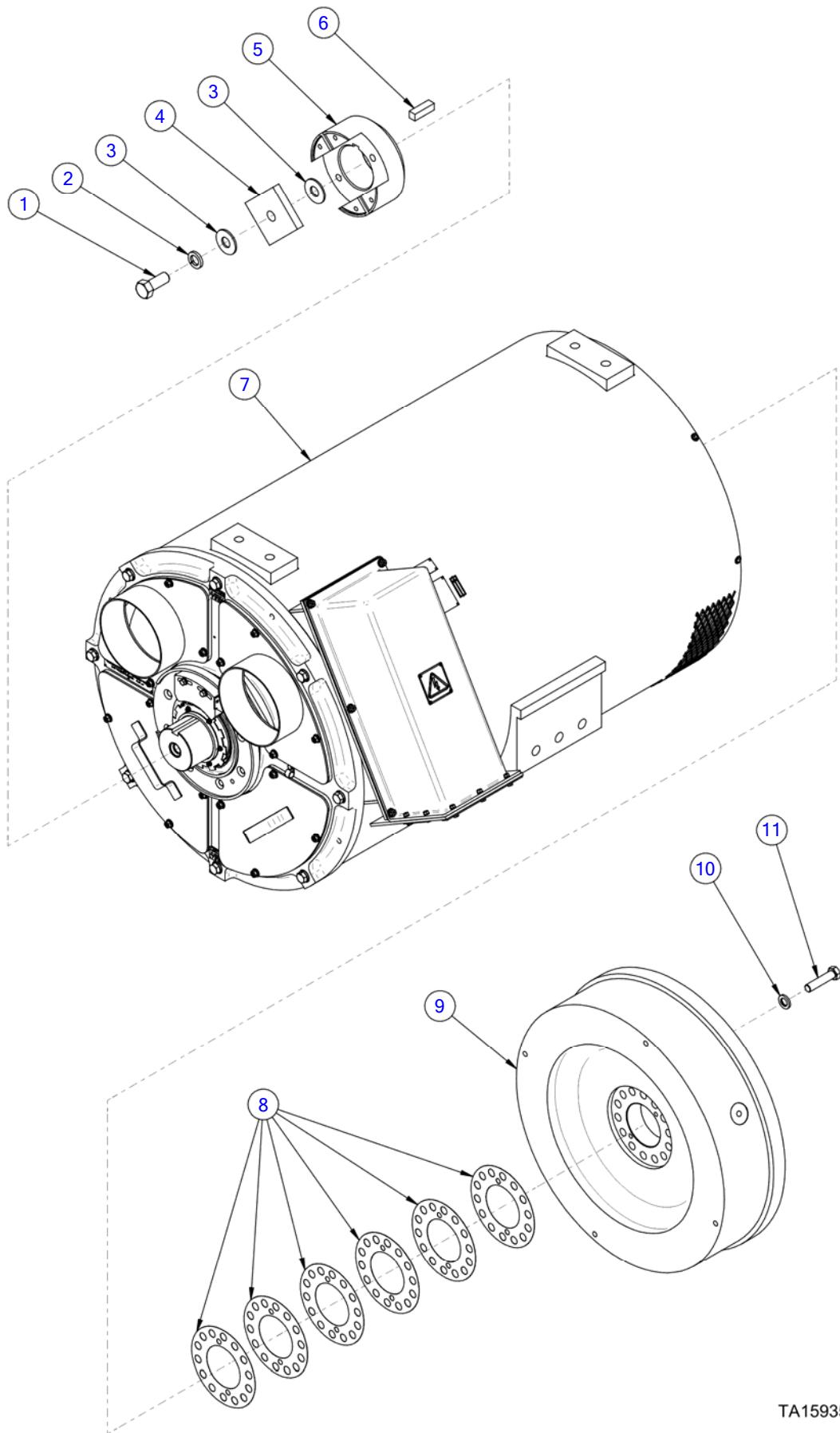
**L-2350-2242 PARTS MANUAL
SR G200 GENERATOR ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4266801		SR G200 GENERATOR ASSEMBLY		
1	R4009629	2	· BOLT, 5/16"-18 X 2"		
2	R0264174	2	· LOCKWASHER, 5/16"		
3	R0753118	2	· FLATWASHER, 5/16"		
4	R4259036	1	· CARRIER ASSEMBLY, RPT - G50		
5	R4259038	1	· SHIM PACK, RPT CARRIER - G50		
6	R4001801	6	· BOLT, 1/4"-20 X 1/2"		
7	R0213584	7	· LOCKWASHER, 1/4"		
8	R4257758	1	· SHUTTER, RPT - G50		
9	R4264720	1	· RACE, OUTER LABYRINTH FOR RPT		
10	R4264746	1	· SEAL, OIL - 6.000 6.750 .50 V		
11	R4009648	8	· BOLT, 3/8"-16 X 4-1/2"		
12	R0753123	30	· LOCKWASHER, 3/8"		
13	R4264729	1	· RETAINER, BEARING - OUTER, FOR RPT		
14	R0716331	1	· PLUG, PIPE - 1/8", HEX CSK.		
15	R0272969	1	· PLUG, PIPE - 1/4", HEX CSK.		
16	R4264699	2	· GASKET, NDE		
17	R0808476	16	· BOLT, 3/8"-16 X 1-1/4"		
18	R0808221	22	· FLATWASHER, 3/8"		
19	R4240443	2	· COVER, ACCESS - WITH INLET		
20	R4180893	4	· GASKET, ACCESS COVER		
21	R4180891	2	· COVER, ACCESS - WITH HANDLE		
22	R4032268	20	· SCREW, DRIVE - #2 X 3/16"		
23	R4286588	1	· TAG, GREASE - KLUBER ISOFLEX TOPAS L152		3/31/17
24	R4100864	2	· TAG, CAUTION - GENERATOR WITH OUT COVERS		
25	R0812278	1	· BOLT, 1/4"-20 X 5/8"		
26	R4010923	1	· FLATWASHER, 1/4"		
27	R4257612	1	· CLAMP, CABLE - INSULATED, 5/8"		
28	R0021634	8	· BOLT, 5/8"-11 X 3"		
29	R0021541	8	· LOCKWASHER, 5/8"		
30	R4185941	1	· ENDBELL, GENERATOR - 7B NDE		
31	R4243426	1	· BEARING, BALL - INSULATED		
32	R4264728	1	· RETAINER, BEARING - INNER, FOR RPT		
33	R4264727	1	· RACE, INNER LABYRINTH - FOR RPT		
34	R4265470	1	· ROTOR ASSEMBLY, G200		
35	R4265473	1	· GENERATOR, SR G200		
36	R4278455	1	· PLATE, NAME		6/9/17
37	R4265474	1	· PLATE, DATA - G200		6/9/17
38	R0864439	1	· TAG, ROTATION		
39	R4016006	2	· SETSCREW, 3/4"-10 X 1" - HEX CSK.		
40	R0810971	6	· BOLT, 3/8"-16 X 1"		
41	R4264737	1	· GASKET, COVER		
42	R4251580	4	· BOLT, #6-32 X 3/8" - TOPTITE		
43	R4268617	1	· LABEL, SAFETY - HIGH VOLTAGE, INTERNATIONAL SYMBOL - S.S.		
44	R0814157	7	· BOLT, 1/4"-20 X 1"		
45	R0213584	14	· LOCKWASHER, 1/4"		
46	R4250167	1	· CLAMP BAR, 9-3/4"		
47	R4250168	2	· CLAMP BAR, 3-3/4"		
48	R4264737	1	· GASKET, COVER		
49	R4012935	7	· NUT, 1/4"-20		
50	R4275426	1	· SEAL, LEAD EXIT		
NS	R0459283		· THREAD COMPOUND, LOCTITE #2760		
	R4220928		· THREAD COMPOUND, LOCTITE #222		
	R4216206		· GREASE, EXXON - UNIREX, N2, 35 LB PAIL		
	R4214060		· PAINT, RAVEN BLACK - QUICK DRY ENAMEL		
	N.P.N.		SR G200 GENERATOR GROUP (PAGE 6.1-6.1B)		

**L-2350-2242 PARTS MANUAL
SR G200 GENERATOR ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
		REF	DRAWING, GENERATOR ASSEMBLY - G200 SR (R426680100)		

SR G200 GENERATOR GROUP



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SR G200 GENERATOR GROUP

**L-2350-2242 PARTS MANUAL
SR G200 GENERATOR GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4266813		SR G200 GENERATOR GROUP		11/9/15
1	R0986238	1	· BOLT, 1"-14 X 2-1/2"		
2	R0021544	1	· LOCKWASHER, 1"		
	R4245660	1	· HUB, DRIVE - WITH KEYWAY, INSULATED		
3	R0021553	1	· · FLATWASHER, 1" I.D. X 2-1/2" O.D.		
4	R4243427	1	· · WASHER, RECTANGULAR - INSULATED		
5	R4243428	1	· · HUB, DRIVE - INSULATED		
6	R4243425	1	· · KEY, HUB - INSULATED		
7	R4266801	1	· SR G200 GENERATOR ASSEMBLY (PAGE 3.1-3.1A)		11/9/15
8	R4164561	AR	· SHIM, .007"	6	6/3/15
9	R4281853	1	· ADAPTER, ROTOR		6/3/15
10	R4222109	14	· FLATWASHER, 3/4" I.D. X 1-3/8" O.D. X 3/16" - HARDENED		6/3/15
11	R0021649	14	· BOLT, 3/4"-10 X 3-1/4"		6/3/15
			NOTE:		
			· PROPER INSTALLATION OF THESE INSULATED PARTS IS CRITICALLY		
			· IMPORTANT TO AVOID DAMAGE. PROPER INSTALLATION PROCEDURES		
			· CAN BE FOUND IN THE SERVICE MANUAL, MECHANICAL, HPD GEARBOX.		
	REF		DRAWING, GENERATOR GROUP - G200 SR (R426681300)		11/9/15

**L-2350-2242 PARTS MANUAL
SR G200 GENERATOR GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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L-2350-2242 PARTS MANUAL
Instrument Panel Components
SECTION OR GROUP TITLE

INSTRUMENT PANEL GROUP
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**L-2350-2242 PARTS MANUAL
Instrument Panel Components
SECTION OR GROUP TITLE**

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**L-2350-2242 PARTS MANUAL
INSTRUMENT PANEL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
			INSTRUMENT PANEL GROUP (PL-631)		
			· NOTE:		
			· · FOR INSTRUMENT PANEL PARTS SEE PAGE 5.82-5.82A		

**L-2350-2242 PARTS MANUAL
INSTRUMENT PANEL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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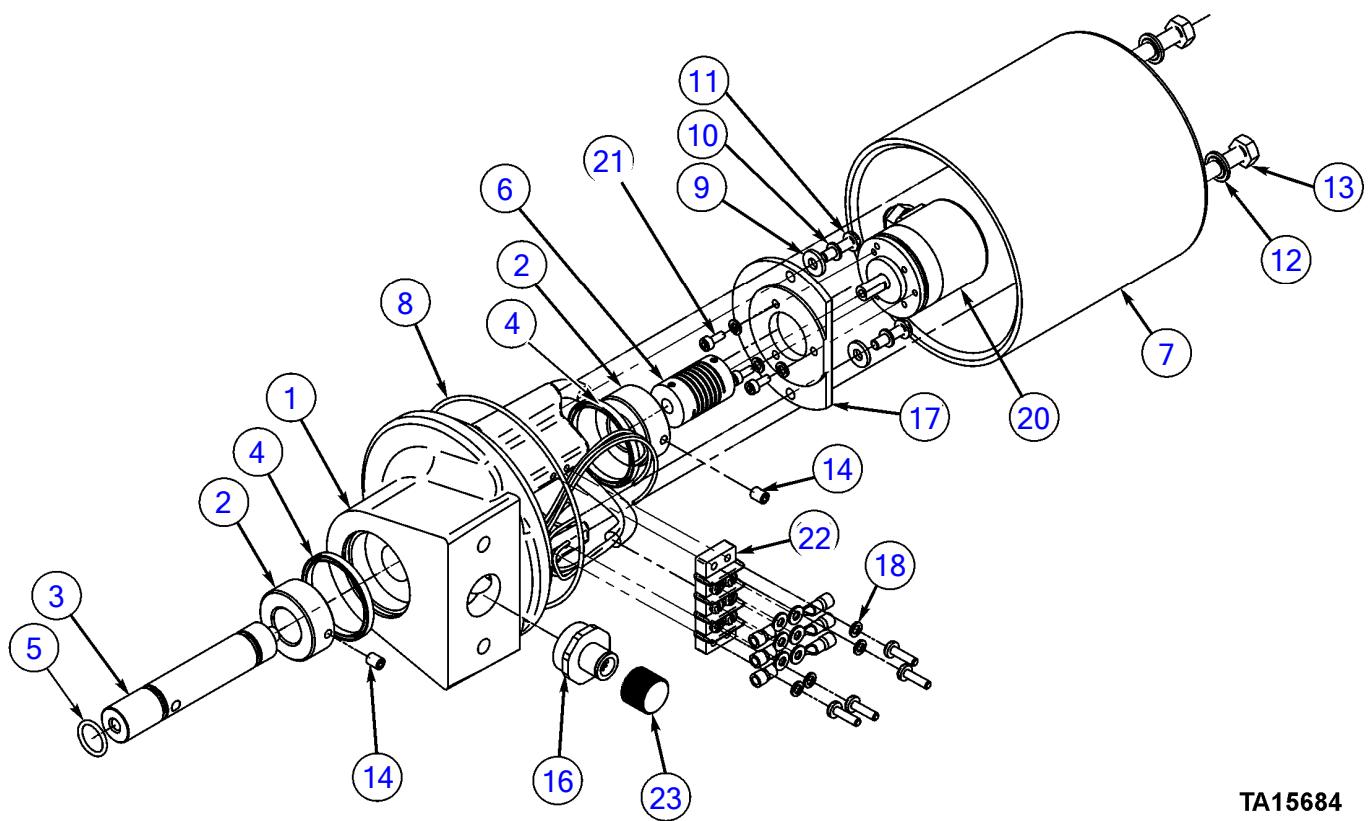
L-2350-2242 PARTS MANUAL
Electric Control Components
SECTION OR GROUP TITLE

POSITION INDICATOR ASSEMBLY
SPEED CONTROL PEDAL ASSEMBLY
STEERING POSITION INDICATOR GROUP
LIFTARM LEVEL INDICATOR GROUP
BELLCRANK POSITION INDICATOR GROUP
HIGH VOLTAGE CABINET ASSEMBLY
CONVERTER ASSEMBLY
 BRAKING GRID
BATTERY BOX ASSEMBLY
ENGINE INTERFACE BOX ASSEMBLY
SR COOLER PLUMBING GROUP
POLE LIGHT ASSEMBLY - L.H.
POLE LIGHT ASSEMBLY - R.H.
REAR COWL LIGHT GROUP
ELECTRICAL SCHEMATIC
CAB WIRING DIAGRAM LINCS II
ISOLATION SWITCH BOX ASSEMBLY
ENGINE AIR RESTRICTION GAUGE BOX ASSEMBLY
LOW VOLTAGE CONTROL CABINET ASSEMBLY
LINCS II LOW VOLTAGE PANEL ASSEMBLY
LINCS II RELAY PANEL ASSEMBLY
FRONT FRAME HARNESS GROUP
REAR FRAME HARNESS GROUP
LOW VOLTAGE ELECTRICAL COMPONENTS
 Komatsu has made effort to make this manual as accurate as possible based on the information available at the time of publication and printing.
Continuous improvement and advancement of product design may cause changes to machines which may not have been included in this publication.
Komatsu reserves the right to make changes and improvements at any time.
To ensure the most current information, please use the Komatsu On-Line Parts Manual Database or contact your service center.
 This illustrated Parts Manual is now designed primarily for electronic viewing.
It is best viewed from the DVD or the Komatsu On-Line Parts Manual Database.
In its printed paper version some items in the illustrations may appear small and the reference numbers may be difficult to read.
In a case where a number or view is unreadable you will need to view it electronically and use the zoom feature.
 NOTE: Many of the parts for factory-installed optional components are found in Section 9 of the Parts Manual, which is titled MISCELLANEOUS.
It is essential to verify the optional equipment on the machine and check the parts lists in Section 9 prior to ordering parts.
Should there be questions or need for additional information concerning parts for factory-installed options, contact the Komatsu Parts Sales Department before placing an order.

**L-2350-2242 PARTS MANUAL
Electric Control Components
SECTION OR GROUP TITLE**

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POSITION INDICATOR ASSEMBLY



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POSITION INDICATOR ASSEMBLY

**L-2350-2242 PARTS MANUAL
POSITION INDICATOR ASSEMBLY**

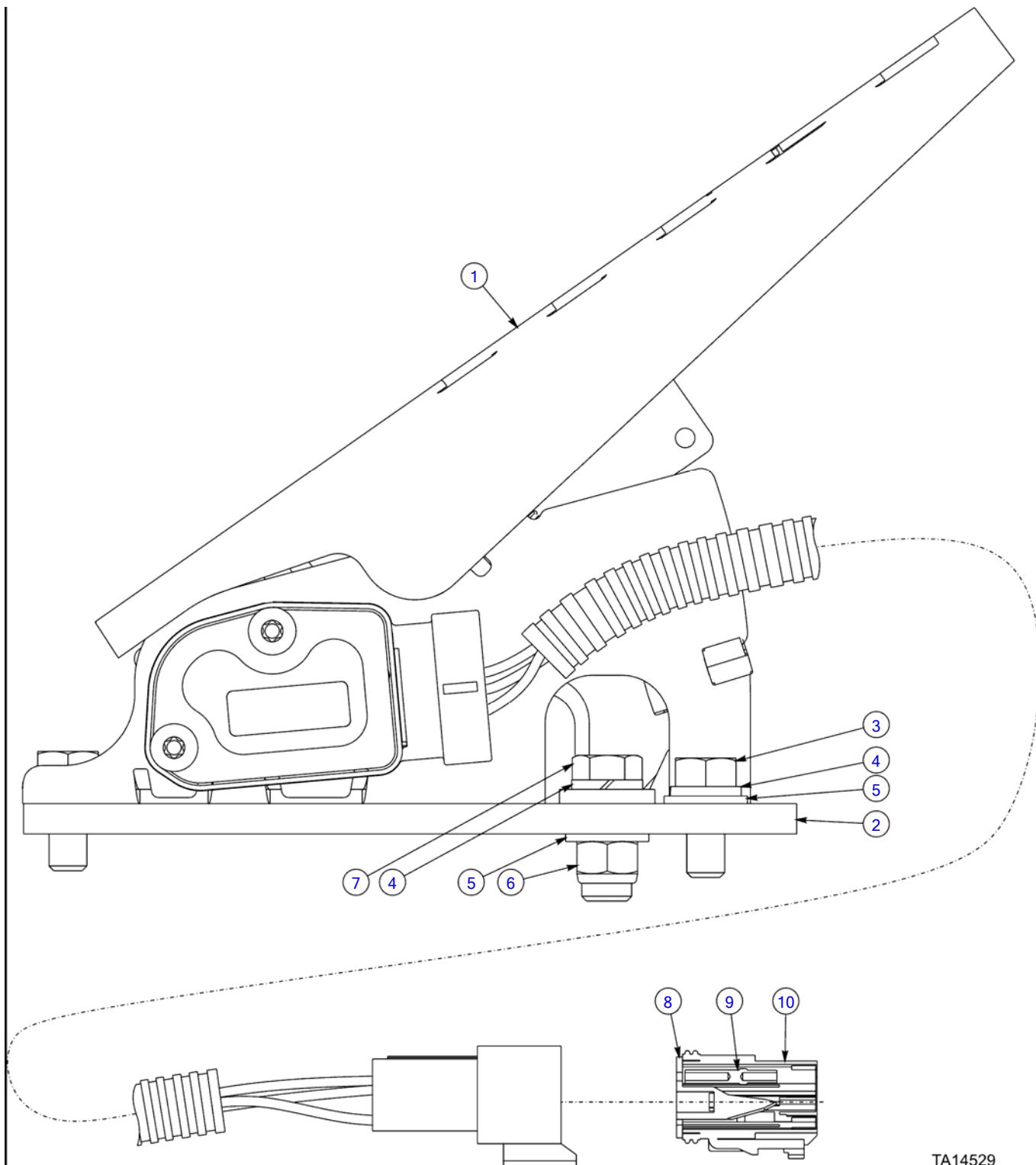
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4259941		POSITION INDICATOR ASSEMBLY		11/16/12
1	R4253654	1	· HOUSING, POSITION SENSOR		
2	R4247876	2	· COLLAR, LOCKING		
3	R4247877	1	· SHAFT, POSITION INDICATOR		
4	R4247878	2	· SEAL, POSITION INDICATOR		
5	R4247879	2	· O-RING, 1/2" I.D. - BUNA N		
6	R4247855	1	· U-JOINT, HELICAL FLEXURED		
7	R4253655	1	· COVER, POSITION SENSOR		
8	R4247845	1	· O-RING, 3-1/2" I.D. - BUNA N		
9	R4010922	2	· FLATWASHER, 3/16"		
10	R0819904	2	· LOCKWASHER, 3/16"		
11	R0989217	2	· SCREW, #8-32 X 5/8"		
12	R4253656	2	· WASHER, SEAL - 1/4"		
13	R0730503	2	· BOLT, 1/4"-20 X 2-3/4"		
14	R0730514	2	· SETSCREW, #10-24 X 1/4"		
15	R4248755	AR	· LUBRICANT, 3 OZ. TUBE		
16	R4259942	1	· CONNECTOR, MALE - 5 PIN		
17	R4259940	1	· MOUNT PLATE, ENCODER		
18	R0234944	7	· LOCKWASHER, 1/8"		
19	R0824385	4	· SCREW, #6-32 X 1/2"		
20	R4257857	1	· ENCODER, ABSOLUTE - 360 deg. TURCK		
21	R4259901	3	· SCREW, 3 MM X 8 - SOCKET HD.		
22	R4076032	1	· TERMINAL STRIP, 3 TERM.		
23	R4274687	1	· CAP, SEALING - 12M		11/16/12
			NOTE:		
	R4255524	REF	· TOOL, SEAL INSTALLATION - POSITION INDICATOR	1	
		REF	DRAWING, POSITION INDICATOR ASSEMBLY (R425994103)		

**L-2350-2242 PARTS MANUAL
POSITION INDICATOR ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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SPEED CONTROL PEDAL ASSEMBLY



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SPEED CONTROL PEDAL ASSEMBLY

**L-2350-2242 PARTS MANUAL
SPEED CONTROL PEDAL ASSEMBLY**

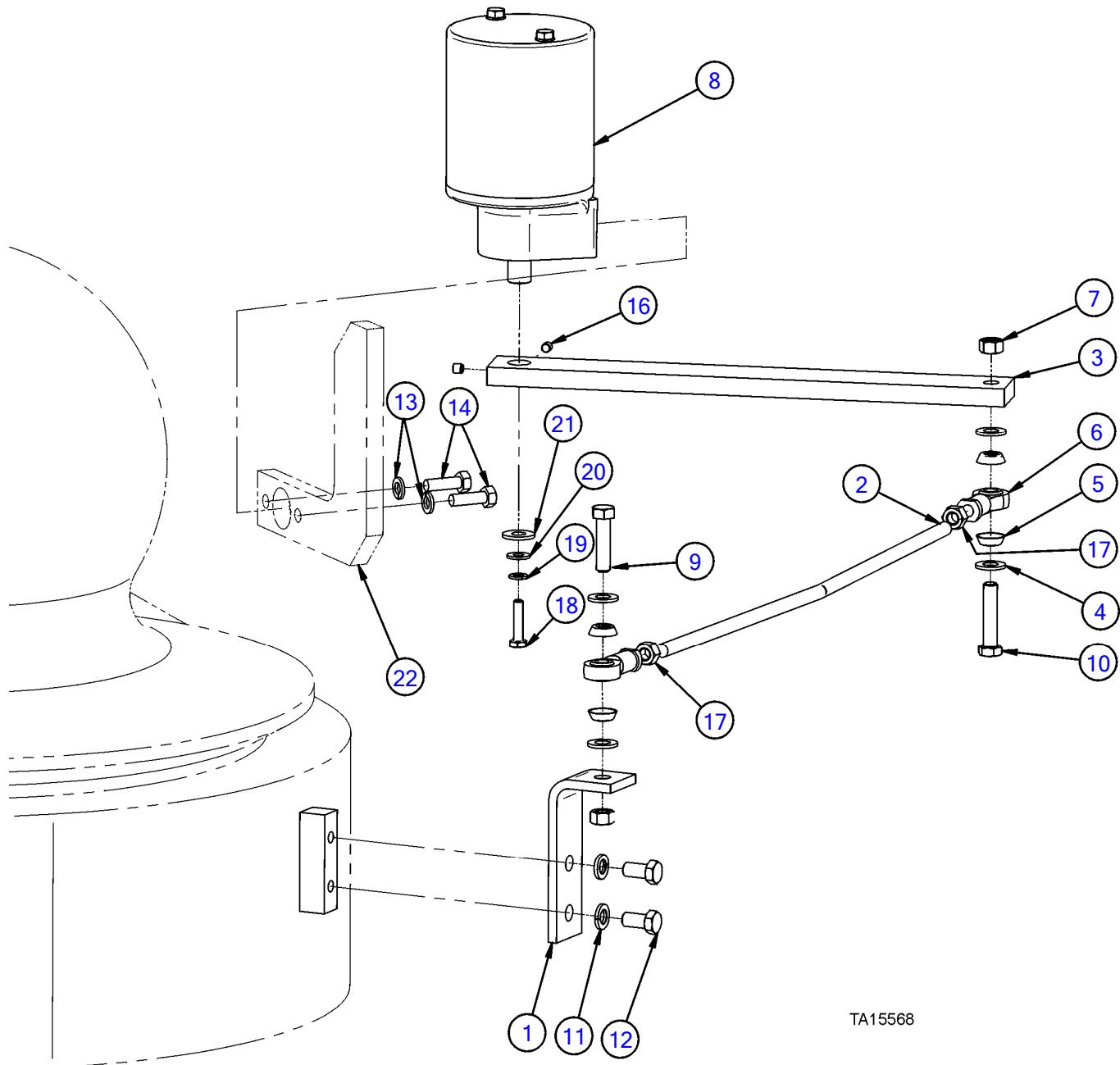
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4259998		SPEED CONTROL PEDAL ASSEMBLY		
1	R4259998	1	· PEDAL ASSEMBLY, SPEED CONTROL - 35 deg. FIXED		
2	N.P.N.		· NOT USED		
3	N.P.N.		· NOT USED		
4	N.P.N.		· NOT USED		
5	N.P.N.		· NOT USED		
6	N.P.N.		· NOT USED		
7	N.P.N.		· NOT USED		
8	R4240201	1	· WEDGE, W3S		
9	R4240200	3	· SOCKET, CONTACT - 16		
10	R4240202	1	· PLUG		
			NOTE:		
			· THERE ARE NO SERVICE PARTS FOR SPEED CONTROL PEDAL ASSEMBLY R4259998.		

**L-2350-2242 PARTS MANUAL
SPEED CONTROL PEDAL ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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STEERING POSITION INDICATOR GROUP



STEERING POSITION INDICATOR GROUP

**L-2350-2242 PARTS MANUAL
STEERING POSITION INDICATOR GROUP**

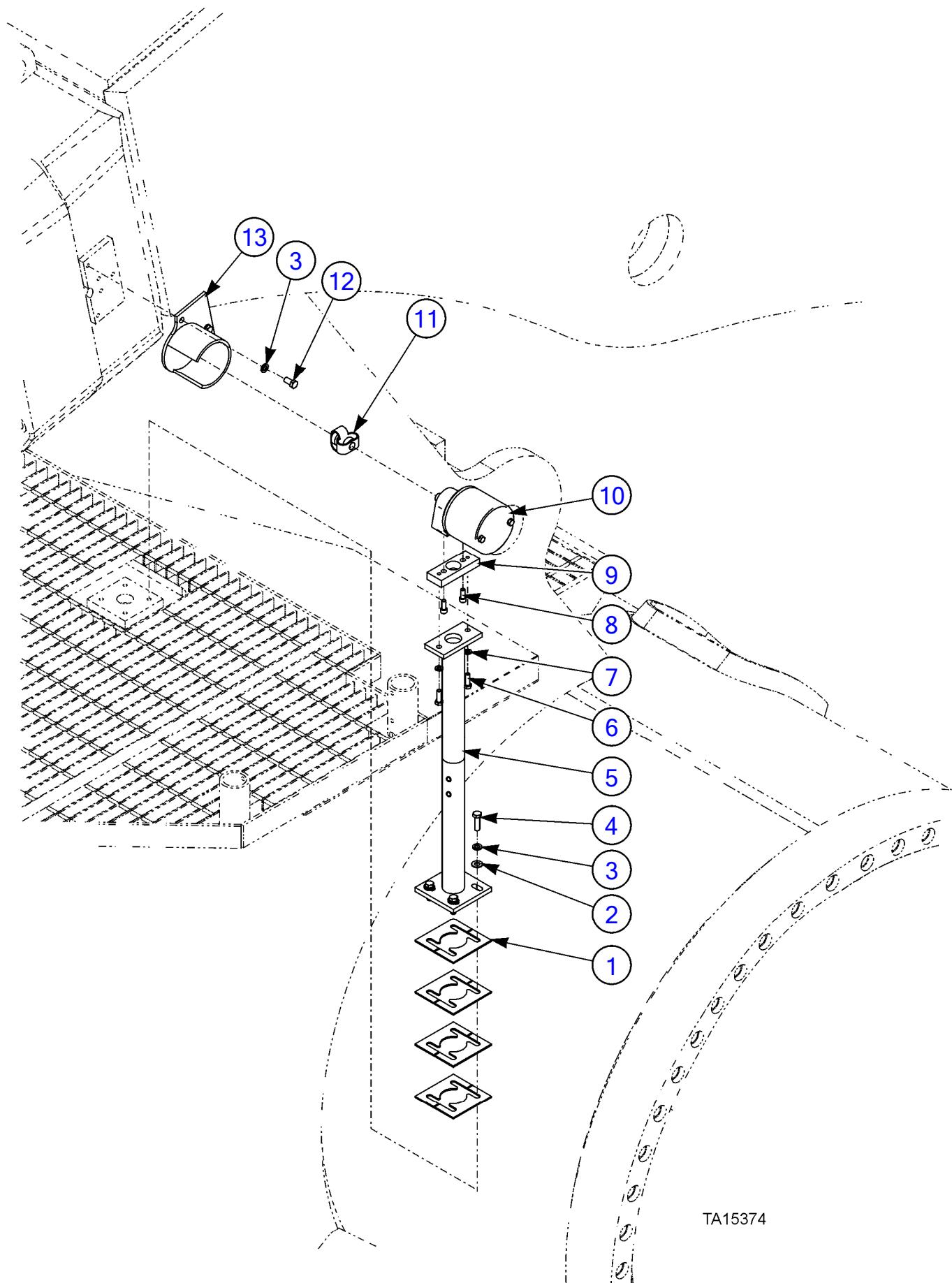
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4266323		STEERING POSITION INDICATOR GROUP		
1	R4253662	1	· MOUNT ARM, STEERING LIMIT - FRONT FRAME		
2	R4253661	1	· ROD, THREADED - 3/8"-24 X 17-1/2" - BENT		
3	R4253660	1	· DRIVE BAR, POSITION INDICATOR		
4	R0808221	4	· FLATWASHER, 3/8"		
5	R4247800	4	· SEAL		
6	R4009000	2	· ROD END, SPHERICAL BEARING		
7	R4146758	2	· LOCKNUT, 3/8"-16		
8	R4259941	1	· POSITION INDICATOR ASSEMBLY		
9	R4009640	1	· BOLT, 3/8"-16 X 1-1/2"		
10	R0829683	1	· BOLT, 3/8"-16 X 1-3/4"		
11	R0753123	2	· LOCKWASHER, 3/8"		
12	R0810970	2	· BOLT, 3/8"-16 X 3/4"		
13	R0264174	2	· LOCKWASHER, 5/16"		
14	R4010374	2	· BOLT, 5/16"-24 X 1"		
15	R1510360	AR	· LUBRICANT, #630-AA		
16	R0088711	2	· SETSCREW, 1/4"-20		
17	R0753124	2	· NUT, 3/8"-24		
18	R4105644	1	· BOLT, 1/4"-20 X 1-1/8"		
19	R0213584	1	· LOCKWASHER, 1/4"		
20	R4010923	1	· FLATWASHER, 1/4"		
21	R0043735	1	· FLATWASHER, 5/16"		
22	R4253659	REF	· MOUNT BRACKET, POSITION INDICATOR		
		REF	DRAWING, STEERING POSITION INDICATOR GROUP (R426632300)		

**L-2350-2242 PARTS MANUAL
STEERING POSITION INDICATOR GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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LIFTARM LEVEL INDICATOR GROUP



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LIFTARM LEVEL INDICATOR GROUP

**L-2350-2242 PARTS MANUAL
LIFTARM LEVEL INDICATOR GROUP**

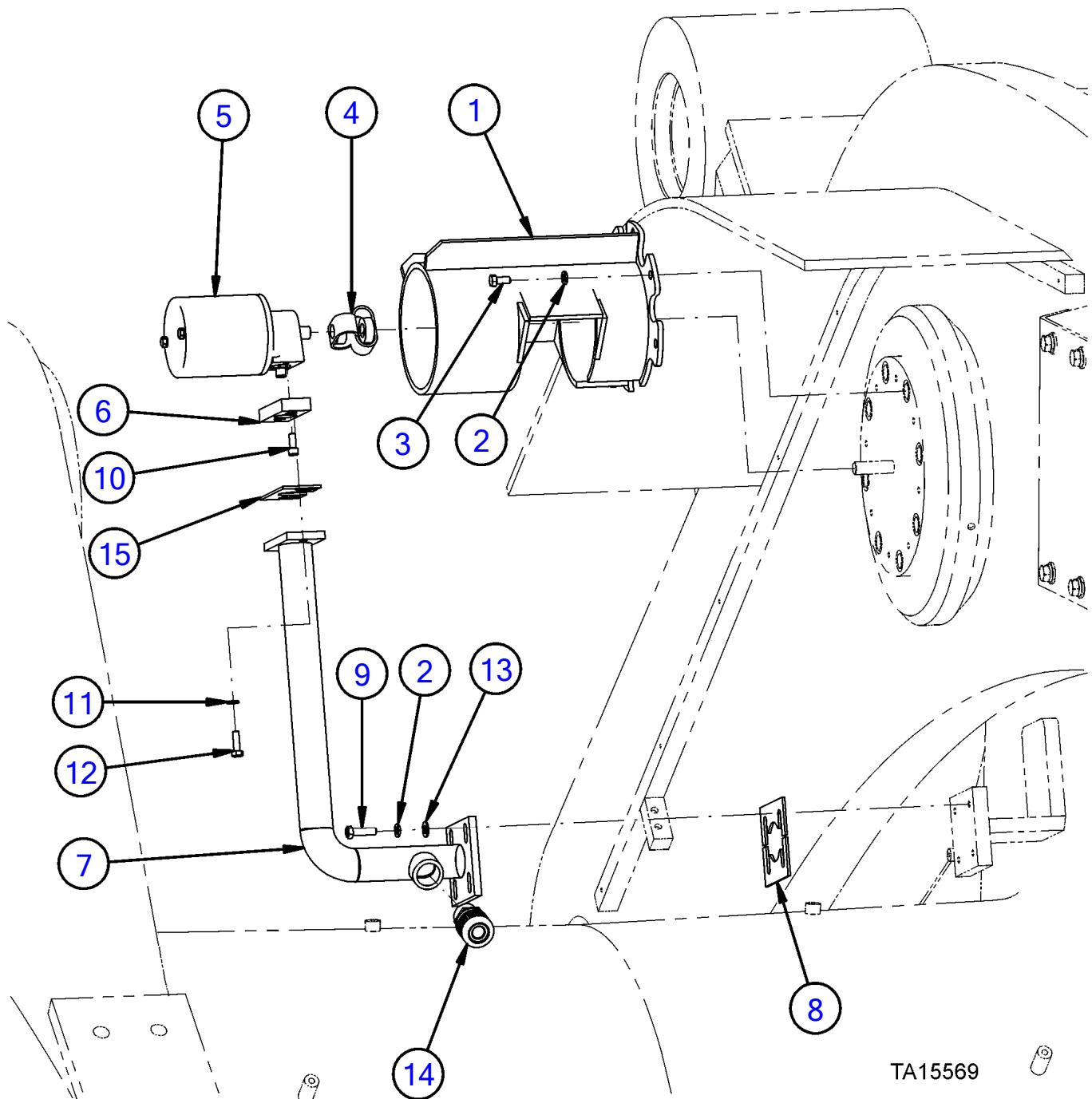
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4265182		LIFTARM LEVEL INDICATOR GROUP		
1	R4247854	AR	· SHIM, 11 GAUGE	16	
	R4255626	AR	· SHIM, 11 GAUGE	3	
2	R0808221	4	· FLATWASHER, 3/8"		
3	R0753123	7	· LOCKWASHER, 3/8"		
4	R0808476	4	· BOLT, 3/8"-16 X 1-1/4"		
5	R4261345	1	· MOUNT STRUCTURE, BUCKET POSITION INDICATOR, ADJ.		
6	R4009626	2	· BOLT, 5/16"-18 X 1"		
7	R0264174	2	· LOCKWASHER, 5/16"		
8	R4001967	2	· CAPSCREW, 5/16"-24 X 3/4"		
9	R4253623	1	· ADAPTER BAR, POSITION INDICATOR ASSEMBLY		
10	R4259941	1	· POSITION INDICATOR ASSEMBLY		
11	R4244974	1	· COUPLING, FLEXABLE		
12	R0810970	3	· BOLT, 3/8"-16 X 3/4"		
13	R4247873	1	· SHIELD STRUCTURE, COUPLING		

**L-2350-2242 PARTS MANUAL
LIFTARM LEVEL INDICATOR GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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BELLCRANK LEVEL INDICATOR GROUP



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BELLCRANK LEVEL INDICATOR GROUP

**L-2350-2242 PARTS MANUAL
BELLCRANK LEVEL INDICATOR GROUP**

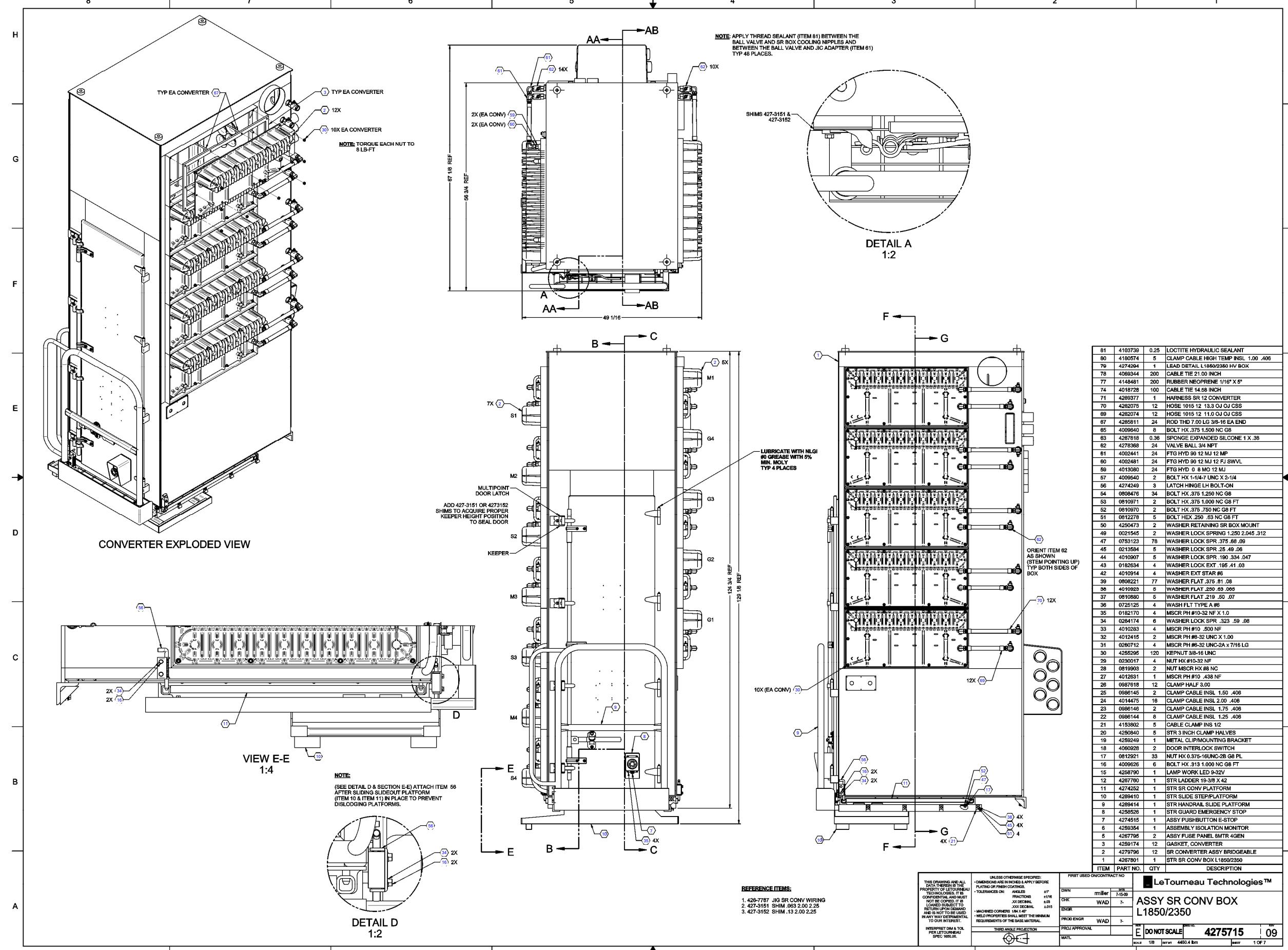
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4266338		BELLCRANK LEVEL INDICATOR GROUP		
1	R4253632	1	· GUARD STRUCTURE, BELLCRANK POSITION INDICATOR		
2	R0753123	10	· LOCKWASHER, 3/8"		
3	R0810970	6	· BOLT, 3/8"-16 X 3/4"		
4	R4244974	1	· COUPLING, FLEXABLE		
5	R4259941	1	· POSITION INDICATOR ASSEMBLY		
6	R4253623	1	· ADAPTER BAR, POSITION INDICATOR ASSEMBLY		
7	R4270276	1	· MOUNT STRUCTURE, BELLCRANK LIMIT		
8	R4247854	AR	· SHIM, 11 GAUGE	6	
9	R0808476	4	· BOLT, 3/8"-16 X 1-1/4"		
10	R4001967	2	· CAPSCREW, 5/16"-24 X 3/4"		
11	R0264174	2	· LOCKWASHER, 5/16"		
12	R4009626	2	· BOLT, 5/16"-18 X 1"		
13	R0808221	4	· FLATWASHER, 3/8"		
14	R4030803	1	· CONNECTOR, CABLE		
15	R4255626	1	· SHIM, 11 GAUGE		
			REF BELLCRANK LEVEL INDICATOR GROUP (R426633800)		

**L-2350-2242 PARTS MANUAL
BELLCRANK LEVEL INDICATOR GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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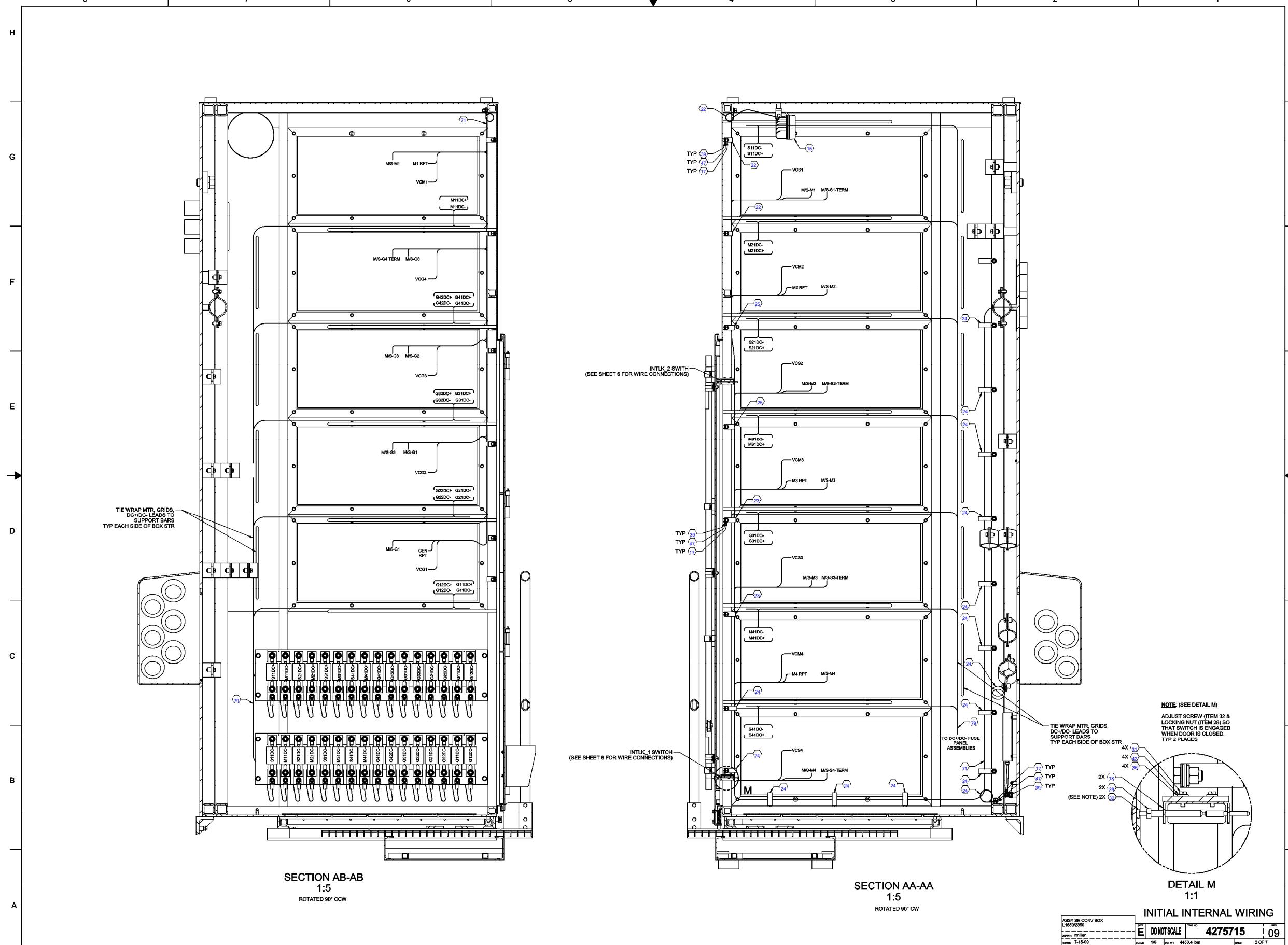
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HIGH VOLTAGE CABINET ASSEMBLY



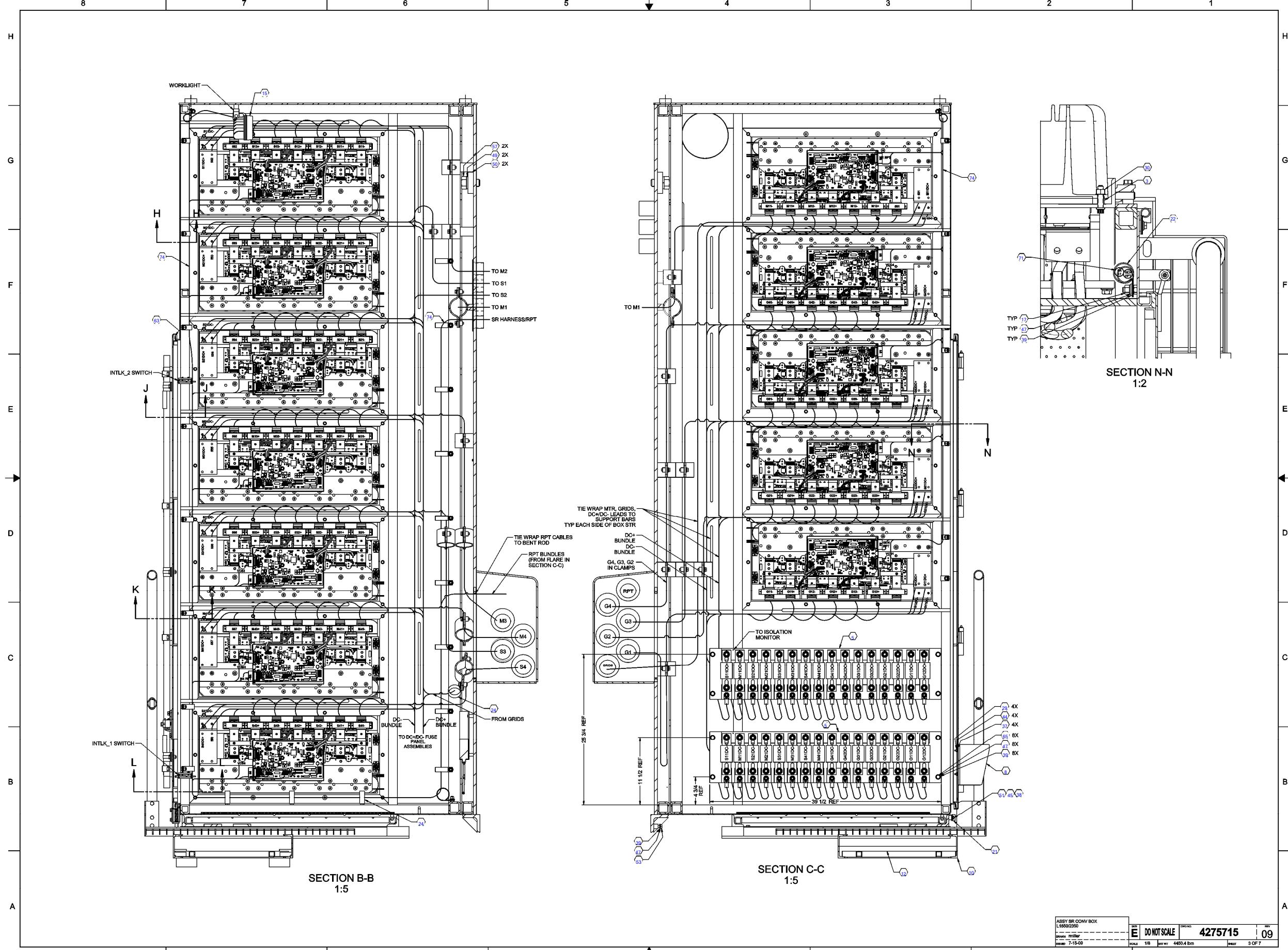
HIGH VOLTAGE CABINET ASSEMBLY

HIGH VOLTAGE CABINET ASSEMBLY



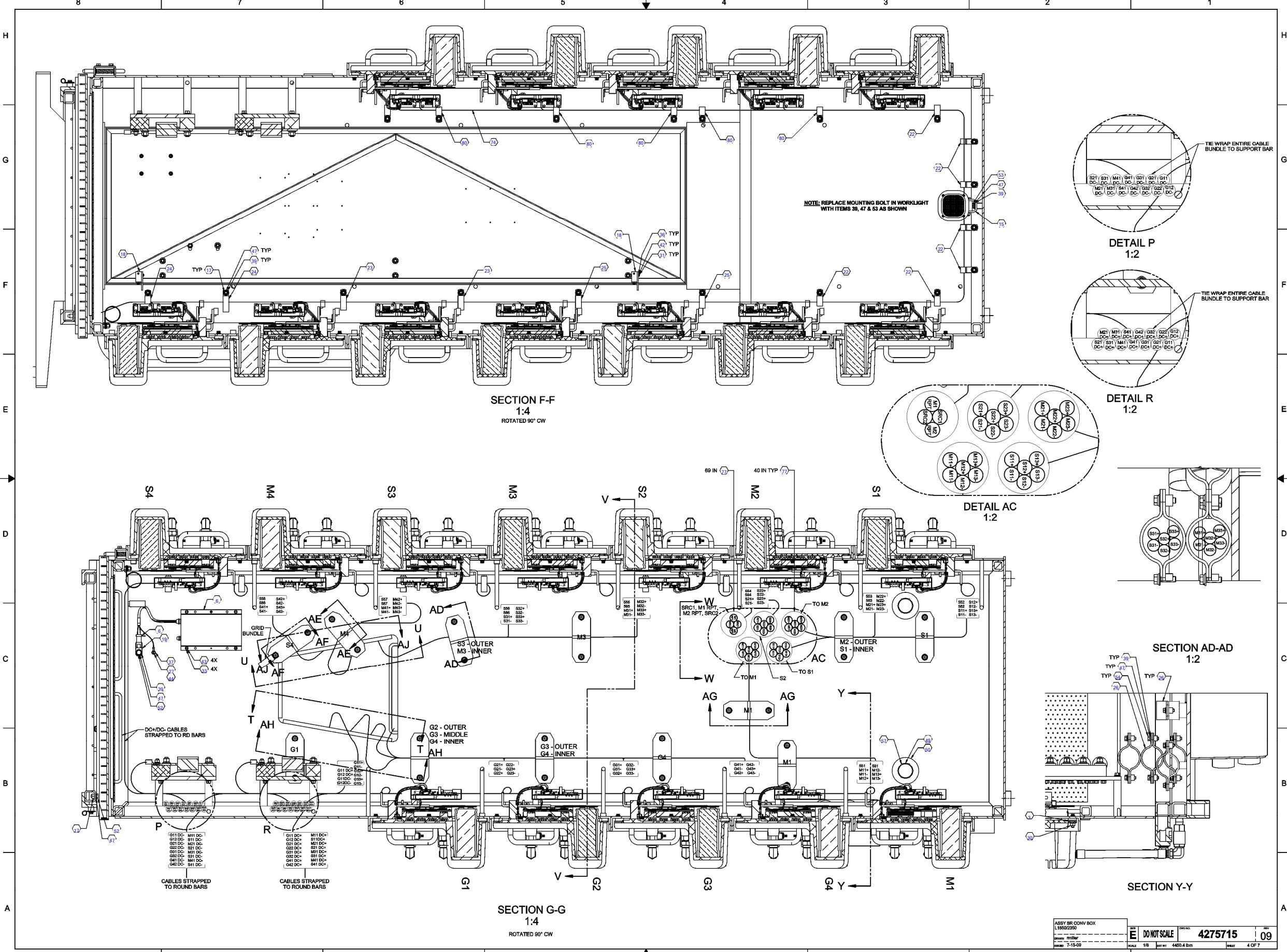
HIGH VOLTAGE CABINET ASSEMBLY

HIGH VOLTAGE CABINET ASSEMBLY



HIGH VOLTAGE CABINET ASSEMBLY

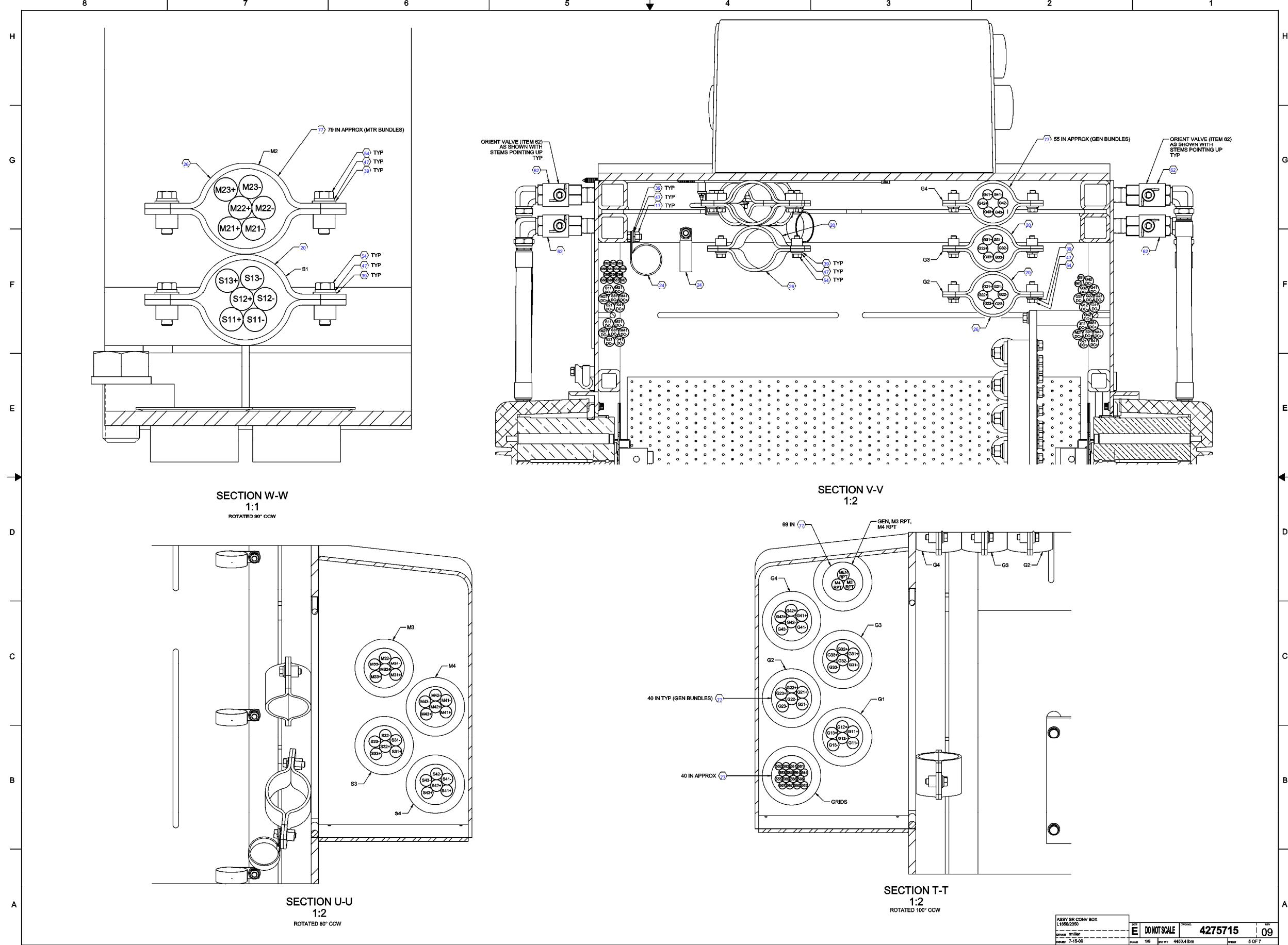
HIGH VOLTAGE CABINET ASSEMBLY



ASSEMBLY CONV BOX
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REVISED: 7-15-09
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WEIGHT: 4460.4 lbm
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4275715 09

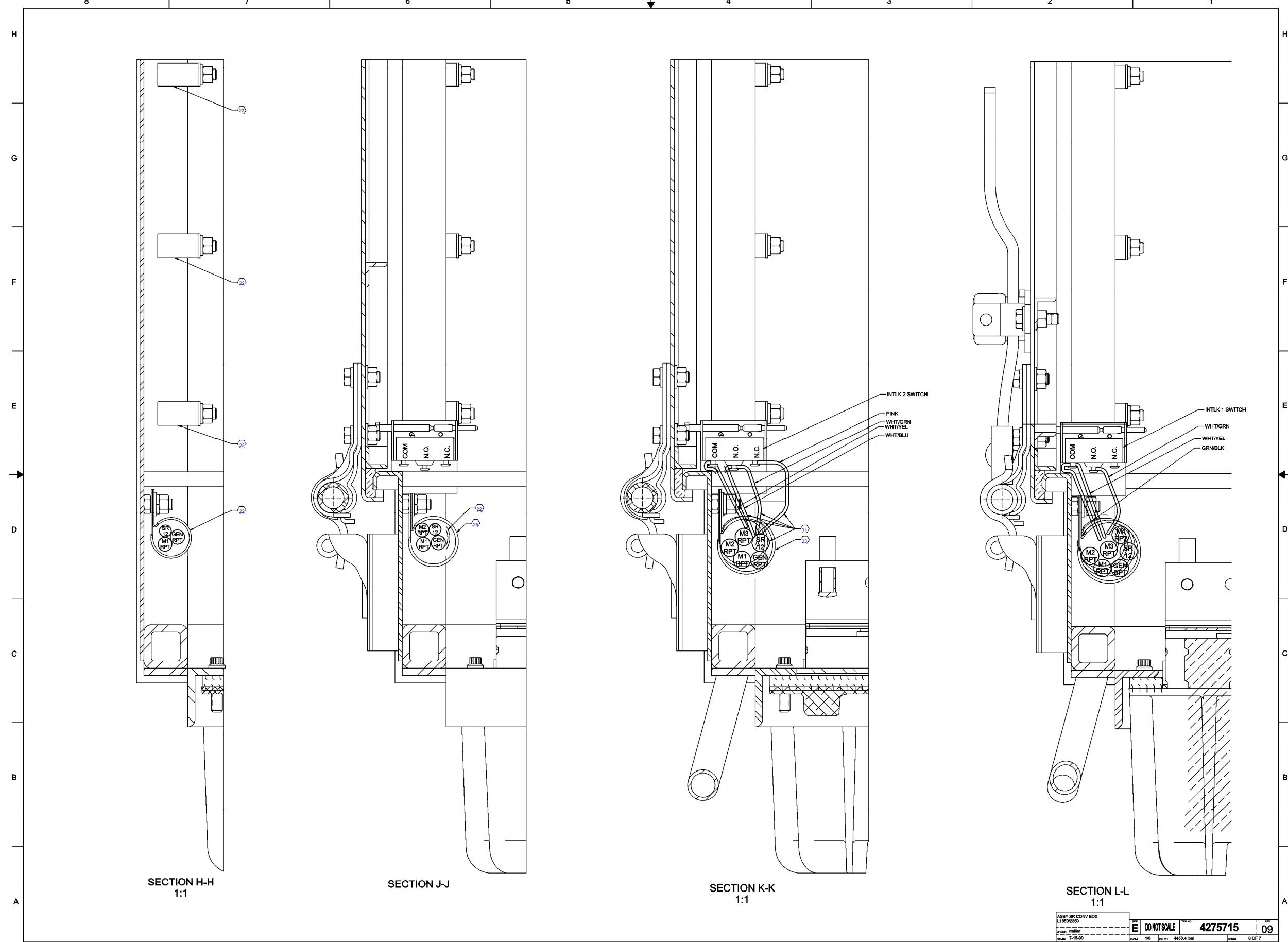
HIGH VOLTAGE CABINET ASSEMBLY

HIGH VOLTAGE CABINET ASSEMBLY



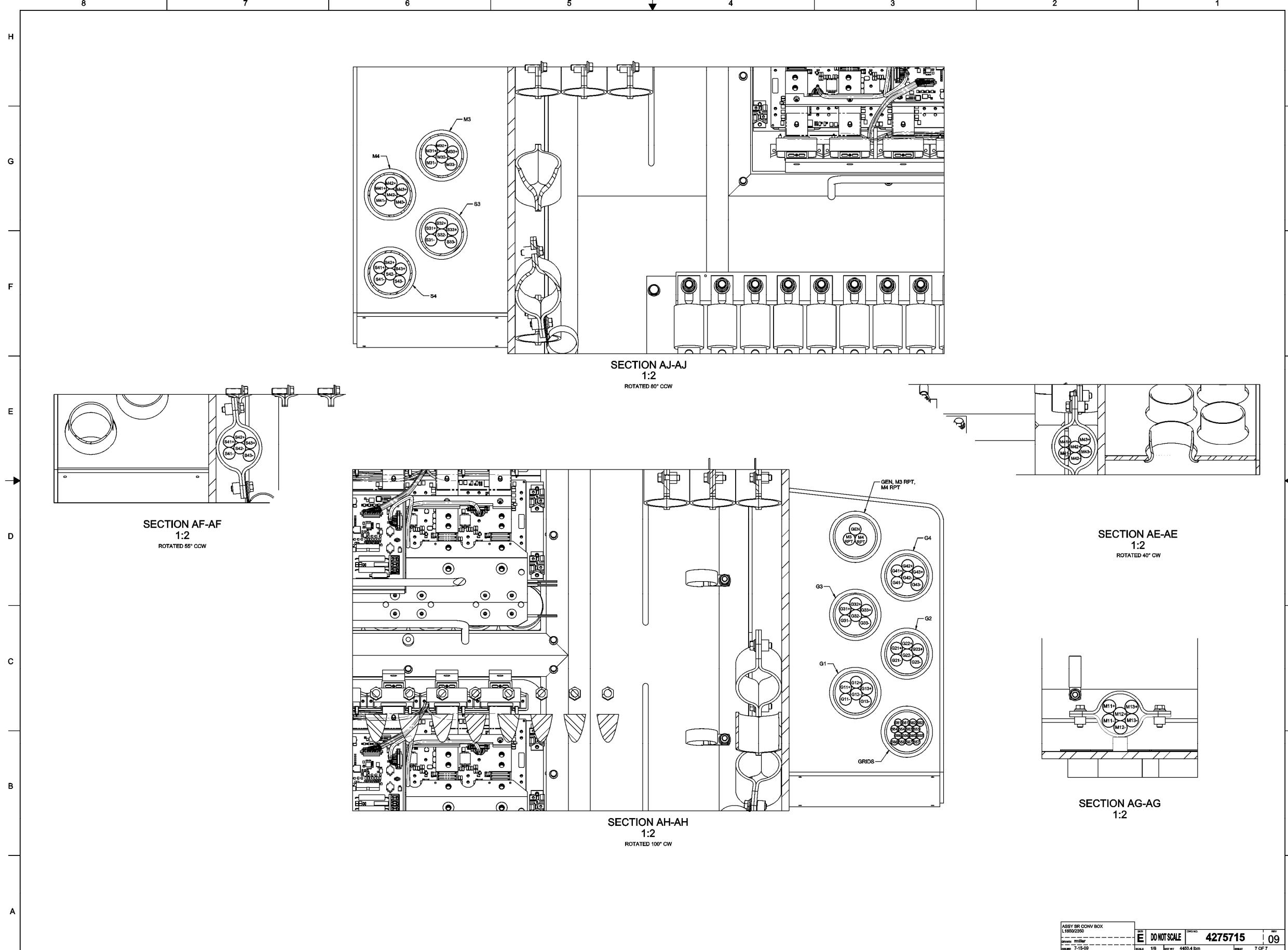
HIGH VOLTAGE CABINET ASSEMBLY

HIGH VOLTAGE CABINET ASSEMBLY



HIGH VOLTAGE CABINET ASSEMBLY

HIGH VOLTAGE CABINET ASSEMBLY



ASSEMBLY DRAWING
L1400202
DRAWN BY: [REDACTED]
REVISED: 7-15-09
SCALE: 1/8 INCH = 4460.4 mm
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HIGH VOLTAGE CABINET ASSEMBLY

**L-2350-2242 PARTS MANUAL
HIGH VOLTAGE CABINET ASSEMBLY**

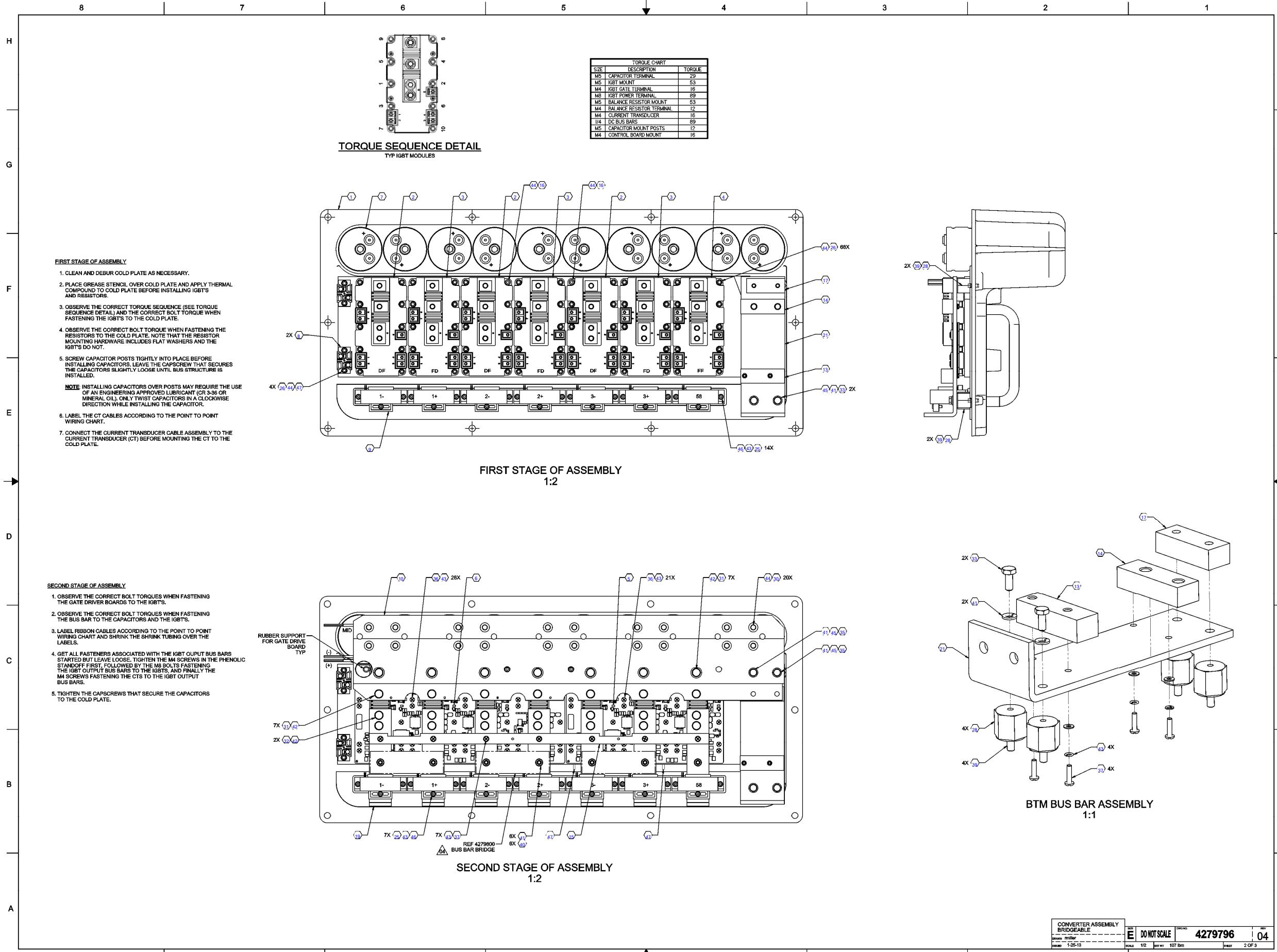
Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4275715			HIGH VOLTAGE CABINET ASSEMBLY		
1	R4267801	1		· HIGH VOLTAGE CABINET BOX STRUCTURE		
	R4267807	1		· · DOOR PANEL		
	R4062579	4		· · HINGE EYE STRUCTURE - WELDED ON DOOR		
	R4273188	4		· · HINGE PIN BLOCK - WELDED ON CABINET		
	R0020315	4		· · FITTING, GREASE - 1/8" MP		
	R4012927	4		· · COUPLING, PIPE - HALF 1/8" FP - WELDED ON HINGE		
	R4238834	1		· · LATCH KIT, MULTI POINT		
	R4238826	1		· · CAM, MULTI POINT LATCH		
	R4238878	1		· · KEEPER, MULTI POINT LATCH		
	R4238833	1		· · TUBE, MULTI POINT LATCH		
2	R4279796	12		· CONVERTER ASSEMBLY, BRIDGEABLE (PAGE 5.17-5.17B)		12/6/17
3	R4259174	12		· GASKET, CONVERTER		
4	N.P.N.			· NOT USED		
5	R4267795	2		· FUSE PANEL ASSEMBLY, 8MOTOR 4GEN		
	R4259194	16		· · FUSE, 450A 700V - SEMICONDUCTOR		
6	R4259354	1		· ISOLATION MONITOR ASSEMBLY		12/6/17
7	R4274515	1		· PUSHBUTTON ASSEMBLY, E-STOP		
8	R4258526	1		· GUARD STRUCTURE, EMERGENCY STOP		
9	R4269414	1		· HANDRAIL STRUCTURE, SLIDE OUT PLATFORM		
10	R4269410	1		· PLATFORM STRUCTURE, SLIDE/STEP		
11	R4274252	1		· PLATFORM STRUCTURE, SLIDE OUT		
12	R4267760	1		· LADDER STRUCTURE		
13	N.P.N.			· NOT USED		
14	N.P.N.			· NOT USED		
15	R4258790	1		· LAMP ASSEMBLY, WORK - LED, 9-32V		
16	R4009626	6		· BOLT, 5/16"-18 X 1"		
17	R0812921	33		· NUT, 3/8"-16		
18	R4060928	2		· SWITCH, DOOR INTERLOCK		
19	R4259249	1		· MOUNTING BRACKET		
20	R4250840	5		· CLAMP HALVES STRUCTURE, 3"		12/6/17
21	R4153802	5		· CLAMP, CABLE - INSULATED, 1/2"		
22	R0986144	8		· CLAMP, CABLE - INSULATED, 1-1/4"		12/6/17
23	R0986146	2		· CLAMP, CABLE - INSULATED, 1-3/4"		
24	R4014475	16		· CLAMP, CABLE - INSULATED, 2"		
25	R0986145	2		· CLAMP, CABLE - INSULATED, 1-1/2"		12/6/17
26	R0987618	12		· CLAMP HALF, 3" O.D.		
27	R4012631	1		· SCREW, #10-32 X 7/16"		
28	R0819903	2		· NUT, #8-32		
29	R0230017	4		· NUT, #10-32		
30	R4255295	120		· LOCKNUT, 3/8"-16 - EXTERNAL, TOOTH		
31	R0260712	4		· SCREW, #6-32 X 7/16" - P.H.		
32	R4012415	2		· SCREW, #8-32 X 1"		
33	R4010283	4		· SCREW, #10-32 X 1/2" - P.H.		
34	R0264174	6		· LOCKWASHER, 5/16"		
35	R0182170	4		· SCREW, #10-32 X 1" - P.H.		
36	R0725125	4		· FLATWASHER, #6		
37	R0810880	5		· FLATWASHER, #10		
38	R4010923	5		· FLATWASHER, 1/4"		
39	R0808221	77		· FLATWASHER, 3/8"		
40	N.P.N.			· NOT USED		
41	N.P.N.			· NOT USED		
42	R4010914	4		· LOCKWASHER, #6 - EXTERNAL, TOOTH		
43	R0182634	4		· LOCKWASHER, #10 - EXTERNAL, TOOTH		
44	R4010907	5		· LOCKWASHER, #10		
45	R0213584	5		· LOCKWASHER, 1/4"		

**L-2350-2242 PARTS MANUAL
HIGH VOLTAGE CABINET ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
46	N.P.N.			• NOT USED		
47	R0753123	78		• LOCKWASHER, 3/8"		
48	N.P.N.			• NOT USED		
49	R0021545	2		• LOCKWASHER, 1-1/4"		
50	R4250473	2		• RETAINING WASHER, BOX MOUNT		
51	R0812278	5		• BOLT, 1/4"-20 X 5/8"		
52	R0810970	2		• BOLT, 3/8"-16 X 3/4"		
53	R0810971	2		• BOLT, 3/8"-16 X 1"		
54	R0808476	34		• BOLT, 3/8"-16 X 1-1/4"		
55	N.P.N.			• NOT USED		
56	R4274249	3		• LATCH, SPRING		
57	R4009540	2		• BOLT, 1-1/4"-7 X 2-1/4"		
58	N.P.N.			• NOT USED		
59	R4013080	24		• ADAPTER, #8 MO X #12 MJ		
60	R4002481	24		• ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
61	R4002441	24		• ELBOW, 3/4" MP X 90 deg. X #12 MJ		
62	R4278368	24		• VALVE, DRAIN - 3/4"		
63	R4267818	18	FT	• SEAL, SPONGE - 1" X 3/8"		
64	N.P.N.			• NOT USED		
65	R4009640	8		• BOLT, 3/8"-16 X 1-1/2"		
66	N.P.N.			• NOT USED		
67	R4265811	24		• ROD, THREADED - 7" X 3/8"-16		
68	N.P.N.			• NOT USED		
69	R4262074	12		• HOSE ASSEMBLY, #12 X 11"		
70	R4262075	12		• HOSE ASSEMBLY, #12 X 13-3/8"		
71	R4269377	1		• HARNESS, CONVERTER SR		
72	N.P.N.			• NOT USED		12/6/17
73	N.P.N.			• NOT USED		12/6/17
74	R4018728	100		• CABLE TIE, 4"		
75	N.P.N.			• NOT USED		12/6/17
76	N.P.N.			• NOT USED		12/6/17
77	R4148481	200	FT	• RUBBER SHIELD, NEOPRENE - 1/16" X 5"		
78	R4069344	200		• CABLE TIE, 4"		
79	R4274294	1		• LEAD DETAIL		
80	R4180574	5		• CLAMP, CABLE - INSULATED, 1" - HIGH TEMPERATURE		12/6/17
81	R4103739	1		• SEALANT, HYDRAULIC - LOCTITE #569-31		12/6/17
	R4276126	REF		SR COOLER PLUMBING GROUP (PAGE 5.36-5.36A)		
		REF		DRAWING, HIGH VOLTAGE CABINET ASSEMBLY (R427571509)		12/6/17

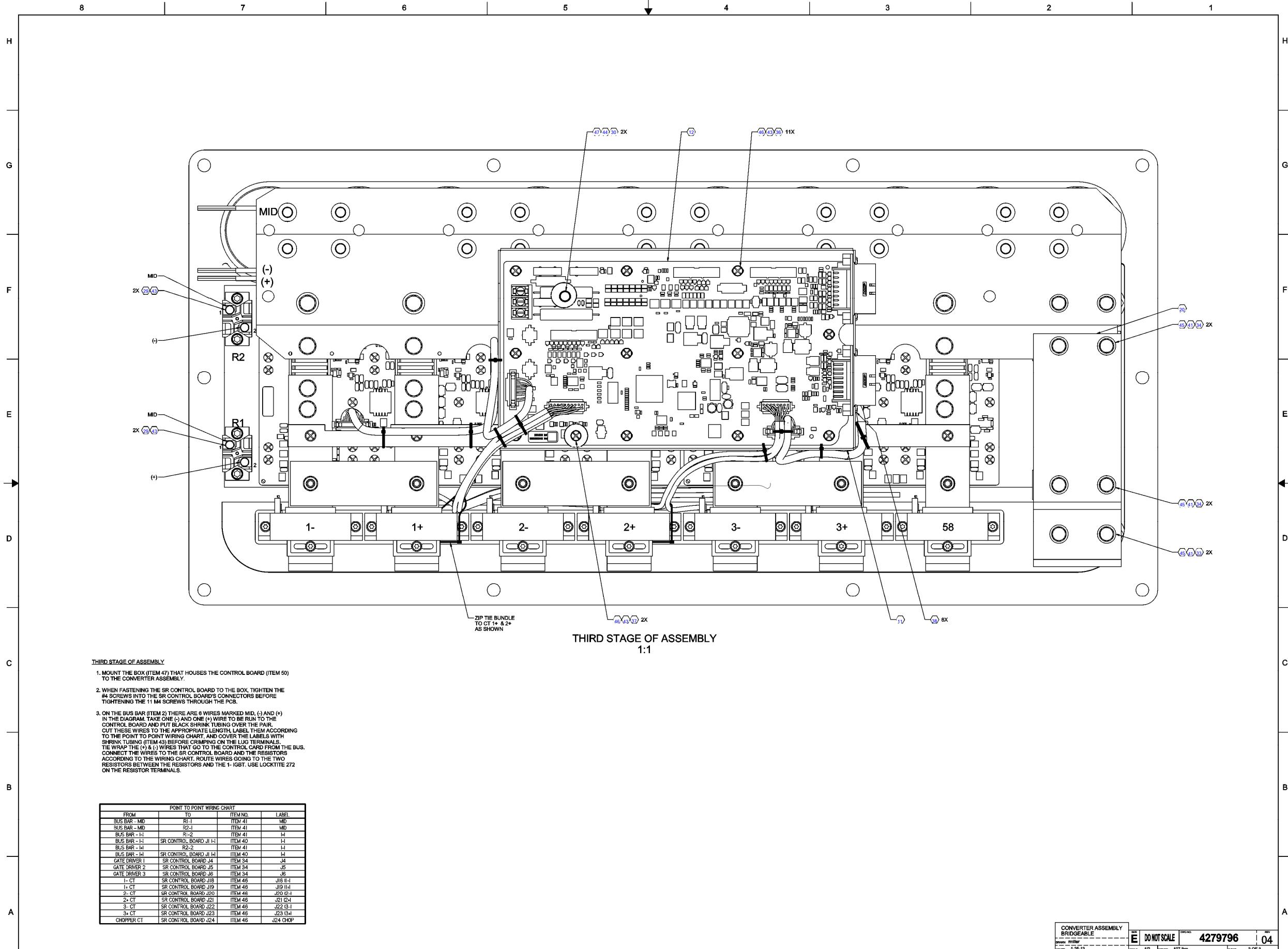
CONVERTER ASSEMBLY

CONVERTER ASSEMBLY



CONVERTER ASSEMBLY

CONVERTER ASSEMBLY



CONVERTER ASSEMBLY

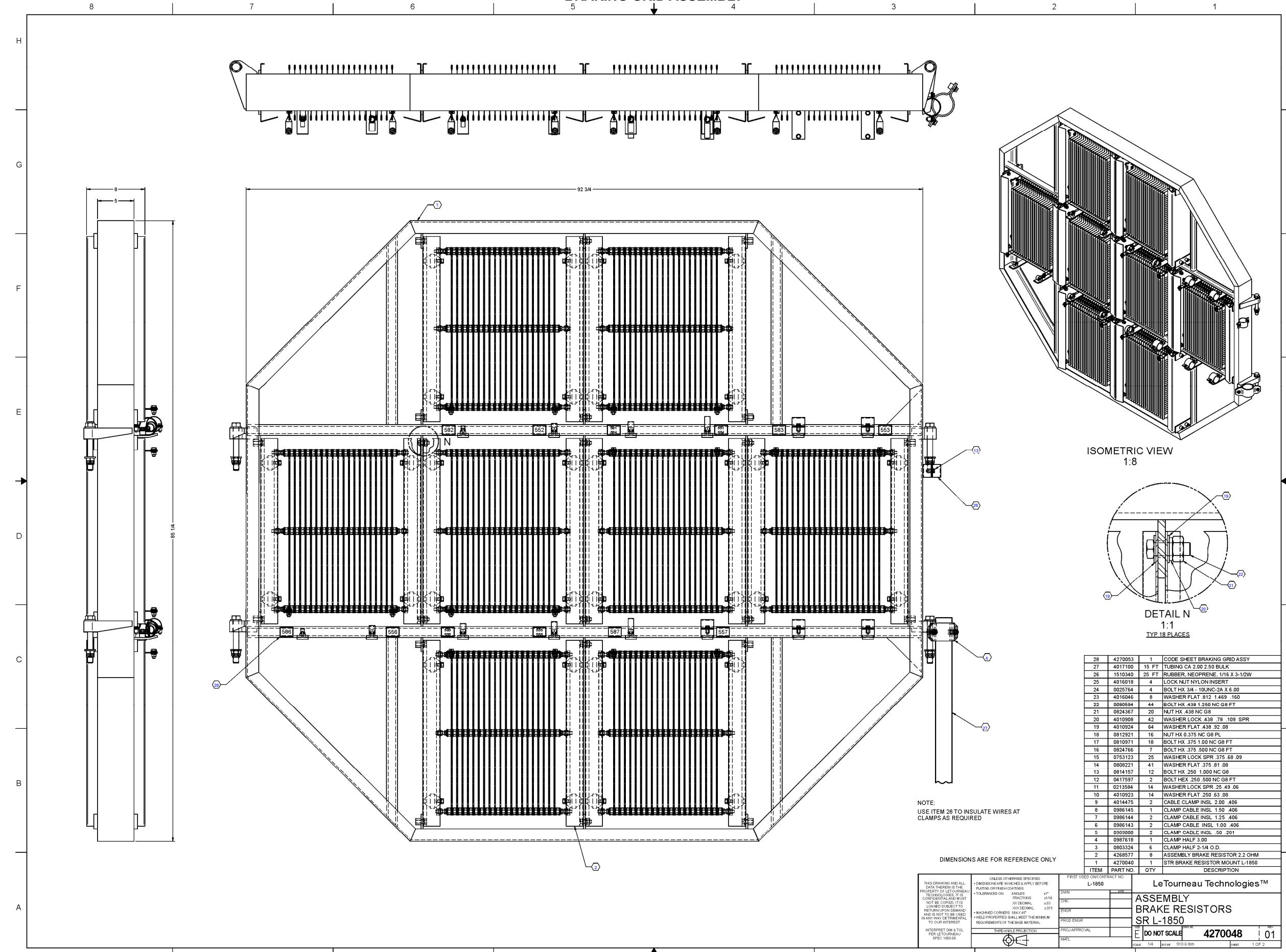
**L-2350-2242 PARTS MANUAL
CONVERTER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4279796		CONVERTER ASSEMBLY, BRIDGEABLE		
1	R4278384	1	· HOUSING STRUCTURE, CONVERTER		
2	R4269431	3	· IGBT, 900A1200A LOW SIDE CHOPPER		
3	R4269432	3	· IGBT, 900A1200A HI SIDE CHOPPER		
4	R4274285	1	· IGBT, 900A1200A HALF BRIDGE		
5	R4279831	1	· PRIMEPACK GATE DRIVER 3 IGBT		
6	R4279832	1	· PRIMEPACK GATE DRIVER 4 IGBT		
7	R4258683	10	· CAPACITOR, 6000uF WITH STUD		
8	R4259147	2	· RESISTOR, POWER SERIES HPS 150		
9	R4258686	7	· TRANSDUCER, CURRENT - HAT 600-S		
10	R4272146	1	· BUS BAR ASSEMBLY		
11	R4259289	1	· BOX, CONVERTER PANEL - PCB MOUNT		
12	R4279833	1	· CONTROL BOARD, INFINITY		
13	R4272152	1	· STANDOFF, BUS BAR PHENOLIC		
14	R4259222	1	· STANDOFF, BUS BAR PHENOLIC		
15	R4274297	1	· STANDOFF, IGBT BUS BAR		
16	R4272646	2	· STANDOFF, 8MM HEX		
17	R4259215	1	· SPACER BLOCK, BUS BAR		
18	N.P.N.		· NOT USED		
19	R4279799	7	· BUS BAR, IGBT OUTPUT W/INSERT		
20	R4272151	1	· BUS BAR, DC TOP		
21	R4272150	1	· BUS BAR, DC BOTTOM		
22	R4259191	1	· GREASE, THERMAL		
23	N.P.N.		· NOT USED		
24	N.P.N.		· NOT USED		
25	R4275668	21	· CAPSCREW, 4MM -.70 x 12MM - SOCKET HEAD		
26	R4259176	72	· CAPSCREW, 5MM -.80 x 12MM		
27	N.P.N.		· NOT USED		
28	R4041223	4	· INSULATOR, CENTER POST		
29	R4259282	4	· BOLT, 4MM X 6MM		
30	R4259182	22	· BOLT, 5MM -.80 X 12MM - S.S.		
31	R4264463	14	· BOLT, 8MM -1.25 X 16MM		
32	R4259175	14	· BOLT, 8MM -1.25 X 20MM		
33	R4105638	2	· BOLT, 1/4"-20 X 5/8" - S.S.		
34	R4105641	4	· BOLT, 1/4"-20 X 1" - S.S.		
35	R4265104	2	· BOLT, 1/4"-20 X 1-1/2" - S.S.		
36	R4264497	60	· SCREW, 4 MM X .70MM		
37	R4259295	13	· SCREW, 4MM -.70 x 16MM		
38	R4259297	8	· SCREW, #4 -24 x 3/8"		
39	R4016009	4	· SCREW, 1/4"-20 X 3/4"		
40	R4012935	7	· NUT, 1/4"-20		
41	R0213584	15	· LOCKWASHER, 1/4"		
42	R4259177	28	· LOCKWASHER, 8MM - S.S.		
43	R4259178	98	· LOCKWASHER, 4MM - S.S.		
44	R4259193	96	· LOCKWASHER, 5MM - S.S.		
45	R4010923	8	· FLATWASHER, 1/4"		
46	R4264464	38	· FLATWASHER, M4		
47	R4259338	6	· FLATWASHER, 5MM -S.S.		
48	R4018725	5	· CABLE TIE, 4" - BENT TIP/BLACK		
49	R4018726	5	· CABLE TIE		
50	R4018727	7	· CABLE TIE		
51	R4019411	2	· WIRE TERMINAL, #16-14 AWG		
52	R4019412	4	· WIRE TERMINAL, RT 22 16 #8 INS.		
53	R4001297	1	· TUBING, HEAT SHRINK, BLACK - 1/8"		
54	R4170160	1	· TUBING, HEAT SHRINK, CLEAR - 1/8"		
55	R4279834	1	· ADHESIVE, LOCTITE 263		
56	R4279837	2	· HARNESS, RIBBON - 11"		
57	R4279840	1	· CABLE ASSEMBLY, LOW SIDE CURRENT TRANSDUCER		

**L-2350-2242 PARTS MANUAL
CONVERTER ASSEMBLY**

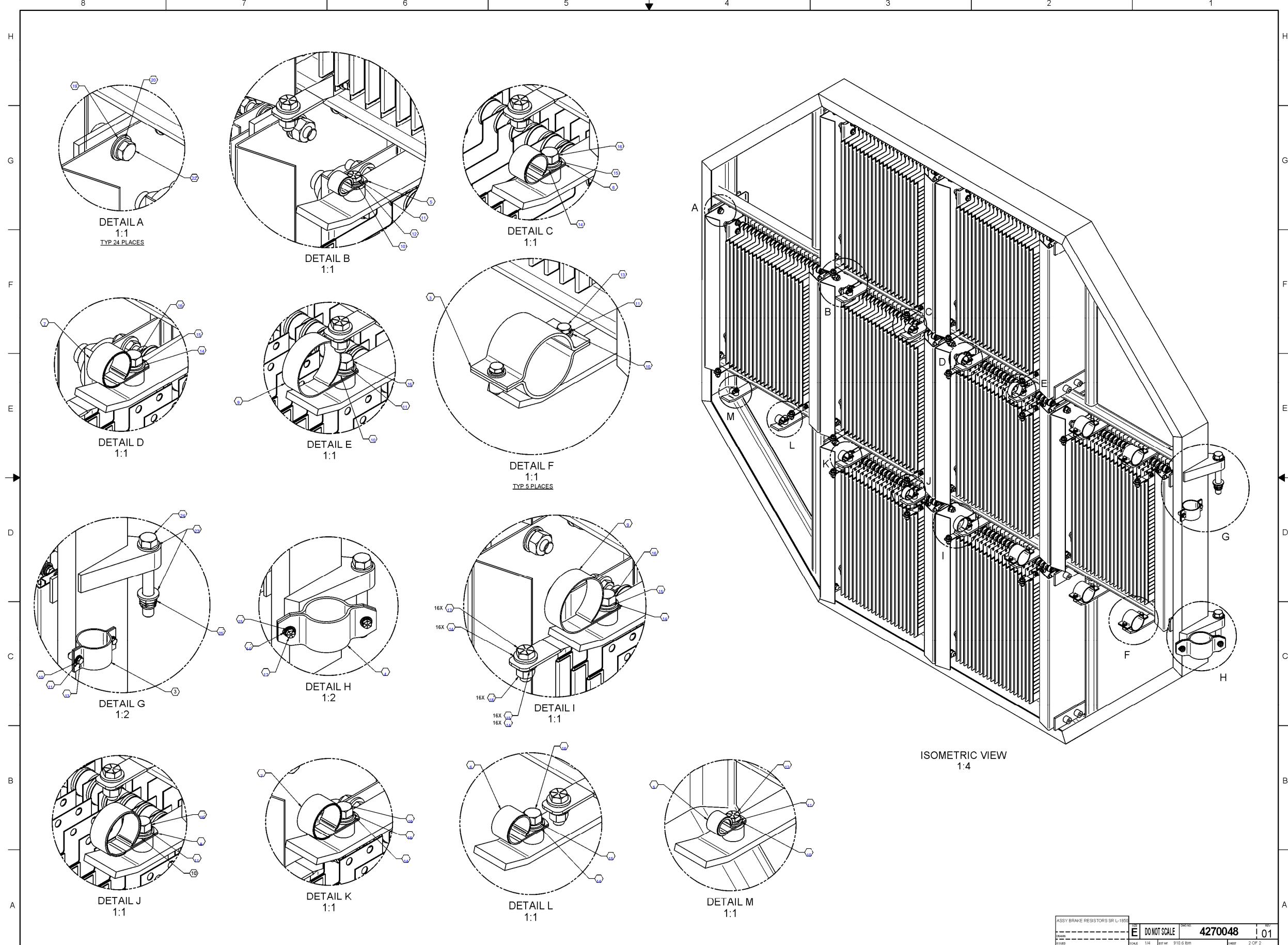
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
58	R4279841	1	· CABLE ASSEMBLY, HIGH SIDE CURRENT TRANSDUCER		
			DRAWING, CONVERTER ASSEMBLY (R427979604)		

BRAKING GRID ASSEMBLY



BRAKING GRID ASSEMBLY

BRAKING GRID ASSEMBLY



BRAKING GRID ASSEMBLY

**L-2350-2242 PARTS MANUAL
BRAKING GRID ASSEMBLY**

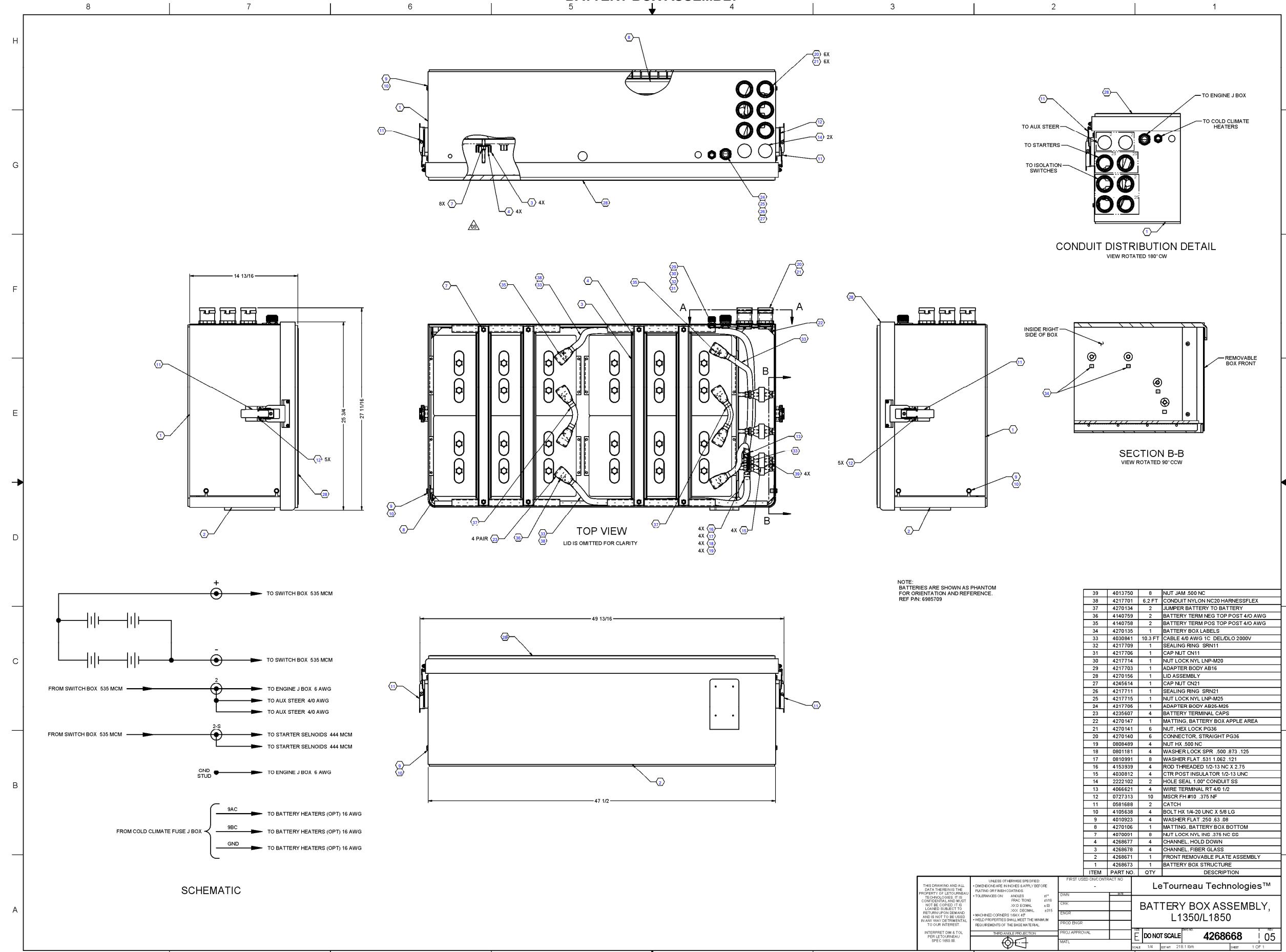
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270048		BRAKING GRID ASSEMBLY		4/11/16
1	R4270040	1	· MOUNTING STRUCTURE, BRAKE RESISTOR		
2	R4268577	8	· RESISTOR ASSEMBLY, BRAKE		
	R4281714	32	· · INSULATOR, CENTER POST		4/11/16
3	R0803324	6	· CLAMP HALF, 2-1/4" O.D.		
4	R0987618	1	· CLAMP HALF, 3" O.D.		
5	R0989000	2	· CLAMP, CABLE - INSULATED, 1/2"		
6	R0986143	2	· CLAMP, CABLE - INSULATED, 1"		
7	R0986144	2	· CLAMP, CABLE - INSULATED, 1-1/4"		
8	R0986145	1	· CLAMP, CABLE - INSULATED, 1-1/2"		
9	R4014475	2	· CLAMP, CABLE - INSULATED, 2"		
10	R4010923	14	· FLATWASHER, 1/4"		
11	R0213584	14	· LOCKWASHER, 1/4"		
12	R0417597	2	· BOLT, 1/4"-20 X 1/2"		
13	R0814157	12	· BOLT, 1/4"-20 X 1"		
14	R0808221	41	· FLATWASHER, 3/8"		
15	R0753123	25	· LOCKWASHER, 3/8"		
16	R0824766	7	· BOLT, 3/8"-16 X 1/2"		
17	R0810971	18	· BOLT, 3/8"-16 X 1"		
18	R0812921	16	· NUT, 3/8"-16		
19	R4010924	64	· FLATWASHER, 7/16"		
20	R4010908	42	· LOCKWASHER, 7/16"		
21	R0824367	20	· NUT, 7/16"-14		
22	R0080594	44	· BOLT, 7/16"-14 X 1-1/4"		
23	R4016046	8	· FLATWASHER, 3/4" X 1-1/2" X 1/8"		
24	R0025764	4	· BOLT, 3/4"-10 X 6"		
25	R4016018	4	· LOCKNUT, 3/4"-10 - NYLON		
26	R1510340	25	· RUBBER SHIELD, NEOPRENE - 1/16" X 3-1/2"		
27	N.P.N.		· NOT USED		5/6/13
28	R4270053	1	· CODE SHEET		
		REF	DRAWING, BRAKING GRID ASSEMBLY (R427004801)		

**L-2350-2242 PARTS MANUAL
BRAKING GRID ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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BATTERY BOX ASSEMBLY



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5.22A.1|R4268668

BATTERY BOX ASSEMBLY

**L-2350-2242 PARTS MANUAL
BATTERY BOX ASSEMBLY**

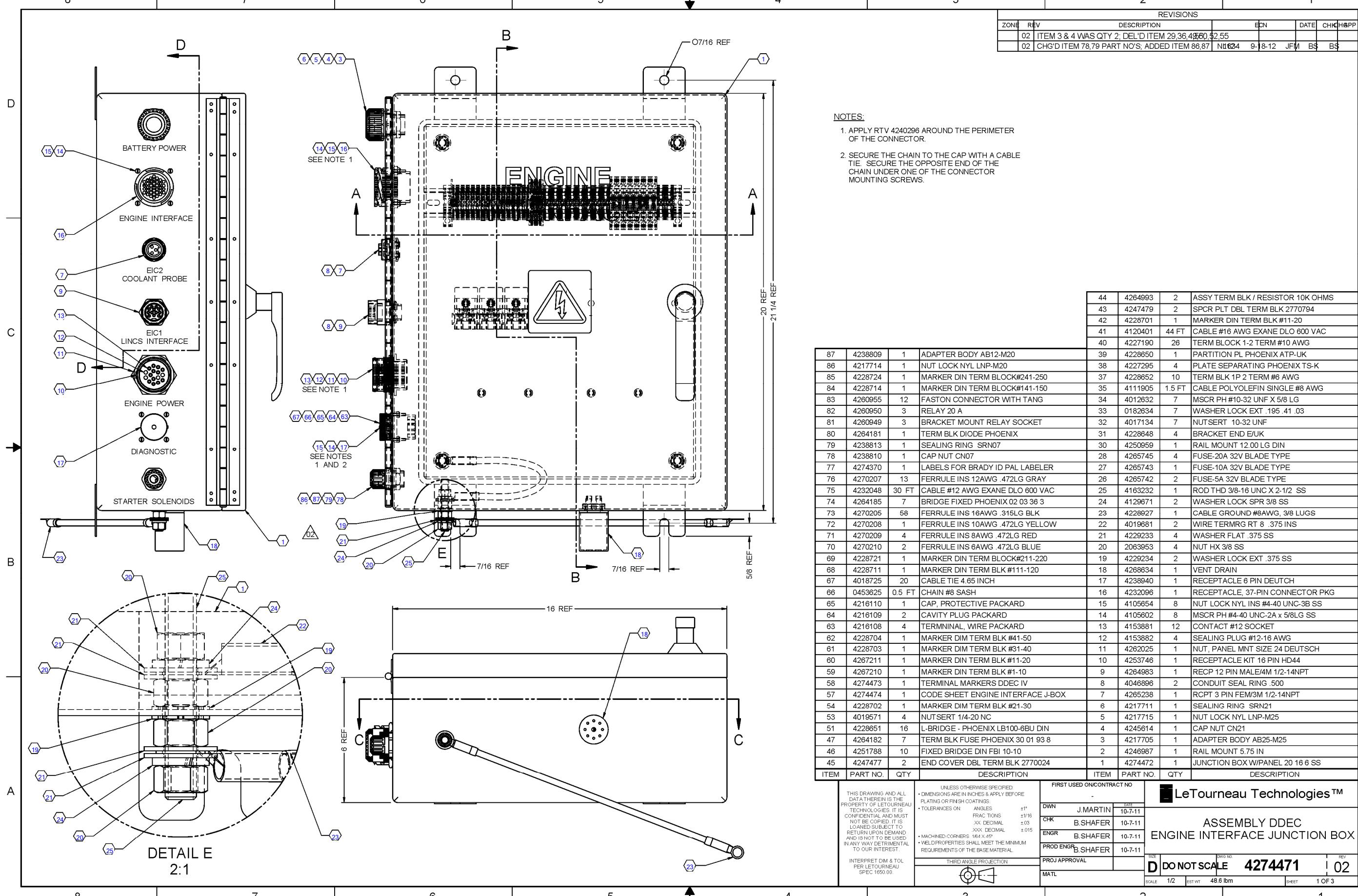
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4268668		BATTERY BOX ASSEMBLY		
1	R4268673	1	· BOX STRUCTURE, BATTERY		
2	R4268671	1	· BATTERY BOX OUTSIDE PANEL - REMOVABLE		
3	R4268678	4	· CHANNEL, FIBER GLASS		
4	R4268677	4	· CHANNEL, BATTERY HOLD DOWN		
5	N.P.N.		· NOT USED		
6	N.P.N.		· NOT USED		
7	R4070091	8	· LOCKNUT, 3/8"-16 - S.S., NYLON		
8	R4270106	1	· MAT, RUBBER - 3/8" X 22-1/2" X 50"		
9	R4010923	4	· FLATWASHER, 1/4"		
10	R4105638	4	· BOLT, 1/4"-20 X 5/8" - S.S.		
11	R0581688	2	· LATCH ASSEMBLY		
12	R0727313	10	· SCREW, #10 X 3/8"		
13	R4066621	4	· TERMINAL, WIRE - RT 4/0 1/2		
14	R2222102	2	· PLUG, HOLE - 1", S.S.		
15	R4030812	4	· INSULATOR, CENTER POST - 1/2"-13, 2" O.D. X 2-1/4"		
16	R4153939	4	· ROD, THREADED - 1/2"-13 X 2-3/4"		
17	R0810991	8	· FLATWASHER, 1/2" X 1" X 1/8"		
18	R0801181	4	· LOCKWASHER, 1/2"		
19	R0808489	4	· NUT, 1/2"-13		
20	R4270140	6	· CONNECTOR, STRAIGHT PG36		
21	R4270141	6	· LOCKNUT, CONDUIT		
22	R4270147	1	· MAT, RUBBER - 3/8" X 4-7/8" X 24"		
23	R4235607	4	· CAPS, BATTERY TERMINAL		
24	R4217705	1	· ADAPTER BODY		
25	R4217715	1	· LOCKNUT, NYLON - LNP-M25		
26	R4217711	1	· RING, SEALING - SRN21		
27	R4245614	1	· NUT, CAP - CN21		
28	R4270156	1	· COVER ASSEMBLY, BATTERY BOX		
	R4270109	1	· · COVER FRAME STRUCTURE		
	R4268472	1	· · SAFETY-WALK, SLIP RESISTANT - BLACK, 24" X 30' ROLL		
	R4270337	4	· · STRIKER CLIP		
	R0819905	4	· · SCREW, #10-24 X 3/4"		
	R4016013	4	· · LOCKNUT, #10-24 - NYLON		
29	R4217703	1	· ADAPTER BODY		
30	R4217714	1	· LOCKNUT, NYLON - LNP-M20		
31	R4217706	1	· NUT, CAP - CN11		
32	R4217709	1	· RING, SEALING - SRN11		
33	R4030841	11	· CABLE, #4/0 AWG - SINGLE DEL		
34	R4270135	1	· LABELS, BATTERY BOX		
35	R4140758	2	· TERMINAL, BATTERY - #4 - POS.		
36	R4140759	2	· TERMINAL, BATTERY - #4 - NEG.		
37	R4270134	2	· JUMPER CABLE, BATTERY TO BATTERY		
38	R4217701	7	· CONDUIT, NYLON - NC20		
39	R4013750	8	· JAMNUT, 1/2"-13		
	R6985709	REF	BATTERY, 12V WET	4	
		REF	DRAWING, BATTERY BOX ASSEMBLY (R426866805)		

**L-2350-2242 PARTS MANUAL
BATTERY BOX ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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ENGINE INTERFACE BOX ASSEMBLY

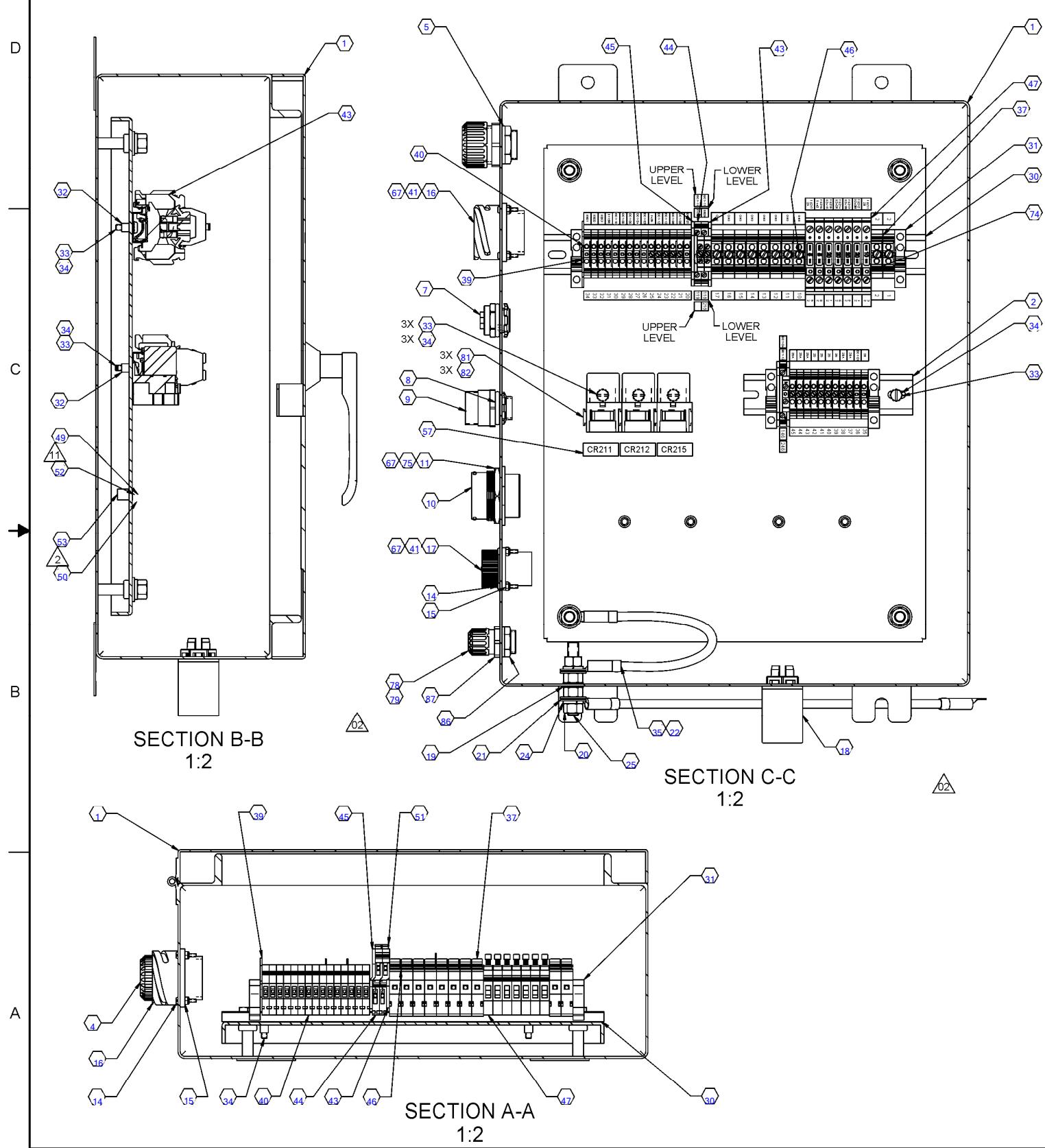


ENGINE INTERFACE BOX ASSEMBLY

ENGINE INTERFACE BOX ASSEMBLY

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REV		DESCRIPTION	ECN	DATE	CHG	HAPP
02		DEL'D SOLENOIDS & HARDWARE AT SECT. C-C;				
02		ADDED ITEM 86.87 AT SECT C-C & CIRCUIT AT CR110241634	9-18-12	JFM	BS	BS



ENGINE SIDE ENGINE INTERFACE CONNECTOR (37 PIN)

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G

H

P

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N

P

A

B

C

E

2S

RD

BU

GN

10K

10K

EIC1-11

WH

EIC1-07

BU/BK

EIC1-05

G/BK

EIC1-12

BK

EIC1-01

OG

2

10A

FU211

2B

GND

2

2S

GND

2

2S

CR212

30

87

4L

#10 AWG

TO STARTER MOTOR SOLENOIDS

ENGINE POWER CONNECTOR (16 PIN)

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J

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A

B

C

D

P

R

S

D240M

FU212 20A

2

D241M

FU213 20A

2

D240R

FU214 20A

2

D241R

FU215 20A

2

D440

FU216 5A

2

D150M

GND

2

D150M

GND

2

D150R

GND

2

D150R

GND

2

D151

GND

2

D953

GND

2

D150R

GND

2

ASSEMBLY DDEC ENGINE INTERFACE JUNCTION BOX

J.MARTIN

10-7-11

ISSUED

100.00

REV

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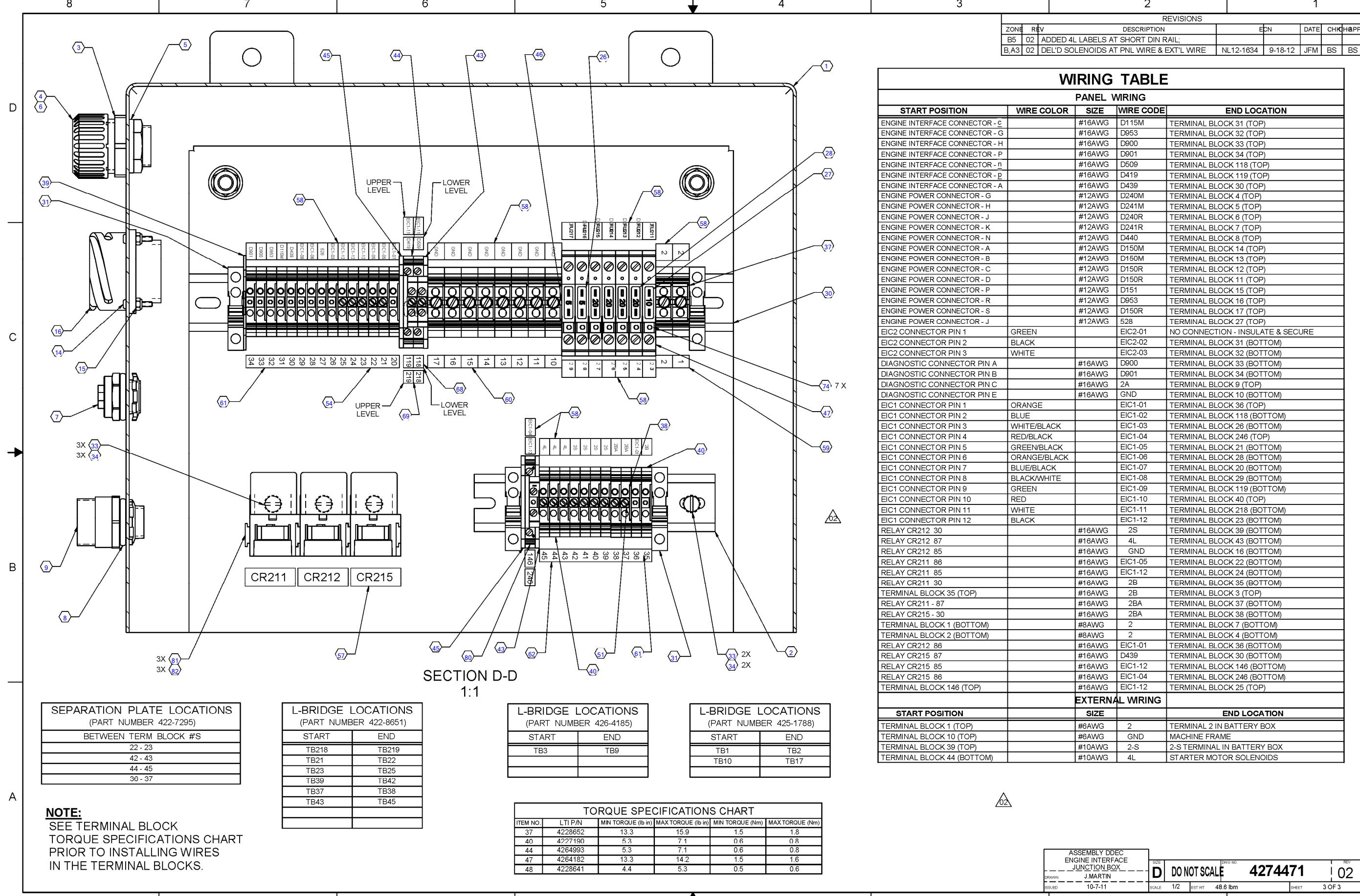
02

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ENGINE INTERFACE BOX ASSEMBLY

ENGINE INTERFACE BOX ASSEMBLY



ENGINE INTERFACE BOX ASSEMBLY

**L-2350-2242 PARTS MANUAL
ENGINE INTERFACE BOX ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4274471			ENGINE INTERFACE BOX ASSEMBLY - DDEC		
1	R4274472	1		• JUNCTION BOX WITH PANEL		
2	R4246987	1		• RAIL MOUNT, 5-3/4" DIN		
3	R4217705	1		• ADAPTER BODY		
4	R4245614	1		• NUT, CAP - CN21		
5	R4217715	1		• LOCKNUT, NYLON - LNP-M25		
6	R4217711	1		• RING, SEALING - SRN21		
7	R4265238	1		• RECEPTACLE, 3 PIN - FEMALE		
8	R4046896	2		• RING, SEALING - 1/2" - CONDUIT		
9	R4264983	1		• RECEPTACLE, 12 PIN - MALE		
10	R4253746	1		• RECEPTACLE, 16 PIN HD44		
11	R4262025	1		• NUT, PANEL MNT SIZE 24 DEUTSCH		
12	R4153882	4		• PLUG, SEALING - #12-16 AWG		
13	R4153881	12		• CONTACT, #12 SOCKET		
14	R4105602	8		• SCREW, #4-40 X 5/8" - P.H., S.S.		
15	R4105654	8		• LOCKNUT, #4-40 - S.S., NYLON		
16	R4232096	1		• RECEPTACLE, 37 PIN CONNCTR KIT		
17	R4238940	1		• RECEPTACLE, 6 PIN DEUTSCH HD10		
18	R4268634	1		• BREATHER/DRAIN, S.S.		
19	R4229234	2		• LOCKWASHER, 3/8" - S.S.		
20	R2063953	4		• NUT, 3/8"-16 - S.S.		
21	R4229233	4		• FLATWASHER, 3/8" - S.S.		
22	R4019681	2		• TERMINAL, WIRE - #8 - 3/8" INS		
23	R4228927	1		• CABLE, GROUND - #8AWG 3/8 LUGS		
24	R4129671	2		• LOCKWASHER, 3/8" - S.S.		
25	R4163232	1		• ROD, THREADED - 3/8"-16 X 2-1/2" S.S.		
26	R4265742	2		• FUSE, 5A 32V - BLADE TYPE TAN		
27	R4265743	1		• FUSE, 10A 32V - BLADE TYPE RED		
28	R4265745	4		• FUSE, 20A 32V - BLADE TYPE YELLOW		
29	N.P.N.			• NOT USED		
30	R4250959	1		• RAIL MOUNT, 12" DIN		
31	R4228648	4		• BRACKET, END		
32	R4017134	7		• NUTINSERT, #10-32		
33	R0182634	7		• LOCKWASHER, #10 - EXTERNAL, TOOTH		
34	R4012632	7		• SCREW, #10-32 X 5/8" - P.H.		
35	R4111905	2	FT	• CABLE, #8 AWG 2000V		
36	N.P.N.			• NOT USED		
37	R4228652	10		• TERMINAL BLOCK, 1P 2TERM #6AWG DIN		
38	R4227295	4		• SEPARATING PLATE		
39	R4228650	1		• PARTITION PLATE		
40	R4227190	26		• TERMINAL BLOCK, 1-2 TERMINAL - #10 AWG		
41	R4120401	44	FT	• CABLE, #16 AWG - 600V		
42	R4228701	1		• MARKER, DIN - TERMINAL BLOCK, #11-20		
43	R4247479	2		• SPACER PLATE, GRAY		
44	R4264993	2		• TERMINAL ASSEMBLY, BLK/RESISTOR 10K OHMS		
45	R4247477	2		• END COVER, GRAY		
46	R4251788	10		• BRIDGE, FIXED		
47	R4264182	7		• TERMINAL BLOCK, FUSE		
48	N.P.N.			• NOT USED		
49	N.P.N.			• NOT USED		
50	N.P.N.			• NOT USED		
51	R4228651	16		• L-BRIDGE, DIN		
52	N.P.N.			• NOT USED		
53	R4019571	4		• NUTINSERT, 1/4"-20		
54	R4228702	1		• MARKER, DIN - TERMINAL BLOCK, #21-30		
55	N.P.N.			• NOT USED		
56	N.P.N.			• NOT USED		
57	R4274474	1		• CODE SHEET, ENGINE INTERFACE BOX ASSEMBLY		

**L-2350-2242 PARTS MANUAL
ENGINE INTERFACE BOX ASSEMBLY**

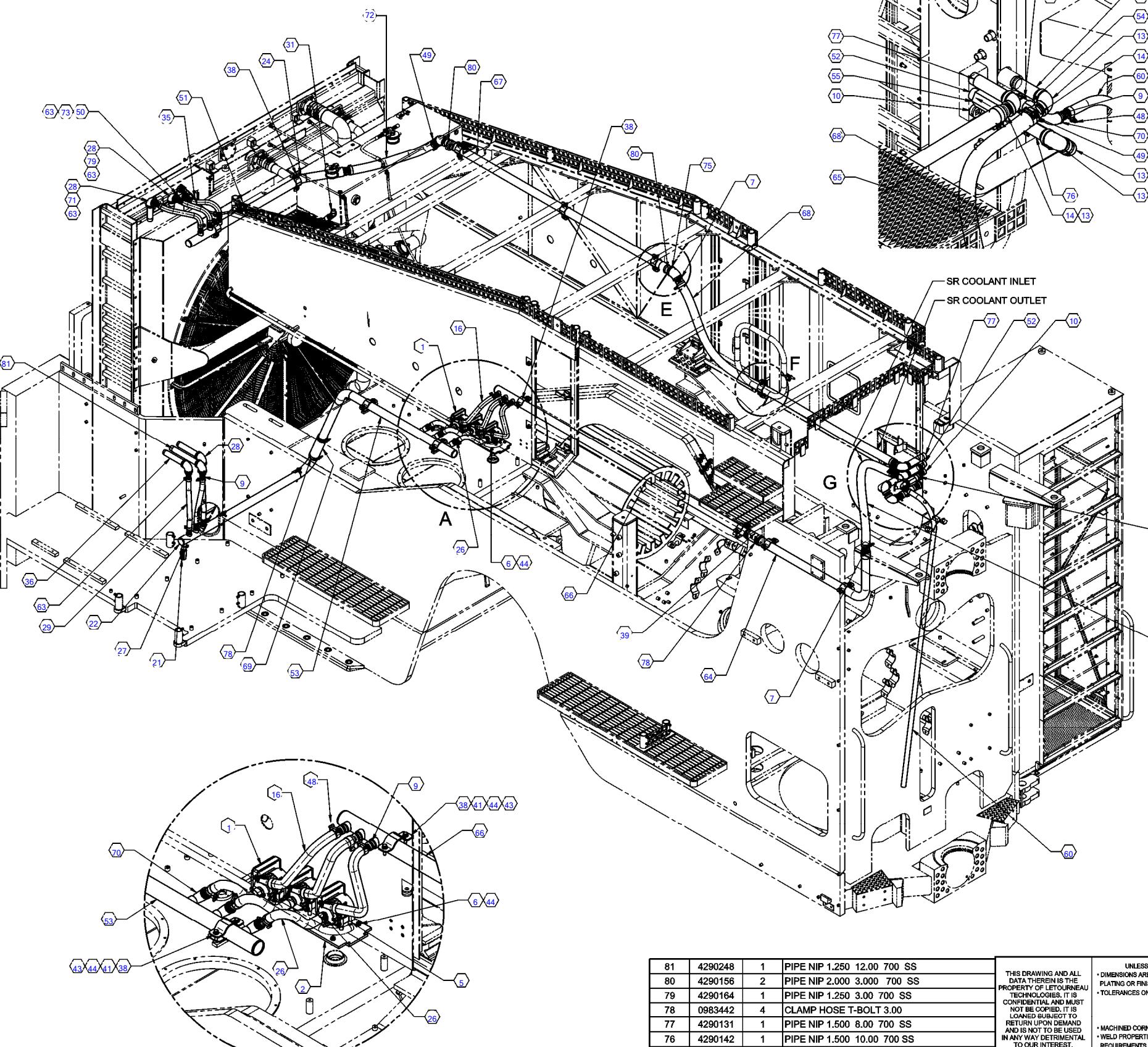
Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
58	R4274473	1		• MARKERS, TERMINAL - DDEC IV		
59	R4267210	1		• MARKER DIN TERM BLK #1 - 10		
60	R4267211	1		• MARKER DIN TERM BLK #11 - 20		
61	R4228703	1		• MARKER, DIN - TERMINAL BLOCK, #31-40		
62	R4228704	1		• MARKER, DIN - TERMINAL BLOCK, #41-50		
63	R4216108	4		• WIRE TERMINAL		
64	R4216109	2		• CAVITY PLUG		
65	R4216110	1		• CAP, PROTECTIVE		
66	R0453625	6	IN	• CHAIN, #8 SASH		
67	R4018725	20		• CABLE TIE, 4" - BENT TIP/BLACK		
68	R4228711	1		• MARKER, DIN - TERMINAL BLOCK, #111-120		
69	R4228721	1		• MARKER, DIN - TERMINAL BLOCK, #211-220		
70	R4270210	2		• FERRULE, INSULATED - 6AWG .472LG BLUE		
71	R4270209	4		• FERRULE, 8 AWG - RED		
72	R4270208	1		• FERRULE, 10 AWG - YELLOW		
73	R4270205	55		• FERRULE, INSULATED - 16AWG .315LG BLACK		
74	R4264185	7		• BRIDGE, FIXED		
75	R4232048	30	FT	• CABLE, #12 AWG 1C EXN DLO 600V		
76	R4270207	13		• FERRULE, 12 AWG - GRAY		
77	R4274370	1		• LABELS		
78	R4238810	1		• NUT, CAP - CN07		
79	R4238813	1		• RING, SEALING - SRN07		
80	R4264181	1		• TERMINAL BLOCK, DIODE		
81	R4260949	3		• BRACKET MOUNT SOCKET, RELAY		
82	R4260950	3		• RELAY, 20A		
83	R4260955	12		• LUG, SPADE - 14-16 AWG, MALE		
84	R4228714	1		• MARKER, DIN - TERMINAL BLOCK, #141-150		
85	R4228724	1		• MARKER, DIN - TERMINAL BLOCK, #241-250		
86	R4217714	1		• LOCKNUT, NYLON - LNP-M20		
87	R4238809	1		• ADAPTER BODY AB12-M20		
		REF		DRAWING, ENGINE INTERFACE BOX ASSEMBLY (R427447102)		

SR COOLER PLUMBING GROUP

8 | 7 | 6 | 5 | **4** | 3 | 2 | 1

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72	4276077	1	HOSE SR COOLANT 2.00 39.00
71	4290167	1	PIPE NIP 1.250 6.00 700 SS
70	4290127	4	PIPE ELBOW 90 DEG STREET 1.000 150 SS
69	4108211	1	HOSE 2-1/2 X 10 LG
68	4275554	1	HOSE SR COOLANT 2.00 112.00
67	4275973	1	STR SR COOLANT TUBE RETURN
66	4275971	1	STR SR COOLANT MANIFOLD
65	4275553	1	HOSE SR COOLANT 2.00 43.00
64	4275550	1	STR SR COOLANT TUBE INLET
63	4290133	8	PIPE BUSHING 1.250 1.000 6000 SS
62	4276132	1	HOSE 1-1/2 X 6 LG
61	4276136	2	CLAMP HOSE T-BOLT 1.875 - 2.125
60	4275490	1	HOSE SR COOLANT RELIEF
57	4290132	1	PIPE RED 1.500 1.250 BSH 6000 SS
56	4290138	2	KING COMBINATION 1.500 SS
55	4275489	1	VALVE CHECK 1-1/2 NPT
54	4275488	1	VALVE RELIEF 30 PSI 1-1/4 NPT
53	4275481	1	STR SR COOLANT TUBE MANIFOLD
52	4290129	2	PIPE NIP 1.500 2.00 700 SS
51	6889142	1	HOSE-A-16-55-OJ-OJ-1000PSI
50	4290247	1	PIPE TEE 1.25 300 SS
49	0983426	6	CLAMP HOSE T-BOLT 2.50
48	4276135	25	CLAMP HOSE T-BOLT 1.44 - 1.56
47	4276125	12	BOLT HX M8-1.25 x 45
46	0264174	12	WASHER LOCK SPR .323 .59 .08
44	0753123	32	WASHER LOCK SPR .375 .68 .09
43	4009640	28	BOLT HX .375 1.500 NC G8
41	0808221	28	WASHER FLAT .375 .81 .08
39	4015086	1	HOSE 2-1/2 X 6 LG
38	4237218	14	CLAMP HALF RAD 2.50
36	4290166	2	PIPE NIP 1.250 9.000 700 SS
35	4158773	1	HOSE 250 4 88.0 00 J0 J
34	4011748	2	FTG HYD 90 4 MJ 4 MP JUMP
33	4290297	1	PIPE RED 1.25 .250 BSH SS
32	4002443	1	FTG HYD 90 16 MJ 16 MP
31	4002434	1	FTG HYD 45 16 MJ 16 MP
29	4271720	3	HOSE COOLANTANT 1.00 22 IN
28	4290246	5	ELBOW 1.250 90 150 SS
27	4290148	1	PIPE NIP 1.000 3.00 700 SS
26	4276031	3	HOSE SR COOLANT SUPPLY 1.00 X 16 IN
24	4276004	1	STR MANIFOLD SR COOLANT RETURN
23	4271709	3	HOSE SR COOLANT 1.00 ID X 12
22	4271712	1	STR MANIFOLD SR COOLANT
21	2199013	1	BALL VALVE 1
16	4275559	3	HOSE SR COOLANT 1.00 X 25 IN
14	4290143	2	NIPPLE KING COMBINATION 2.00 1.50 SS
13	4290130	4	PIPE ELBOW 1.500 90 700 SS
12	4290126	1	PIPE NIP 1.500 6.00 700 SS
10	0031470	1	PIPE PLUG 1.500 CS SQ
9	4290137	19	KING COMBINATION NIPPLE 1.000 SS
7	4290144	4	NIPPLE KING COMBINATION 2.00 2.00 SS
6	0810971	4	BOLT HX .375 1.000 NC G8 FT
5	4271670	12	PIPE SPACER PUMP MOUNT
2	4271697	1	PL PUMP MOUNT
1	4267796	3	WATER PUMP EMP WP29

ITEM	PART NO.	QTY	DESCRIPTION
81	4290248	1	PIPE NIP 1.250 12.00 700 SS
80	4290156	2	PIPE NIP 2.000 3.000 700 SS
79	4290164	1	PIPE NIP 1.250 3.00 700 SS
78	0983442	4	CLAMP HOSE T-BOLT 3.00
77	4290131	1	PIPE NIP 1.500 8.00 700 SS
76	4290142	1	PIPE NIP 1.500 10.00 700 SS
75	4290237	1	PIPE ELB 2.000 45
73	4290298	1	PIPE NIP 1.250 1.625 700 SS

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SPEC 1650.00

<p>UNLESS OTHERWISE SPECIFIED: • DIMENSIONS ARE IN INCHES & APPLY BEFORE PLATING OR FINISH COATINGS. • TOLERANCES ON:</p> <table style="margin-left: 20px;"> <tr><td>ANGLES</td><td style="text-align: right;">±1°</td></tr> <tr><td>FRACTIONS</td><td style="text-align: right;">03-16</td></tr> <tr><td>XX DECIMAL</td><td style="text-align: right;">±.03</td></tr> <tr><td>XXX DECIMAL</td><td style="text-align: right;">±.015</td></tr> </table> <p>• MACHINED CORNERS 1/8A X 45° • WELD PROPERTIES SHALL MEET THE MINIMUM REQUIREMENTS OF THE BASE MATERIAL.</p>	ANGLES	±1°	FRACTIONS	03-16	XX DECIMAL	±.03	XXX DECIMAL	±.015	<p>FIRST USED ON/CONTRACT NO: 427-3522</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;">DWN</td> <td style="width: 25%;">sschluter</td> <td style="width: 25%;">03-16</td> <td style="width: 25%;">DATE</td> </tr> <tr> <td>CHK</td> <td>JBD</td> <td>03-31</td> <td></td> </tr> <tr> <td>ENGR</td> <td></td> <td></td> <td></td> </tr> <tr> <td>PROD ENGR</td> <td>JBD</td> <td>03-31</td> <td></td> </tr> <tr> <td>PROJ APPROVAL</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4">MATL</td> </tr> </table>	DWN	sschluter	03-16	DATE	CHK	JBD	03-31		ENGR				PROD ENGR	JBD	03-31		PROJ APPROVAL				MATL			
ANGLES	±1°																																
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ENGR																																	
PROD ENGR	JBD	03-31																															
PROJ APPROVAL																																	
MATL																																	
 <p>THIRD ANGLE PROJECTION</p>																																	

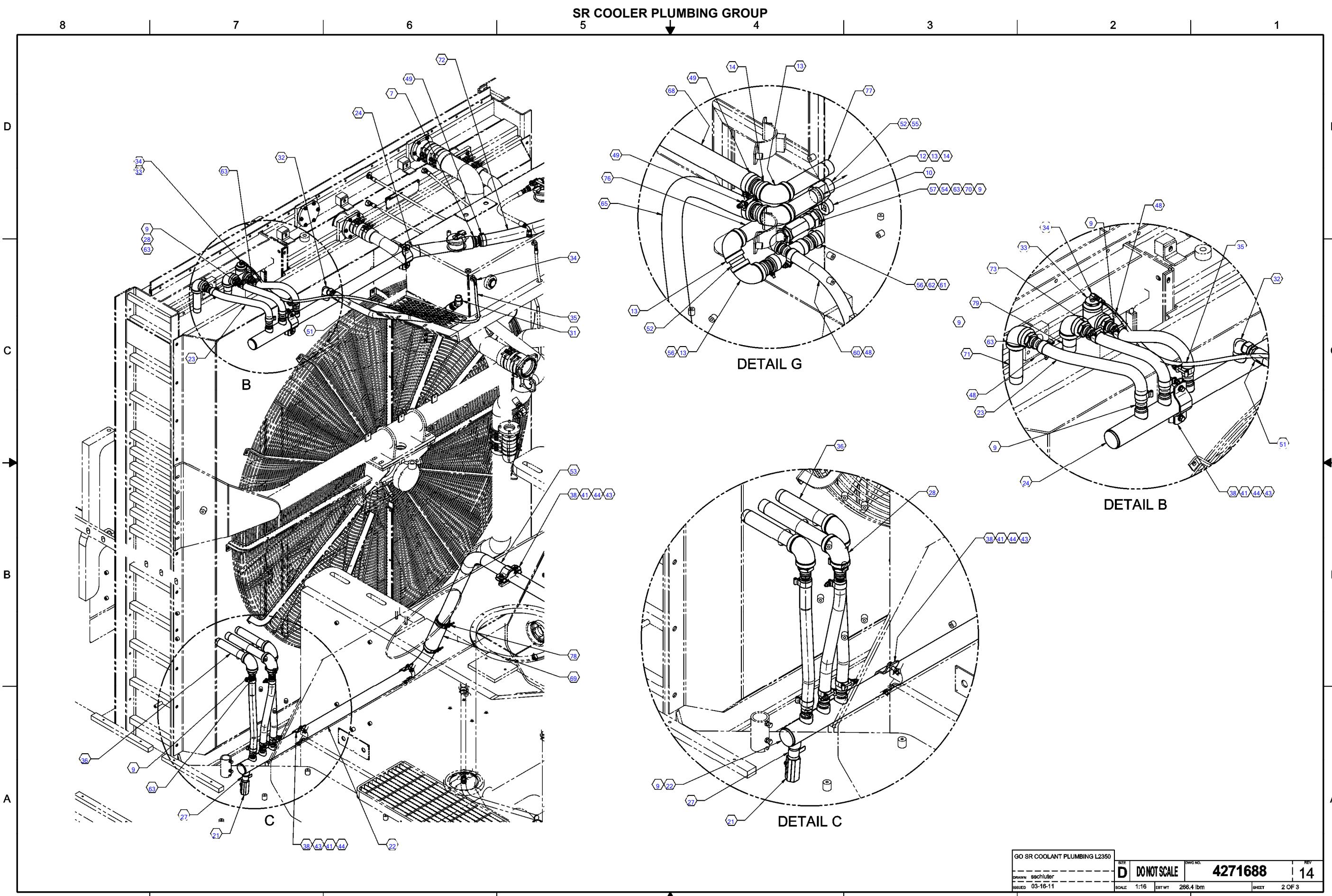
NO.	QTY	DESCRIPTION
1	1	REAR BRAKE LINE

**GP SR COOLANT PLUMBING T1
I 1850/2350**

E1850/E850

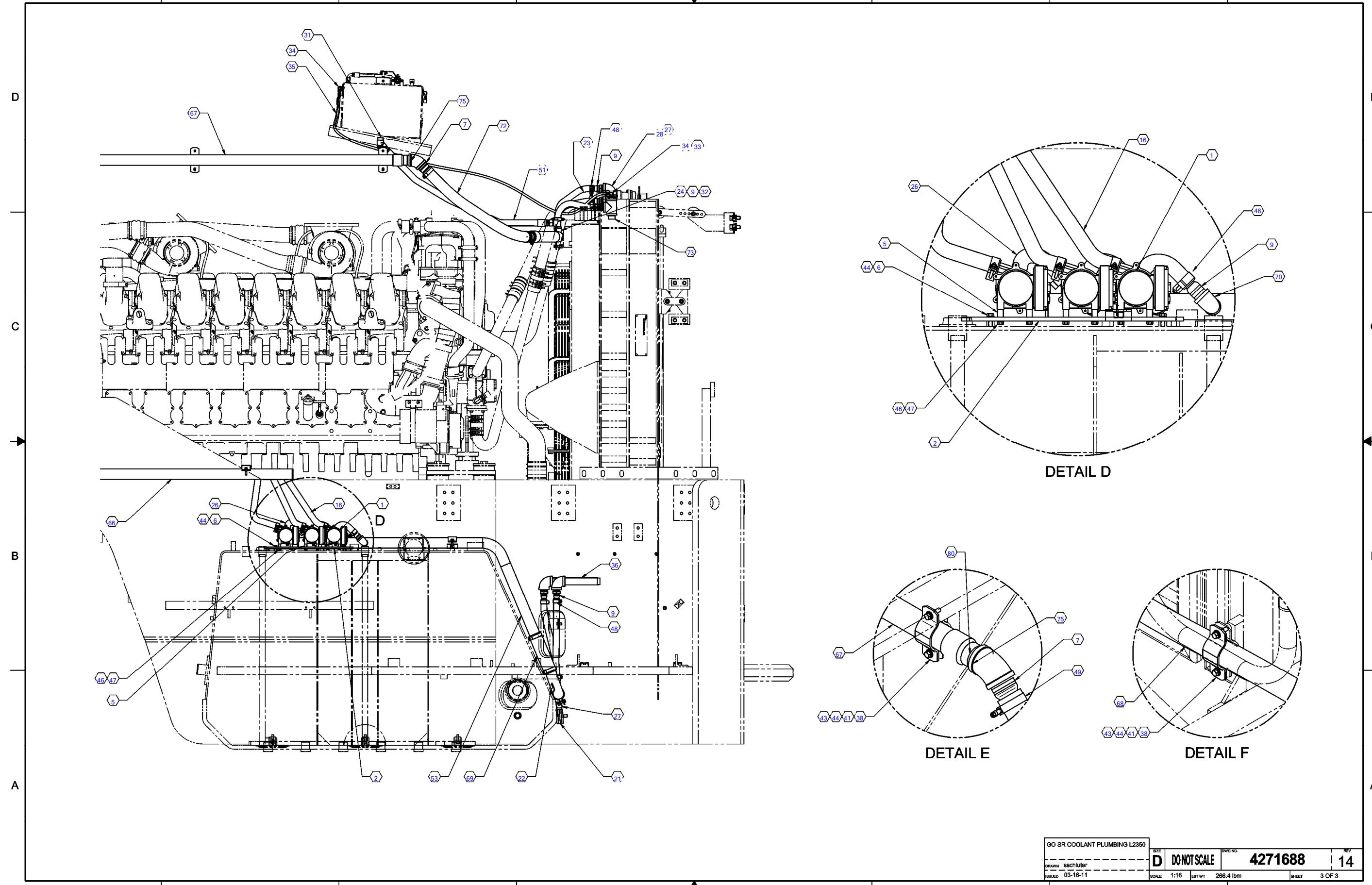
SIZE		DWG NO.		REV
D	DO NOT SCALE	4271688		14
SCALE	1:16	EST WT	266.4 lbm	SHEET
				1 OF 3

DETAIL A



SR COOLER PLUMBING GROUP

8 7 6 5 4 3 2 1

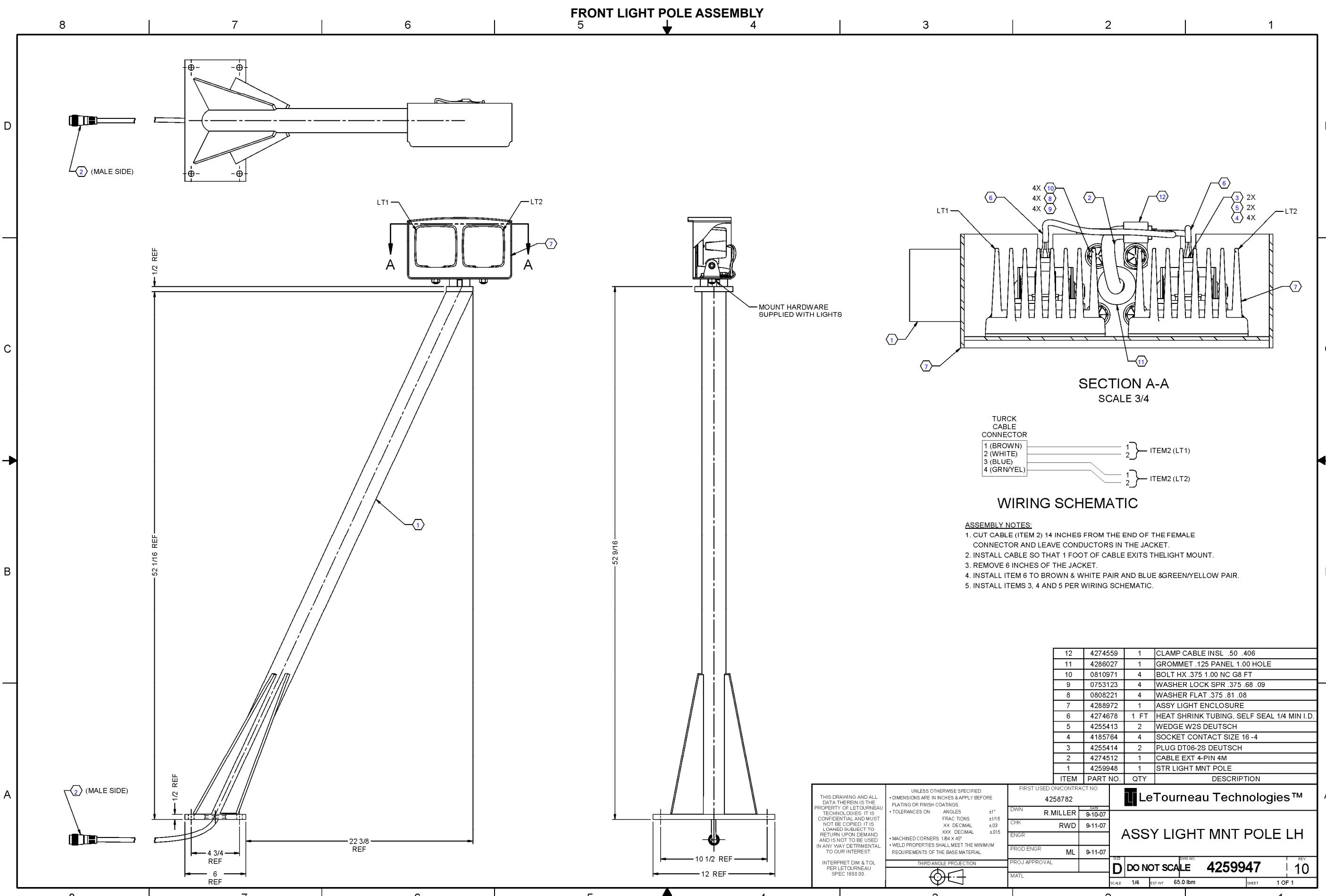


**L-2350-2242 PARTS MANUAL
SR COOLER PLUMBING GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4271688		SR COOLER PLUMBING GROUP		11/6/17
1	R4267796	3	· PUMP, WATER CIRCULATING		
	R4259344	REF	· HARNESS ASSEMBLY, COOLING CIRCULATION PUMP		11/6/17
	R4267798	REF	· CABLE, WATER PUMP - LINCS II		11/6/17
2	R4271697	1	· MOUNT PLATE, PUMP		
3	N.P.N.		· NOT USED		5/21/14
4	N.P.N.		· NOT USED		5/21/14
5	R4271670	12	· SPACER, PUMP MOUNT		
6	R0810971	4	· BOLT, 3/8"-16 X 1"		
7	R4290144	4	· NIPPLE, 2" MP X 2" I.D. HOSE - S.S.		5/11/17
8	N.P.N.		· NOT USED		5/21/14
9	R4290137	19	· NIPPLE, 1" MP X 1" I.D. HOSE - S.S.		5/11/17
10	R0031470	1	· PLUG, PIPE - 1-1/2", SQ. CSK.		5/21/14
11	N.P.N.		· NOT USED		5/21/14
12	R4290126	1	· NIPPLE, PIPE - 1-1/2" X 6" - S.S.		5/11/17
13	R4290130	4	· ELBOW, 1-1/2" FP X 90 deg. X 1-1/2" FP - S.S.		5/11/17
14	R4290143	2	· NIPPLE, PIPE - 2" X 1-1/2" - S.S.		5/11/17
15	N.P.N.		· NOT USED		5/21/14
16	R4275559	3	· HOSE ASSEMBLY, 1" X 25"		5/21/14
17	N.P.N.		· NOT USED		5/21/14
18	N.P.N.		· NOT USED		5/21/14
19	N.P.N.		· NOT USED		5/21/14
20	N.P.N.		· NOT USED		5/21/14
21	R2199013	1	· VALVE, BALL - 1"		
22	R4271712	1	· MANIFOLD STRUCTURE, SR COOLANT		
23	R4271709	3	· HOSE ASSEMBLY, 1" X 17-1/2"		
24	R4276004	1	· MANIFOLD STRUCTURE, SR COOLANT		
25	N.P.N.		· NOT USED		5/21/14
26	R4276031	3	· HOSE, 1" I.D. X 16"		5/21/14
27	R4290148	1	· NIPPLE, PIPE - 1" X 3" - S.S.		5/11/17
28	R4290246	5	· ELBOW, 1-1/4" FP X 90 deg. X 1-1/4" FP - S.S.		5/11/17
29	R4271720	3	· HOSE ASSEMBLY, 1" X 25"		
30	N.P.N.		· NOT USED		5/21/14
31	R4002434	1	· ELBOW, 1" MP X 45 deg. X #16 MJ		5/21/14
32	R4002443	1	· ELBOW, 1" MP X 90 deg. X #16 MJ		5/21/14
33	R4290297	1	· BUSHING, 1/4" FP X 1-1/4" MP - S.S.		11/6/17
34	R4011748	2	· ELBOW, 1/4" MP X 90 deg. X #4 MJ		5/21/14
35	R4158773	1	· HOSE ASSEMBLY, #4 X 88"		5/21/14
36	R4290166	2	· NIPPLE, PIPE - 1-1/4" X 9" - S.S.		5/11/17
37	N.P.N.		· NOT USED		5/21/14
38	R4237218	14	· CLAMP HALF, 2-1/2"		5/21/14
39	R4015086	1	· HOSE, 2-1/2" I.D. X 5"		5/21/14
40	N.P.N.		· NOT USED		5/21/14
41	R0808221	28	· FLATWASHER, 3/8"		5/21/14
42	N.P.N.		· NOT USED		5/21/14
43	R4009640	28	· BOLT, 3/8"-16 X 1-1/2"		5/21/14
44	R0753123	32	· LOCKWASHER, 3/8"		5/21/14
45	N.P.N.		· NOT USED		5/21/14
46	R0264174	12	· LOCKWASHER, 5/16"		5/21/14
47	R4276125	12	· BOLT, M8 X 45MM		5/21/14
48	R4276135	25	· CLAMP, HOSE - T-BOLT, 1-1/2"		5/21/14
49	R0983426	6	· CLAMP, HOSE - T-BOLT, 2-1/2"		5/21/14
50	R4290247	1	· TEE, 1-1/4" FP - S.S.		5/21/14
51	R6989142	1	· HOSE ASSEMBLY, #16 X 55"		5/21/14
52	R4290129	2	· NIPPLE, PIPE - 1-1/2" X 2" - S.S.		5/11/17
53	R4275481	1	· MANIFOLD TUBE STRUCTURE, SR COOLANT		5/21/14
54	R4275488	1	· VALVE, RELIEF - 30 PSI		5/21/14
55	R4275489	1	· VALVE, CHECK - 1-1/2" - 25 PSI		5/21/14

**L-2350-2242 PARTS MANUAL
SR COOLER PLUMBING GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
56	R4290138	2	· ADAPTER, 1-1/2" MP X 1-1/2" I.D. HOSE - S.S.		5/11/17
57	R4290132	1	· REDUCER, 1-1/4" FP X 1-1/2" MP - S.S.		5/11/17
58	N.P.N.		· NOT USED		5/21/14
59	N.P.N.		· NOT USED		5/21/14
60	R4275490	1	· HOSE, 1" I.D. X 101"		5/21/14
61	R4276136	2	· CLAMP, HOSE - T-BOLT, 2"		5/21/14
62	R4276132	1	· HOSE, 1-1/2" I.D. X 6"		5/21/14
63	R4290133	9	· REDUCER, 1" FP X 1-1/4" MP - S.S.		5/11/17
64	R4275550	1	· TUBE STRUCTURE, 2-1/2" O.D. X 90 deg.		5/21/14
65	R4275553	1	· HOSE, 2" I.D. X 43"		5/21/14
66	R4275971	1	· MANIFOLD TUBE STRUCTURE, 109-3/8"		5/21/14
67	R4275973	1	· TUBE STRUCTURE, 93"		5/21/14
68	R4275554	1	· HOSE, 2" I.D. X 112"		5/21/14
69	R4108211	1	· HOSE, 2-1/2" I.D. X 10"		5/21/14
70	R4290127	4	· ELBOW, 1" FP X 90 deg. X 1" MP - S.S.		5/11/17
71	R4290167	1	· NIPPLE, PIPE - 1-1/4" X 6" - S.S.		5/11/17
72	R4276077	1	· HOSE, 2" I.D. X 39"		5/21/14
73	R4290298	1	· NIPPLE, PIPE - 1-1/4" X 1-1/2" - S.S.		11/6/17
74	N.P.N.		· NOT USED		5/21/14
75	R4290237	2	· ELBOW, 2" FP X 45 deg. X 2" MP - S.S.		5/11/17
76	R4290142	1	· NIPPLE, PIPE - 1-1/2" X 10" - S.S.		5/11/17
77	R4290131	1	· NIPPLE, PIPE - 1-1/2" X 8" - S.S.		5/11/17
78	R0983442	4	· CLAMP, HOSE - T-BOLT, 3"		5/21/14
79	R4290164	1	· NIPPLE, PIPE - 1-1/4" X 3" - S.S.		5/11/17
80	R4290156	2	· NIPPLE, PIPE - 2" X 3" - S.S.		5/11/17
81	R4290248	1	· NIPPLE, PIPE - 1-1/4" X 12" - S.S.		5/11/17
		REF	DRAWING, SR COOLER PLUMBING GROUP (R427168814)		11/6/17



FRONT LIGHT POLE ASSEMBLY

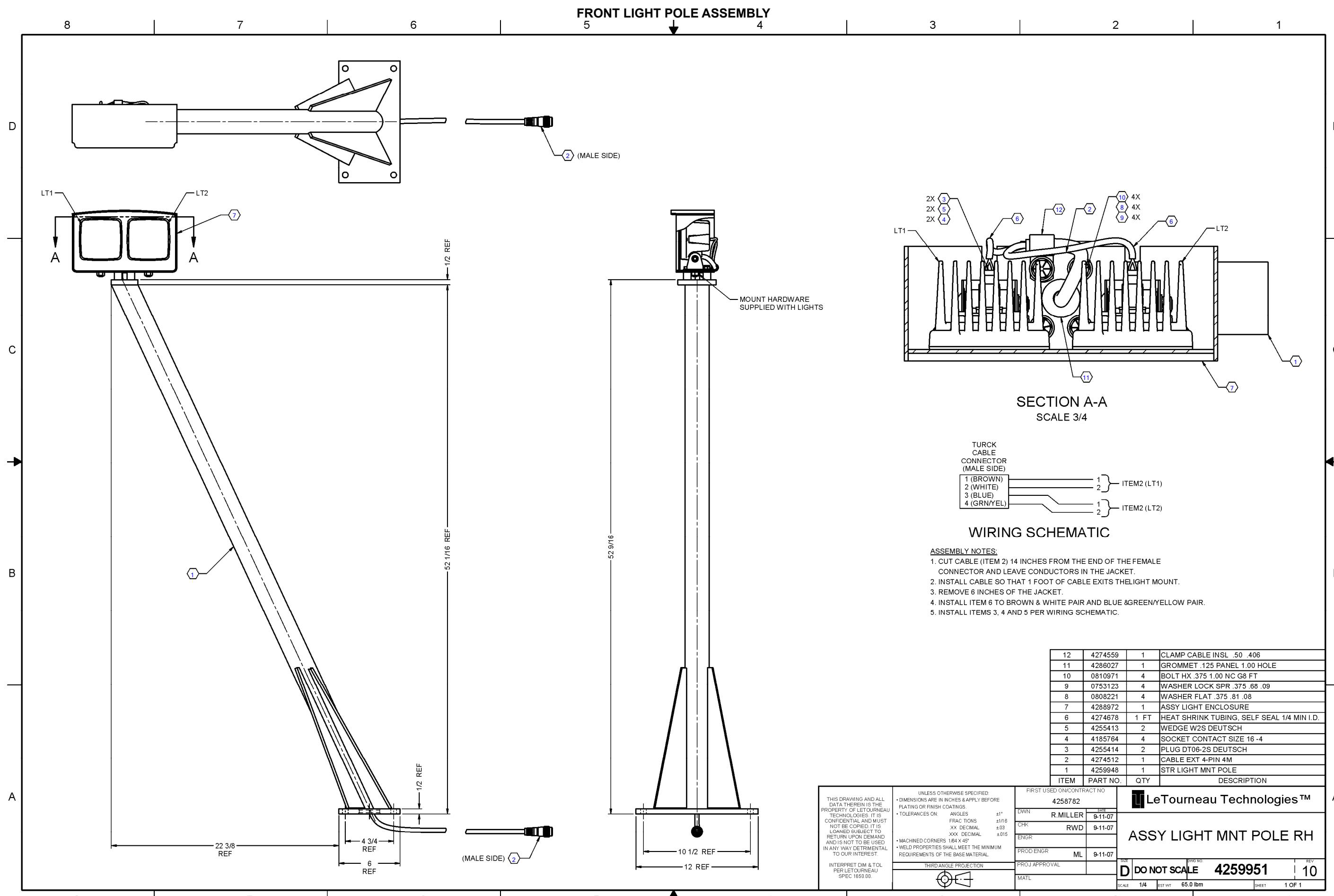
**L-2350-2242 PARTS MANUAL
FRONT LIGHT POLE ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4259947			FRONT LIGHT POLE ASSEMBLY - LEFT SIDE (-1)		5/11/17
1	R4259948	1		• POLE STRUCTURE, FRONT LIGHT		
2	R4274512	1		• CABLE EXTENSION, 4 PIN 4M		
3	R4255414	2		• PLUG		
4	R4185764	4		• SOCKET, CONTACT - 16		
5	R4255413	2		• WEDGE		
6	R4274678	1	FT	• TUBING, HEATSHRINK, BLACK - 1/4"		
7	R4288972	1		• LIGHT ENCLOSURE ASSEMBLY		
	R4288978	1		• LIGHT ENCLOSURE STRUCTURE		
	R4290079	2		• LAMP ASSEMBLY, FLOOD - LED, 24V		
8	R0808221	4		• FLATWASHER, 3/8"		
9	R0753123	4		• LOCKWASHER, 3/8"		
10	R0810971	4		• BOLT, 3/8"-16 X 1"		
11	R4286027	1		• GROMMET, 1" HOLE		
12	R4274559	1		• CLAMP, CABLE - INSULATED, 1/2"		
				NOTE:		
	R4259951	REF		• FRONT LIGHT POLE ASSEMBLY - RIGHT SIDE (PAGE 5.39-5.39B)		
		REF		DRAWING, FRONT LIGHT POLE ASSEMBLY - LEFT SIDE (R425994710)		5/11/17

**L-2350-2242 PARTS MANUAL
FRONT LIGHT POLE ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
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FRONT LIGHT POLE ASSEMBLY

**L-2350-2242 PARTS MANUAL
FRONT LIGHT POLE ASSEMBLY**

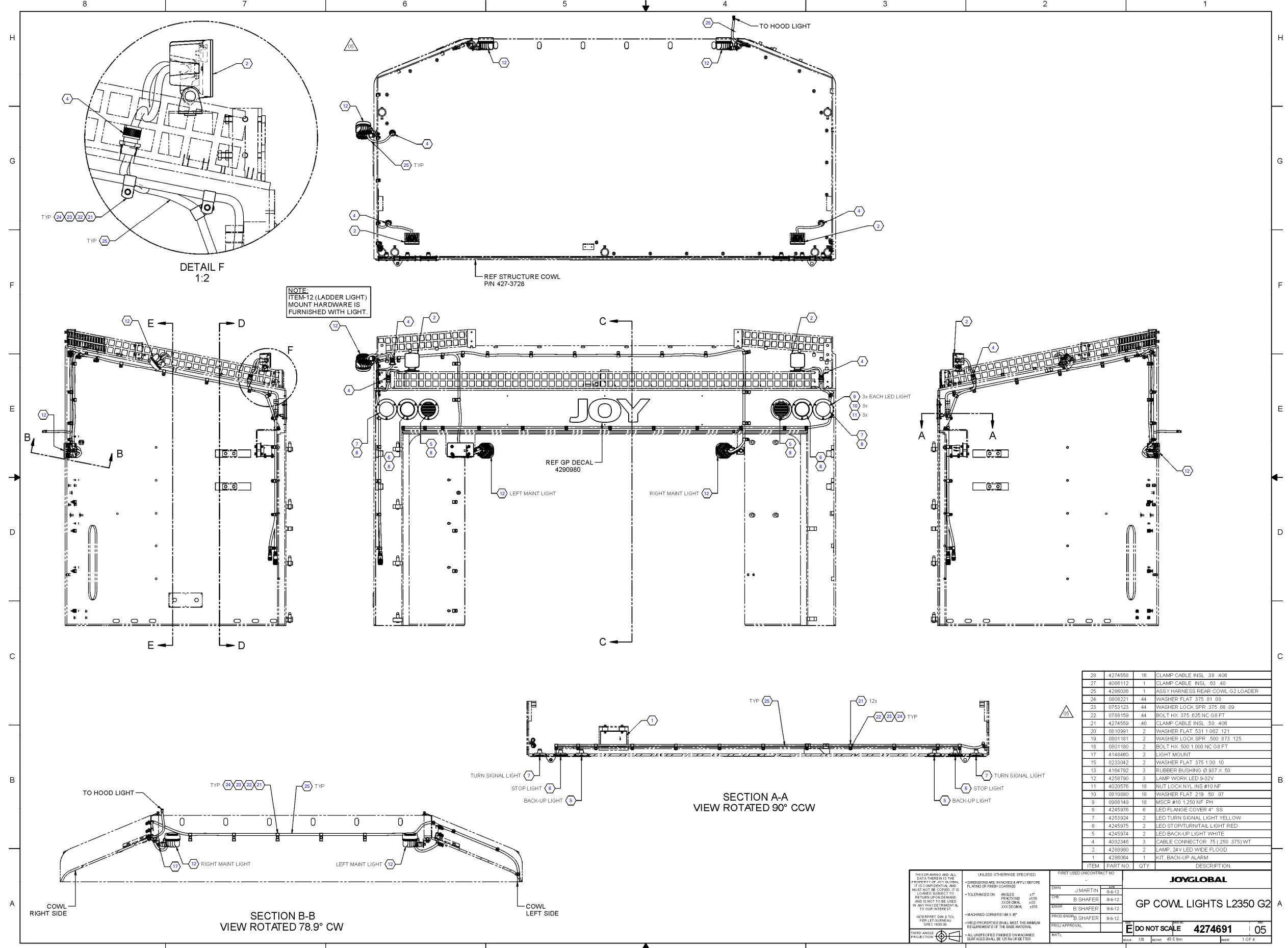
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	R4259951			FRONT LIGHT POLE ASSEMBLY - RIGHT SIDE (-1)		5/11/17
1	R4259948	1		• POLE STRUCTURE, FRONT LIGHT		
2	R4274512	1		• CABLE EXTENSION, 4 PIN 4M		
3	R4255414	2		• PLUG		
4	R4185764	4		• SOCKET, CONTACT - 16		
5	R4255413	2		• WEDGE		
6	R4274678	1	FT	• TUBING, HEATSHRINK, BLACK - 1/4"		
7	R4288972	1		• LIGHT ENCLOSURE ASSEMBLY		
	R4288978	1		• LIGHT ENCLOSURE STRUCTURE		
	R4290079	2		• LAMP ASSEMBLY, FLOOD - LED, 24V		
8	R0808221	4		• FLATWASHER, 3/8"		
9	R0753123	4		• LOCKWASHER, 3/8"		
10	R0810971	4		• BOLT, 3/8"-16 X 1"		
11	R4286027	1		• GROMMET, 1" HOLE		
12	R4274559	1		• CLAMP, CABLE - INSULATED, 1/2"		
				NOTE:		
	R4259947	REF		• FRONT LIGHT POLE ASSEMBLY - LEFT SIDE (PAGE 5.39-5.39A)		
		REF		DRAWING, FRONT LIGHT POLE ASSEMBLY - RIGHT SIDE (R425995110)		5/11/17

**L-2350-2242 PARTS MANUAL
FRONT LIGHT POLE ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
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REAR COWL LIGHTS GROUP

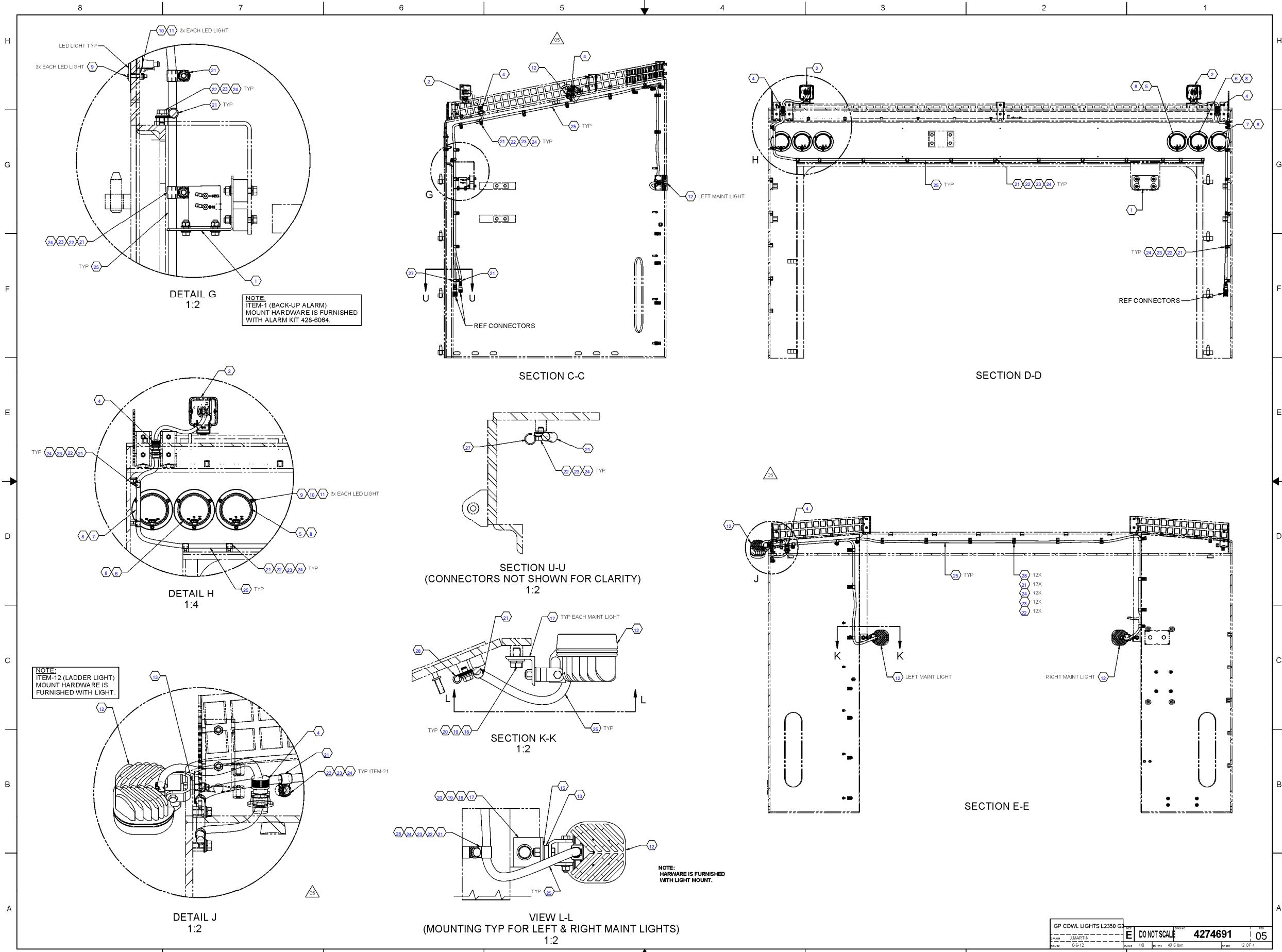


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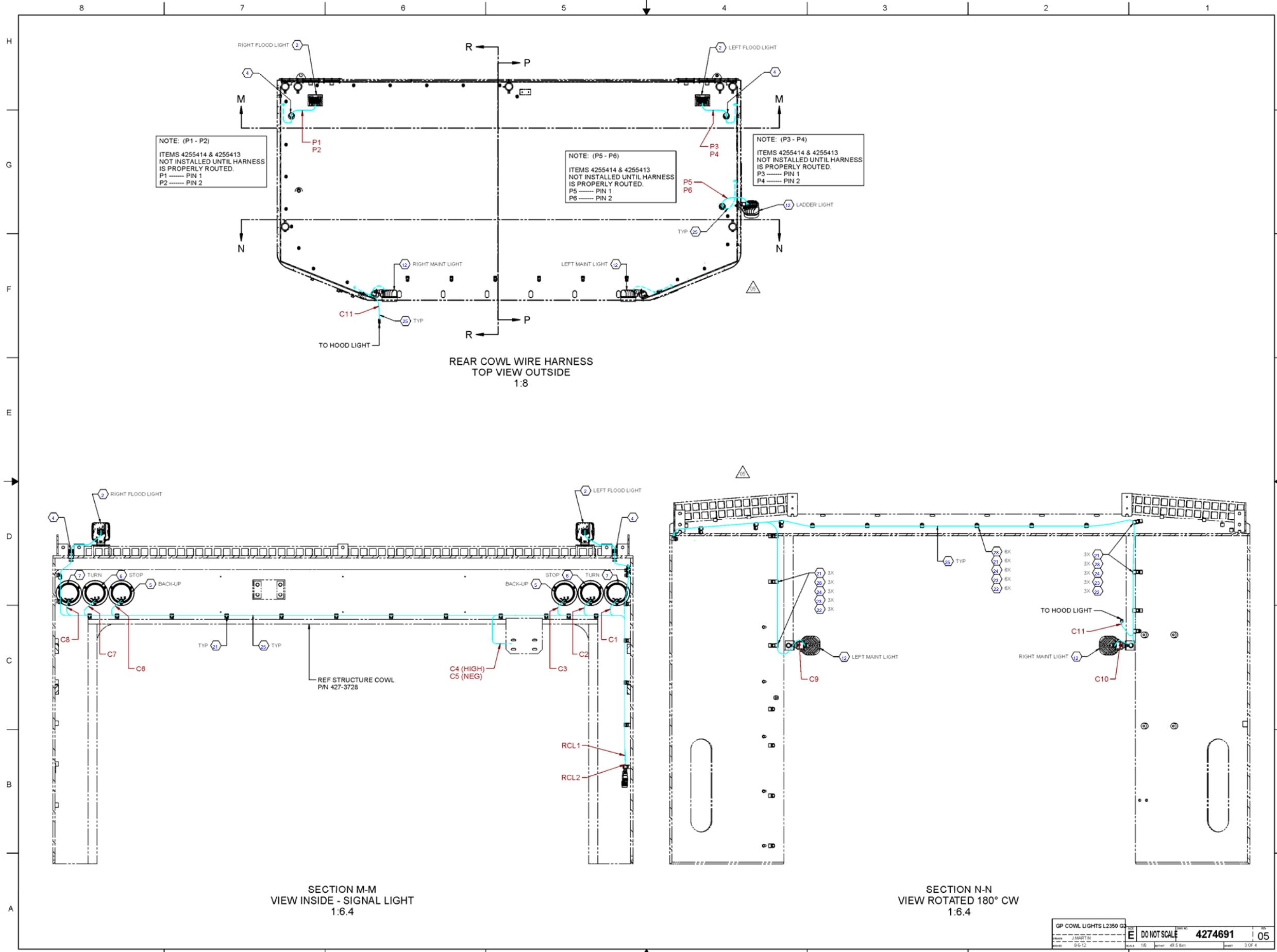
REAR COWL LIGHTS GROUP

REAR COWL LIGHTS GROUP



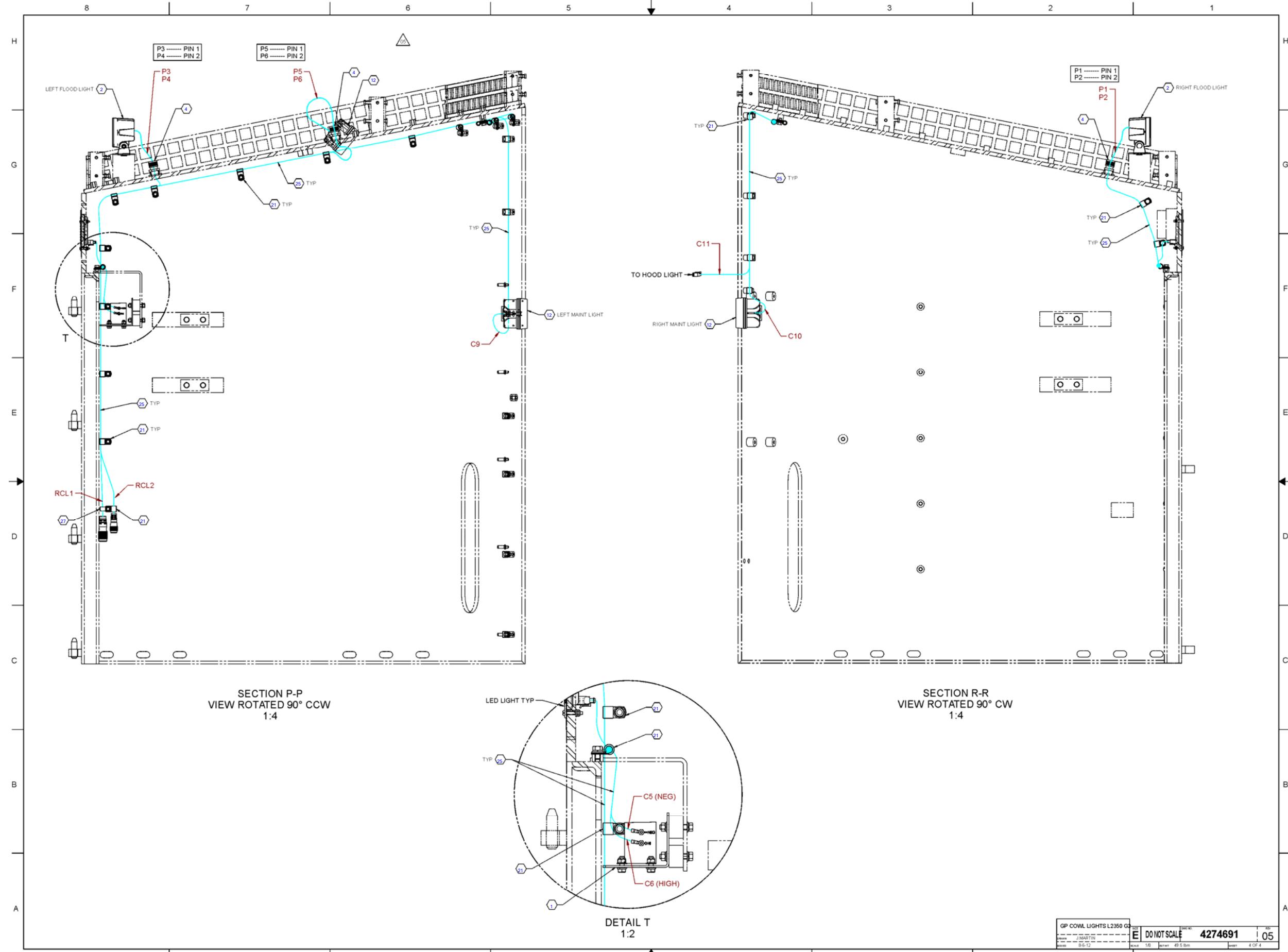
REAR COWL LIGHTS GROUP

REAR COWL LIGHTS GROUP



REAR COWL LIGHTS GROUP

REAR COWL LIGHTS GROUP



REAR COWL LIGHTS GROUP

**L-2350-2242 PARTS MANUAL
REAR COWL LIGHTS GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274691		REAR COWL LIGHTS GROUP (-1)		6/21/17
1	R4286064	1	· BACK-UP ALARM GROUP		
	R4285018	1	· · ALARM, BACK-UP		
	R4032277	4	· · INSULATOR, VIBRATION		
2	R4288980	2	· LAMP ASSEMBLY, WIDE FLOOD - LED, 24V		
3	N.P.N.		· NOT USED		
4	R4032346	3	· CONNECTOR, CABLE - 3/4"		6/21/17
5	R4245974	2	· LIGHT ASSEMBLY, LED - WHITE		
6	R4245975	2	· LIGHT ASSEMBLY, LED - RED		
7	R4253924	2	· LIGHT ASSEMBLY, LED - YELLOW		
8	R4245976	6	· LED FLANGE COVER, 4" I.D. - S.S.		
9	R0988149	18	· SCREW, #10-32 X 1-1/4" - P.H.		
10	R0810880	18	· FLATWASHER, #10		
11	R4020576	18	· LOCKNUT, #10-32 - NYLON		
12	R4258790	3	· LAMP ASSEMBLY, WORK - LED, 9-32V		
13	R4164792	3	· BUSHING, RUBBER		6/21/17
14	N.P.N.		· NOT USED		6/21/17
15	R0233042	2	· FLATWASHER, 3/8"		6/21/17
16	N.P.N.		· NOT USED		6/21/17
17	R4148460	2	· MOUNT, LAMP ASSEMBLY		
18	R0801180	2	· BOLT, 1/2"-13 X 1"		
19	R0801181	2	· LOCKWASHER, 1/2"		
20	R0810991	2	· FLATWASHER, 1/2" X 1" X 1/8"		
21	R4274559	40	· CLAMP, CABLE - INSULATED, 1/2"		6/21/17
22	R0788159	44	· BOLT, 3/8"-16 X 5/8"		
23	R0753123	44	· LOCKWASHER, 3/8"		
24	R0808221	44	· FLATWASHER, 3/8"		
25	R4286036	1	· HARNESS ASSEMBLY, REAR COWL		
26	N.P.N.		· NOT USED		6/21/17
27	R4086112	1	· CLAMP, CABLE - INSULATED, 5/8"		6/21/17
28	R4274558	16	· CLAMP, CABLE - INSULATED, 3/8"		6/21/17
		REF	DRAWING, REAR COWL LIGHTS GROUP (R427469105)		6/21/17

**L-2350-2242 PARTS MANUAL
REAR COWL LIGHTS GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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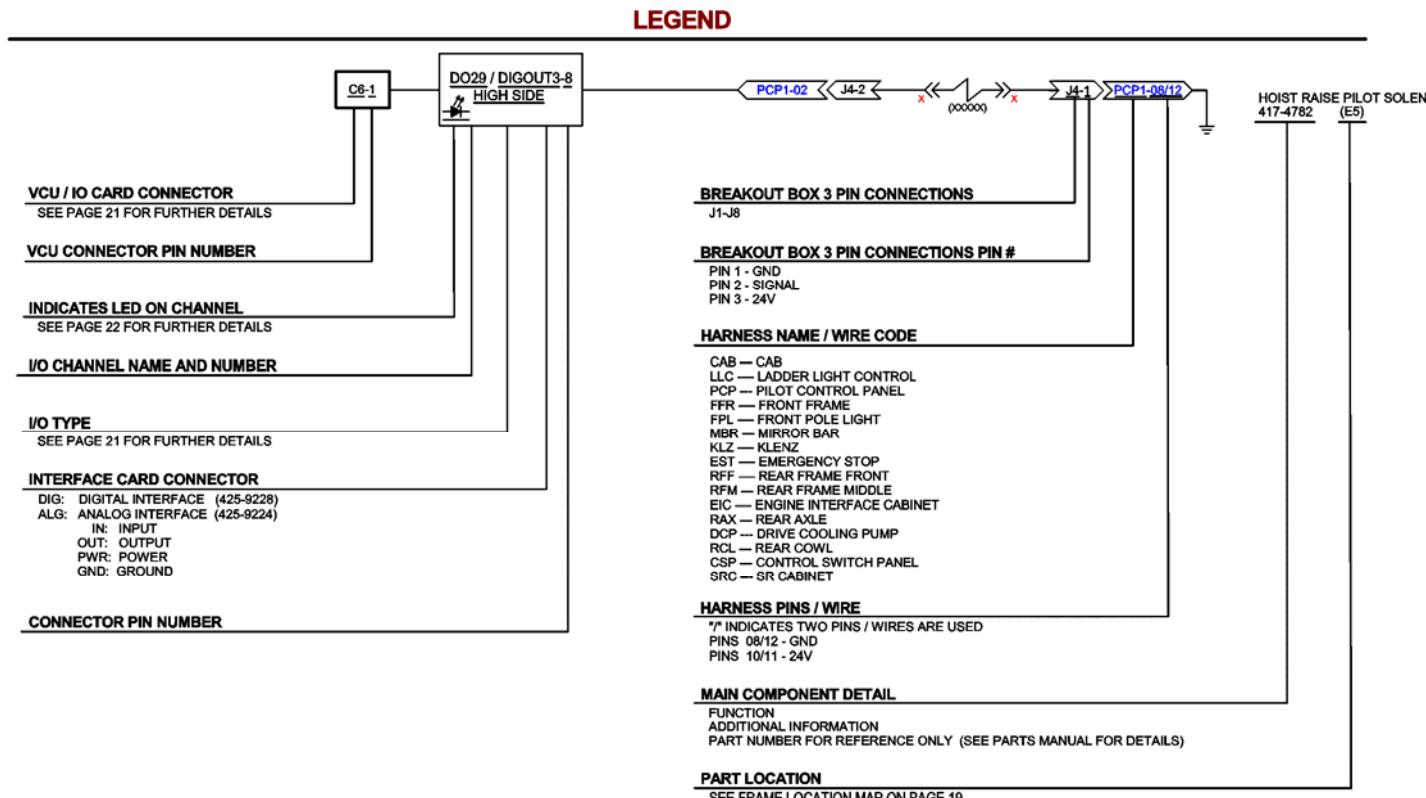
ELECTRICAL SCHEMATIC

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ZONE	REV	DESCRIPTION	EDN	DATE	CHG	CH	WF
00	RELEASE		1360165	3-15-16	FL	KD	JMS

LEGEND



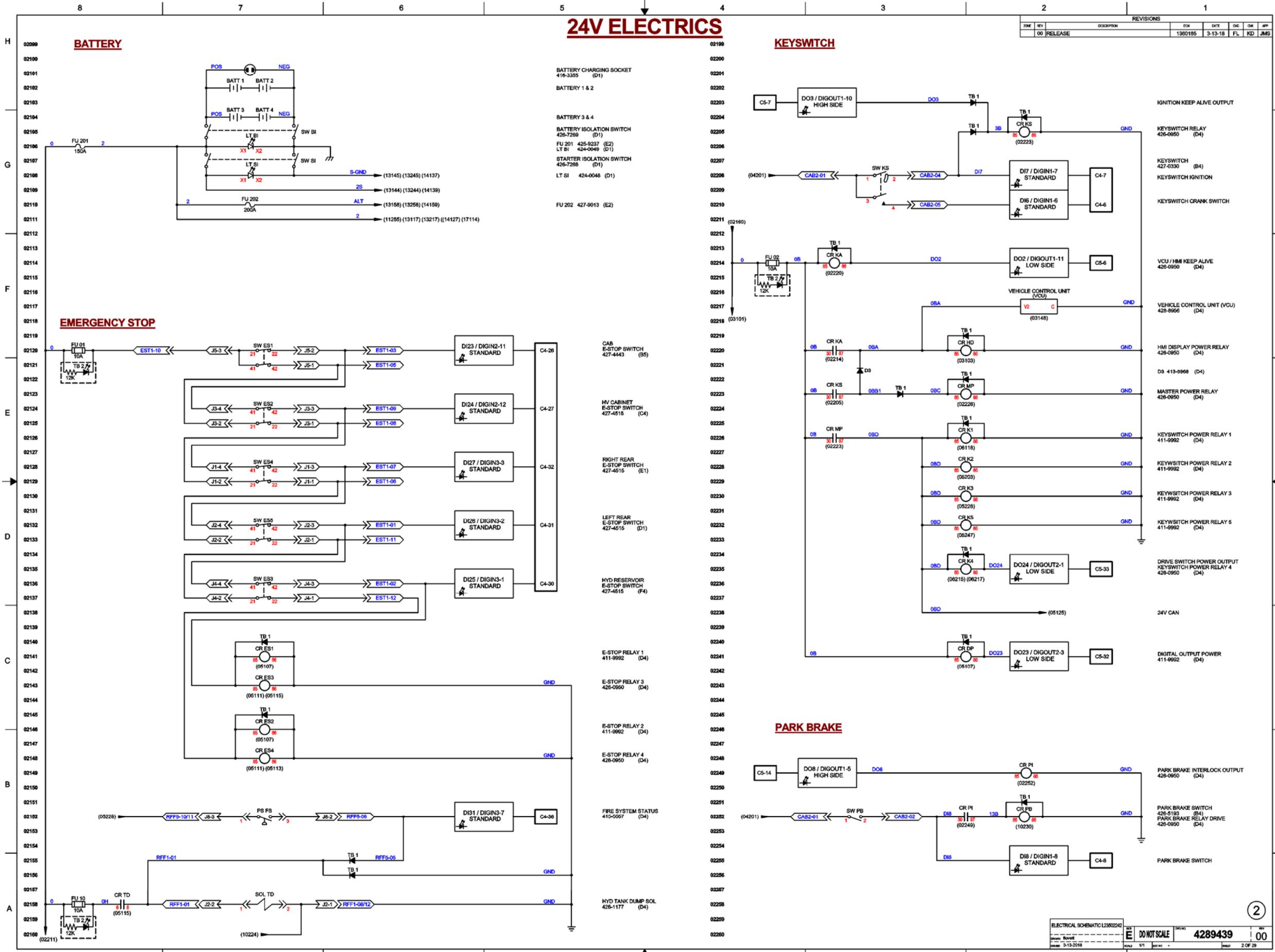
LOADER SPECIFIC FEATURES / OPTIONS		
DDEC IV ENGINE (T1 & T2)	(SHEET 13)	✓
ADEC ENGINE (T3)	(SHEET 13)	
CUMMINS QST30 ENGINE (T3)	(SHEET 14)	
CUMMINS QSK38 ENGINE (T3)	(SHEET 14)	
CUMMINS QSK50 ENGINE (T3)	(SHEET 14)	
CUMMINS QSK60 HPI ENGINE (T1)	(SHEET 14)	
CUMMINS QSK60 MCRS ENGINE (T2)	(SHEET 14)	
AUXILIARY STEERING	(SHEET 17)	
REAR VISION CAMERA	(SHEET 17)	
HEATERS - COLD CLIMATE	(SHEET 17)	
BEACON LIGHT (AMBER)	(SHEET 4)	

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN MILLIMETERS. PLATING OR RIVET COATINGS ARE NOT TO EXCEED 0.05 MM. TOLERANCES ON ANGLES: 1° ± 1°. TOLERANCES ON LENGTHS: 4.75 ± 0.25 MM. TOLERANCES ON POSITION: 0.475 ± 0.125 MM. INTERFERENCE: 0.05 MM. MACHINED CORNERS 90° X 4.75 MM. WELD PROPERTIES SHALL MEET THE MINIMUM REQUIREMENTS OF THE BASE MATERIAL. ALL UNSPECIFIED FINISHES ON MACHINED SURFACES SHALL BE 12.5 RA OR BETTER.	
FIRST USED ON CONTRACT NO. G21 C1/CH/CH	
REV. 00	
DRAWN BY: [Signature]	
CHK'D BY: [Signature]	
APPROVED BY: [Signature]	
PROJ. ENGR: JMS 3-15-2016	
PROJ. APPROVAL: JMS 3-15-2016	
E. DO NOT SCALE	
4289439	
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ELECTRICAL SCHEMATIC

ELECTRICAL SCHEMATIC

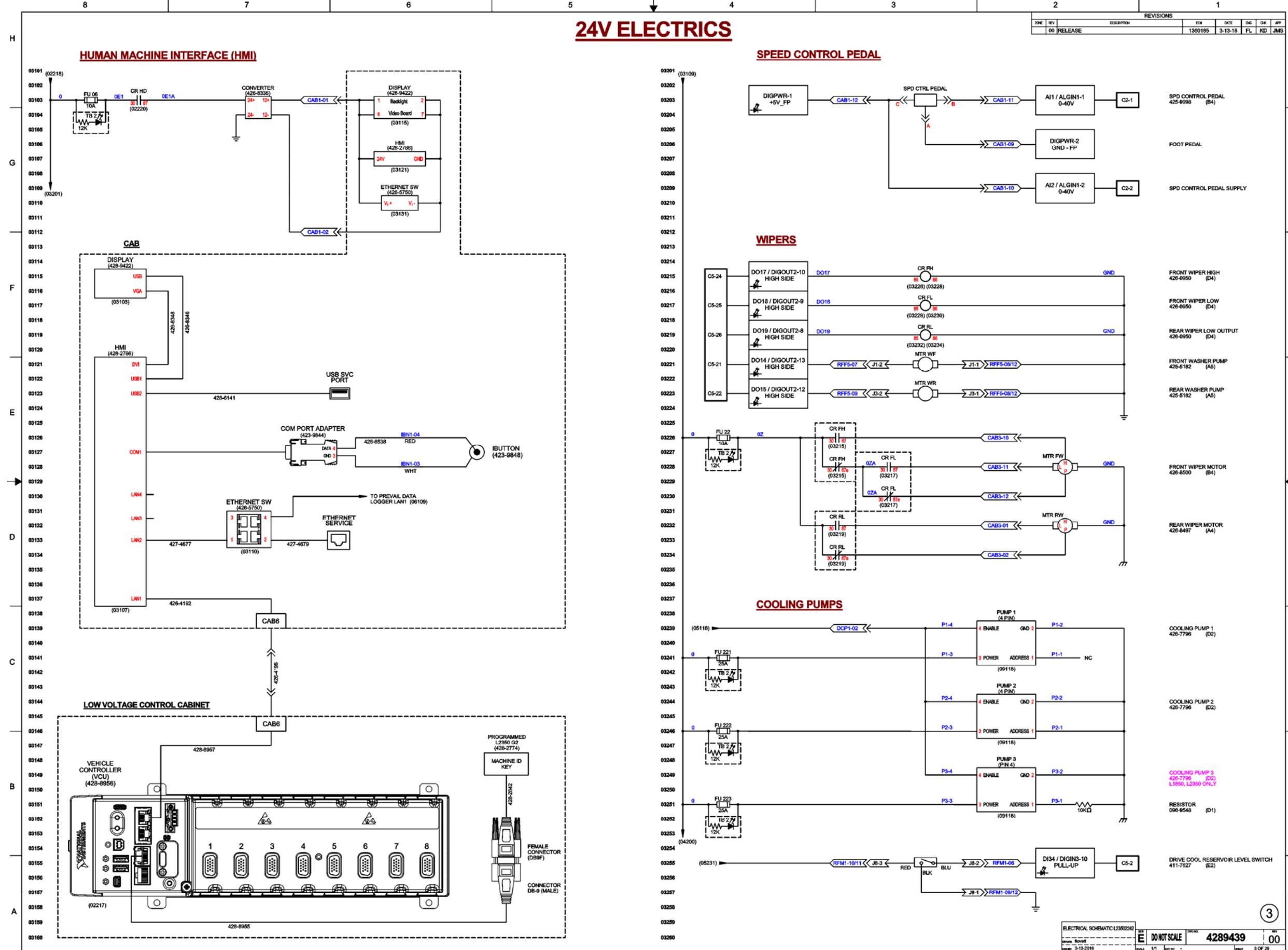
24V ELECTRICS



ELECTRICAL SCHEMATIC

ELECTRICAL SCHEMATIC

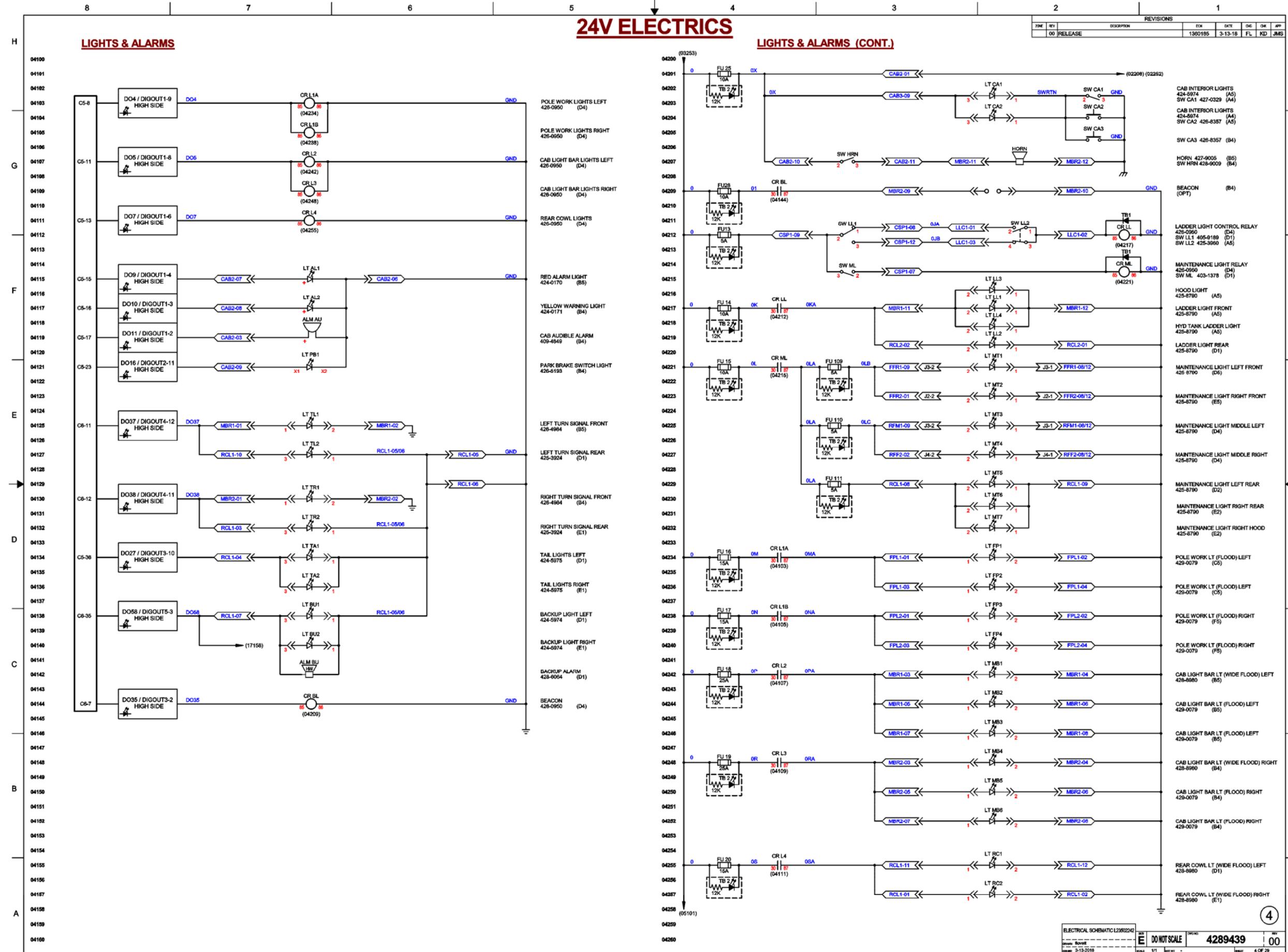
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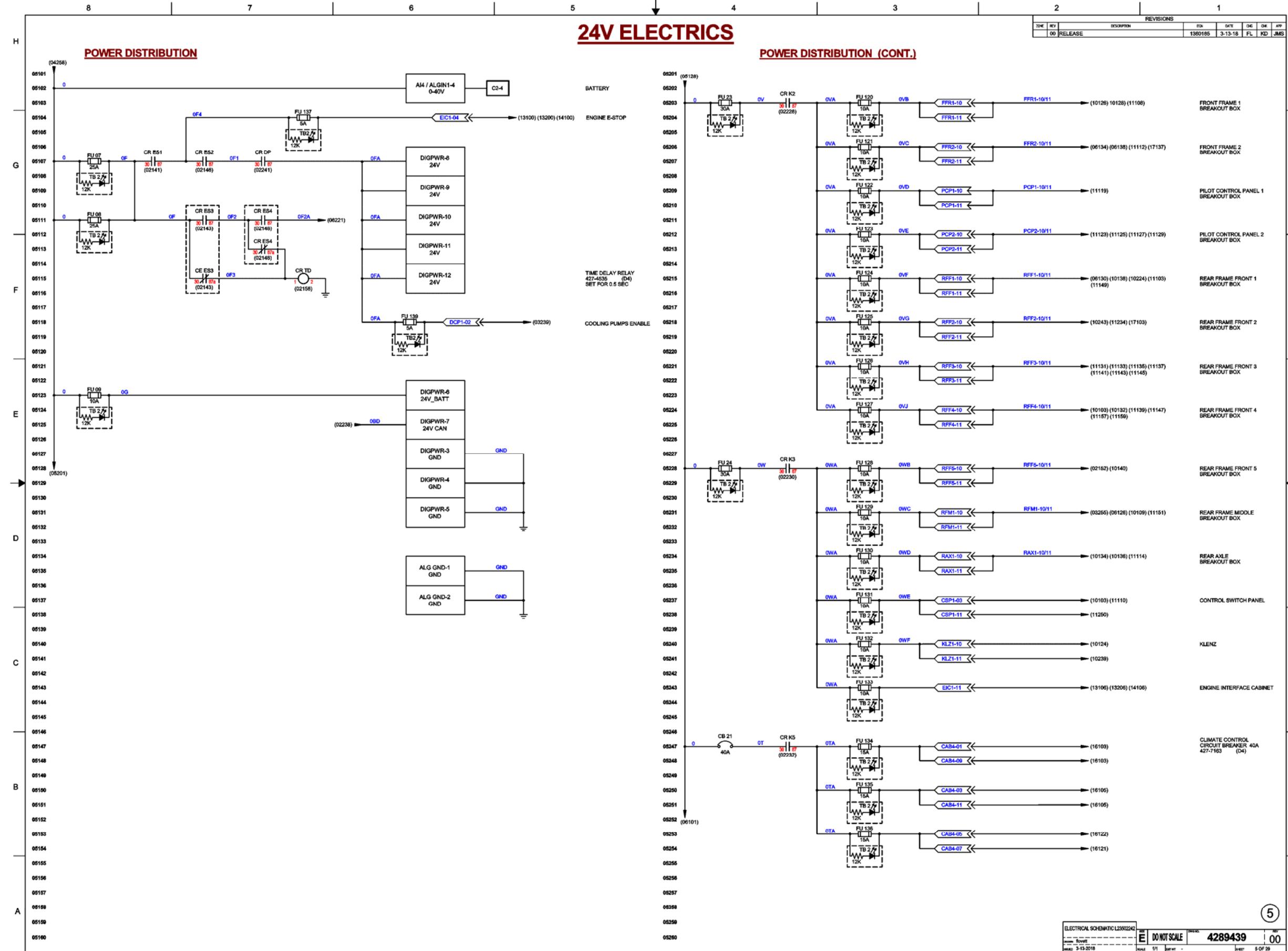
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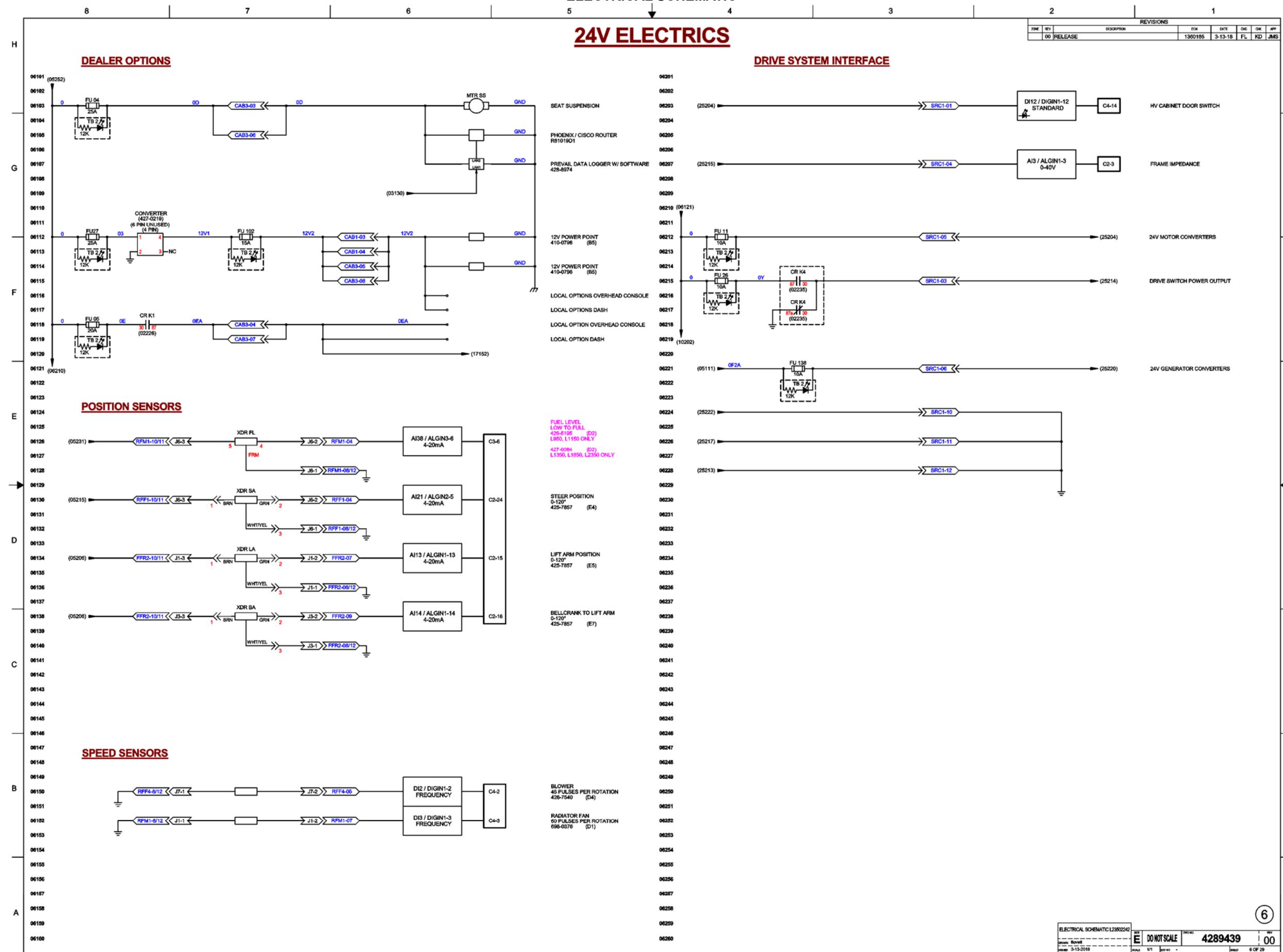
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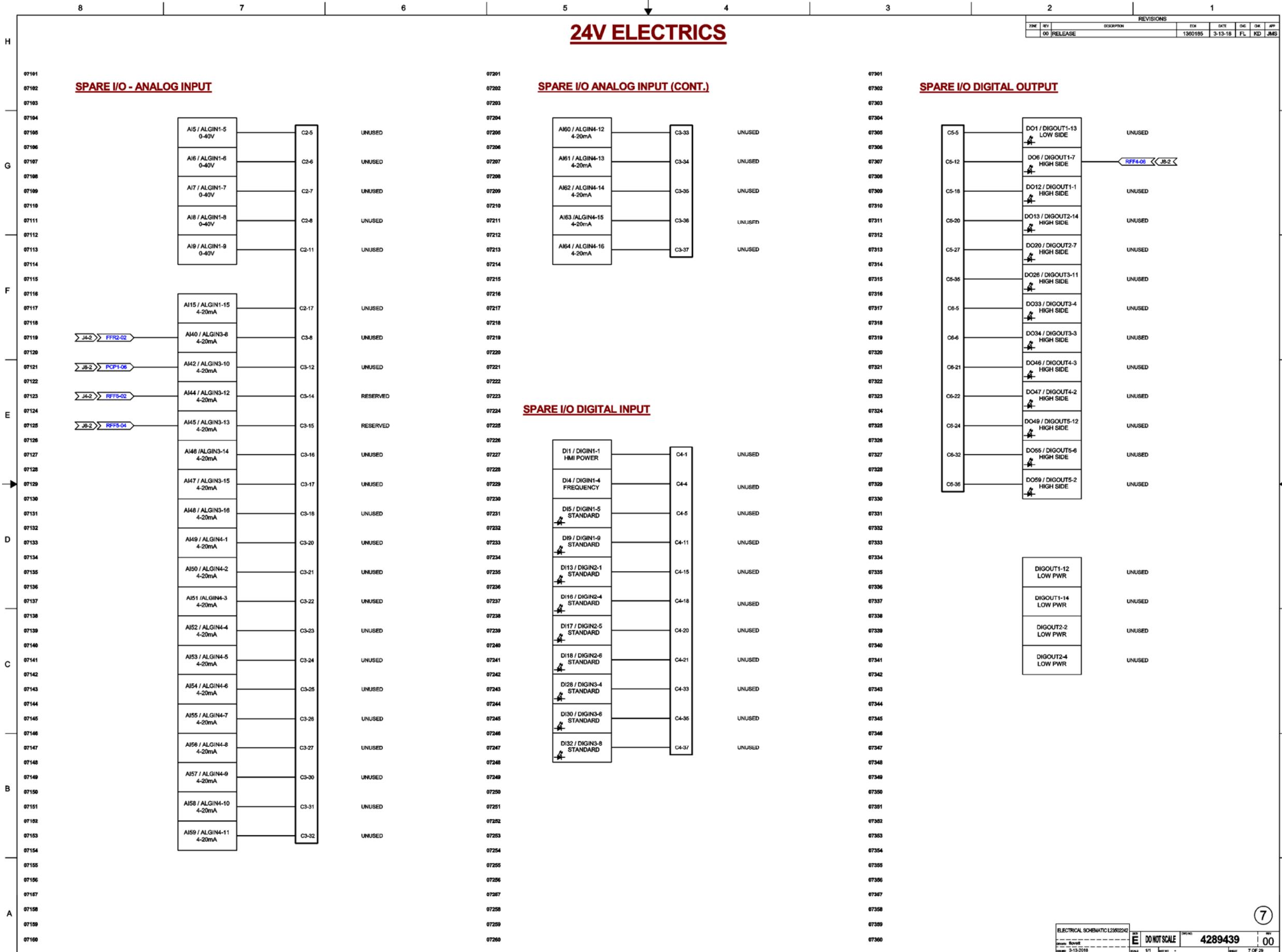
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ELECTRICAL SCHEMATIC

24V ELECTRICS



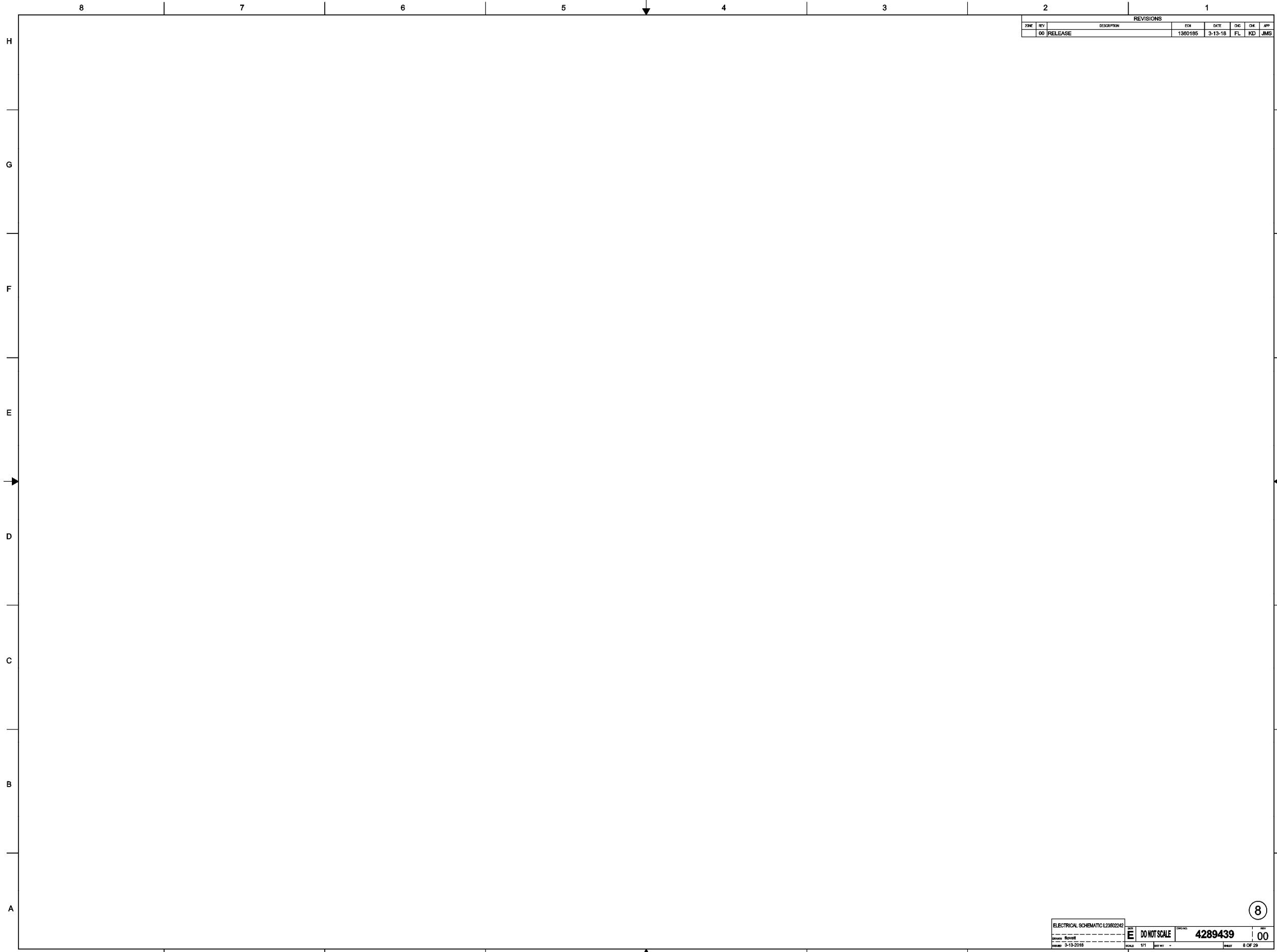
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DRAWN: Bozell
CHECKED: _____
APPROVED: _____
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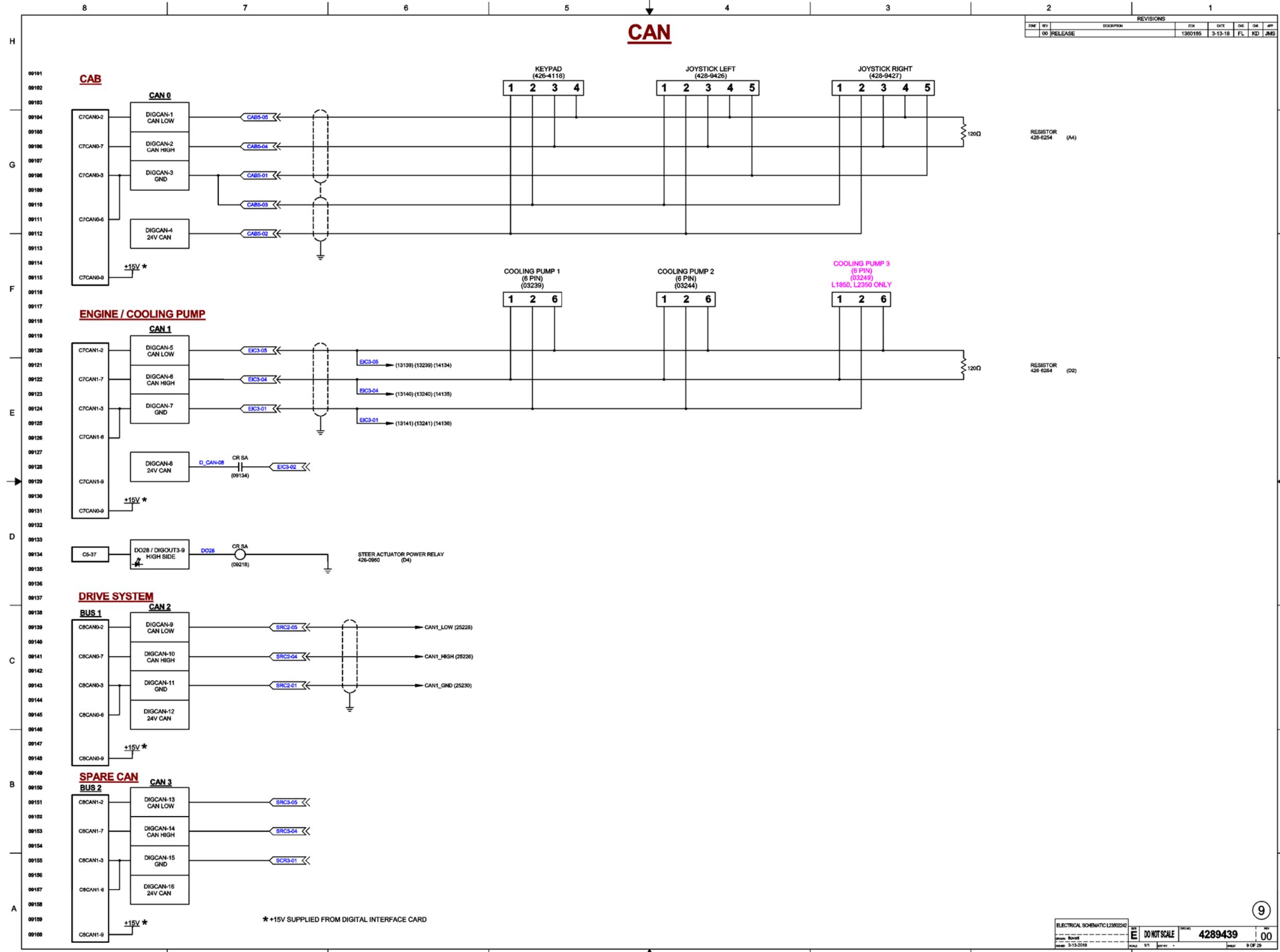
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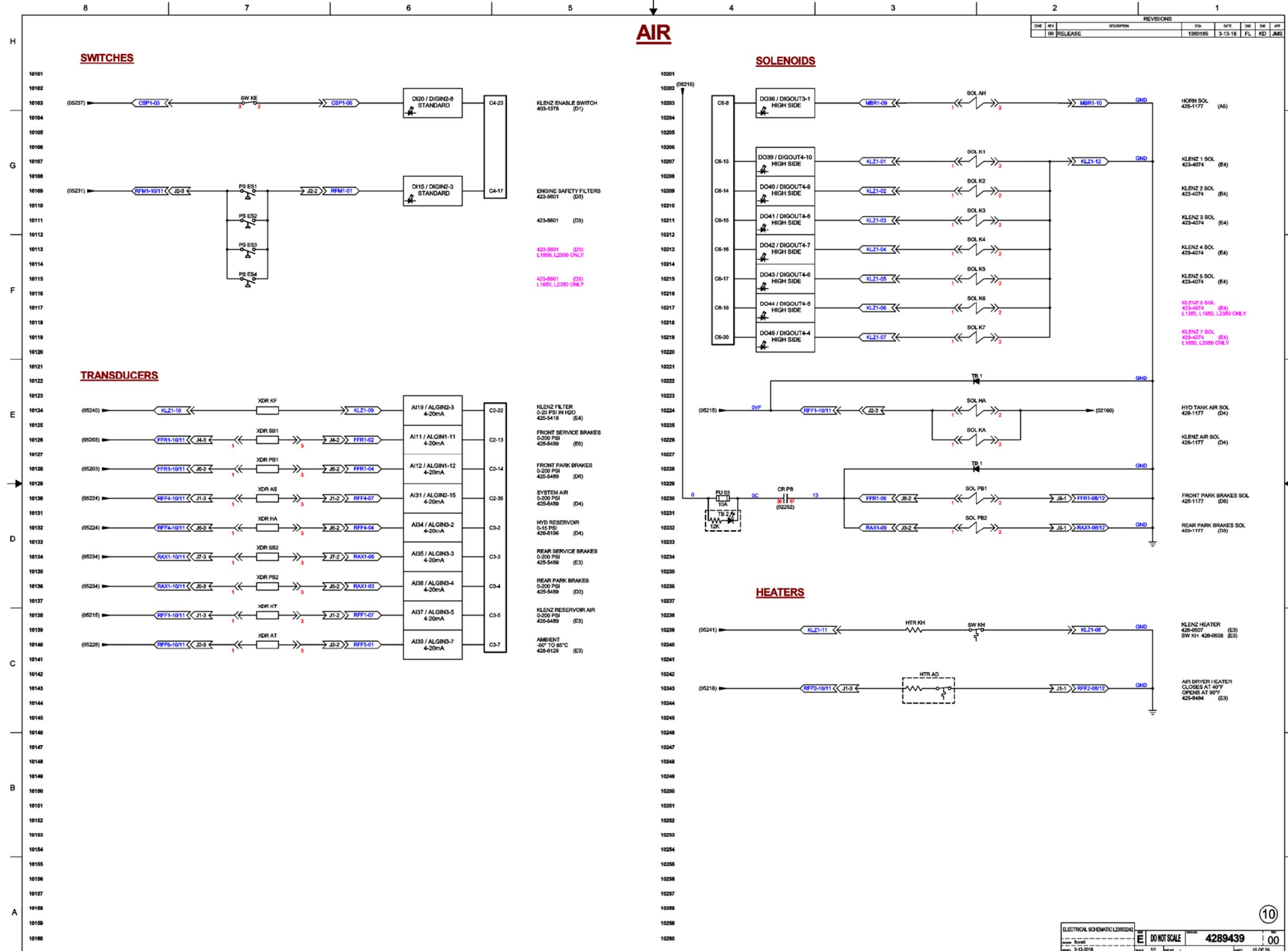
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CAN



ELECTRICAL SCHEMATIC

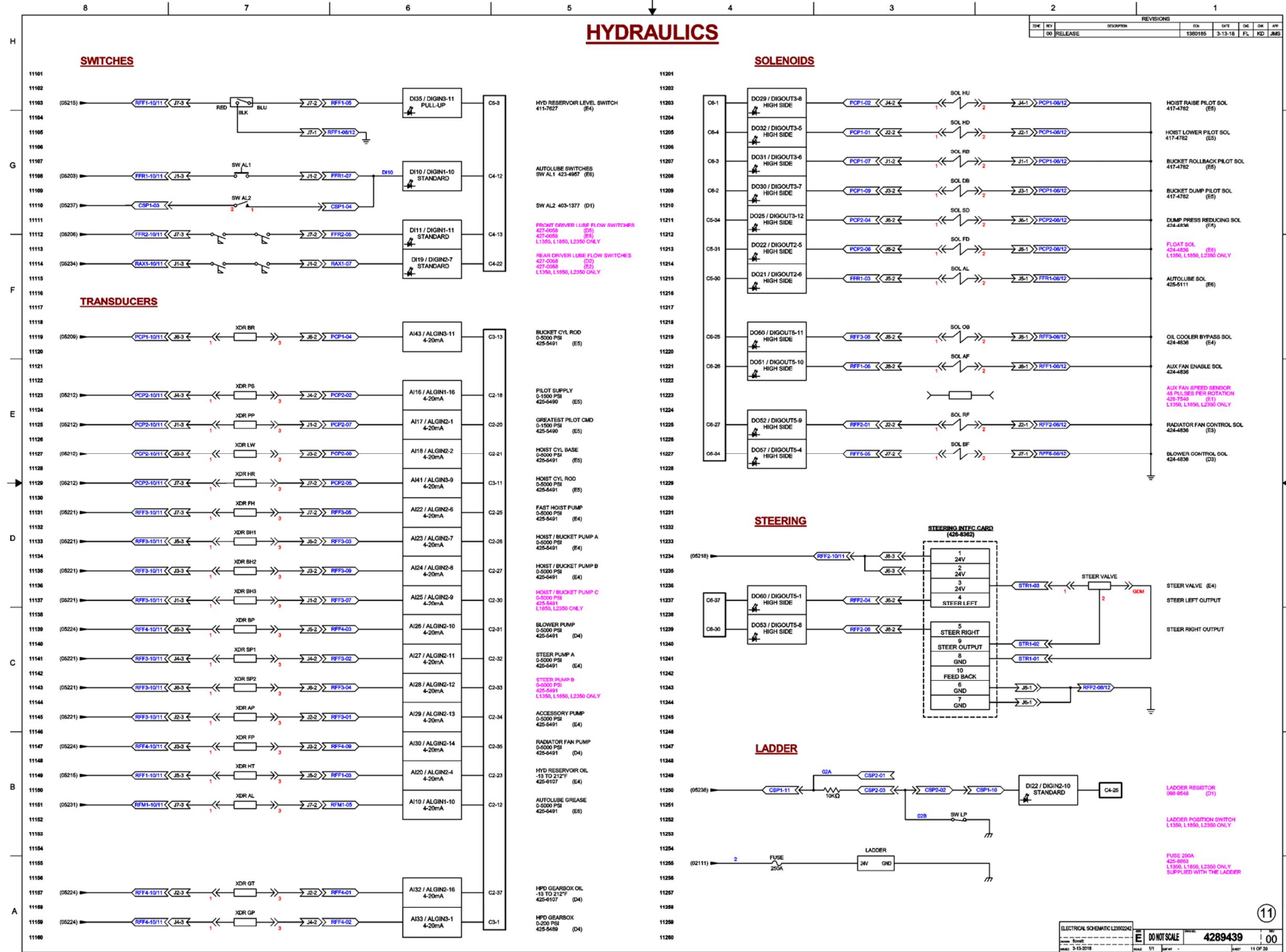
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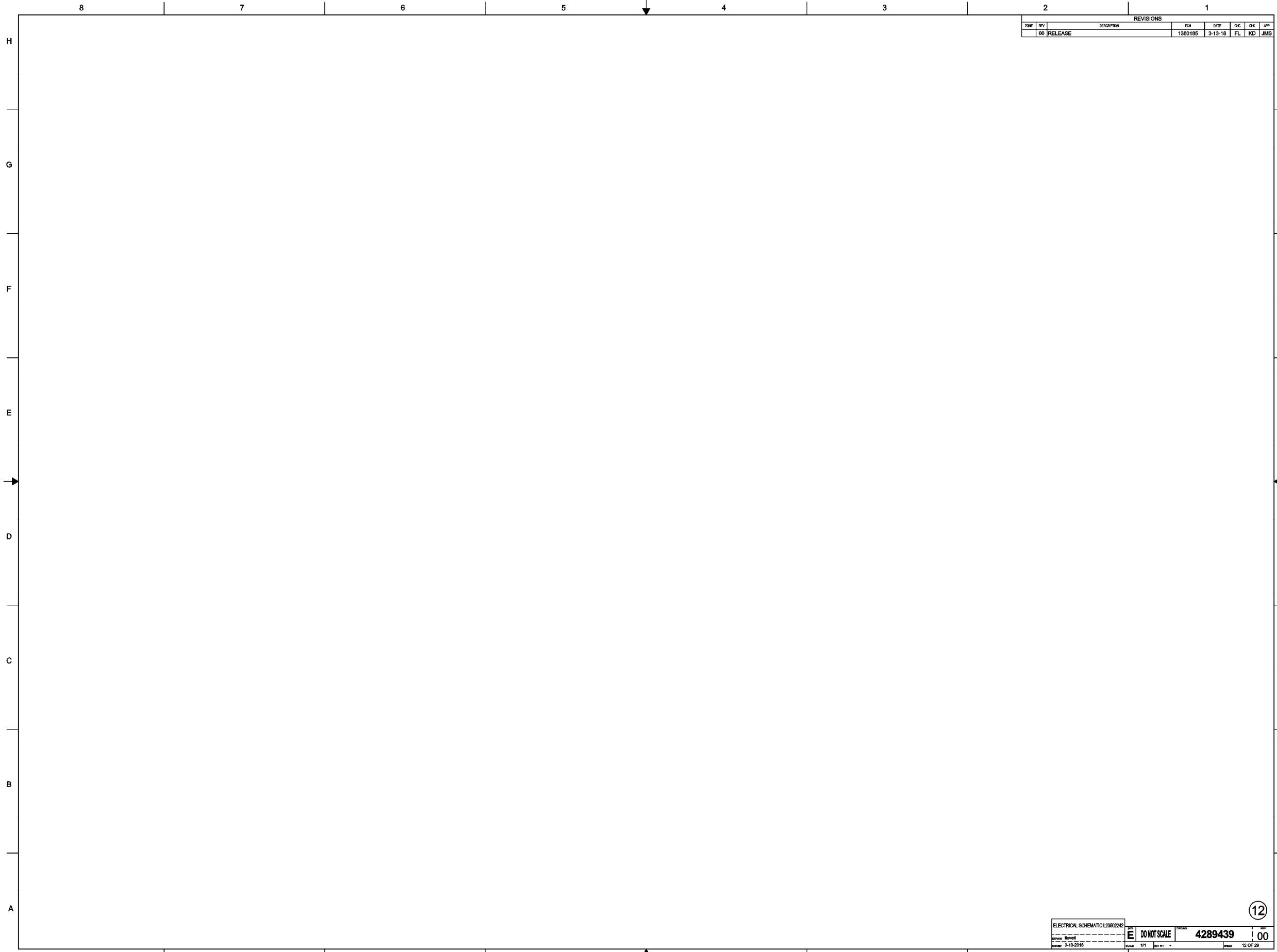
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HYDRAULICS



ELECTRICAL SCHEMATIC

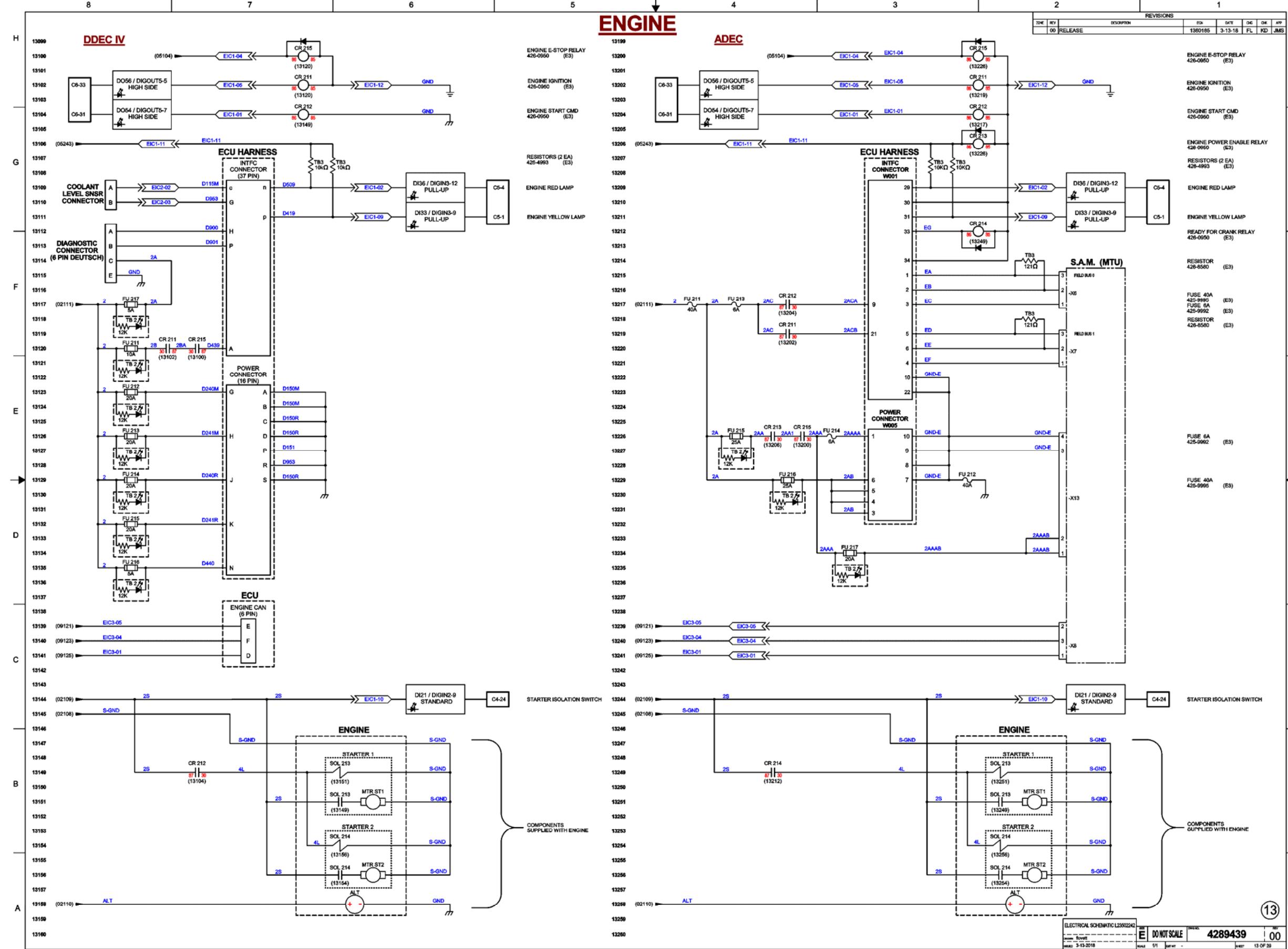
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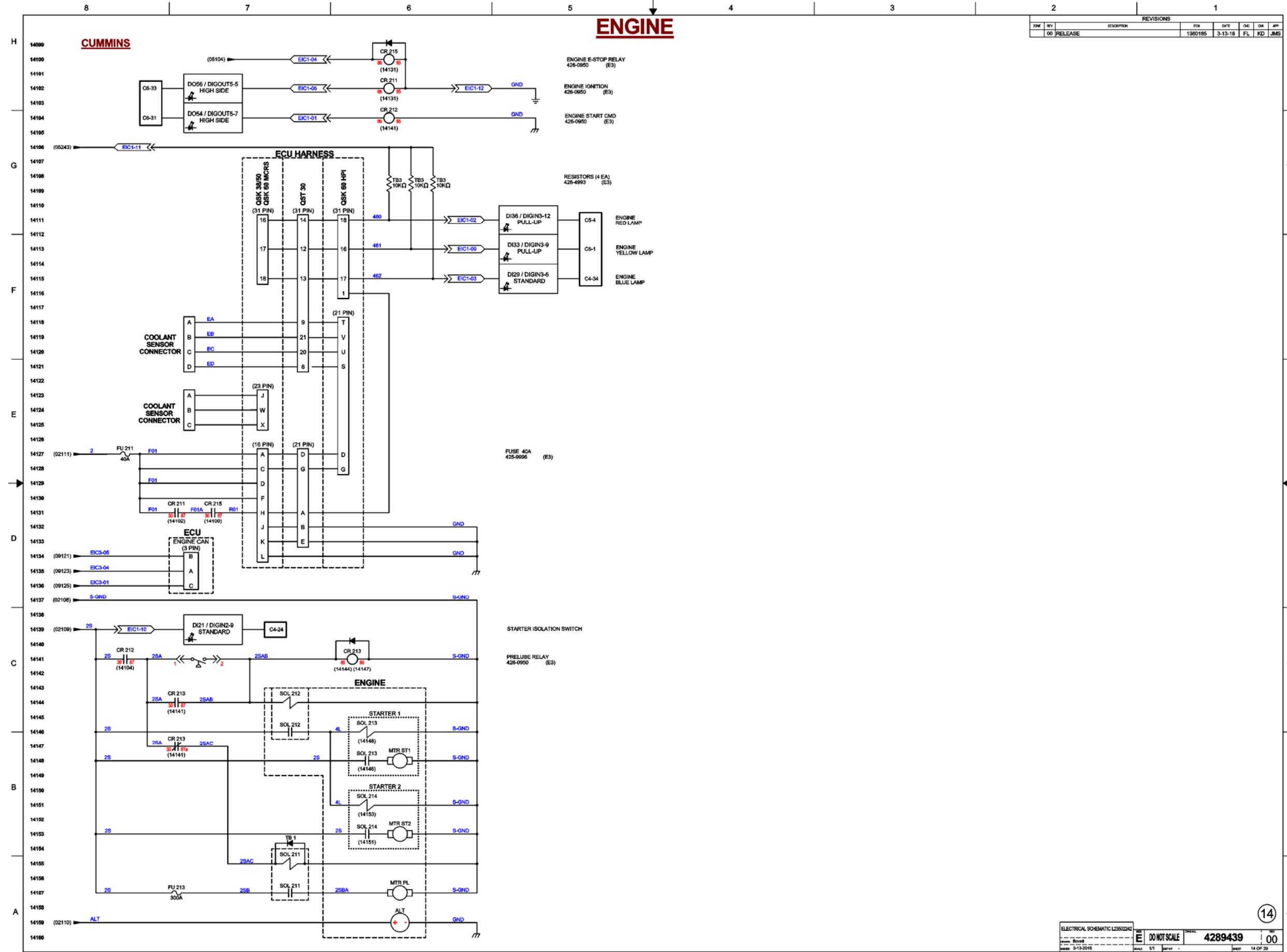
ENGINE



ELECTRICAL SCHEMATIC

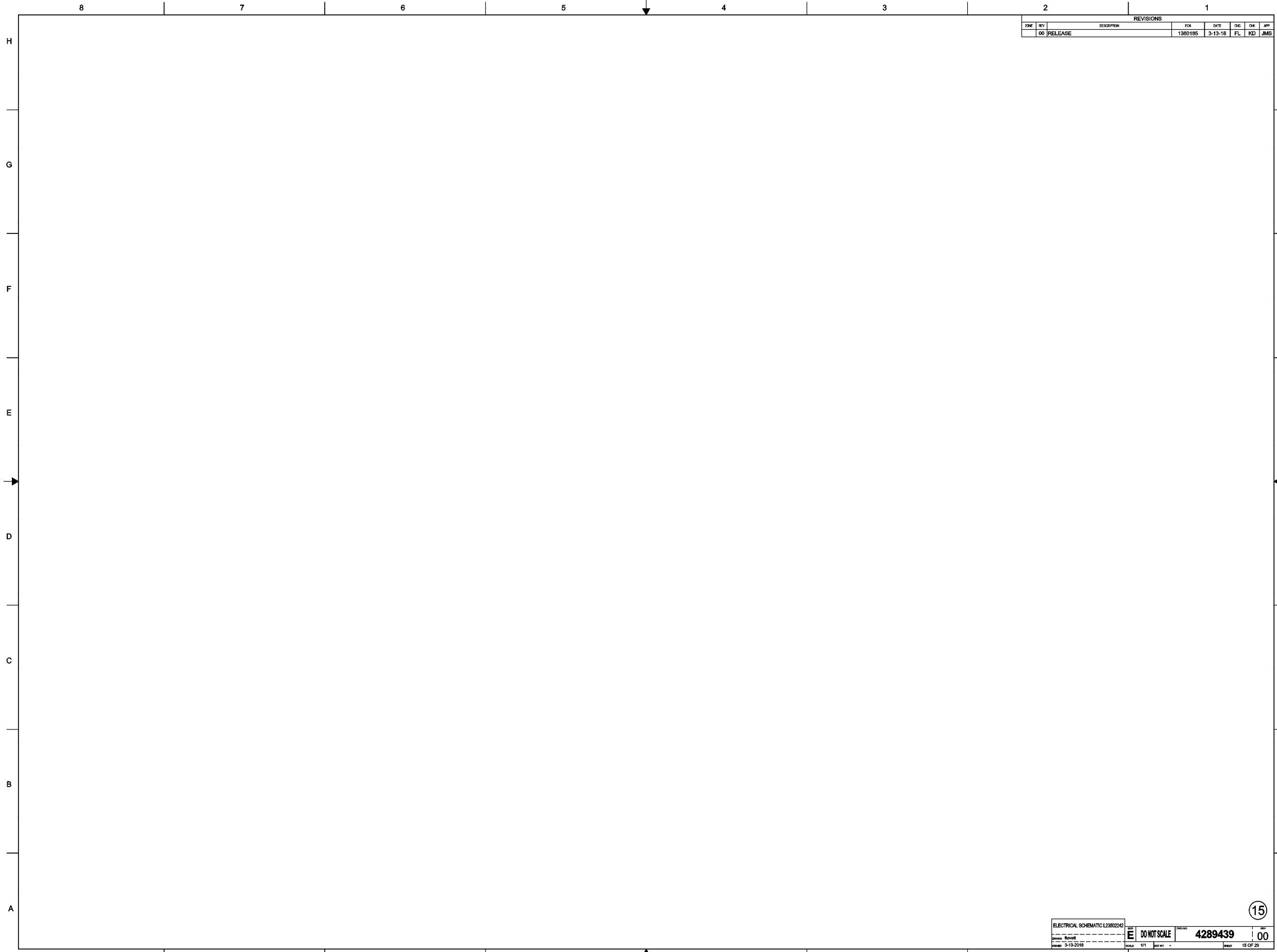
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ENGINE



ELECTRICAL SCHEMATIC

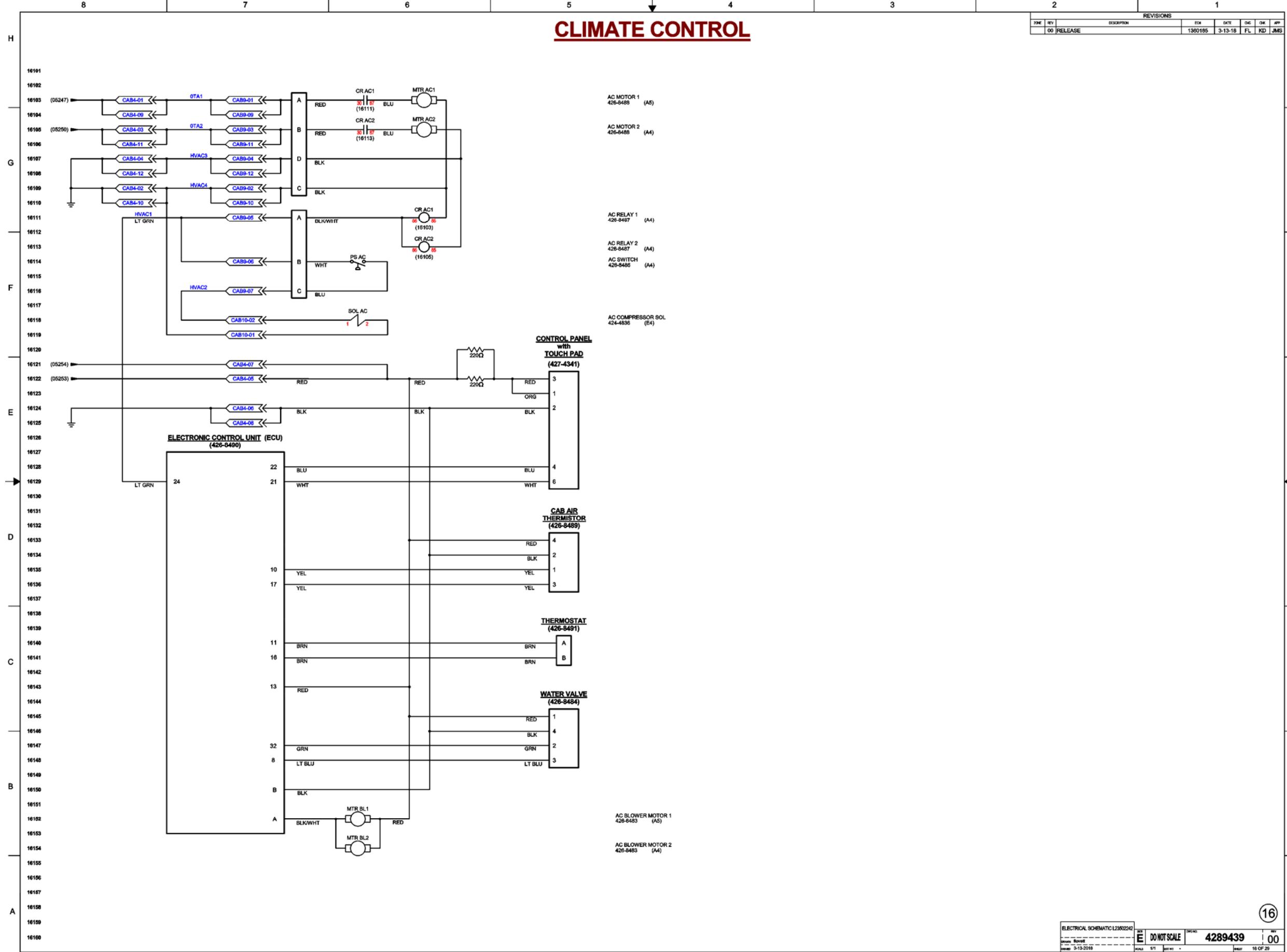
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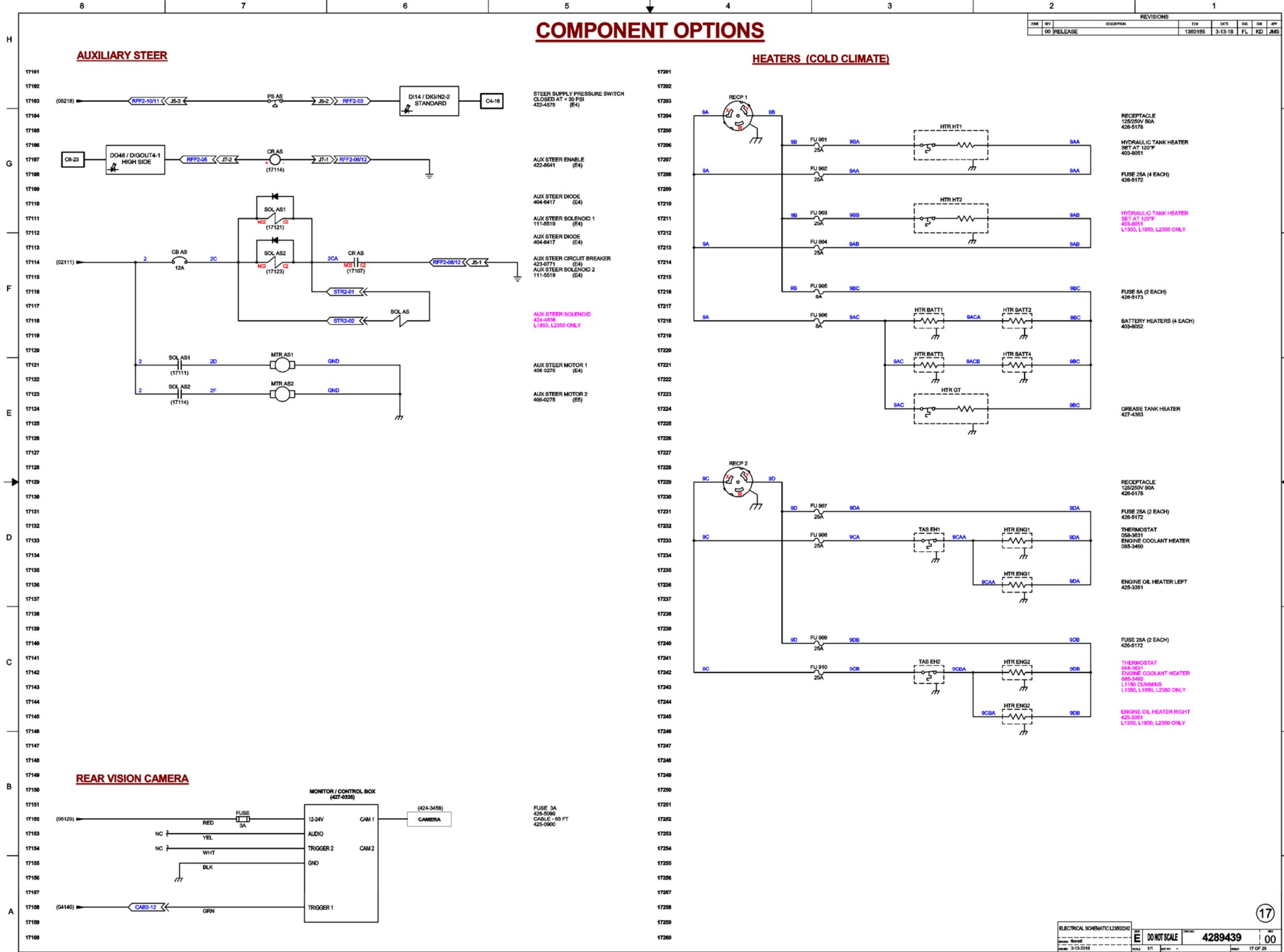
CLIMATE CONTROL



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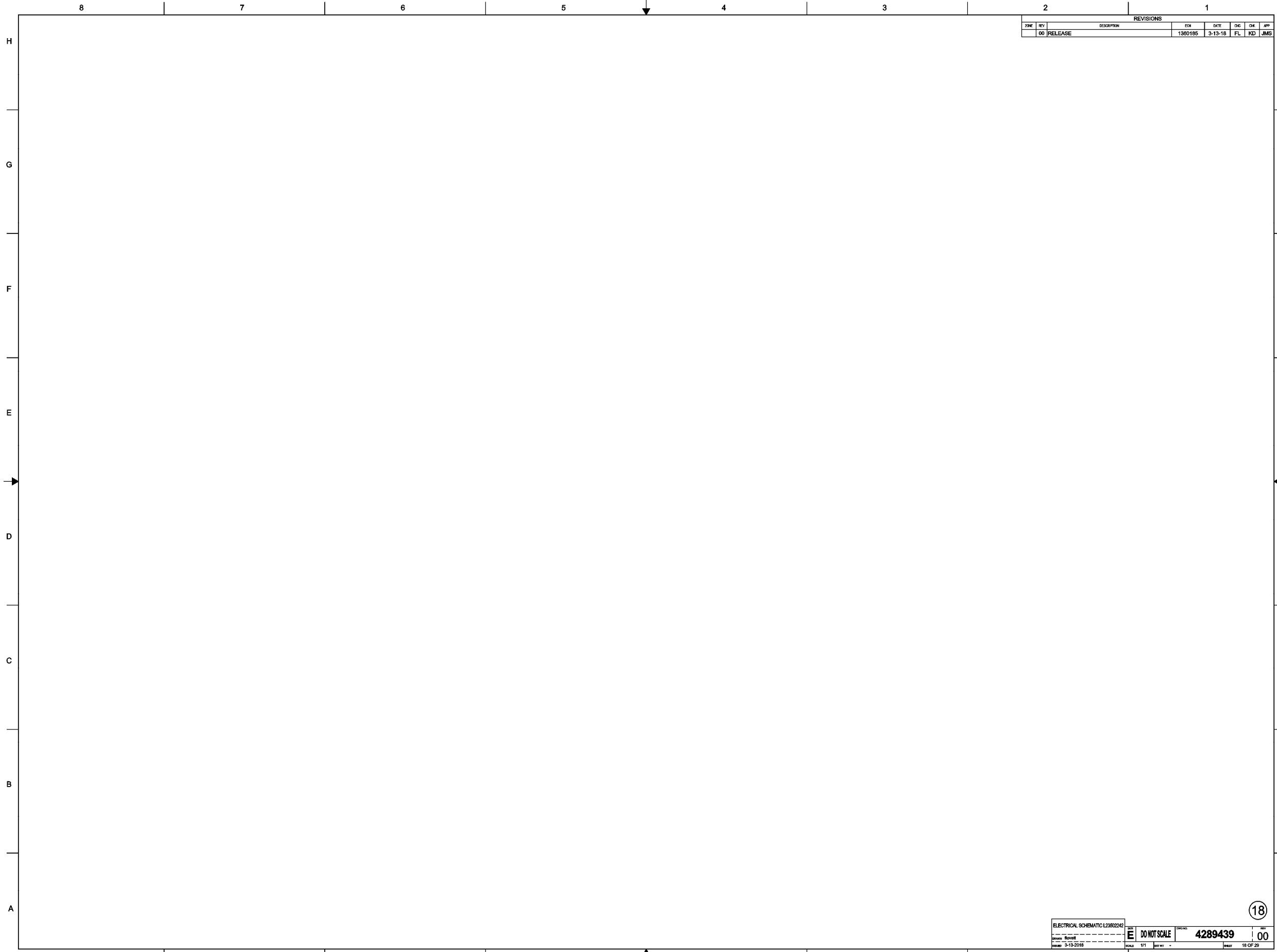
ELECTRICAL SCHEMATIC

COMPONENT OPTIONS



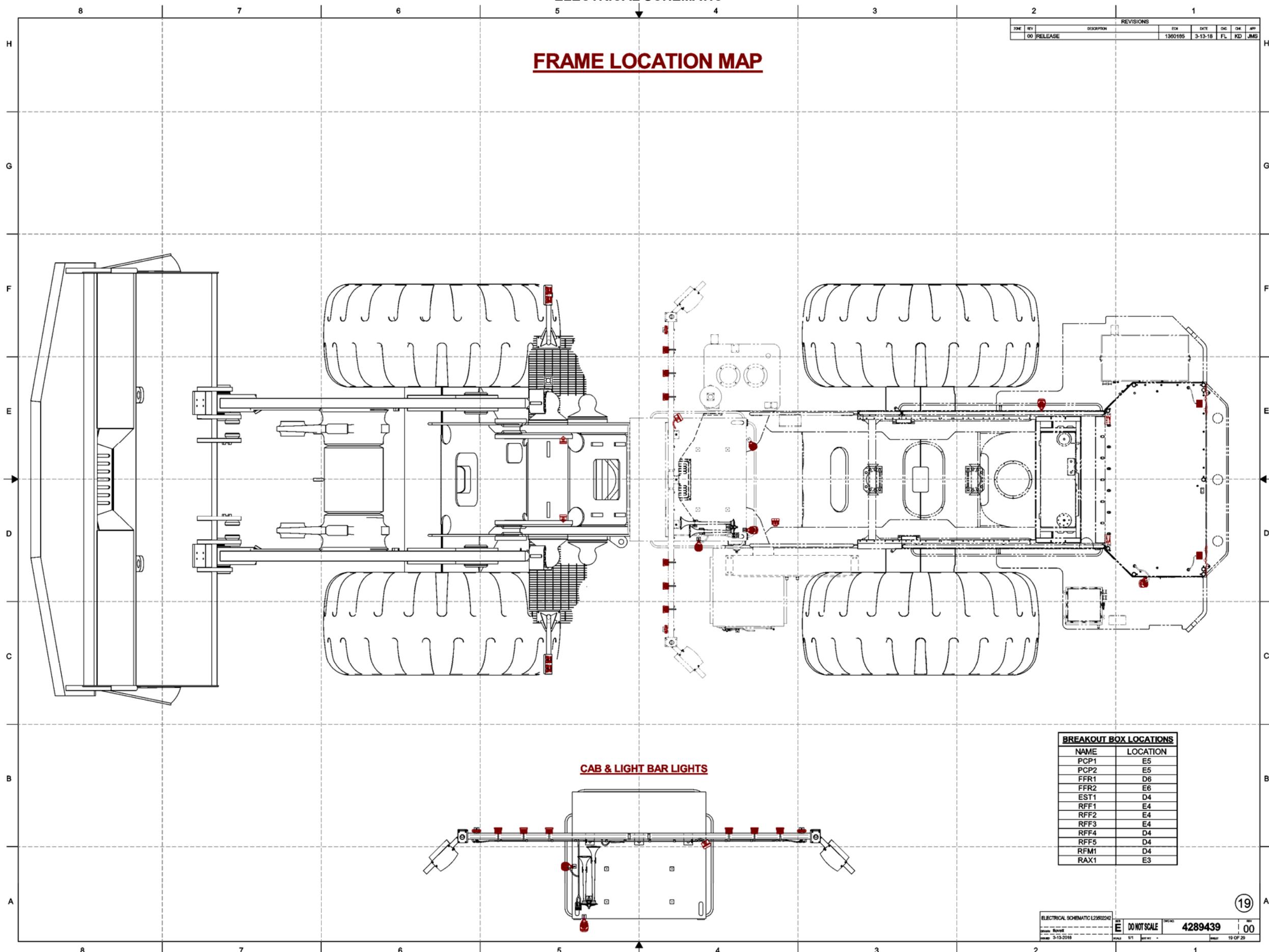
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REFERENCE INFORMATION

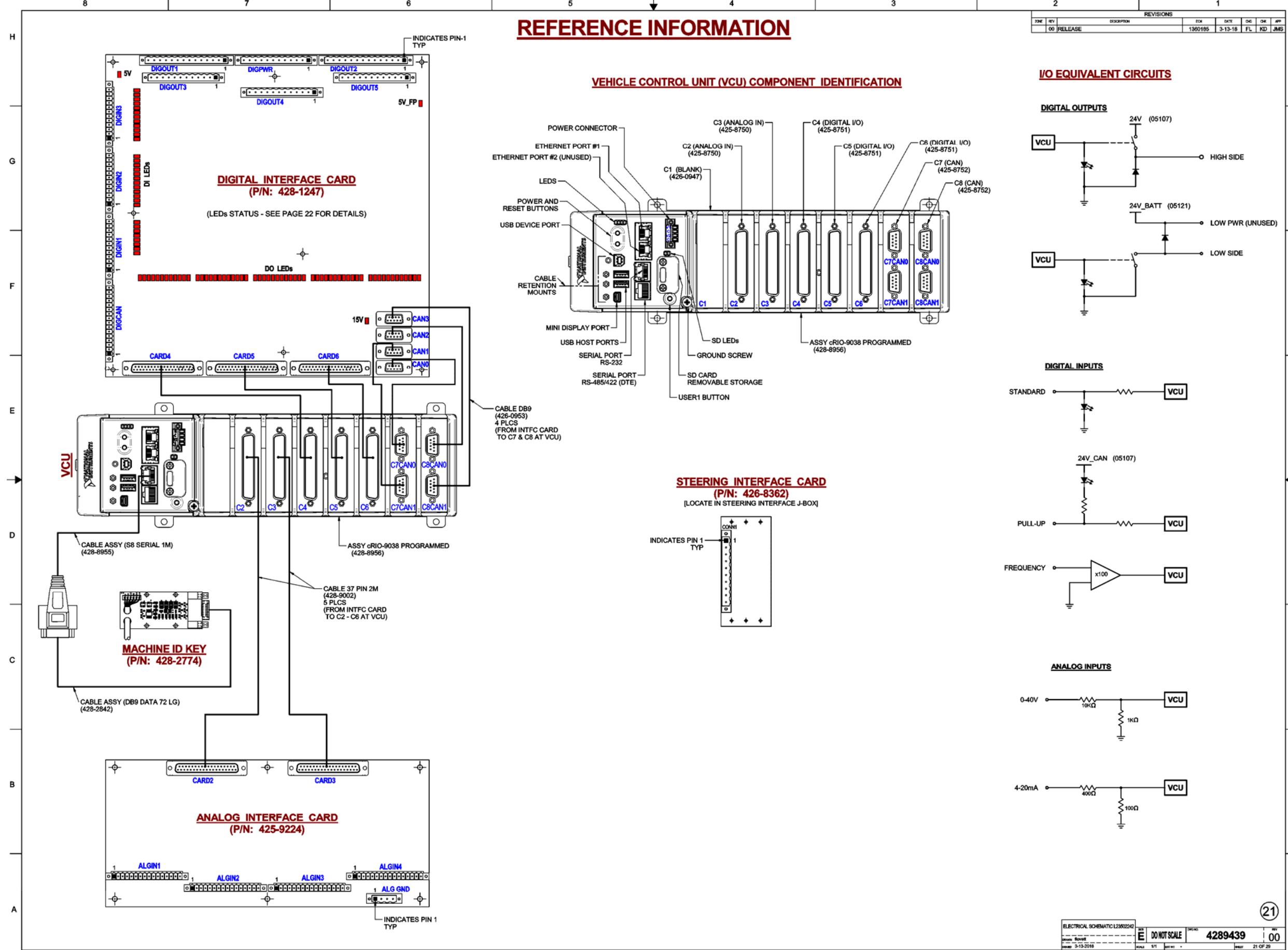
WIRE LOCATION CHART

WIRE CODE	LINE NO.	WIRE CODE	LINE NO.	WIRE CODE	LINE NO.	WIRE CODE	LINE NO.	WIRE CODE	LINE NO.	WIRE CODE	LINE NO.	WIRE CODE	LINE NO.
0	02106	2AB	13229	CAB4-01	05247,16103	DO37	04125	FPL1-01	04234	P1-1	03241	RFF4-01	11157
0B	02214	2AC	13217	CAB4-02	16109	DO38	04130	FPL1-02	04234	P1-2	03239	RFF4-02	11159
0BA	02220	2ACA	13217	CAB4-03	05250,16105	DO58	04138	FPL1-03	04236	P1-3	03241	RFF4-03	11139
0BB1	02223	2ACB	13219	CAB4-04	16107	EA	13215,14118	FPL1-04	04236	P1-4	03239	RFF4-04	10132
0BC	02223	2B	13120	CAB4-05	05253,16122	EB	13216,14119	FPL2-01	04238	P2-1	03246	RFF4-05	08150
0BD	02226,05125	2BA	13120	CAB4-06	16124	EC	13217,14120	FPL2-02	04238	P2-2	03244	RFF4-06	07307
0C	10230	2C	17114	CAB4-07	05254,16121	ED	13219,14121	FPL2-03	04240	P2-3	03246	RFF4-07	10130
0D	06103	2CA	17114	CAB4-08	16125	EE	13220	FPL2-04	04240	P2-4	03244	RFF4-08	06150
0E	06118	2D	17121	CAB4-09	05248,16104	GND	02143			P3-1	03251	RFF4-09	11147
0E1	03103	2F	17123	CAB4-10	16110	GND-E	13222,13226,			P3-2	03249	RFF4-10	05224,
0E1A	03103			CAB4-11	05251,16106	13229				P3-3	03251	10130,11139,	
0EA	06118	2S	02109,13144,	CAB4-12	16108					P3-4	03249	11147,11157	
			13156,13244,							R01	14131	RFF4-11	05225,
0F	05107		13256,14139	CAB5-01	09108							10130,11139,	11147,11157
0F1	05107			CAB5-02	09112	EIC1-01	13104,13204,	HVAC1	16111	RFF4-12	06150		
0F2	05111			CAB5-03	09110	EIC1-02	13109,13209,	HVAC2	16116				
0F2A	05111,06221			CAB5-04	09106	EIC1-03	14111	HVAC3	16107				
0F3	05115			CAB5-05	09104	EIC1-04	05104,13100,	HVAC4	16109				
0F4	05104					EIC1-05	13200,14000	IBN1-03	03128	RAX1-03	10136		
0FA	05107,05118					EIC1-06	13102,13202,	IBN1-04	03126	RAX1-05	10134		
0G	05123	3B	02205			EIC1-07	14102	KLZ1-01	10207	RAX1-07	11114		
0H	02158	4L	13149,13154,	CAB9-01	16103	EIC1-08	13111,13211,	KLZ1-02	10209	RAX1-08	10232		
0JA	04211		13249,13254,	CAB9-02	16109	EIC1-09	14113	KLZ1-03	10211	RAX1-09	10232		
0JB	04212		14146,14151	CAB9-03	16105	EIC1-10	13144,13244,	KLZ1-04	10213	RAX1-10	05234,10134,		
0K	04217	9A	17204,17218	CAB9-04	16107	EIC1-11	14139	KLZ1-05	10215	RAX1-11	05235,10134,		
0KA	04217	9AA	17206	CAB9-05	16111	EIC1-12	05243,13106,	KLZ1-06	10217	RAX1-12	10232		
0L	04221	9AB	17211	CAB9-06	16114		13206,14106	KLZ1-07	10219	RCL1-01	04257		
0LA	04221	9AC	17218	CAB9-07	16116			KLZ1-08	10239	RCL1-02	04257		
0LB	04221	9ACA	17218	CAB9-08	16104			KLZ1-09	10124	RCL1-03	04132		
0LC	04225	9ACB	17221	CAB9-09	16108			KLZ1-10	05240,10124	RCL1-04	04134		
0M	04234			CAB10-01	16119	EIC2-02	13109	KLZ1-11	05241,10239	RCL1-05	04127		
0MA	04234			CAB10-02	16118	EIC2-03	13110	KLZ1-12	10207	RCL1-06	04129		
0N	04238									RCL1-07	04138		
0NA	04238			CSP1-03	05237,10103,	EIC3-01	09125,13141,	LLC1-01	04211	RCL1-08	04229		
0P	04242				11110	EIC3-02	09128	LLC1-02	04212	RCL1-09	04229		
0PA	04242			CSP1-04	11110	EIC3-04	09123,13140,	LLC1-03	04212	RCL1-10	04127		
0R	04248			CSP1-05	10103		13240,14135	MBR1-01	04125	RCL1-11	04255		
0RA	04248			CSP1-07	04214	EIC3-05	09121,13139,	MBR1-02	04125	RCL1-12	04255		
0S	04255			CSP1-08	04211		13239,14134	MBR1-03	04242	RCL2-01	04219		
0SA	04255	9D	17229,17240	CSP1-09	04212			MBR1-04	04242	RCL2-02	04219		
0T	05247	9DA	17231,17236	CSP1-10	05238,11250	EST1-01	02132	MBR1-05	04244	RFF1-01	02155,02158		
0TA	05247	9DB	17240,17245	CSP1-12	04212	EST1-02	02136	MBR1-06	04244	RFF1-03	11149		
0TA1	16103	460	14111			EST1-03	02120	MBR1-07	04246	RFF1-04	06130		
0TA2	16105	461	14113	CSP2-01	11249	EST1-05	02121	MBR1-08	04246	RFF1-05	11103		
0V	05203	462	14115	CSP2-02	11250	EST1-06	02129	MBR1-09	10203	RFF1-06	11221		
0VA	05203			CSP2-03	11250	EST1-07	02128	MBR1-10	10203	RFF1-07	10138,11221		
0VC	05206	D115M	13109			EST1-08	02125	MBR1-11	04217	RFF1-08	02158,06132,		
0VD	05209	ALT	02110,13158,	CAB1-01	03103	EST1-09	02124	MBR1-12	04217	RFF1-10	05215,06130,		
0VE	05212		13258,14159,	CAB1-02	03112					SRC1-01	06203		
0VF	05215,10224			CAB1-03	06112					SRC1-03	06215		
0VG	05218	CAB1-04	06113	D150M	13123					SRC1-04	06207		
0VH	05221	CAB1-05		D150R	13125					SRC1-05	06212		
0VJ	05224	CAB1-06		D151	13127					SRC1-06	06221		
0W	05228	CAB1-07		D240M	13123					SRC1-10	06224		
0WA	05228	CAB1-08		D240R	13129					SRC1-11	06226		
0WC	05231	CAB1-09		D241M	13126					SRC1-12	06228		
0WD	05234	CAB1-10		D241R	13132					SRC2-01	09143		
0WE	05237	CAB1-11		D419	13111					SRC2-04	09141		
0WF	05240	CAB1-12		D439	13120					SRC2-05	09139		
0X	04201	CAB2-01	02208	D440	13135					SRC3-01	09155		

ELECTRICAL SCHEMATIC

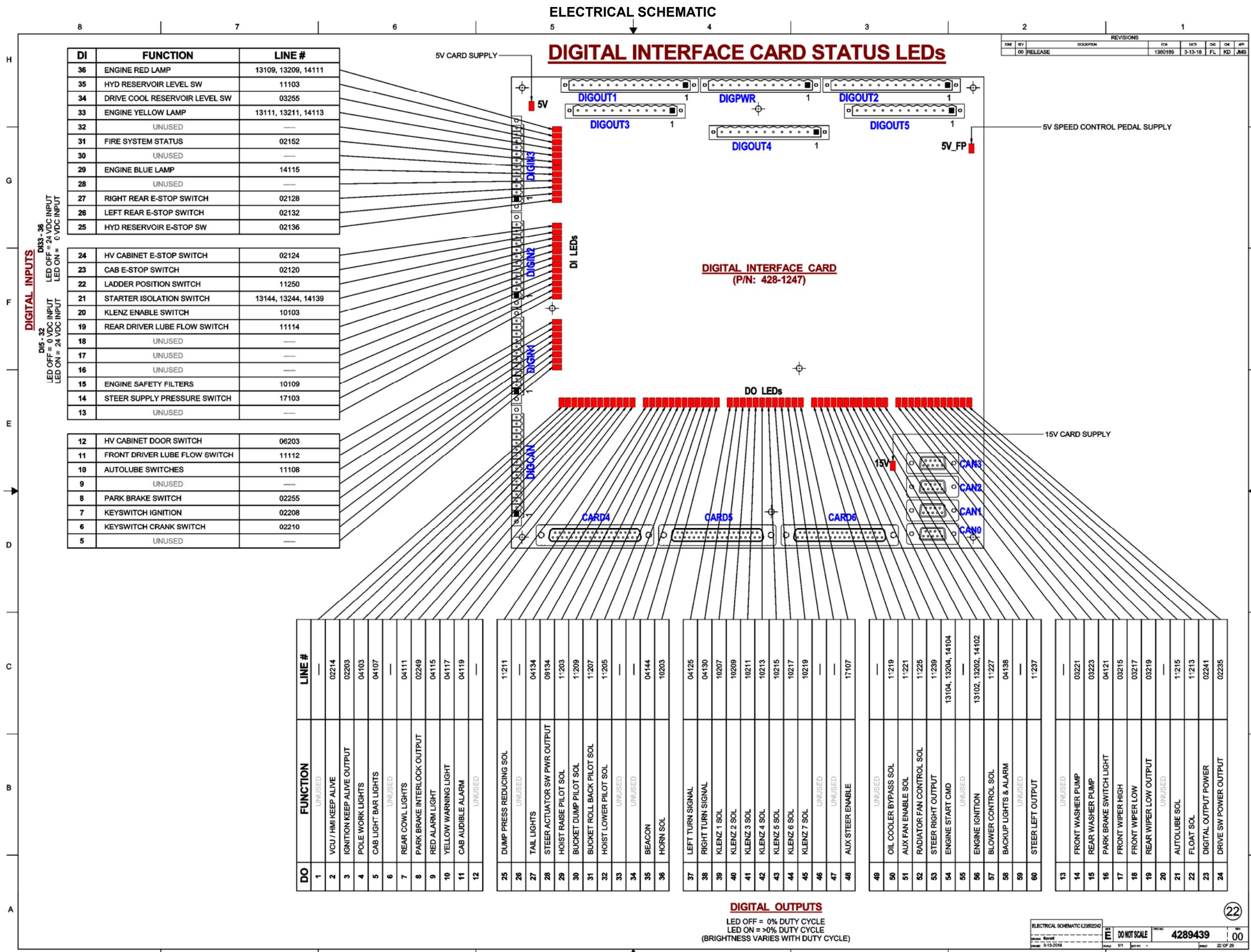
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REFERENCE INFORMATION



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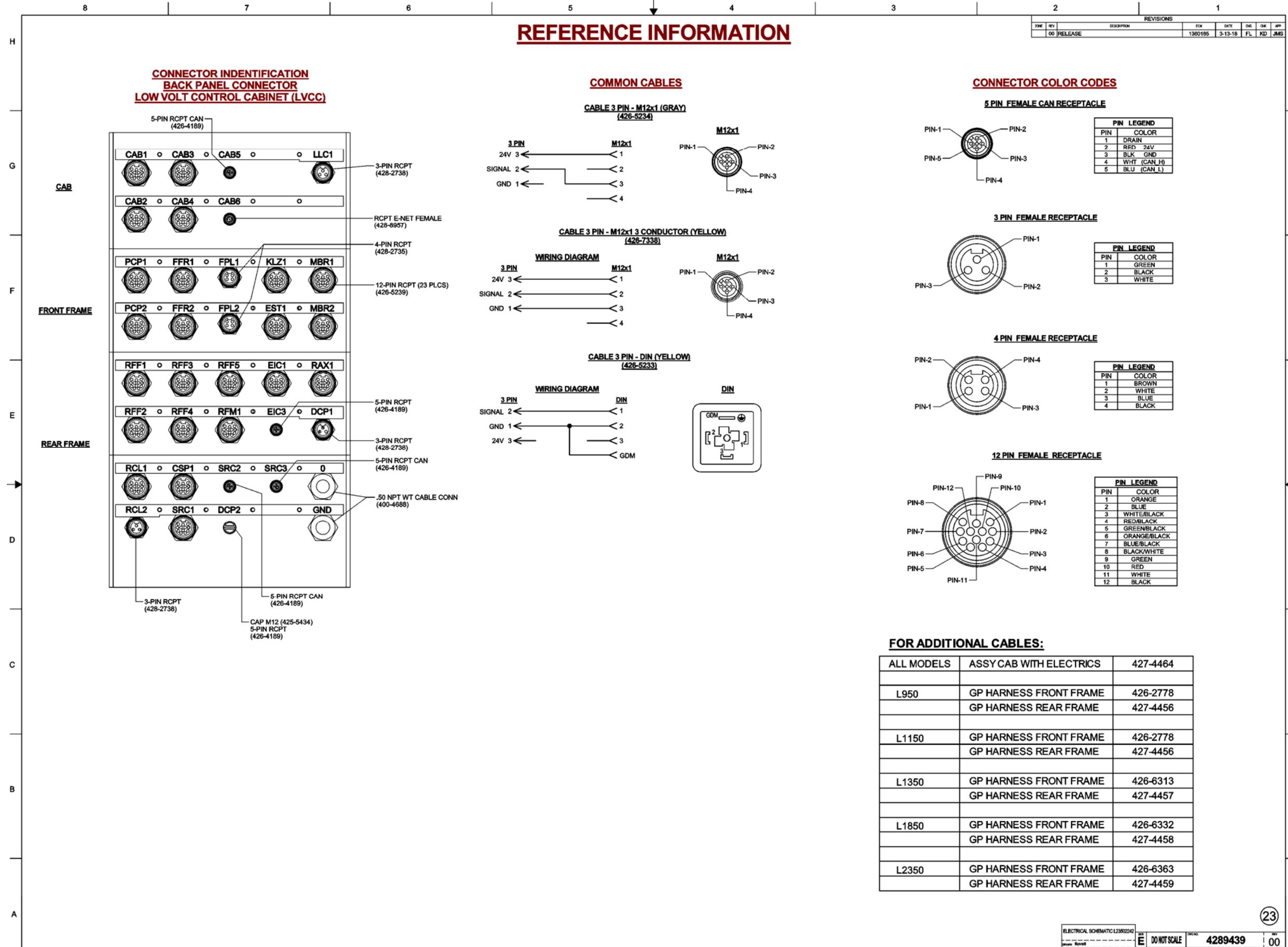
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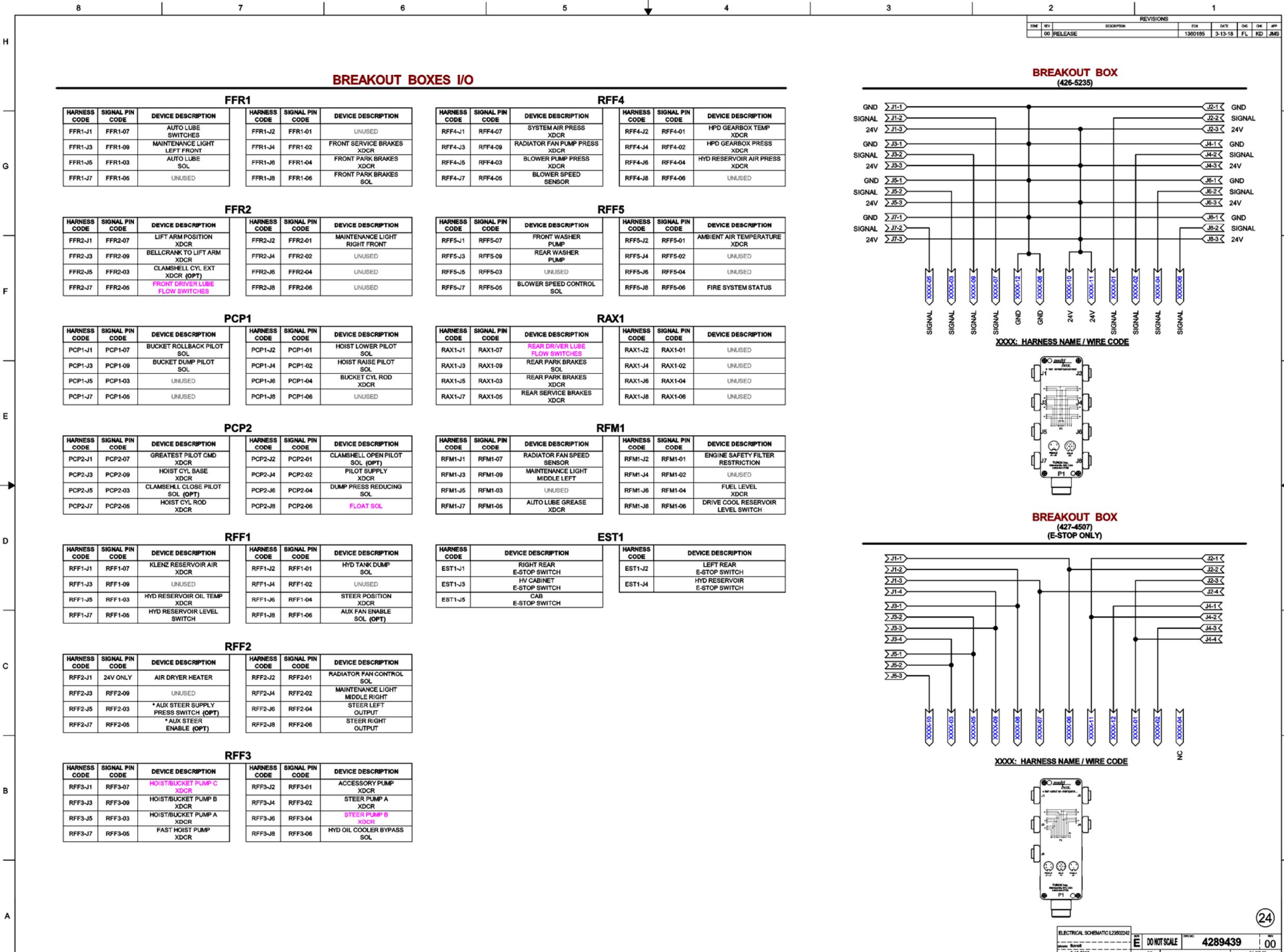
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REFERENCE INFORMATION



ELECTRICAL SCHEMATIC

ELECTRICAL SCHEMATIC



ELECTRICAL SCHEMATIC

ELECTRICAL SCHEMATIC

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NOTES

- 1) COLOR CODE**

BLUE:	WIRE CODE
RED:	CONNECTION PIN
ORANGE:	RPT / RTD HARNESS
GREEN:	M/S CONNECTION & TERMINATION
MAGENTA:	POWER / CONTROL HARNESS

2) CROSS REFERENCE

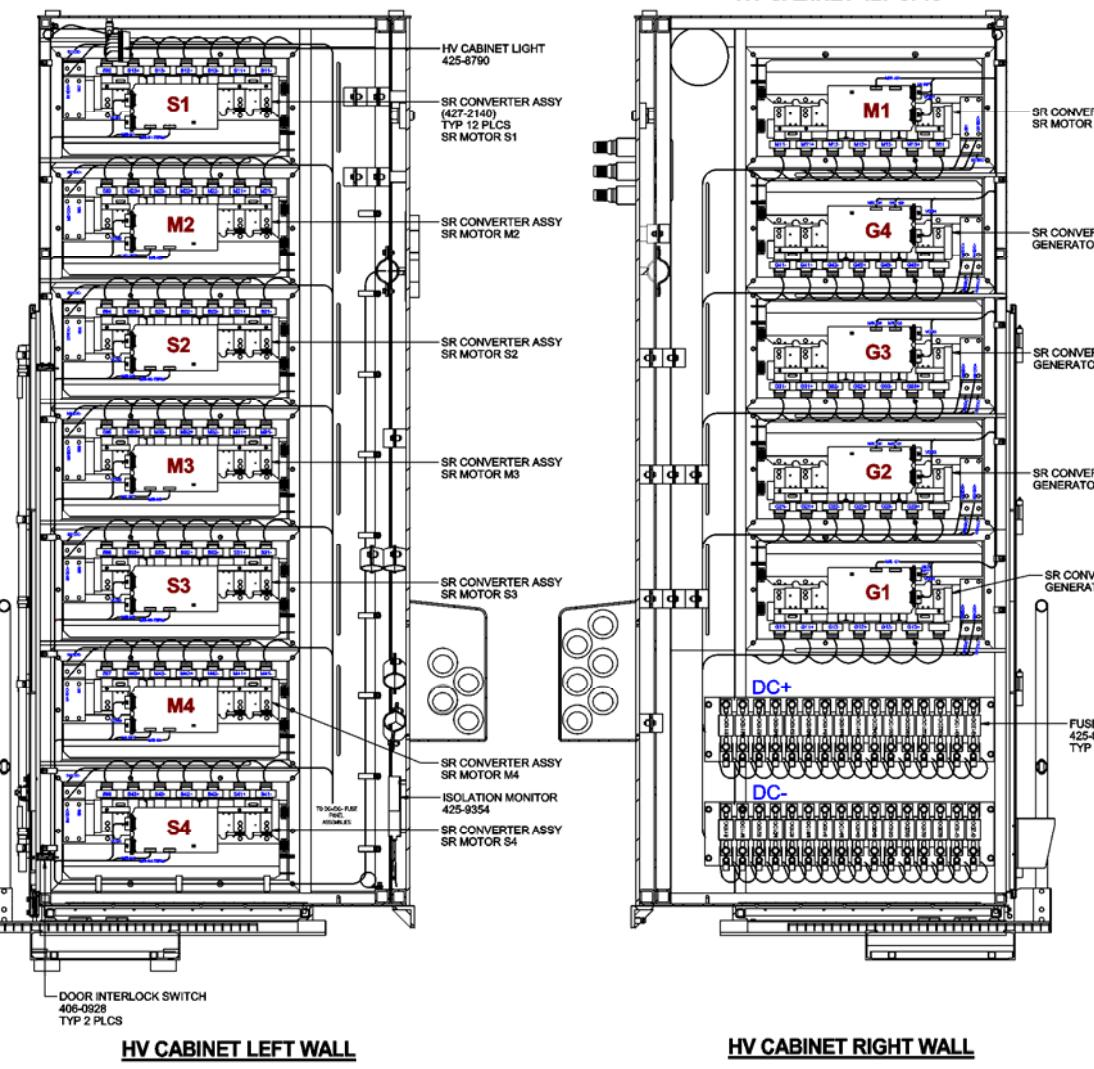
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SHEET NO. LINE NO.
COLUMN

3) POWER FLOWS LEFT TO RIGHT

4) MACHINE STATE:

- ALL LIGHTS OFF
- FUSES NOT BLOWN
- HV CABINET DOOR CLOSED

CONVERTER / FUSE PANELS LOCATION



CAL SCHEMATIC

4 | 3 | 2 | 1

ZONE	REV	DESCRIPTION	EDN	DATE	DEC	DR	PPM
00	RELEASE		1360185	3-13-16	FL	KD	JMS

24V ELECTRICS INTERFACE

24V MOTOR CONVERTER (06212) → 24V_BATT_1 (GRN/BLK) → SW IL1 → INTLK_NO (WHT/GRN) → SW IL2 → INTLK_COM (WHT/YEL) → 24V_LIGHT (LT HV PINK) → GND_1 (BLK)

24V GENERATOR CONVERTER (06221) → 24V_BATT_2 (ORG/BLK) → ORG

DRIVE SW POWER OUT (06215) → 24V_ENABLE (WHT/BLK) → YEL

ISOLATION MONITOR (L1(+), 1, 2, 5, 6, GND, GND_3, GF_DETECT, GND_2, GND_1) → TO FUSE PANEL DC-, TO MACHINE FRAME GROUND, HV BUS ISOLATION (06207), GND (06226), GND (06224)

HV CABINET DOOR INTERLOCK SW

CAN INTERFACE

CAN1_HI (09141) → CAN1_HI (WHT) → YEL

CAN1_LOW (09139) → CAN1_LOW (BLU) → GRN

CAN1_GND (09143) → CAN1_GND (DRAIN) → BLK

TWISTED → (26106)

**G2 L2350
HV CABINET SCHEMATIC**

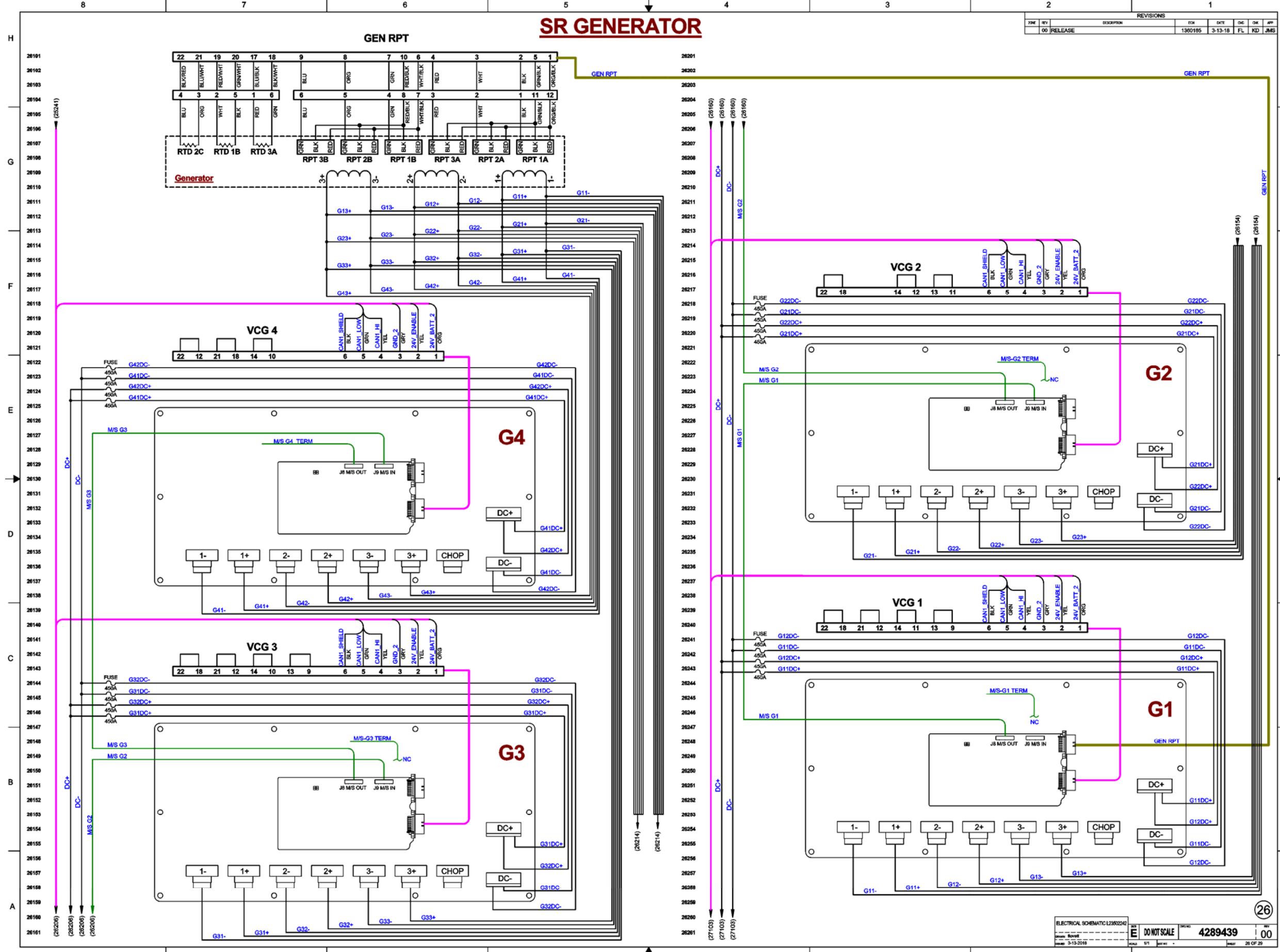
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G2 L2350
HV CABINET SCHEMATIC

ELECTRICAL SCHEMATIC

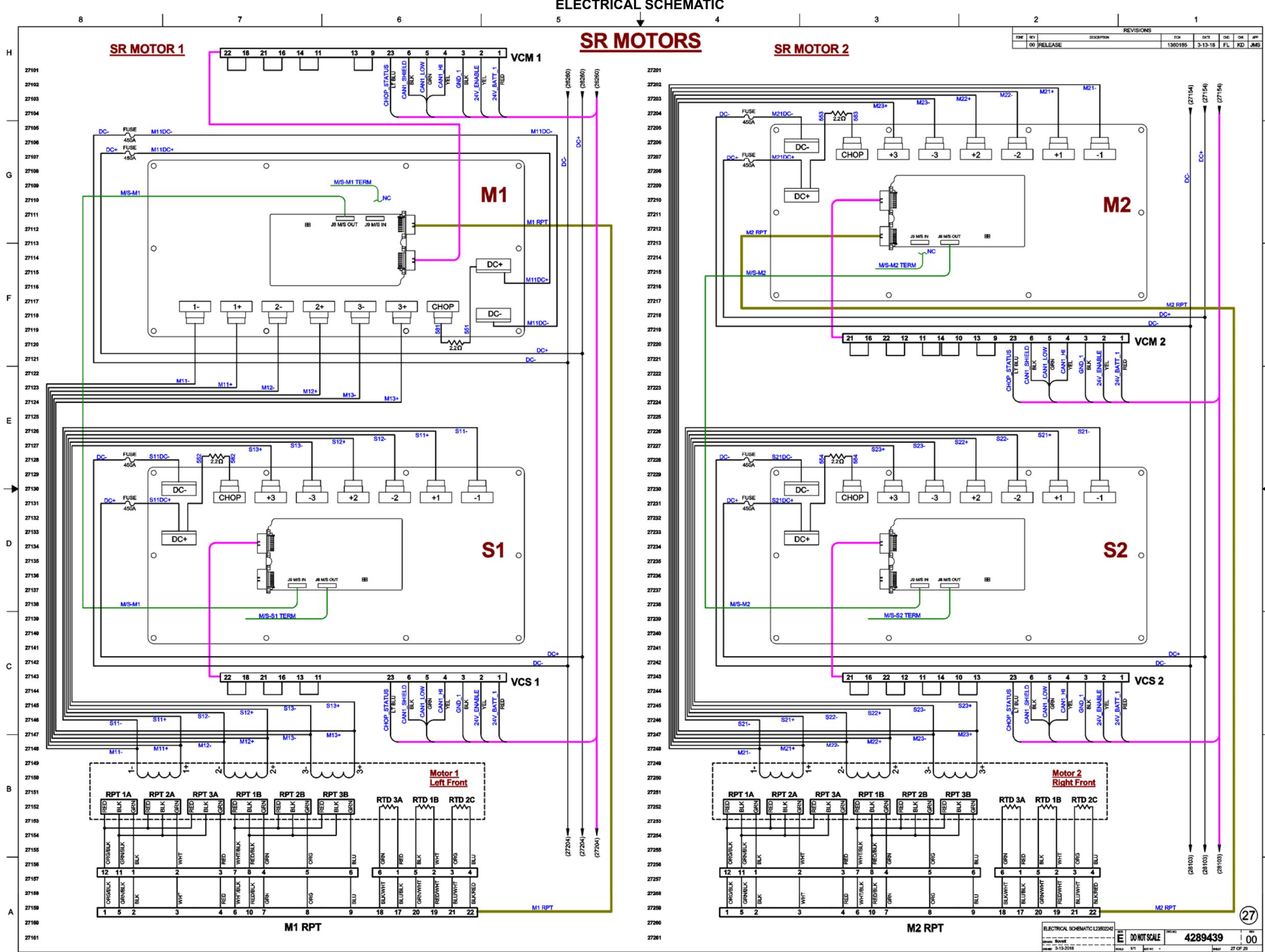
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SR GENERATOR



ELECTRICAL SCHEMATIC

ELECTRICAL SCHEMATIC



ELECTRICAL SCHEMATIC

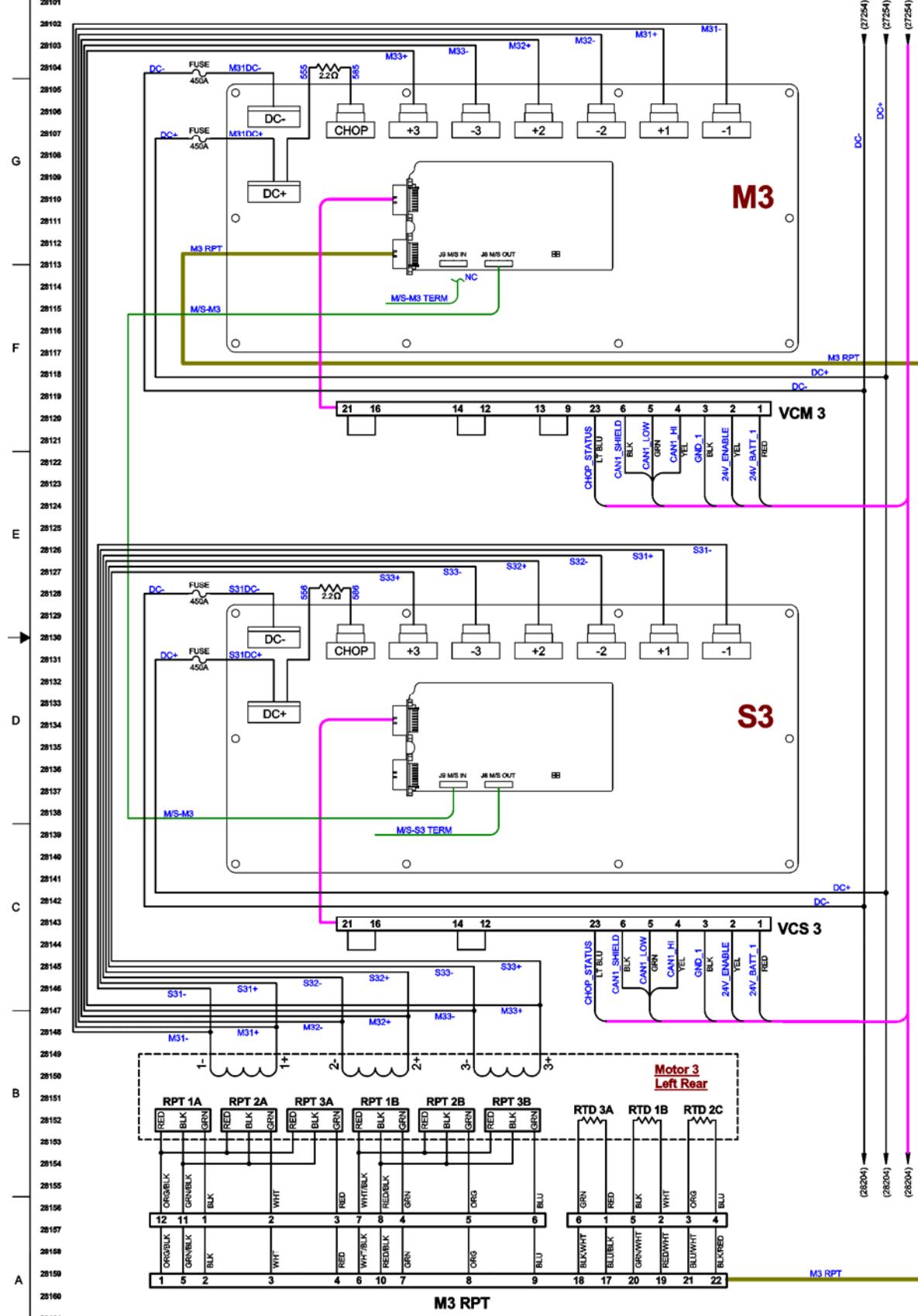
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SR MOTORS (CONT.)

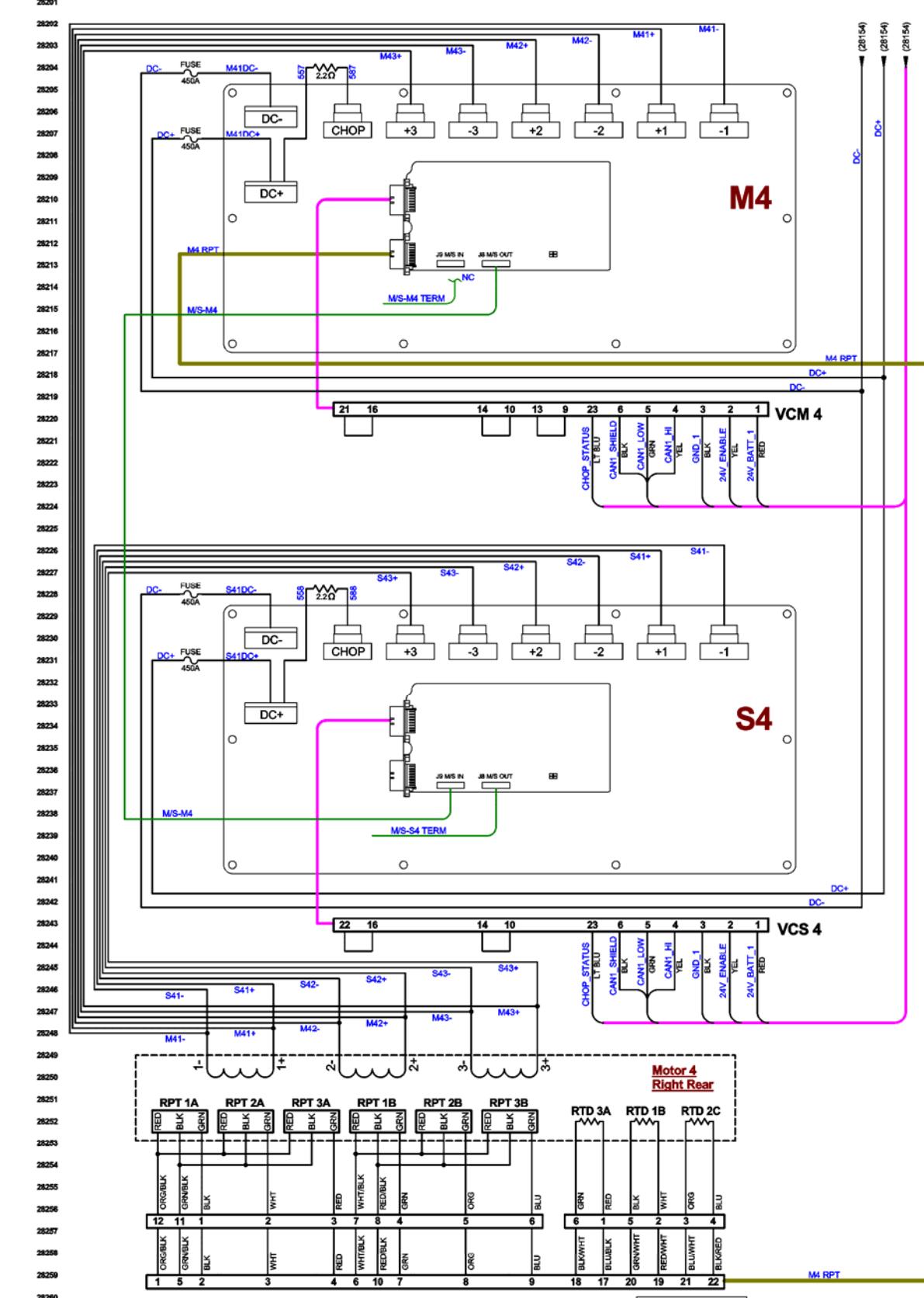
SR MOTOR 4

REVISIONS					
DESCRIPTION	EDN	DATE	CHG	CHK	APP
	1360185	3-13-18	FL	KD	JMS

SR MOTOR 3



SR MOTOR 4



ELECTRICAL SCHEMATIC

ELECTRICAL SCHEMATIC

REFERENCE INFORMATION - DRIVE SYSTEM

DRIVE SYSTEM WIRE LOCATION CHART

WIRE CODE	LINE NO.	WIRE CODE	LINE NO.	WIRE CODE	LINE NO.	WIRE CODE	LINE NO.
24V_BATT 1	25204,	DC-	26152,26252,	M/S M1	27109,27138	S21-	27225,27246
	27103,27146,		27105,27121,	M/S M1 TERM	27109	S21+	27226,27245
	27222,27246,		27128,27142,	M/S M2	27215,27238	S21DC-	27228
	28122,28146,		27204,27218,	M/S M2 TERM	27214	S21DC+	27231
	28222,28246		27228,27242,	M/S M3	28115,28138	S22-	27226,27245
			28104,28118,	M/S M3 TERM	28114	S22+	27226,27245
24V_BATT 2	25220,		28128,28142,	M/S M4	28215,28238	S23-	27226,27245
	26121,26143,		28204,28218,	M/S M4 TERM	28214	S23+	27227,27244
	26217,26240		28228,28242				
24V_ENABLE	25214,			M/S G1	26223,26246	S31-	28125,28146
	26121,26143,			M/S G1 TERM	26245	S31+	28126,28145
	26217,26240,			M/S G2	26149,26222	S31DC-	28128
	27103,27146,			M/S G2 TERM	26222	S31DC+	28131
	27222,27246,			M/S G3	26127,26148	S32-	28126,28145
	28122,28146,			M/S G3 TERM	26148	S32+	28126,28145
	28222,28246			M/S G4 TERM	26127	S33-	28126,28145
24V_LIGHT	25206					S33+	28127,28144
						S41-	28225,28246
551	27119			M/S S1 TERM	27139	S41+	28226,28245
552	27128			M/S S2 TERM	27239	S41DC-	28228
553	27204			M/S S3 TERM	28139	S41DC+	28231
554	27228			M/S S4 TERM	28239	S42-	28226,28245
555	28104					S42+	28226,28245
556	28128			M1 RPT	27112,27159	S43-	28226,28245
557	28204			M11-	27122,27148	S43+	28227,28244
558	28228			M11+	27123,27147		
		G11-	26110,26258	M11DC-	27105,27118	SRC1-01	25203
		G11+	26110,26258	M11DC+	27106,27115	SRC1-03	25214
		G11DC-	26241,26255	M12-	27123,27147	SRC1-04	25215
		G11DC+	26243,26252	M12+	27123,27147	SRC1-05	25204
		G12-	26111,26258	M13-	27123,27147	SRC1-06	25220
		G12+	26111,26257	M13+	27124,27146	SRC1-10	25222
		G12DC-	26241,26256	M2 RPT	27212,27217,27259	SRC1-11	25217
		G12DC+	26242,26253	M21-	27202,27248	SRC1-12	25213
		G13-	26111,26257	M21+	27202,27247		
		G13+	26111,26257	M21DC-	27204	SRC2-01	25230
				M21DC+	27207	SRC2-04	25226
CAN1_HI	25226,			M22-	27202,27247	SRC2-05	25228
	26121,26142,			M22+	27202,27247		
	26216,26239,			M23-	27203,27247		
	27103,27146,			M23+	27203,27246		
	27222,27246,						
	28122,28146,			M3 RPT	28112,28117,28159		
	28222,28246			M31-	28102,28148		
CAN1_LOW	25228,			M31+	28102,28147		
	26121,26142,			M31DC-	28104		
	26216,26239,			M31DC+	28107		
	27103,27146,			M32-	28102,28147		
	27222,27246,			M32+	28102,28147		
	28122,28146,			M33-	28103,28147		
	28222,28246			M33+	28103,28146		
CAN1_SHIELD	25230,			M4 RPT	28212,28217,28259		
	26121,26142,			M41-	28202,28248		
	26216,26239,			M41+	28202,28247		
	27103,27146,			M41DC-	28204		
	27222,27246,			M41DC+	28207		
	28122,28146,			M42-	28202,28247		
	28222,28246			M42+	28202,28247		
CHOP_STATUS	27103, 27146,			M43-	28203,28247		
	27222,27246,			M43+	28203,28246		
	28122,28146,						
	28222,28246			S11-	27125,27146		
				S11+	27126,27145		
		G41-	26116,26139	S11DC-	27128		
		G41+	26116,26139	S11DC+	27131		
		G41DC-	26123,26136	S12-	27126,27145		
		G41DC+	26124,26133	S12+	27126,27145		
		G42-	26116,26138	S13-	27126,27145		
		G42+	26116,26138	S13+	27127,27144		
DC+	26151,26251,						
	27106,27120,						
	27131,27141,						
	27207,27218,						
	27231,27241,						
	28107,28118,						
	28131,28141,						
	28207,28218,						
	28231,28241		INTLK_NO	25202			
			INTLK_COM	25206			

REVISIONS							
REV	DESCRIPTION	FDN	DATE	DG	DK	APP	JMS
00	RELEASE		1360185	3-13-16	FL	KD	

ELECTRICAL SCHEMATIC L2360242
DRAWN: Bozell
CHECKED: _____
APPROVED: _____
4289439 00
29 OF 29

ELECTRICAL SCHEMATIC

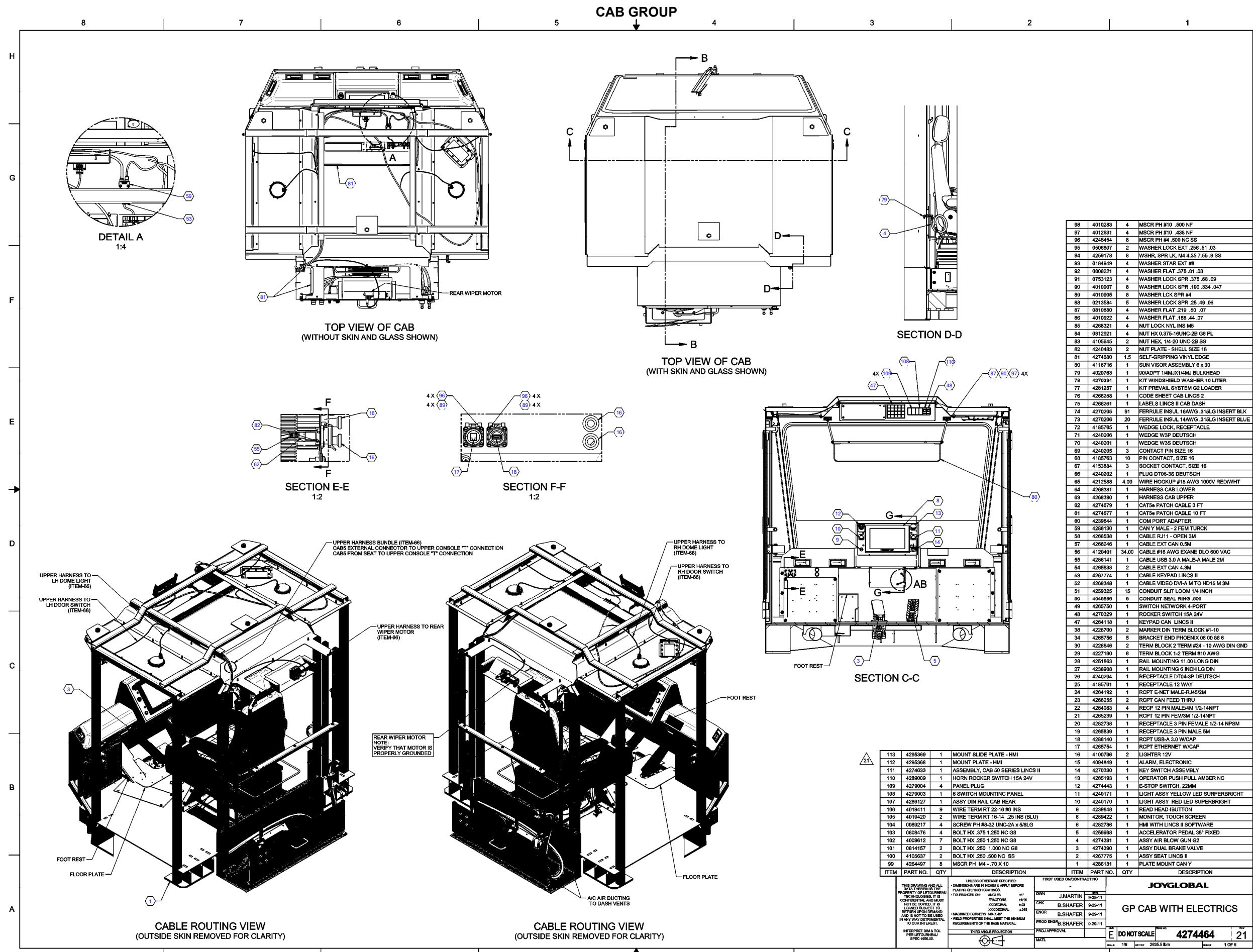
**L-2350-2242 PARTS MANUAL
ELECTRICAL SCHEMATIC**

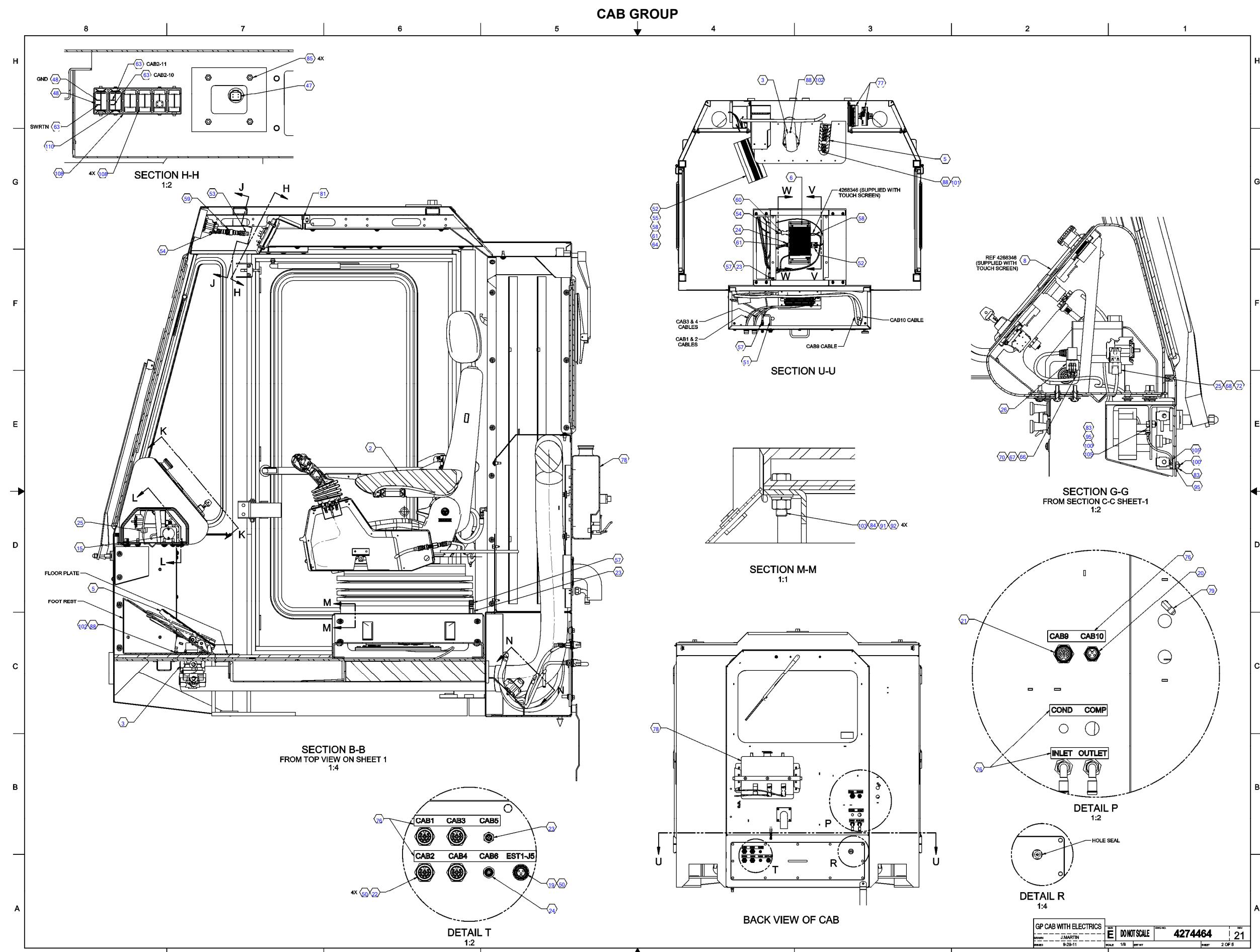
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4289439		ELECTRICAL SCHEMATIC		
			NOTE:		
			· NO ASSOCIATED PARTS LIST		

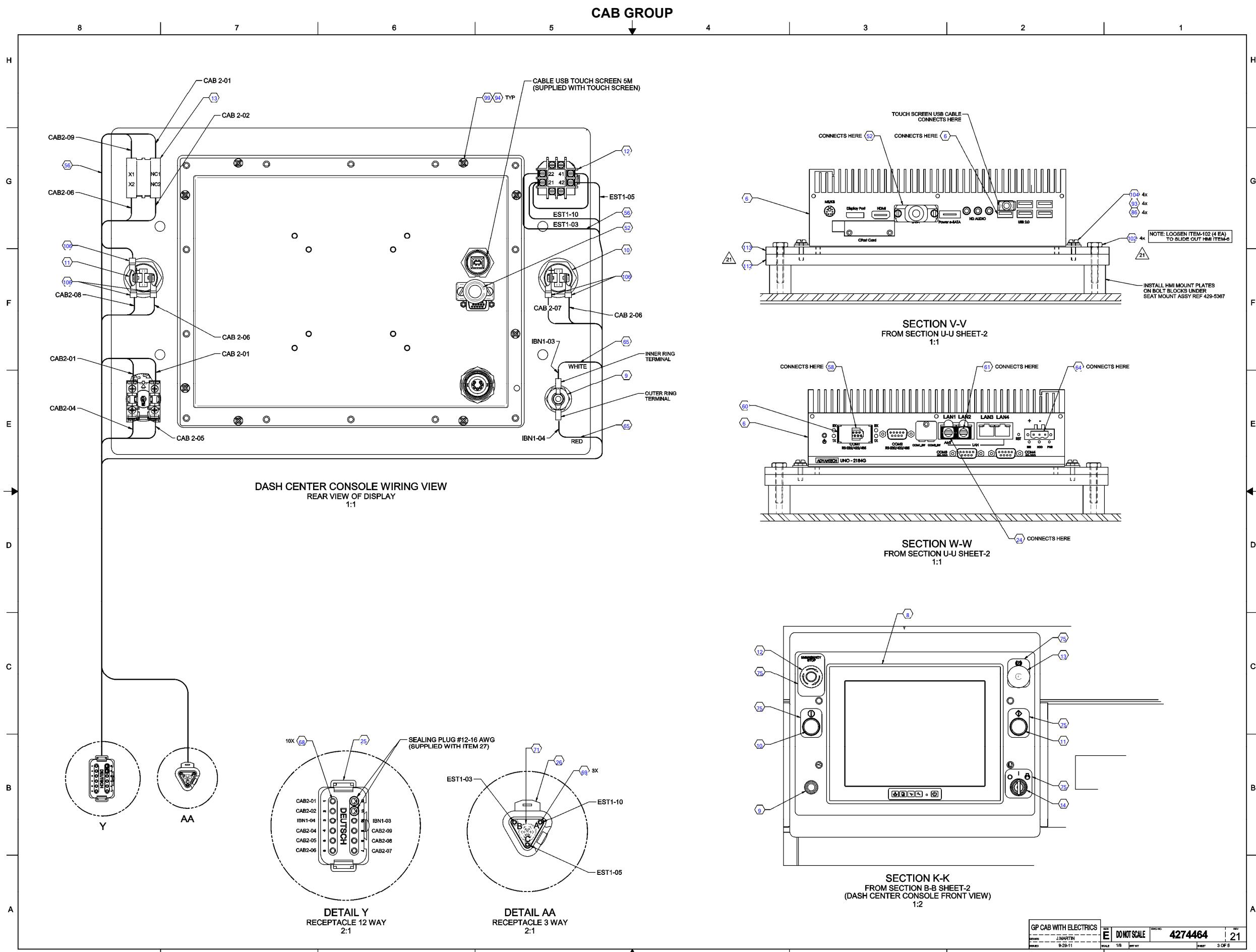
**L-2350-2242 PARTS MANUAL
ELECTRICAL SCHEMATIC**

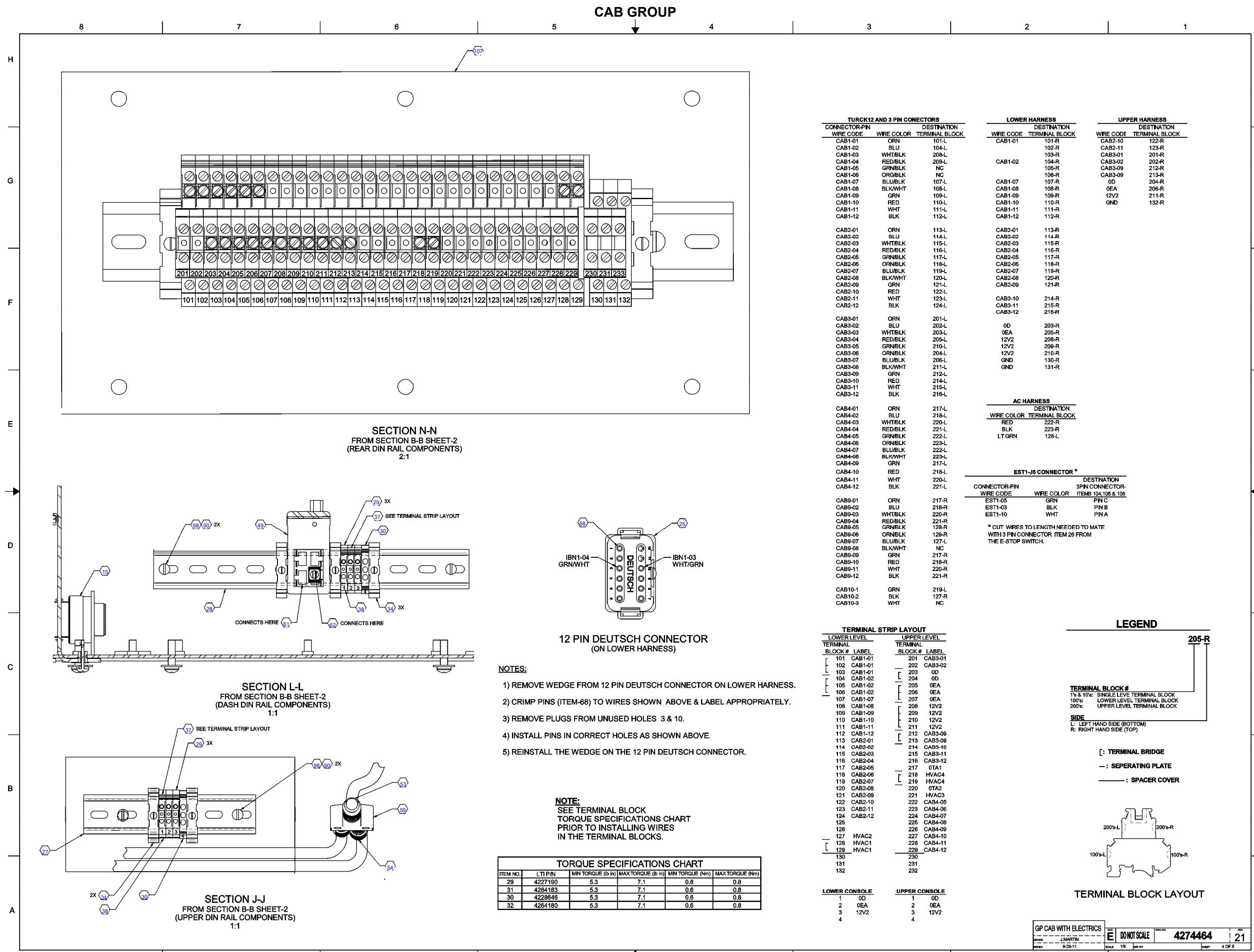
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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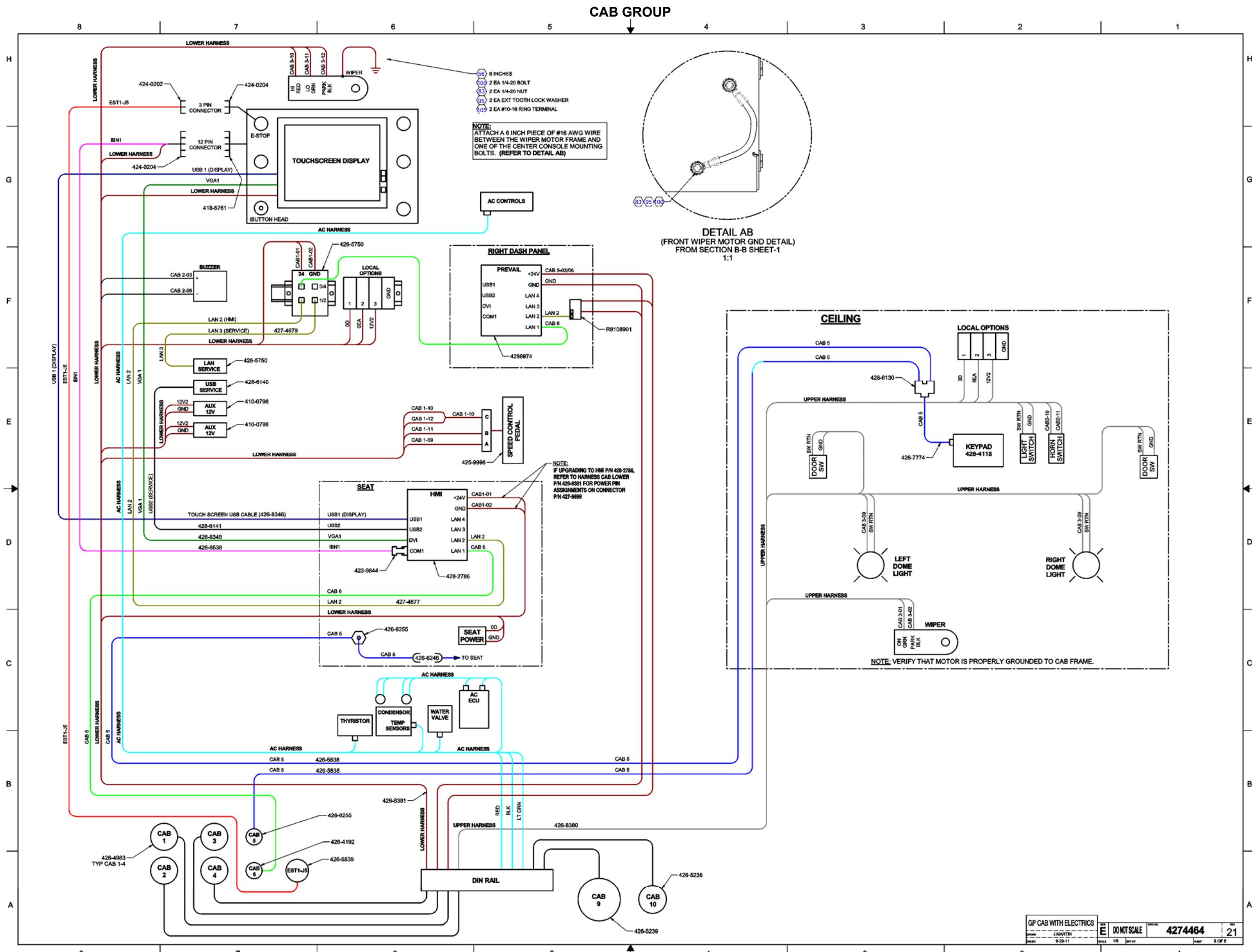
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**L-2350-2242 PARTS MANUAL
CAB GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4274464			CAB GROUP		4/26/18
1	R4274633	1		• CAB ASSEMBLY, LINCS II (PAGE 1.12-1.12A)		8/5/16
2	R4267775	1		• SEAT ASSEMBLY, OPERATOR'S - LINCS II (PAGE 1.19-1.19A)		
3	R4274390	1		• VALVE, BRAKE (PAGE 8.17-8.17A)		
4	R4274391	1		• AIR BLOW GUN GROUP		
	R4175957	1		• • AIR BLOW GUN		
	R4131743	1		• • HOSE ASSEMBLY, #4 X 64"		
	R4016785	1		• • ADAPTER, 1/4" MP X #4 MJ		
	R4116444	1		• • ELBOW, #4 FJ X 90 deg. X #4 MJ - SWIVEL		
5	R4259998	1		• PEDAL ASSEMBLY, SPEED CONTROL - 35 deg. FIXED (PAGE 5.9-5.9A)		
6	R4282786	1		• HMI WITH LINCS SOFTWARE		1/21/16
7	R4266271	1		• MOUNT, HMI		1/21/16
8	R4274714	1		• TOUCH SCREEN ASSEMBLY - LINCS II (SEE NOTE)		1/6/17
	R4289422	1		• • TOUCH SCREEN - LINCS II (SEE NOTE)		10/24/17
	R4274637	1		• • MOUNT BRACKET ASSEMBLY, DISPLAY		1/6/17
	R4274638	1		• • MOUNT PANEL, DISPLAY		1/6/17
	R4274639	1		• • DASH MOUNT, REAR		1/6/17
	R4274634	1		• • DASH PANEL, CENTER		1/6/17
9	R4239848	1		• I BUTTON READER SOCKET		
10	R4240170	1		• LIGHT ASSEMBLY, INDICATOR - RED		
11	R4240171	1		• LIGHT ASSEMBLY, INDICATOR - AMBER		
12	R4274443	1		• E-STOP, TWIST RELEASE		
13	R4265193	1		• SWITCH, PUSH PULL - AMBER, N.C.		
14	R4270330	1		• KEYSWITCH ASSEMBLY		
15	R4094849	1		• ALARM, ELECTRONIC BUZZER		
16	R4100796	2		• LIGHTER, 12V		
17	R4265754	1		• RECEPTACLE, ETHERNET W/CAP		
18	R4286140	1		• RECEPTACLE, USB-A W/CAP		8/5/16
19	R4265839	1		• RECEPTACLE, 3 PIN - MALE		
20	R4282738	1		• RECEPTACLE, 3 PIN - FEMALE		
21	R4265239	1		• RECEPTACLE, 12 PIN - FEMALE		
22	R4264983	4		• RECEPTACLE, 12 PIN - MALE		
23	R4266255	2		• RECEPTACLE, CAN FEED THRU		
24	R4264192	1		• RECEPTACLE, E-NET - MALE		
25	R4185761	1		• RECEPTACLE, 12 WAY		
26	R4240204	1		• RECEPTACLE		
27	R4238908	1		• MOUNTING RAIL, 6" DIN		
28	R4251863	1		• MOUNTING RAIL, 11" DIN		
29	R4227190	6		• TERMINAL BLOCK, 1-2 TERMINAL - #10 AWG		
30	R4228646	2		• TERMINAL BLOCK, 2 TERM.		
31	N.P.N.			• NOT USED		8/5/16
32	N.P.N.			• NOT USED		8/5/16
33	N.P.N.			• NOT USED		8/5/16
34	R4265756	5		• BRACKET END		
35	N.P.N.			• NOT USED		8/5/16
36	N.P.N.			• NOT USED		8/5/16
37	N.P.N.			• NOT USED		8/5/16
38	R4228700	2		• MARKER, DIN - TERMINAL BLOCK, #1-10		
39	N.P.N.			• NOT USED		8/5/16
40	N.P.N.			• NOT USED		8/5/16
41	N.P.N.			• NOT USED		8/5/16
42	N.P.N.			• NOT USED		8/5/16
43	N.P.N.			• NOT USED		8/5/16
44	N.P.N.			• NOT USED		8/5/16
45	N.P.N.			• NOT USED		8/5/16

**L-2350-2242 PARTS MANUAL
CAB GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
46	N.P.N.			• NOT USED		
47	R4264118	1		• KEYPAD, CAN - LINCS II		
48	R4270329	1		• SWITCH, ROCKER - 15A 24V		
49	R4265750	1		• SWITCH, NETWORK 4 PORT		
50	R4046896	6		• RING, SEALING - 1/2" - CONDUIT		
51	R4259325	15		• CONDUIT, SLIT LOOM - 1/4"		
52	R4268348	1		• CABLE, VIDEO - DVI-A M TO HD15 3M		
53	R4267774	1		• CABLE, KEYPAD - LINCS II		
54	R4265838	2		• CABLE EXTENSION, CAN 4.3M		
55	R4286141	1		• CABLE, USB 3.0 A - MALE-A MALE 2M		8/5/16
56	R4120401	34		• CABLE, #16 AWG - 600V		
57	R4266246	1		• CABLE EXTENSION, CAN .5M		
58	R4268538	1		• CABLE, RJ11 - OPEN 3M		
59	R4286130	1		• CABLE Y, CAN - 1 MALE-2 FEMALE		8/5/16
60	R4239844	1		• ADAPTER, COM PORT		
61	R4274677	1		• CABLE, CAT5 PATCH - 10'		
62	R4274679	1		• CABLE, CAT5 PATCH - 3'		
63	R4268380	1		• HARNESS, CAB UPPER		
64	R4268381	1		• HARNESS, CAB LOWER		
65	R4212588	4	FT	• WIRE HOOKUP, #18 AWG - 1000V		
66	R4240202	1		• PLUG		
67	R4153884	3		• SOCKET, CONTACT - 16		1/21/16
68	R4185763	10		• PIN, CONTACT - SIZE 16		
69	R4270205	3		• FERRULE, INSULATED - 16AWG .315LG BLACK		
70	R4240201	1		• WEDGE, W3S		
71	R4240206	1		• WEDGE, W3P		
72	R4185765	1		• WEDGE LOCK, RECEPTACLE		
73	R4270206	20		• FERRULE, INSULATED - BLUE		
74	R4240205	91		• PIN, CONTACT - 16		
75	R4266261	1		• LABELS, LINCS II - CAB DASH		
76	R4266258	1		• CODE SHEET, CAB LINCS II		
77	R4281257	1		• PREVAIL SYSTEM		
78	R4270334	1		• WINDSHIELD WASHER KIT, 10 LITER		
79	R4020763	1		• ELBOW, #4 MJ X 90 deg. X #4 MJ - BULKHEAD		
80	R4116716	1		• SUNVISOR, 6" X 30"		
81	R4274680	2	FT	• VINYL EDGE, SELF-GRIPPING		
82	R4240483	2		• NUT PLATE, #18		
83	R4105645	2		• NUT, 1/4"-20 - S.S.		
84	R0812921	4		• NUT, 3/8"-16		
85	R4268321	4		• LOCKNUT, 5 MM - NYLON		
86	R4010922	4		• FLATWASHER, 3/16"		
87	R0810880	4		• FLATWASHER, #10		
88	R0213584	9		• LOCKWASHER, 1/4"		
89	R4010905	8		• LOCKWASHER, #4		
90	R4010907	8		• LOCKWASHER, #10		
91	R0753123	4		• LOCKWASHER, 3/8"		
92	R0808221	4		• FLATWASHER, 3/8"		
93	R0184949	4		• LOCKWASHER, #8 - EXTERNAL, TOOTH		
94	R4259178	8		• LOCKWASHER, 4M		
95	R0506807	2		• LOCKWASHER, 1/4" - EXT. TOOTH		
96	R4245454	8		• SCREW, #4-40 X 1/2" - S.S.		
97	R4012631	4		• SCREW, #10-32 X 7/16"		
98	R4010283	4		• SCREW, #10-32 X 1/2" - P.H.		
99	R4264497	8		• SCREW, 4M X .70		
100	R4105637	2		• BOLT, 1/4"-20 X 1/2" - S.S.		
101	R0814157	2		• BOLT, 1/4"-20 X 1"		
102	R4009612	7		• BOLT, 1/4"-20 X 1-1/4"		
103	R0808476	4		• BOLT, 3/8"-16 X 1-1/4"		

**L-2350-2242 PARTS MANUAL
CAB GROUP**

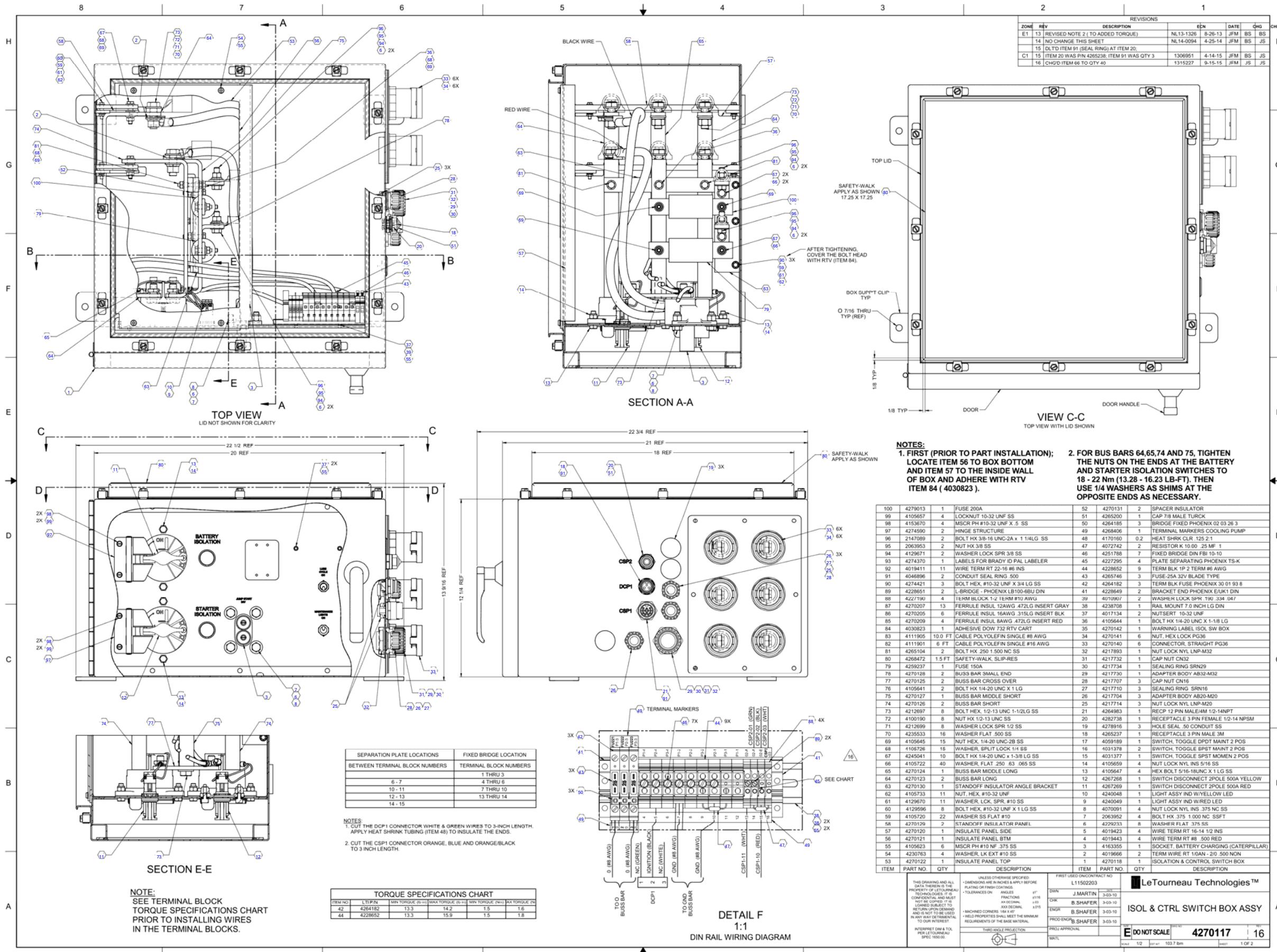
Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
104	R0989217	4		• SCREW, #8-32 X 5/8"		
105	R4019420	2		• TERMINAL, WIRE - #16-14, 1/4"		
106	R4019411	9		• WIRE TERMINAL, #16-14 AWG		
107	R4286127	1		• RAIL ASSEMBLY, DIN - CAB REAR		8/5/16
108	R4279003	1		• MOUNTING PANEL, 6 SWITCH		4/24/17
109	R4279004	4		• PLUG, PANEL		4/24/17
110	R4289009	1		• SWITCH, ROCKER - 15A, 24V		4/24/17
				NOTE:		
				• WHEN REPLACING TOUCH SCREEN R4265199 ORDER TOUCH SCREEN ASSEMBLY R4274714		1/6/17
	REF			DRAWING, CAB WIRING DIAGRAM, LINCS II (R427446421)		4/26/18

**L-2350-2242 PARTS MANUAL
CAB GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
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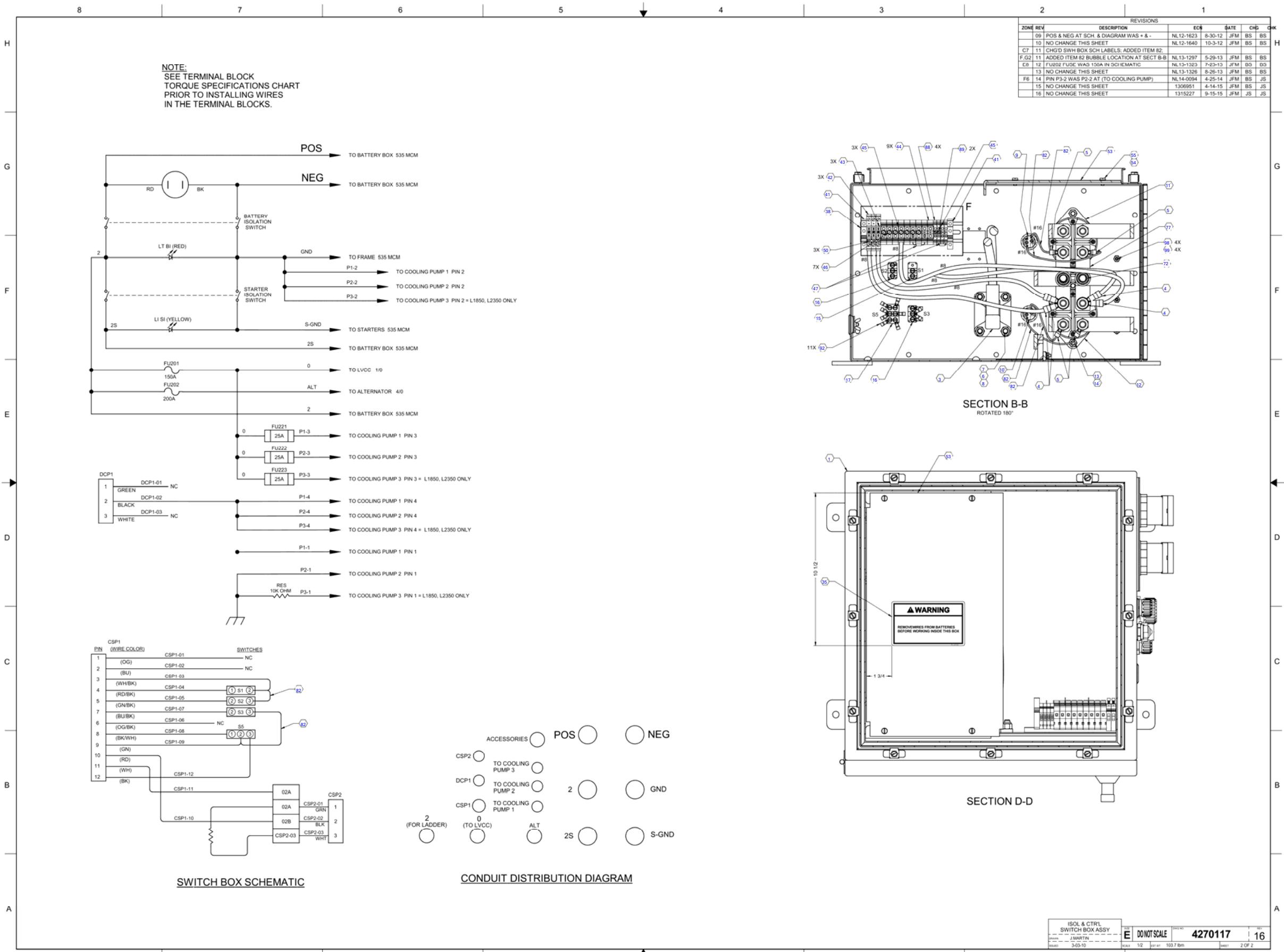
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ISOLATION & CONTROL SWITCH BOX ASSEMBLY



ISOLATION & CONTROL SWITCH BOX ASSEMBLY

ISOLATION & CONTROL SWITCH BOX ASSEMBLY



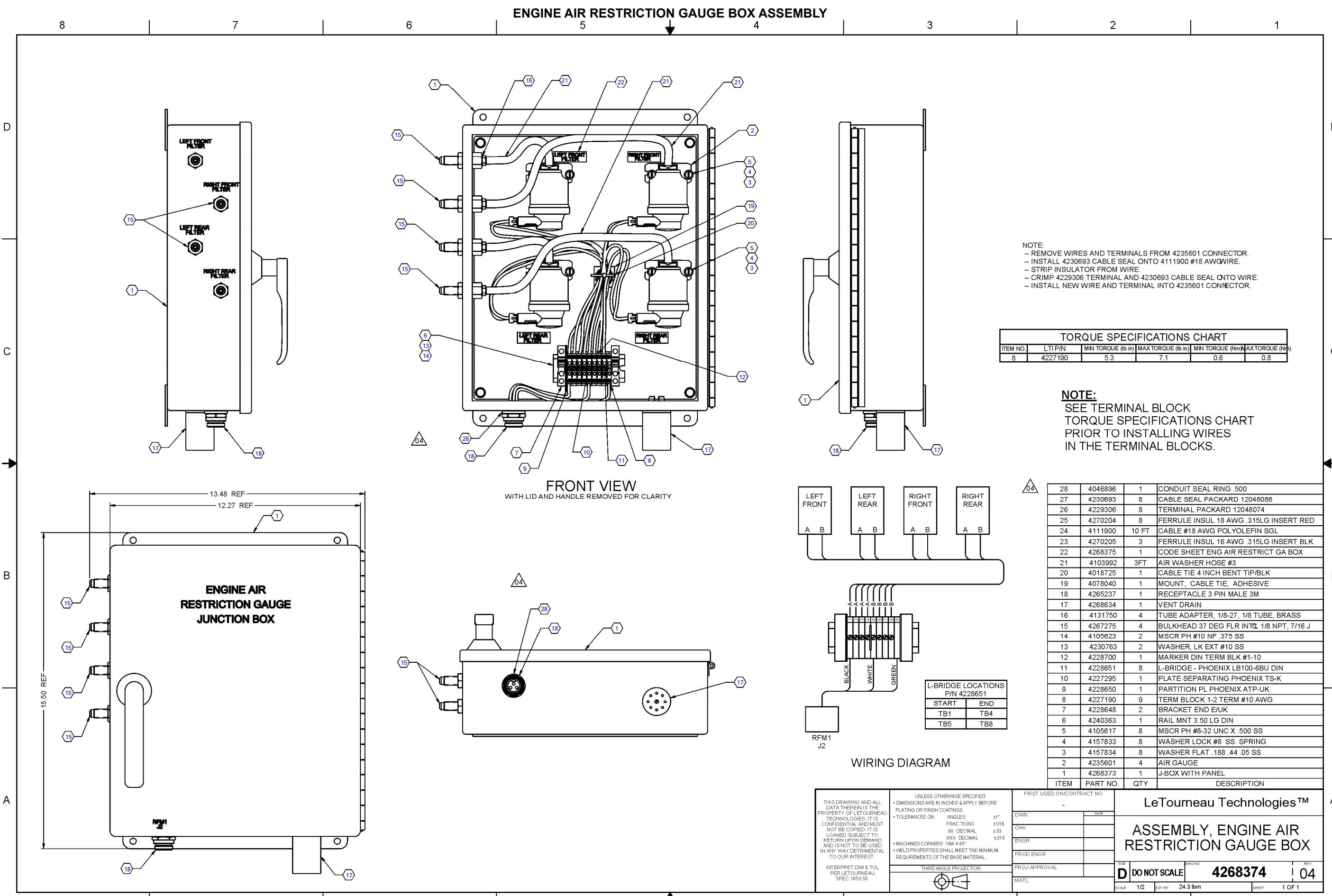
ISOLATION & CONTROL SWITCH BOX ASSEMBLY

**L-2350-2242 PARTS MANUAL
ISOLATION & CONTROL SWITCH BOX ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4270117			ISOLATION & CONTROL SWITCH BOX ASSEMBLY		4/18/16
1	R4270118	1		• SWITCH BOX		
	R4286053	1		• • DOOR, ETCHED - FRONT		4/18/16
	R4286067	1		• • HANDLE ASSEMBLY		4/18/16
	R4286069	1		• • COVER, TOP - WITH SLIP RESISTANT COVER		4/18/16
	R4268472	1		• • • SAFETY-WALK, SLIP RESISTANT - BLACK, 24" X 30' ROLL		4/18/16
2	R4019666	2		• TERMINAL, WIRE - 2/0 1/2" NON		
3	R4163355	1		• SOCKET, JUMP START - WITH 4' CABLE		
4	R4019443	4		• TERMINAL, WIRE - #8 1/2" RED		
5	R4019423	4		• TERMINAL, WIRE - 1/2" HOLE		
6	R4229233	8		• FLATWASHER, 3/8" - S.S.		9/15/15
7	R2063952	4		• BOLT, 3/8"-16 X 1" - S.S.		
8	R4070091	4		• LOCKNUT, 3/8"-16 - S.S., NYLON		
9	R4240049	1		• LIGHT ASSEMBLY, INDICATOR - RED LED		
10	R4240048	1		• LIGHT ASSEMBLY, INDICATOR - AMBER LED		
11	R4267269	1		• SWITCH, DISCONNECT - 2 POLE 500A, RED		
12	R4267268	1		• SWITCH, DISCONNECT - 2 POLE 500A, YELLOW		
13	R4105647	4		• BOLT, 5/16"-18 X 1" - S.S.		
14	R4105659	4		• LOCKNUT, 5/16"-18 - S.S., NYLON		
15	R4031377	1		• SWITCH, TOGGLE - SPST, 2 POS. MOMENTARY		
16	R4031378	2		• SWITCH, TOGGLE - SPST, 2 POS. MAINTAINED		
17	R4059189	1		• SWITCH, TOGGLE - DPDT, 2 POS. MAINTAINED		
18	R4265237	1		• RECEPTACLE, 3 PIN - MALE		
19	R4278916	3		• SEAL, HOLE - 1/2"		
20	R4282738	1		• RECEPTACLE, 3 PIN - FEMALE		
21	R4264983	1		• RECEPTACLE, 12 PIN - MALE		
25	R4217714	3		• LOCKNUT, NYLON - LNP-M20		
26	R4217704	3		• ADAPTER BODY		
27	R4217710	3		• RING, SEALING - SRN16		
28	R4217707	3		• NUT, CAP - CN16		
29	R4217730	1		• ADAPTER BODY AB32-M32		
30	R4217734	1		• SEALING RING, SRN29		
31	R4217732	1		• NUT, CAP - CN32		
32	R4217893	1		• LOCKNUT, NYLON - LNP-M32		
33	R4270140	6		• CONNECTOR, STRAIGHT PG36		
34	R4270141	6		• LOCKNUT, CONDUIT		
35	R4270142	1		• LABEL, WARNING - ISOLATION SWITCH BOX		
36	R4105644	1		• BOLT, 1/4"-20 X 1-1/8"		
37	R4017134	2		• NUTSERT, #10-32		
38	R4238708	1		• RAIL MOUNTING, 7"		
39	R4010907	2		• LOCKWASHER, #10		
40	N.P.N.			• NOT USED		9/15/15
41	R4228649	2		• BRACKET, END - DIN		
42	R4264182	3		• TERMINAL BLOCK, FUSE		
43	R4265746	3		• FUSE, 25A 32V - BLADE TYPE CLEAR		
44	R4228652	9		• TERMINAL BLOCK, 2 TERM.		
45	R4227295	4		• PLATE, SEPARATING - TS-K		
46	R4251788	7		• BRIDGE, FIXED		
47	R4072742	2		• RESISTOR, 10.00 - .25 MF		
48	R4170160	6	IN	• HEAT SHRINK, CLEAR - .125		9/15/15
49	R4268406	1		• TERMINAL MARKERS COOLING PUMP		
50	R4264185	3		• BRIDGE, FIXED		
51	R4265200	1		• CAP, TURCK - 7/8" MALE		
52	R4270131	2		• SPACER INSULATOR		
53	R4270122	1		• INSULATE PANEL TOP		
54	R4230763	4		• LOCKWASHER, #4 - EXTERNAL TOOTH		
55	R4105623	6		• SCREW, #10-32 X 3/8"		9/15/15

**L-2350-2242 PARTS MANUAL
ISOLATION & CONTROL SWITCH BOX ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
56	R4270121	1		• INSULATE PANEL BTM		
57	R4270120	1		• INSULATE PANEL SIDE		
58	R4270129	2		• STANDOFF INSULATOR PANEL		
59	R4105720	22		• FLATWASHER, #10 - S.S.		
60	R4129596	8		• BOLT, #10-32 X 1" - S.S.		9/15/15
61	R4129670	11		• LOCKWASHER, #10		
62	R4105733	11		• NUT, #10-32 - S.S.		
63	R4270130	1		• STANDOFF INSULATOR ANGLE BRACKET		
64	R4270123	2		• BUSS BAR LONG		
65	R4270124	1		• BUSS BAR MIDDLE LONG		
66	R4105722	40		• FLATWASHER, 1/4" - S.S.		
67	R4245041	10		• BOLT, 1/4"-20 X 1-3/8" - S.S.		
68	R4105726	15		• LOCKWASHER, 1/4" - S.S.		
69	R4105645	15		• NUT, 1/4"-20 - S.S.		
70	R4235533	16		• FLATWASHER, 1/2" - S.S.		
71	R4212699	8		• LOCKWASHER, 1/2" - S.S.		
72	R4100190	8		• NUT, 1/2"-13 - S.S.		
73	R4212697	8		• BOLT, 12"-13 X 1-1/2" - S.S.		
74	R4270126	2		• BUSS BAR SHORT		
75	R4270127	1		• BUSS BAR MIDDLE SHORT		
76	R4105641	2		• BOLT, 1/4"-20 X 1" - S.S.		
77	R4270125	2		• BUSS BAR CROSS OVER		
78	R4270128	2		• BUSS BAR SMALL END		
79	R4259237	1		• FUSE, 150A 500V		
80	N.P.N.			• REFER TO ITEM 1		4/18/16
81	R4265104	2		• BOLT, 1/4"-20 X 1-1/2" - S.S.		
82	R4111901	6	FT	• CABLE, #16 AWG 2000V		9/15/15
83	R4111905	10	FT	• CABLE, #8 AWG 2000V		9/15/15
84	R4030823	1		• SEALANT/ADHESIVE, SILICONE - 10.7 OZ., CLEAR		
85	R4270209	4		• FERRULE, 8 AWG - RED		
86	R4270205	6		• FERRULE, INSULATED - 16 AWG, .315 LONG - BLACK		
87	R4270207	13		• FERRULE, 12 AWG - GRAY		9/15/15
88	R4227190	4		• TERMINAL BLOCK, 1-2 TERMINAL - #10 AWG		
89	R4228651	2		• L-BRIDGE, DIN		
90	R4274421	3		• BOLT, #10-32 X 3/4" - S.S.		9/15/15
91	R4046896	2		• RING, SEALING - 1/2" - CONDUIT		9/15/15
92	R4019411	11		• WIRE TERMINAL, #16-14 AWG		9/15/15
93	R4274370	1		• LABELS		9/15/15
94	R4129671	2		• LOCKWASHER, 3/8" - S.S.		9/15/15
95	R2063953	2		• NUT, 3/8"-16 - S.S.		9/15/15
96	R2147089	2		• BOLT, 3/8"-16 X 1-1/4" - S.S.		9/15/15
97	R4274590	2		• HINGE STRUCTURE		9/15/15
98	R4153670	4		• SCREW, #10-32 X 1/2" - S.S.		9/15/15
99	R4105657	4		• LOCKNUT, #10-32		9/15/15
100	R4279013	1		• FUSE, 200A		9/15/15
			REF	DRAWING, ISOLATION & CONTROL SWITCH BOX ASSEMBLY (R427011716)		9/15/15



ENGINE AIR RESTRICTION GAUGE BOX ASSEMBLY

L-2350-2242 PARTS MANUAL
ENGINE AIR RESTRICTION GAUGE BOX ASSEMBLY

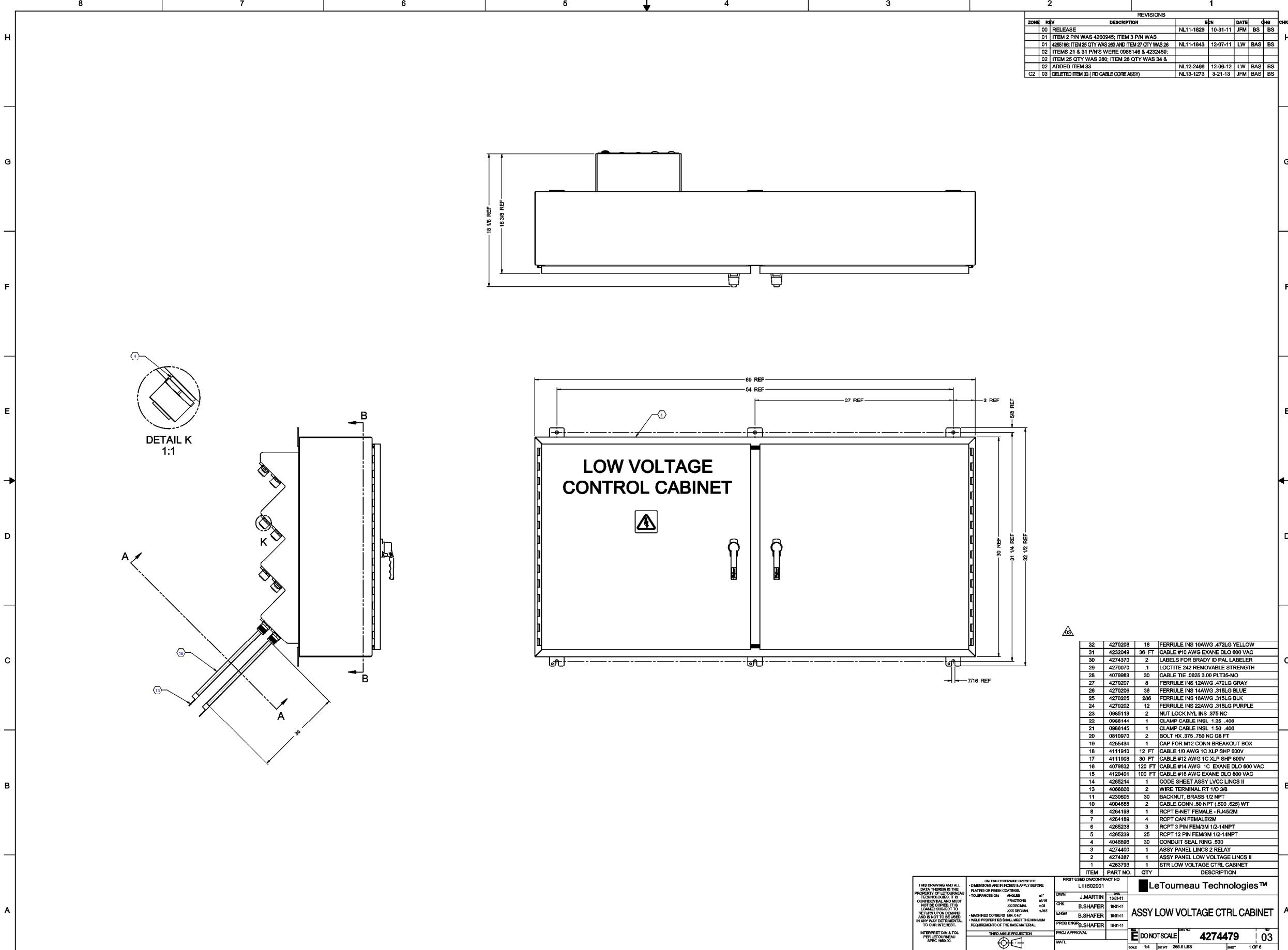
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4268374		ENGINE AIR RESTRICTION GAUGE BOX ASSEMBLY		
1	R4268373	1	· JUNCTION BOX ASSEMBLY		
2	R4235601	4	· GAUGE, AIR RESTRICTION		
3	R4157834	8	· FLATWASHER, #8 - S.S.		
4	R4157833	8	· LOCKWASHER, #8 - S.S.		
5	R4105617	8	· SCREW, #8-32 X 1/2" - P.H., S.S.		
6	R4240363	1	· RAIL MOUNT, 3-1/2" DIN		
7	R4228648	2	· BRACKET, END		
8	R4227190	9	· TERMINAL BLOCK, 1-2 TERM. #10 AWG		
9	R4228650	1	· PARTITION PLATE		
10	R4227295	1	· PLATE, SEPARATING - TS-K		
11	R4228651	8	· L-BRIDGE, DIN		
12	R4228700	1	· MARKER, DIN - TERMINAL BLOCK, #1-10		
13	R4230763	2	· LOCKWASHER, #4 - EXTERNAL TOOTH		
14	R4105623	2	· SCREW, #10-32 X 3/8"		
15	R4267275	4	· ADAPTER, 1/8" FP X 7/16" MJ - BULKHEAD		
16	R4131750	4	· ADAPTER, 1/8" MP X #2 HOSE - BRASS		
17	R4268634	1	· BREATHER/DRAIN, S.S.		
18	R4265237	1	· RECEPTACLE, 3 PIN - MALE		
19	R4078040	1	· CABLE TIE MOUNT, ADHESIVE		
20	R4018725	1	· CABLE TIE, 4" - BENT TIP/BLACK		
21	R4103992	3	· HOSE, AIR - #4, 100 PSI - 50" ROLL		
22	R4268375	1	· CODE SHEET		
23	R4270205	3	· FERRULE, INSULATED - 16 AWG .315LG BLACK		
24	R4111900	10	· CABLE, #18 AWG 600V		
25	R4270204	8	· FERRULE, INSULATED - 18 AWG .315LG RED		
26	R4229306	8	· TERMINAL		
27	R4230693	8	· SEAL, CABLE		
28	R4046896	1	· RING, SEALING - 1/2" - CONDUIT		
		REF	DRAWING, ENGINE AIR RESTRICTION GAUGE BOX ASSEMBLY (R426837404)		

**L-2350-2242 PARTS MANUAL
ENGINE AIR RESTRICTION GAUGE BOX ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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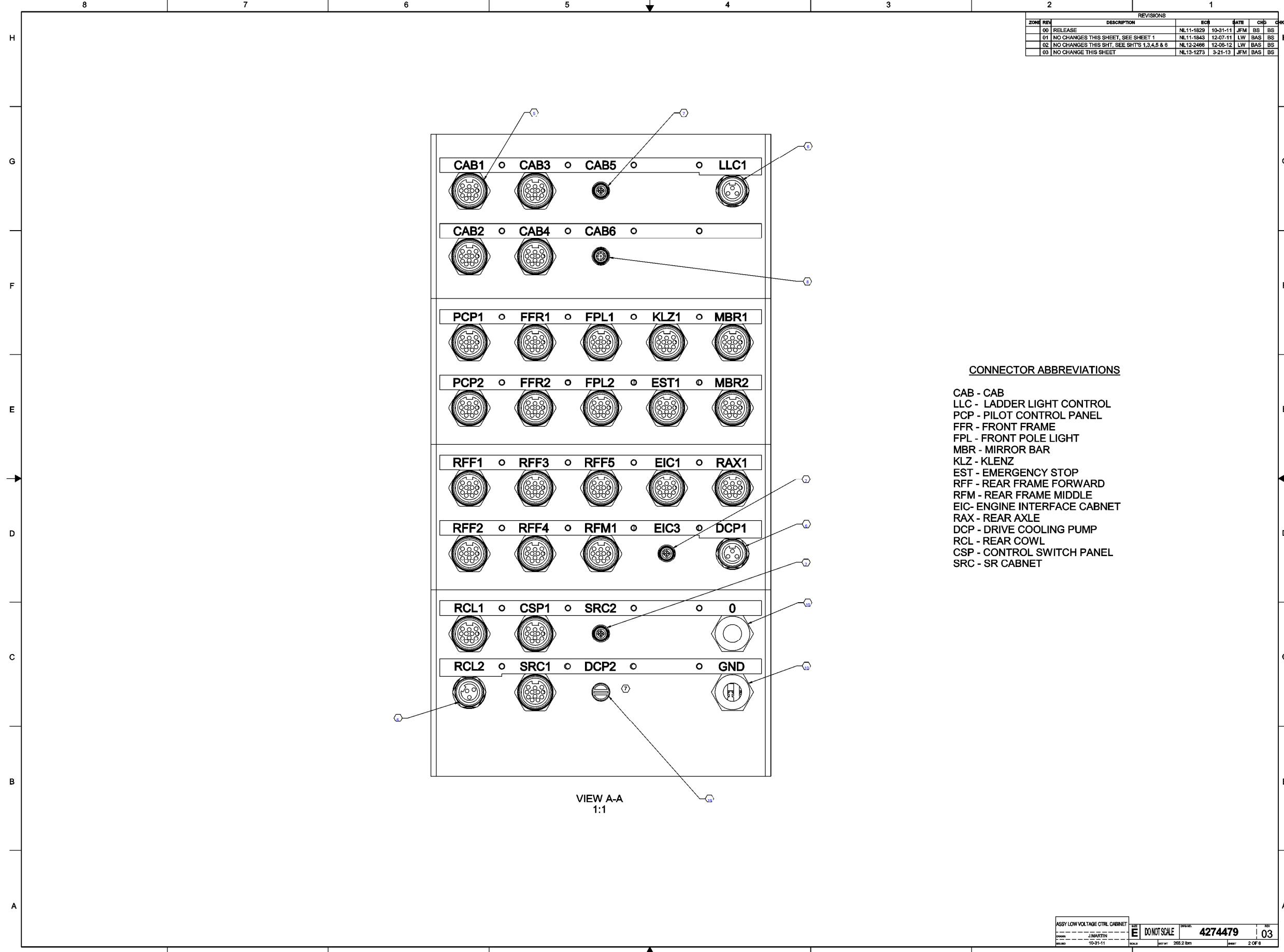
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LOW VOLTAGE CONTROL CABINET ASSEMBLY



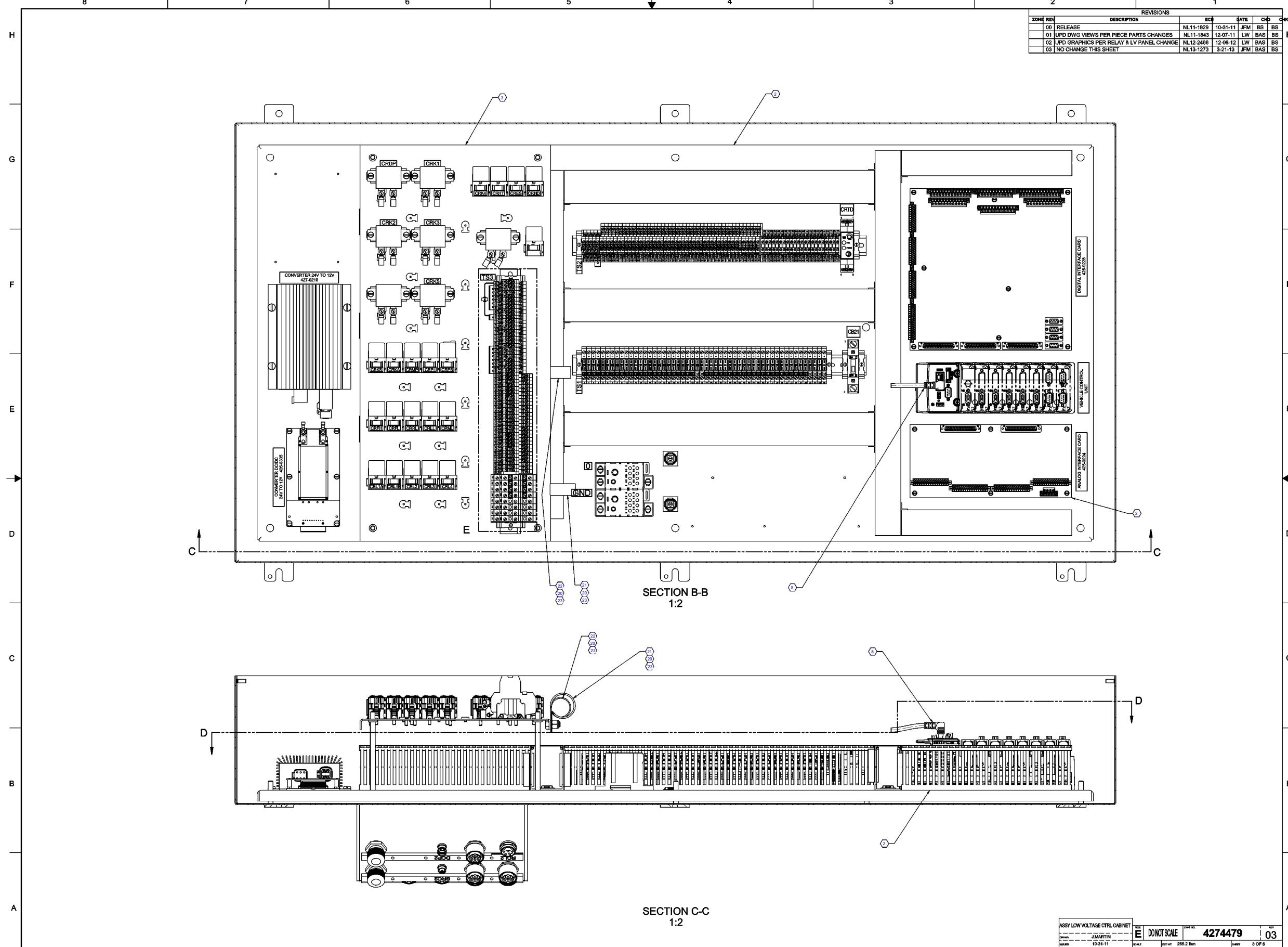
LOW VOLTAGE CONTROL CABINET ASSEMBLY

LOW VOLTAGE CONTROL CABINET ASSEMBLY



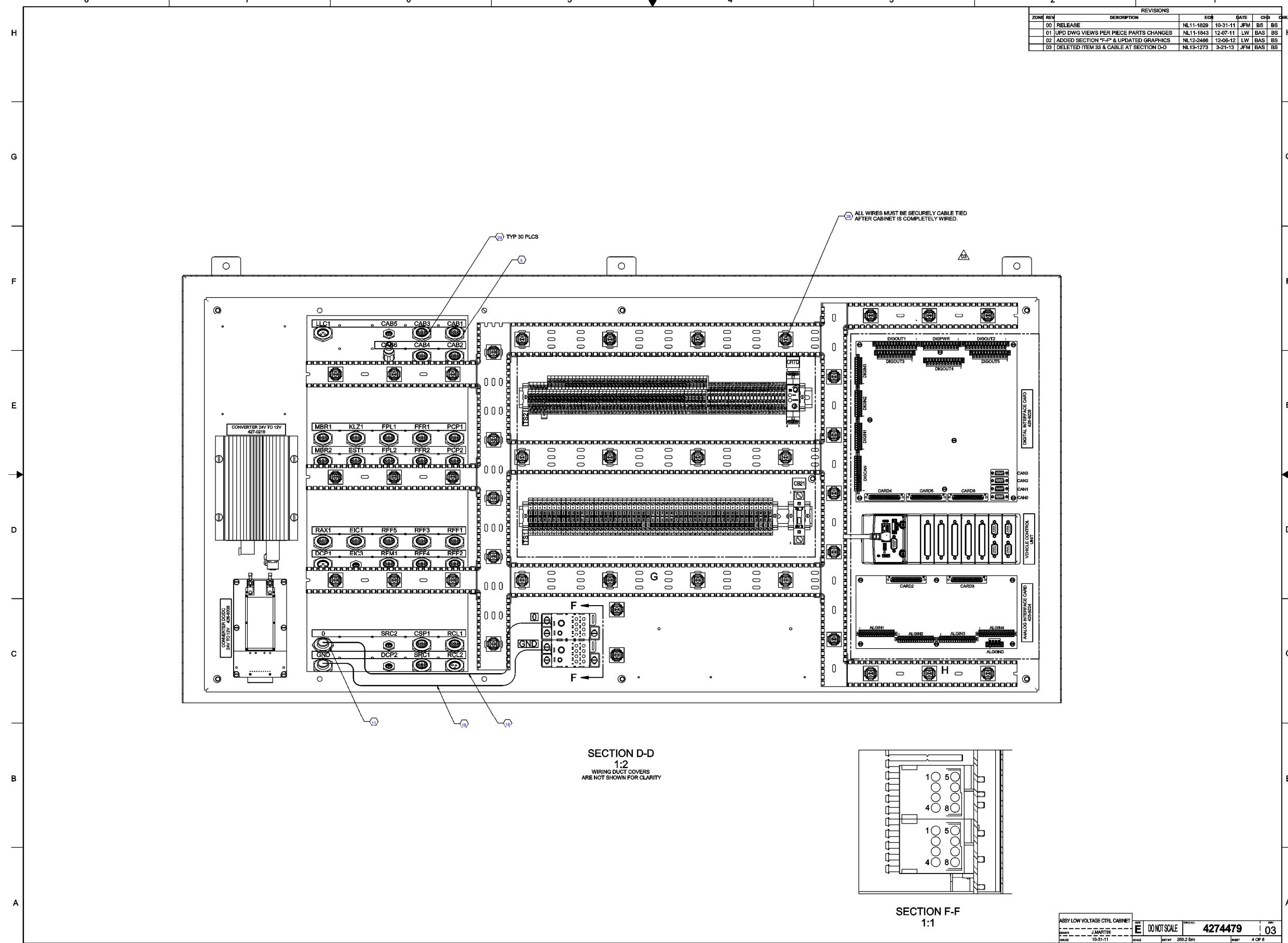
LOW VOLTAGE CONTROL CABINET ASSEMBLY

LOW VOLTAGE CONTROL CABINET ASSEMBLY



LOW VOLTAGE CONTROL CABINET ASSEMBLY

LOW VOLTAGE CONTROL CABINET ASSEMBLY

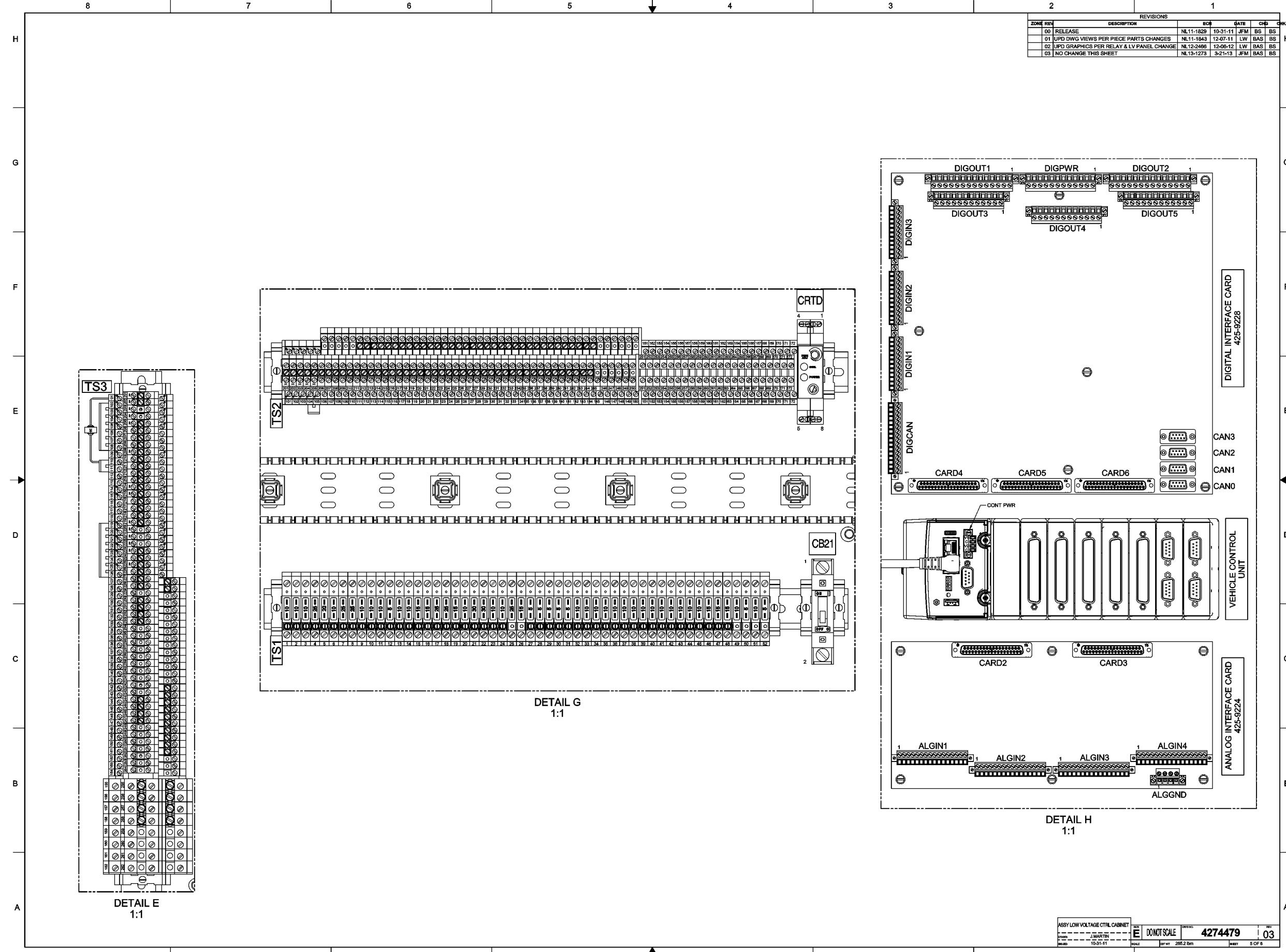


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LOW VOLTAGE CONTROL CABINET ASSEMBLY

LOW VOLTAGE CONTROL CABINET ASSEMBLY



LOW VOLTAGE CONTROL CABINET ASSEMBLY

LOW VOLTAGE CONTROL CABINET ASSEMBLY

8

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1

WIRE CHART				
GAUGE	COLOR	WIRE CODE	SOURCE	TARGET
16 AWG	ORG	CAB1-01	CAB1:1	DC_DC12+
16 AWG	BLU	CAB1-02	CAB1:2	TS2:158:a
16 AWG	WHT/BLK	CAB1-03	CAB1:3	TS2:113:b
16 AWG	RED/BLK	CAB1-04	CAB1:4	TS2:114:b
16 AWG	GRN/BLK	CAB1-05	CAB1:5	TS2:128:b
16 AWG	ORG/BLK	CAB1-06	CAB1:6	TS2:163:a
16 AWG	BLU/BLK	CAB1-07	CAB1:7	NC
16 AWG	BLK/WHT	CAB1-08	CAB1:8	NC
16 AWG	GRN	CAB1-09	CAB1:9	DIGPWR2
16 AWG	RED	CAB1-10	CAB1:10	ALGN1:2
16 AWG	WHT	CAB1-11	CAB1:11	ALGN1:1
16 AWG	BLK	CAB1-12	CAB1:12	DIGPWR1
16 AWG	ORG	CAB2-01	CAB2:1	TS2:209:b
16 AWG	BLU	CAB2-02	CAB2:2	TS2:316:b
16 AWG	WHT/BLK	CAB2-03	CAB2:3	DIGOUT1:2
16 AWG	RED/BLK	CAB2-04	CAB2:4	TS2:102:a
16 AWG	GRN/BLK	CAB2-05	CAB2:5	DIGN1:6
16 AWG	ORG/BLK	CAB2-06	CAB2:6	TS2:151:b
16 AWG	BLU/BLK	CAB2-07	CAB2:7	DIGOUT1:4
16 AWG	BLK/WHT	CAB2-08	CAB2:8	DIGOUT1:3
16 AWG	GRN	CAB2-09	CAB2:9	DIGOUT2:11
16 AWG	RED	CAB2-10	CAB2:10	NC
16 AWG	WHT	CAB2-11	CAB2:11	NC
16 AWG	BLK	CAB2-12	CAB2:12	TS2:144:b
16 AWG	ORG	CAB3-01	CAB3:1	TS3:131:b
16 AWG	BLU	CAB3-02	CAB3:2	TS3:234:a
16 AWG	WHT/BLK	CAB3-03	CAB3:3	TS2:243:b
16 AWG	RED/BLK	CAB3-04	CAB3:4	TS2:235:b
16 AWG	GRN/BLK	CAB3-05	CAB3:5	TS2:115:b
16 AWG	ORG/BLK	CAB3-06	CAB3:6	TS2:244:b
16 AWG	BLU/BLK	CAB3-07	CAB3:7	TS2:236:b
16 AWG	BLK/WHT	CAB3-08	CAB3:8	TS2:116:b
16 AWG	GRN	CAB3-09	CAB3:9	TS2:210:b
16 AWG	RED	CAB3-10	CAB3:10	TS3:130:b
16 AWG	WHT	CAB3-11	CAB3:11	TS3:133:b
16 AWG	BLK	CAB3-12	CAB3:12	TS3:134:b
16 AWG	ORG	CAB4-01	CAB4:1	TS1:46:b
16 AWG	BLU	CAB4-02	CAB4:2	TS2:161:b
16 AWG	WHT/BLK	CAB4-03	CAB4:3	TS1:47:b
16 AWG	RED/BLK	CAB4-04	CAB4:4	TS2:162:b
16 AWG	GRN/BLK	CAB4-05	CAB4:5	TS1:48:b
16 AWG	ORG/BLK	CAB4-06	CAB4:6	TS2:163:b
16 AWG	BLU/BLK	CAB4-07	CAB4:7	NC
16 AWG	BLK/WHT	CAB4-08	CAB4:8	NC
16 AWG	GRN	CAB4-09	CAB4:9	NC
16 AWG	RED	CAB4-10	CAB4:10	NC
16 AWG	WHT	CAB4-11	CAB4:11	NC
16 AWG	BLK	CAB4-12	CAB4:12	NC
22 AWG	BARE	CAB5-01	CAB5:1	DIGCAN3
22 AWG	RED	CAB5-02	CAB5:2	DIGCAN4
22 AWG	BLK	CAB5-03	CAB5:3	DIGCAN3
22 AWG	WHT	CAB5-04	CAB5:4	DIGCAN2
22 AWG	BLU	CAB5-05	CAB5:5	DIGCAN1
16 AWG	ORG	CSP1-01	CSP1:1	NC
16 AWG	BLU	CSP1-02	CSP1:2	NC
16 AWG	WHT/BLK	CSP1-03	CSP1:3	TS2:231:b
16 AWG	RED/BLK	CSP1-04	CSP1:4	TS2:238:b
16 AWG	GRN/BLK	CSP1-05	CSP1:5	DIGN2:8
16 AWG	ORG/BLK	CSP1-06	CSP1:6	NC
16 AWG	BLU/BLK	CSP1-07	CSP1:7	TS2:222:b
16 AWG	BLK/WHT	CSP1-08	CSP1:8	TS2:112:b
16 AWG	GRN	CSP1-09	CSP1:9	TS1:12:b
16 AWG	RED	CSP1-10	CSP1:10	DIGN2:10
16 AWG	WHT	CSP1-11	CSP1:11	TS2:232:b
16 AWG	BLK	CSP1-12	CSP1:12	TS2:212:b
16 AWG	GRN	CSP1-01	CSP1:1	NC
16 AWG	BLK	CSP1-02	CSP1:2	TS1:52:b
16 AWG	WHT	CSP1-03	CSP1:3	NC
22 AWG	BARE	CSP2-01	CSP2:1	DIGCAN15
22 AWG	RED	CSP2-02	CSP2:2	NC
22 AWG	BLK	CSP2-03	CSP2:3	NC
22 AWG	WHT	CSP2-04	CSP2:4	DIGCAN14
22 AWG	BLU	CSP2-05	CSP2:5	DIGCAN13
16 AWG	ORG	EIC1-01	EIC1:1	DIGOUT87
16 AWG	BLU	EIC1-02	EIC1:2	DIGN8:12
16 AWG	WHT/BLK	EIC1-03	EIC1:3	DIGN3:5
16 AWG	RED/BLK	EIC1-04	EIC1:4	TS1:90:b
16 AWG	GRN/BLK	EIC1-05	EIC1:5	DIGOUT5:5
16 AWG	ORG/BLK	EIC1-06	EIC1:6	NC
16 AWG	BLU/BLK	EIC1-07	EIC1:7	NC
16 AWG	BLK/WHT	EIC1-08	EIC1:8	NC
16 AWG	GRN	EIC1-09	EIC1:9	DIGN3:9
16 AWG	RED	EIC1-10	EIC1:10	DIGN2:9
16 AWG	WHT	EIC1-11	EIC1:11	TS1:45:b
16 AWG	BLK	EIC1-12	EIC1:12	TS2:160:b
22 AWG	BARE	EIC3-01	EIC3:1	DIGCAN7
22 AWG	RED	EIC3-02	EIC3:2	NC
22 AWG	BLK	EIC3-03	EIC3:3	NC
22 AWG	WHT	EIC3-04	EIC3:4	DIGCAN6
22 AWG	BLU	EIC3-05	EIC3:5	DIGCAN5
16 AWG	ORG	EST1-01	EST1:1	DIGN3:2
16 AWG	BLU	EST1-02	EST1:2	TS2:223:b
16 AWG	WHT/BLK	EST1-03	EST1:3	DIGN2:11
16 AWG	RED/BLK	EST1-04	EST1:4	NC
16 AWG	GRN/BLK	EST1-05	EST1:5	TS2:107:b
16 AWG	ORG/BLK	EST1-06	EST1:6	TS2:109:b
16 AWG	BLU/BLK	EST1-07	EST1:7	DIGN3:3
16 AWG	BLK/WHT	EST1-08	EST1:8	TS2:108:b
16 AWG	GRN	EST1-09	EST1:9	DIGN2:12
16 AWG	RED	EST1-10	EST1:10	TS1:1:b

SEE NOTE

Wire Chart					
Gauge	Color	Wire Code	Source	Target	
16 AWG	WHT	EST1-11	EST1:11	TS2:110b	
16 AWG	BLK	EST1-12	EST1:12	TS2:226b	
16 AWG	ORG	FPR1-01	FPR1:1	NC	
16 AWG	BLU	FPR1-02	FPR1:2	ALGN1:11	
16 AWG	WHT/BLK	FPR1-03	FPR1:3	DIGOUT2:6	
16 AWG	RED/BLK	FPR1-04	FPR1:4	ALGN1:12	
16 AWG	GRN/BLK	FPR1-05	FPR1:5	NC	
16 AWG	BLUBLK	FPR1-07	FPR1:7	TS2:237b	
16 AWG	BLK/WHT	FPR1-08	FPR1:8	TS2:164b	
16 AWG	GRN	FPR1-09	FPR1:9	TS2:119b	
16 AWG	RED	FPR1-10	FPR1:10	TS2:223b	
16 AWG	WHT	FPR1-11	FPR1:11	TS2:224b	
16 AWG	BLK	FPR1-12	FPR1:12	TS2:165b	
16 AWG	ORG	FPR2-01	FPR2:1	TS2:120b	
16 AWG	BLU	FPR2-02	FPR2:2	ALGN3:8	
16 AWG	WHT/BLK	FPR2-03	FPR2:3	ALGN1:15	
16 AWG	RED/BLK	FPR2-04	FPR2:4	NC	
16 AWG	GRNBLC	FPR2-05	FPR2:5	DIGOUT1:11	
16 AWG	ORG/BLK	FPR2-06	FPR2:6	NC	
16 AWG	BLUBLK	FPR2-07	FPR2:7	ALGN1:13	
16 AWG	RI KWHT	FPR2-08	FPR2:8	TS2:168b	
16 AWG	GRN	FPR2-09	FPR2:9	ALGN1:14	
16 AWG	RED	FPR2-10	FPR2:10	TS2:125b	
16 AWG	WHT	FPR2-11	FPR2:11	TS2:126b	
16 AWG	BLK	FPR2-12	FPR2:12	TS2:167b	
16 AWG	ORG	FPL1-01	FPL1:1	TS2:123b	
16 AWG	BLU	FPL1-02	FPL1:2	TS2:268b	
16 AWG	WHT/BLK	FPL1-03	FPL1:3	TS2:124b	
16 AWG	RED/BLK	FPL1-04	FPL1:4	TS2:239b	
16 AWG	GRNBLC	FPL1-05	FPL1:5	NC	
16 AWG	ORG/BLK	FPL1-06	FPL1:6	NC	
16 AWG	BLUBLK	FPL1-07	FPL1:7	NC	
16 AWG	BLK/WHT	FPL1-08	FPL1:8	NC	
16 AWG	GRN	FPL1-09	FPL1:9	NC	
16 AWG	RED	FPL1-10	FPL1:10	NC	
16 AWG	WHT	FPL1-11	FPL1:11	NC	
16 AWG	BLK	FPL1-12	FPL1:12	NC	
16 AWG	ORG	FPL2-01	FPL2:1	TS2:213b	
16 AWG	BLU	FPL2-02	FPL2:2	TS2:270b	
16 AWG	WHT/BLK	FPL2-03	FPL2:3	TS2:214b	
16 AWG	RED/BLK	FPL2-04	FPL2:4	TS2:251a	
16 AWG	GRNBLC	FPL2-05	FPL2:5	NC	
16 AWG	ORG/BLK	FPL2-06	FPL2:6	NC	
16 AWG	BLUBLK	FPL2-07	FPL2:7	NC	
16 AWG	BLK/WHT	FPL2-08	FPL2:8	NC	
16 AWG	GRN	FPL2-09	FPL2:9	NC	
16 AWG	RED	FPL2-10	FPL2:10	NC	
16 AWG	WHT	FPL2-11	FPL2:11	NC	
16 AWG	BLK	FPL2-12	FPL2:12	NC	
16 AWG	ORG	KLZ1-01	KLZ1:1	DIGOUT4:1	
16 AWG	BLU	KLZ1-02	KLZ1:2	DIGOUT4:9	
16 AWG	WHT/BLK	KLZ1-03	KLZ1:3	DIGOUT4:8	
16 AWG	RED/BLK	KLZ1-04	KLZ1:4	DIGOUT4:7	
16 AWG	GRNBLC	KLZ1-05	KLZ1:5	DIGOUT4:6	
16 AWG	ORG/BLK	KLZ1-06	KLZ1:6	DIGOUT4:5	
16 AWG	BLUBLK	KLZ1-07	KLZ1:7	DIGOUT4:4	
16 AWG	BLK/WHT	KLZ1-08	KLZ1:8	TS2:164a	
16 AWG	GRN	KLZ1-09	KLZ1:9	ALGN3:2	
16 AWG	RED	KLZ1-10	KLZ1:10	TS2:233b	
16 AWG	WHT	KLZ1-11	KLZ1:11	TS2:234b	
16 AWG	BLK	KLZ1-12	KLZ1:12	TS2:166a	
16 AWG	GRN	KLC1-01	KLC1:1	TS2:111b	
16 AWG	BLK	KLC1-02	KLC1:2	TS2:221b	
16 AWG	WHT	KLC1-03	KLC1:3	TS2:211b	
16 AWG	ORG	MBR1-01	MBR1:1	TS2:241b	
16 AWG	BLU	MBR1-02	MBR1:2	TS2:162b	
16 AWG	WHT/BLK	MBR1-03	MBR1:3	TS2:215b	
16 AWG	RED/BLK	MBR1-04	MBR1:4	TS2:252a	
16 AWG	GRNBLC	MBR1-05	MBR1:5	TS2:216b	
16 AWG	ORG/BLK	MBR1-06	MBR1:6	TS2:253a	
16 AWG	BLUBLK	MBR1-07	MBR1:7	TS2:221b	
16 AWG	BLK/WHT	MBR1-08	MBR1:8	TS2:254a	
16 AWG	GRN	MBR1-09	MBR1:9	DIGOUT3:1	
16 AWG	RED	MBR1-10	MBR1:10	TS2:167a	
16 AWG	WHT	MBR1-11	MBR1:11	TS2:117b	
16 AWG	BLK	MBR1-12	MBR1:12	TS2:168b	
16 AWG	ORG	MBR2-01	MBR2:1	TS2:239b	
16 AWG	BLU	MBR2-02	MBR2:2	TS2:193b	
16 AWG	WHT/BLK	MBR2-03	MBR2:3	TS2:218b	
16 AWG	RED/BLK	MBR2-04	MBR2:4	TS2:255a	
16 AWG	GRNBLC	MBR2-05	MBR2:5	TS2:219b	
16 AWG	ORG/BLK	MBR2-06	MBR2:6	TS2:256a	
16 AWG	BLUBLK	MBR2-07	MBR2:7	TS2:220b	
16 AWG	BLK/WHT	MBR2-08	MBR2:8	TS2:257a	
16 AWG	GRN	MBR2-09	MBR2:9	TS2:162b	
16 AWG	RED	MBR2-10	MBR2:10	TS2:156b	
16 AWG	WHT	MBR2-11	MBR2:11	NC	
16 AWG	BLK	MBR2-12	MBR2:12	NC	
16 AWG	ORG	PCP1-01	PCP1:1	DIGOUT3:5	
16 AWG	BLU	PCP1-02	PCP1:2	DIGOUT3:8	
16 AWG	WHT/BLK	PCP1-03	PCP1:3	NC	
16 AWG	RED/BLK	PCP1-04	PCP1:4	ALGN3:11	
16 AWG	GRNBLC	PCP1-05	PCP1:5	NC	
16 AWG	ORG/BLK	PCP1-06	PCP1:6	AI GIN3:10	
16 AWG	BLUBLK	PCP1-07	PCP1:7	DIGOUT3:6	
16 AWG	BLK/WHT	PCP1-08	PCP1:8	TS2:251b	
16 AWG	GRN	PCP1-09	PCP1:9	DIGOUT3:7	
16 AWG	RED	PCP1-10	PCP1:10	TS2:127b	
16 AWG	WHT	PCP1-11	PCP1:11	TS2:128b	

WIRE CHART					
GAUGE	COLOR	WIRE CODE	SOURCE	TARGET	
16 AWG	BLK	PCP1-12	PCP1:12	TS2252b	
16 AWG	ORG	PCP2-01	PCP2:1	DIGOUT3:4	
16 AWG	BLU	PCP2-02	PCP2:2	ALGN1:16	
16 AWG	WHT/BLK	PCP2-03	PCP2:3	DIGOUT3:3	
16 AWG	RED/BLK	PCP2-04	PCP2:4	DIGOUT3:12	
16 AWG	GRN/BLK	PCP2-05	PCP2:5	ALGN3:9	
16 AWG	ORG/BLK	PCP2-06	PCP2:6	DIGOUT2:5	
16 AWG	BLUBLK	PCP2-07	PCP2:7	ALGN2:1	
16 AWG	BLK/WHT	PCP2-08	PCP2:8	TS2253b	
16 AWG	GRN	PCP2-09	PCP2:9	ALGN2:2	
16 AWG	RED	PCP2-10	PCP2:10	TS2128b	
16 AWG	WHT	PCP2-11	PCP2:11	TS2:130b	
16 AWG	BLK	PCP2-12	PCP2:12	TS2264b	
16 AWG	ORG	RAX1-01	RAX1:1	NC	
16 AWG	BLU	RAX1-02	RAX1:2	NC	
16 AWG	WHT/BLK	RAX1-03	RAX1:3	ALGN3:4	
16 AWG	RED/BLK	RAX1-04	RAX1:4	NC	
16 AWG	GRN/BLK	RAX1-05	RAX1:5	ALGN3:3	
16 AWG	ORG/BLK	RAX1-06	RAX1:6	NC	
16 AWG	BLUBLK	RAX1-07	RAX1:7	DIGIN2:7	
16 AWG	BLK/WHT	RAX1-08	RAX1:8	TS2255b	
16 AWG	GRN	RAX1-09	RAX1:9	TS2:209b	
16 AWG	RED	RAX1-10	RAX1:10	TS2:135b	
16 AWG	WHT	RAX1-11	RAX1:11	TS2:138b	
16 AWG	BLK	RAX1-12	RAX1:12	TS2256b	
16 AWG	ORG	RCL1-01	RCL1:1	TS2222b	
16 AWG	BLU	RCL1-02	RCL1:2	TS2259a	
16 AWG	WHT/BLK	RCL1-03	RCL1:3	TS2240b	
16 AWG	RED/BLK	RCL1-04	RCL1:4	DIGOUT3:10	
16 AWG	GRN/BLK	RCL1-05	RCL1:5	TS21245b	
16 AWG	ORG/BLK	RCL1-06	RCL1:6	TS2:155b	
16 AWG	BLUBLK	RCL1-07	RCL1:7	TS2143b	
16 AWG	BLK/WHT	RCL1-08	RCL1:8	TS131b	
16 AWG	GRN	RCL1-09	RCL1:9	TS2170b	
16 AWG	RED	RCL1-10	RCL1:10	TS2242b	
16 AWG	WHT	RCL1-11	RCL1:11	TS2221b	
16 AWG	BLK	RCL1-12	RCL1:12	TS2258a	
16 AWG	GRN	RCL2-01	RCL2:1	TS2169b	
16 AWG	BLK	RCL2-02	RCL2:2	TS2:183b	
16 AWG	WHT	RCL2-03	RCL2:3	NC	
16 AWG	ORG	RFF1-01	RFF1:1	TS2:204b	
16 AWG	BLU	RFF1-02	RFF1:2	NC	
16 AWG	WHT/BLK	RFF1-03	RFF1:3	ALGN2:4	
16 AWG	RED/BLK	RFF1-04	RFF1:4	ALGN2:5	
16 AWG	GRN/BLK	RFF1-05	RFF1:5	DIGIN2:11	
16 AWG	ORG/BLK	RFF1-06	RFF1:6	DIGOUT8:10	
16 AWG	BLUBLK	RFF1-07	RFF1:7	ALGN3:5	
16 AWG	BLK/WHT	RFF1-08	RFF1:8	TS2257b	
16 AWG	GRN	RFF1-09	RFF1:9	NC	
16 AWG	RED	RFF1-10	RFF1:10	TS2206b	
16 AWG	WHT	RFF1-11	RFF1:11	TS2205b	
16 AWG	BLK	RFF1-12	RFF1:12	TS2258b	
16 AWG	ORG	RFF2-01	RFF2:1	DIGOUT5:8	
16 AWG	BLU	RFF2-02	RFF2:2	TS2:122b	
16 AWG	WHT/BLK	RFF2-03	RFF2:3	DIGIN2:2	
16 AWG	RED/BLK	RFF2-04	RFF2:4	DIGOUT5:1	
16 AWG	GRN/BLK	RFF2-05	RFF2:5	DIGOUT4:1	
16 AWG	ORG/BLK	RFF2-06	RFF2:6	DIGOUT5:8	
16 AWG	BLUBLK	RFF2-07	RFF2:7	NC	
16 AWG	BLK/WHT	RFF2-08	RFF2:8	TS2:259b	
16 AWG	GRN	RFF2-09	RFF2:9	NC	
16 AWG	RED	RFF2-10	RFF2:10	TS2225b	
16 AWG	WHT	RFF2-11	RFF2:11	TS2228b	
16 AWG	BLK	RFF2-12	RFF2:12	TS2280b	
16 AWG	ORG	RFF3-01	RFF3:1	ALGN2:13	
16 AWG	BLU	RFF3-02	RFF3:2	ALGN2:11	
16 AWG	WHT/BLK	RFF3-03	RFF3:3	ALGN2:7	
16 AWG	RED/BLK	RFF3-04	RFF3:4	ALGN2:12	
16 AWG	GRN/BLK	RFF3-05	RFF3:5	ALGN2:6	
16 AWG	ORG/BLK	RFF3-06	RFF3:6	DIGOUT7:11	
16 AWG	BLUBLK	RFF3-07	RFF3:7	ALGN2:9	
16 AWG	BLK/WHT	RFF3-08	RFF3:8	TS2:261b	
16 AWG	GRN	RFF3-09	RFF3:9	ALGN2:8	
16 AWG	RED	RFF3-10	RFF3:10	TS2227b	
16 AWG	WHT	RFF3-11	RFF3:11	TS2228b	
16 AWG	BLK	RFF3-12	RFF3:12	TS2232b	
16 AWG	ORG	RFF4-01	RFF4:1	ALGN2:16	
16 AWG	BLU	RFF4-02	RFF4:2	ALGN2:1	
16 AWG	WHT/BLK	RFF4-03	RFF4:3	ALGN2:10	
16 AWG	RED/BLK	RFF4-04	RFF4:4	ALGN2:6	
16 AWG	GRN/BLK	RFF4-05	RFF4:5	DIGIN2:1	
16 AWG	ORG/BLK	RFF4-06	RFF4:6	DIGOUT7:7	
16 AWG	BLUBLK	RFF4-07	RFF4:7	ALGN2:15	
16 AWG	BLK/WHT	RFF4-08	RFF4:8	TS2:263b	
16 AWG	GRN	RFF4-09	RFF4:9	ALGN2:14	
16 AWG	RED	RFF4-10	RFF4:10	TS2229b	
16 AWG	WHT	RFF4-11	RFF4:11	TS2:230b	
16 AWG	BLU	RFF4-12	RFF4:12	TS2:264b	
16 AWG	ORG	RFF5-01	RFF5:1	ALGN3:7	
16 AWG	BLU	RFF5-02	RFF5:2	ALGN3:12	
16 AWG	WHT/BLK	RFF5-03	RFF5:3	NC	
16 AWG	RED/BLK	RFF5-04	RFF5:4	ALGN3:13	
16 AWG	GRN/BLK	RFF5-05	RFF5:5	DIGOUT5:4	
16 AWG	ORG/BLK	RFF5-06	RFF5:6	TS2:103a	
16 AWG	BLUBLK	RFF5-07	RFF5:7	DIGOUT2:13	
16 AWG	BLK/WHT	RFF5-08	RFF5:8	TS2:265b	
16 AWG	GRN	RFF5-09	RFF5:9	DIGOUT7:12	
16 AWG	RED	RFF5-10	RFF5:10	TS2:315b	
16 AWG	WHT	RFF5-11	RFF5:11	TS2:132b	
16 AWG	BLK	RFF5-12	RFF5:12	TS2:268b	

WIRE CHART				
GAUGE	COLOR	WIRE CODE	SOURCE	TARGET
16 AWG	ORG	RFM1-01	RFM1:1	DIGIN2:3
16 AWG	BLU	RFM1-02	RFM1:2	NC
16 AWG	WHT/BLK	RFM1-03	RFM1:3	NC
16 AWG	RED/BLK	RFM1-04	RFM1:4	ALGIN3:3
16 AWG	GRNBLC	RFM1-05	RFM1:5	ALGIN1:10
16 AWG	ORG/BLK	RFM1-06	RFM1:6	DIGIN3:10
16 AWG	BLUBLK	RFM1-07	RFM1:7	DIGIN1:3
16 AWG	BLKWHT	RFM1-08	RFM1:8	TS2:267:b
16 AWG	GRN	RFM1-09	RFM1:9	TS2:211:b
16 AWG	RED	RFM1-10	RFM1:10	TS2:133:b
16 AWG	WHT	RFM1-11	RFM1:11	TS2:134:b
16 AWG	BLK	RFM1-12	RFM1:12	TS2:260:a
16 AWG	ORG	SRC1-01	SRC1:1	DIGIN1:12
16 AWG	BLU	SRC1-02	SRC1:2	NC
16 AWG	WHT/BLK	SRC1-03	SRC1:3	TS3:113:b
16 AWG	RED/BLK	SRC1-04	SRC1:4	ALGIN1:3
16 AWG	GRNBLC	SRC1-05	SRC1:5	TS1:11:b
16 AWG	ORG/BLK	SRC1-06	SRC1:6	TS1:157:b
16 AWG	BLUBLK	SRC1-07	SRC1:7	NC
16 AWG	BLKWHT	SRC1-08	SRC1:8	NC
16 AWG	GRN	SRC1-09	SRC1:9	NC
16 AWG	RED	SRC1-10	SRC1:10	TS2:157:a
16 AWG	WHT	SRC1-11	SRC1:11	TS2:159:b
16 AWG	BLU	SRC1-12	SRC1:12	TS2:159:b
22 AWG	BARE	SRC2-01	SRC2:1	DIGCAN11
22 AWG	RED	SRC2-02	SRC2:2	NC
22 AWG	BLK	SRC2-03	SRC2:3	NC
22 AWG	WHT	SRC2-04	SRC2:4	DIGCAN10
22 AWG	BLU	SRC2-05	SRC2:5	DIGCAN9
16 AWG	OF4	TS1:50:a	TS2:255:b	
14 AWG	OB	TS3:211:b	TS1:2:b	
16 AWG	OB8	TS3:110:b	CONT_PWRV1	
16 AWG	OB9	TS3:210:b	DIGPWRR7	
14 AWG	OC	TS3:17:b	TS1:3:b	
10 AWG	OE	TS3:182:b	TS1:5:b	
14 AWG	OE1	TS3:229:b	TS1:6:b	
14 AWG	OE1A	TS3:129:b	TS1:27:a	
10 AWG	OE4	TS3:262:b	TS2:235:a	
10 AWG	OF	TS3:155:b	TS1:7:b	
10 AWG	OF	TS3:156:b	TS1:8:b	
16 AWG	OF2A	TS3:116:b	TS1:51:a	
16 AWG	OF3	TS3:227:b	CRTD1	
12 AWG	OFA	TS3:258:b	TS2:137:a	
12 AWG	OFA	TS3:257:b	TS2:138:a	
14 AWG	OK	TS3:235:b	TS1:13:b	
14 AWG	OKA	TS3:155:b	TS2:117:a	
14 AWG	OL	TS3:236:b	TS1:14:b	
14 AWG	OLA	TS3:136:b	TS1:29:a	
14 AWG	OM	TS3:237:b	TS1:15:b	
14 AWG	OMA	TS3:137:b	TS2:123:a	
14 AWG	ON	TS3:238:b	TS1:16:b	
14 AWG	ONA	TS3:138:b	TS2:213:a	
14 AWG	OP	TS3:239:b	TS1:17:b	
14 AWG	OPA	TS3:139:b	TS2:215:a	
14 AWG	OR	TS3:240:b	TS1:16:b	
14 AWG	ORA	TS3:140:b	TS2:218:a	
14 AWG	OS	TS3:241:b	TS1:19:b	
14 AWG	OSA	TS3:141:b	TS2:221:a	
10 AWG	OT	TS3:160:b	CB2:1	
10 AWG	OTA	TS3:260:b	TS1:46:a	
10 AWG	OV	TS3:159:b	TS1:21:b	
10 AWG	OVA	TS3:259:b	TS1:32:b	
10 AWG	OW	TS3:181:b	TS1:22:b	
10 AWG	OWA	TS3:261:b	TS1:42:a	
14 AWG	OY	TS3:112:b	TS1:24:b	
14 AWG	OZ	TS3:230:b	TS1:20:b	
14 AWG	O1	TS3:252:b	TS1:49:b	
16 AWG	3B	TS3:204:b	TS2:220:b	
14 AWG	13	TS3:220:b	TS2:220:a	
16 AWG	D8	TS3:217:b	DIGIN1:8	
16 AWG	D02	TS3:114:b	DIGOUT1:11	
16 AWG	D04	TS3:246:b	DIGOUT1:9	
16 AWG	D06	TS3:245:b	DIGOUT1:8	
16 AWG	D07	TS3:243:b	DIGOUT1:8	
16 AWG	D08	TS3:242:b	DIGOUT1:5	
16 AWG	D017	TS3:250:b	DIGOUT2:10	
16 AWG	D019	TS3:249:b	DIGOUT2:9	
16 AWG	D019	TS3:248:b	DIGOUT2:8	
16 AWG	D023	TS3:115:b	DIGOUT2:3	
16 AWG	D024	TS3:109:b	DIGOUT2:1	
16 AWG	D035	TS3:251:b	DIGOUT3:2	
16 AWG	EST1-02	TS3:224:b	DIGIN3:1	
12 AWG	GND	TS3:150:b	GND:7	
12 AWG	GND	TS3:122:b	GND:1	

5

LEGEND

CAB1:01

DIGIN1:1

TYPE	ETHER AREA NETWORK
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TS3:205:a

STRIP 1 (FUSE)
STRIP 2 (DISTRIBUTION)
STRIP 3 (RELAY PANEL)
OCK #
E LEVEL TERMINAL BLOCK
R LEVEL TERMINAL BLOCK
R LEVEL TERMINAL BLOCK

**CONNECTION
INVERTER 24V TO 12V (427-0219)**

MACHINE CONTROLLER POWER (426-963)
BRIDGE
TING PLATE

A diagram showing a stepped base for a 200's:b structure. The base is composed of three levels of rectangular blocks. The top level has two vertical columns of blocks on its left side. The middle level has a single vertical column of blocks on its left side. The bottom level is irregularly shaped, with a jagged right edge and a smooth left edge. The entire base is labeled '200's:b'.

100 s.s.

TORQUE SPECIFICATIONS CHART		
MIN TORQUE (lb in)	MAX TORQUE (lb in)	MIN TORQUE (Nm)
5.3	7.1	0.6
5.3	7.1	0.6

5.3	7.1	0.6
13.3	14.2	1.5
1.9	2.2	0.22
1.9	2.2	0.22
4.4	5.3	0.5
4.4	5.3	0.5
13.3	15.9	1.5

CTRL CABINET DO NOT SCALE DRW NO. 427

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5.90A.1|R4274479

LOW VOLTAGE CONTROL CABINET ASSEMBLY

**L-2350-2242 PARTS MANUAL
LOW VOLTAGE CONTROL CABINET ASSEMBLY**

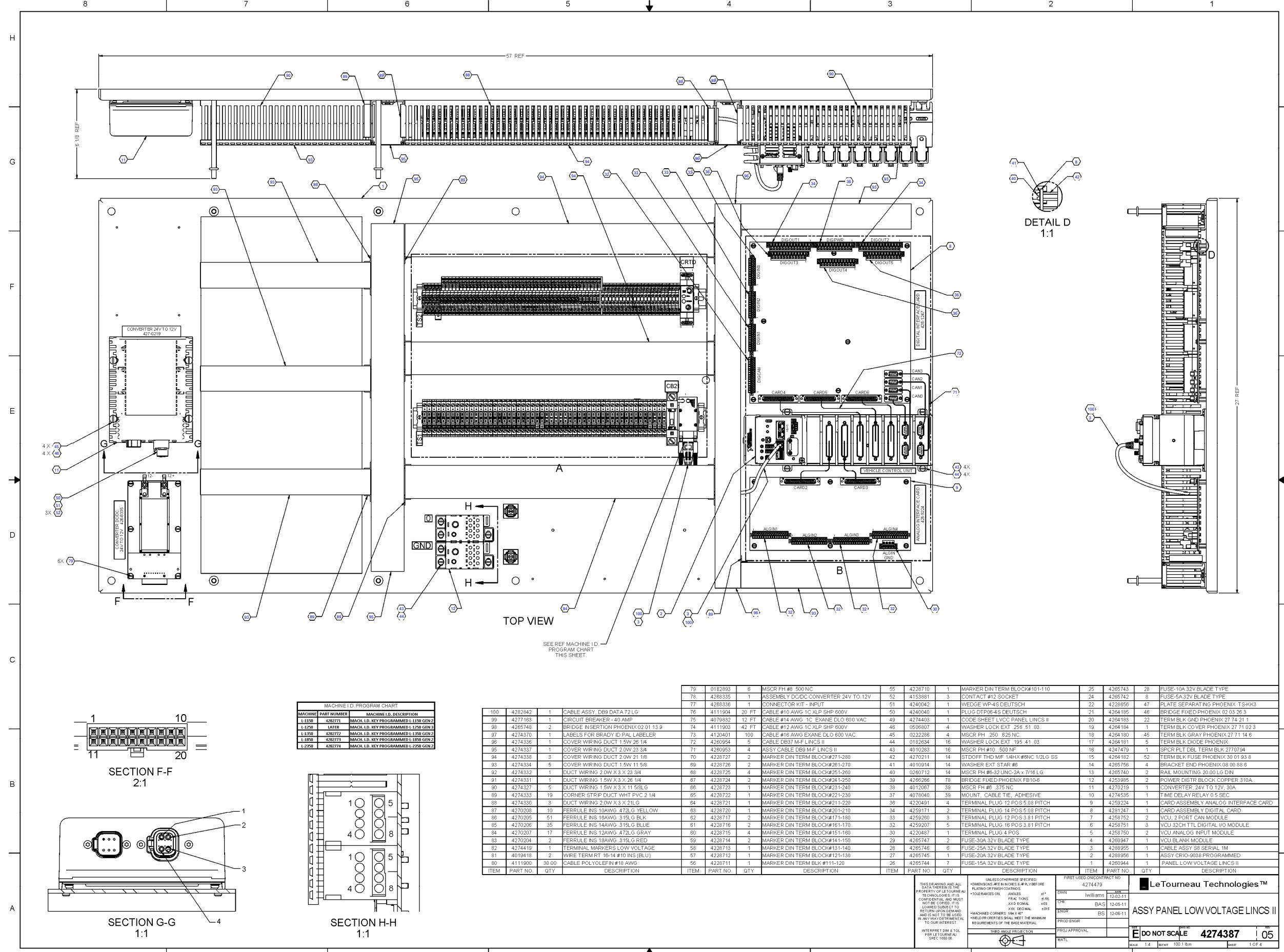
Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4274479			LOW VOLTAGE CONTROL CABINET ASSEMBLY		12/6/16
1	R4263793	1		• LOW VOLTAGE CONTROL CABINET STRUCTURE		
	R4286004	1		• • DOOR, LEFT - WITH GASKET, LVCC		12/6/16
	R4286005	1		• • DOOR, RIGHT - WITH GASKET, LVCC		12/6/16
2	R4274387	1		• PANEL ASSEMBLY, LOW VOLTAGE LINCS II (PAGE 5.92-5.92A)		
3	R4274400	1		• PANEL ASSEMBLY, LINCS II RELAY (PAGE 5.93-5.93A)		
4	R4046896	30		• RING, SEALING - 1/2" - CONDUIT		
5	R4265239	25		• RECEPTACLE, 12 PIN - FEMALE		
6	R4265238	3		• RECEPTACLE, 3 PIN - FEMALE		
7	R4264189	4		• RECEPTACLE, CAN - FEMALE		
8	R4264193	1		• RECEPTACLE, E-NET - FEMALE		
9	N.P.N.			• NOT USED		
10	R4004688	2		• CONNECTOR, CABLE - 1/2"		
11	R4230605	30		• NUT, BRASS - 1/2"		
12	N.P.N.			• NOT USED		
13	R4066606	2		• TERMINAL, WIRE - #1/0, 3/8" HOLE		
14	R4265214	1		• CODE SHEET ASSEMBLY, LVCC LINCS II		
15	R4120401	100	FT	• CABLE, #16 AWG 600V		
16	R4079832	120	FT	• CABLE, #14 AWG 600V		
17	R4111903	30	FT	• CABLE, #12 AWG 2000V		
18	R4111910	12	FT	• CABLE, 1/0 AWG		
19	R4255434	1		• CAP FOR M12 CONNECTOR BREAKOUT BOX		
20	R0810970	2		• BOLT, 3/8"-16 X 3/4"		
21	R0986145	1		• CLAMP, CABLE - INSULATED, 1-1/2"		
22	R0986144	1		• CLAMP, CABLE - INSULATED, 1-1/4"		
23	R0985113	2		• LOCKNUT, 3/8"-16 - NYLON		
24	R4270202	12		• FERRULE, 22 AWG - PURPLE		
25	R4270205	286		• FERRULE, INSULATED - 16AWG .315LG BLACK		
26	R4270206	36		• FERRULE, INSULATED - BLUE		
27	R4270207	8		• FERRULE, 12 AWG - GRAY		
28	R4079983	20		• CABLE TIE, 1/16" X 3"		
29	R4270070	AR		• LOCTITE 242		
30	R4274370	2		• LABELS		
31	R4232049	36	FT	• CABLE, #10 AWG 600V		
32	R4270208	18		• FERRULE, 10 AWG - YELLOW		
	R4278988	REF		LABEL, DO NOT WASH - ENGLISH AND TURKISH	1	5/6/13
		REF		DRAWING, LOW VOLTAGE CONTROL CABINET ASSEMBLY (R427447903)		5/6/13

**L-2350-2242 PARTS MANUAL
LOW VOLTAGE CONTROL CABINET ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
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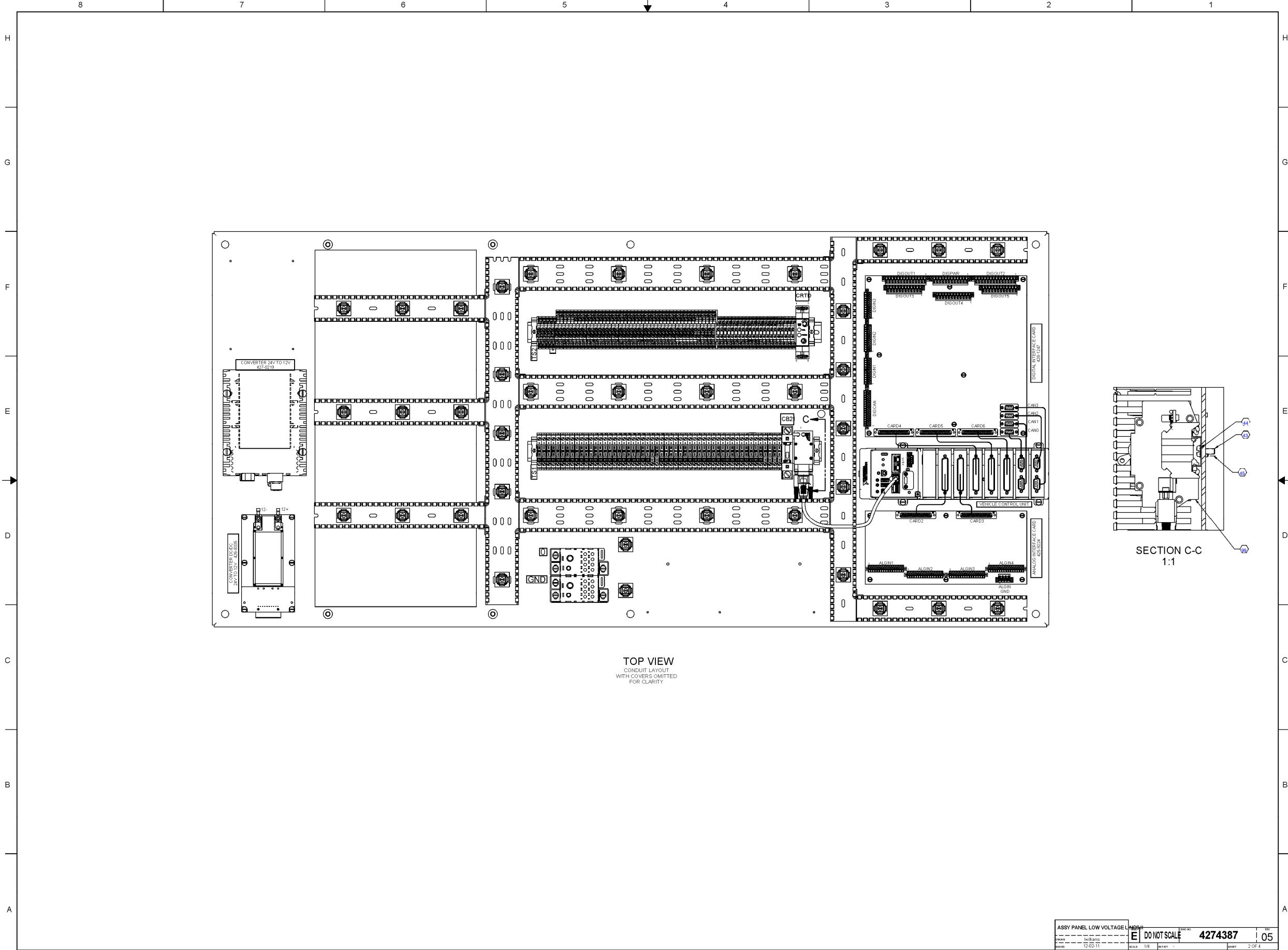
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LOW VOLTAGE PANEL ASSEMBLY, LINCS II



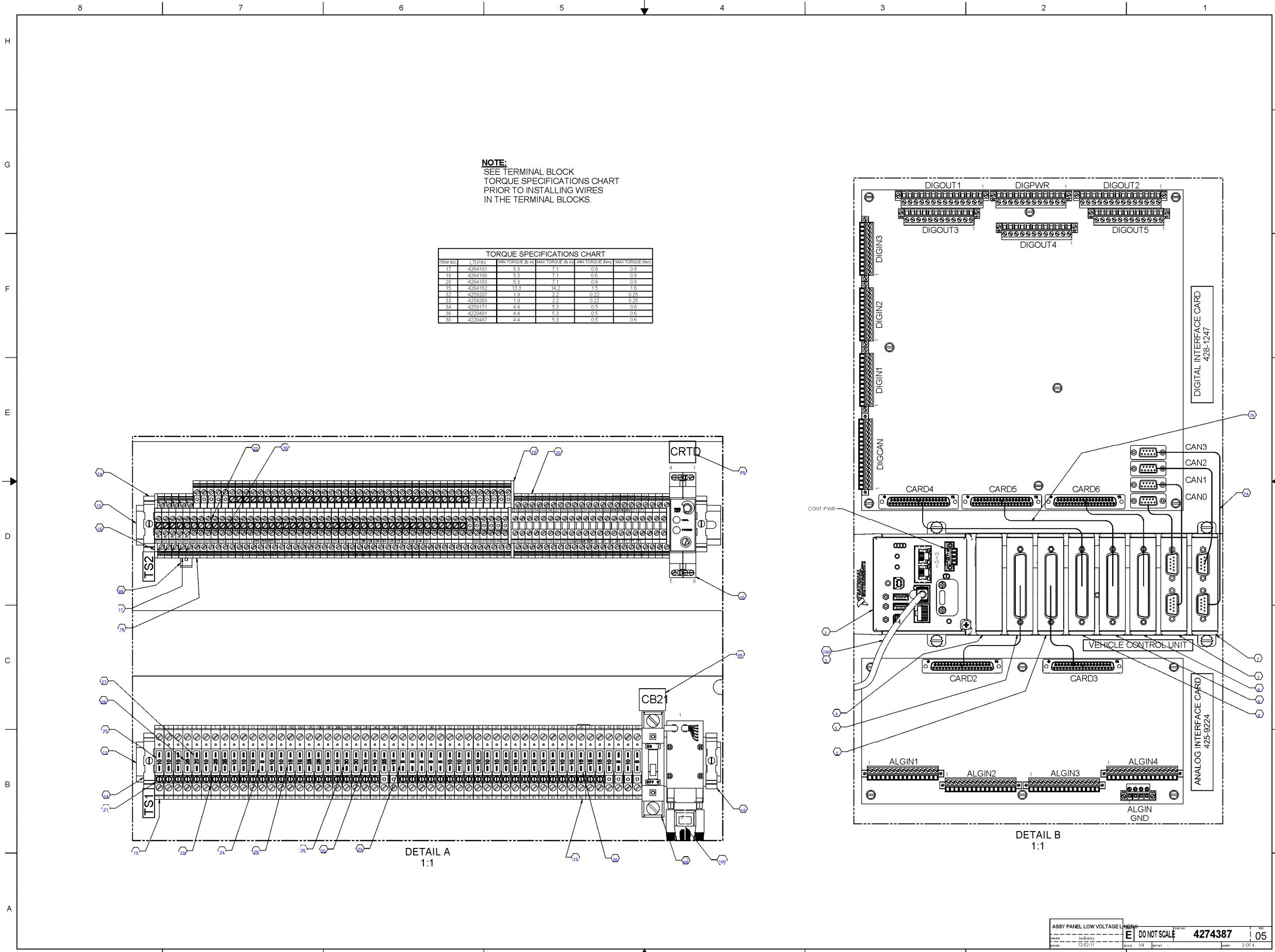
LOW VOLTAGE PANEL ASSEMBLY, LINCS II

LOW VOLTAGE PANEL ASSEMBLY, LINCS II



LOW VOLTAGE PANEL ASSEMBLY, LINCS II

LOW VOLTAGE PANEL ASSEMBLY, LINCS II



LOW VOLTAGE PANEL ASSEMBLY, LINCS II

LOW VOLTAGE PANEL ASSEMBLY, LINCS II

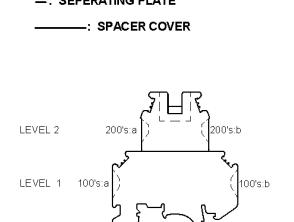
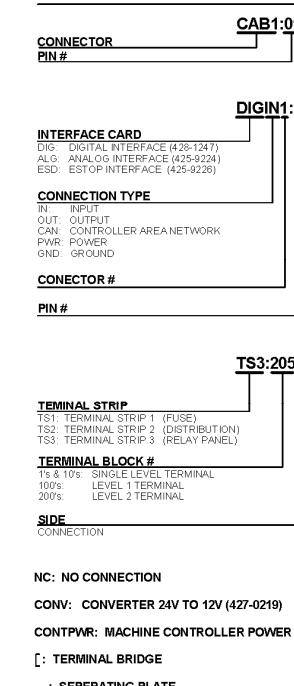
NOTE:
SEE TERMINAL BLOCK
TORQUE SPECIFICATIONS CHART
PRIOR TO INSTALLING WIRES
IN THE TERMINAL BLOCKS.

TERMINAL STRIP 1 (TS1) LAYOUT						
TERMINAL BLOCK #	a SIDE WIRE CODE	FUSE	CURRENT	COMPONENT	b SIDE WIRE CODE	
1	0	10 AMP	FU01		EST-10	
2	0	10 AMP	FU02			
3	0	10 AMP	FU03		0C	
4	0	25 AMP	FU04		0D	
5	0	25 AMP	FU05		0E	
6	0	10 AMP	FU06		0F1	
7	0	25 AMP	FU07		0F	
8	0	25 AMP	FU08		0F	
9	0	10 AMP	FU09		0G	
10	0	10 AMP	FU10		0H	
11	0	10 AMP	FU11		SRC-T-05	
12	0	5 AMP	FU13		CSD-109	
13	0	10 AMP	FU14			
14	0	10 AMP	FU15		0L	
15	0	15 AMP	FU16		0M	
16	0	15 AMP	FU17		0N	
17	0	25 AMP	FU18		0P	
18	0	25 AMP	FU19		0Q	
19	0	15 AMP	FU20		0S	
20	0	10 AMP	FU22		0Z	
21	0	30 AMP	FU23		0V	
22	0	30 AMP	FU24		0W	
23	0	10 AMP	FU25		0X	
24	0	10 AMP	FU26		0Y	
25	0	25 AMP	FU27		03	
26	12V1	15 AMP	FU102		12V2	
27	0E1A	5 AMP	FU104		0E1B	
28	0E1A	5 AMP	FU105		CAB1-05	
29	0LA	5 AMP	FU109		0L	
30	0LA	5 AMP	FU110		0L	
31	0LA	5 AMP	FU111		RCL1-08	
32	0VA	10 AMP	FU120		0VA	
33	0VA	10 AMP	FU121		0VC	
34	0VA	10 AMP	FU122		0VD	
35	0VA	10 AMP	FU123		0VE	
36	0VA	10 AMP	FU124		0VF	
37	0VA	10 AMP	FU125		0WH	
38	0VA	10 AMP	FU126		0VH	
39	0VA	10 AMP	FU127		0VJ	
40	0VA	10 AMP	FU128		0WB	
41	0VA	10 AMP	FU129		0WD	
42	0VA	10 AMP	FU130		0WE	
43	0VA	10 AMP	FU131		0HE	
44	0WA	10 AMP	FU132		0WF	
45	0WA	10 AMP	FU133		EIC1-11	
46	0TA	15 AMP	FU134		CAB4-01	
47	0TA	15 AMP	FU135		CAB4-03	
48	0TA	15 AMP	FU136		CAB4-05	
49	0TA	10 AMP	FU137			
50	0FA	5 AMP	FU137		EIC1-04	
51	0F2A	10 AMP	FU138		SCR1-06	
52	0FA	5 AMP	FU139		DCP1-02	

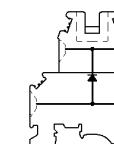
TERMINAL STRIP 2 (TS2) LAYOUT				
LEVEL 1		LEVEL 2		
TERMINAL NUMBER	BLOCK #	WIRE CODE	BLOCK #	WIRE CODE
101	D	D03	201	3B
102	D	D17	202	3B
103	D	RFF5-06	203	RFF1-01
104	D	GND	204	RFF1-01
105	D	GND	205	0VF
106			206	0VF
107		EST1-05	207	13
108		EST1-08	208	13
109		EST1-06	209	0X
110		EST1-11	210	0X
111		0JA	211	0JA
112		0JA	212	0JB
113		12V2	213	0NA
F114		12V2	214	0NA
115		12V2	215	0PA
116		12V2	216	0PA
117		OKA	217	0PA
118		OKA	218	0RA
119		QLB	219	0RA
120		QLB	220	0RA
121		0LC	221	0SA
122		0LC	222	0SA
123		0MA	223	0VB
F124		0MA	224	0VB
125		0VC	225	0VG
126		0VC	226	0VG
127		0VD	227	0VH
128		0VD	228	0VH
129		0VE	229	0VJ
130		0VE	230	0VJ
131		0WB	231	0WE
132		0WB	232	0WE
133		0WC	233	0WF
134		0WC	234	0WF
135		0WD	235	0EA
136		0WD	236	0EA
137		0FA	237	D10
138		0FA	238	D110
139		0FA	239	D038
140		0FA	240	D038
141		0FA	241	D037
142		0FA	242	D037
143		D038	243	0D
144		D038	244	0D
		CABE-11	245	
145			246	
146			247	
147			248	
148			249	
149			250	
150				
151		GND	251	GND
152		GND	252	GND

WIRE CHART			
Gauge	Wire Code	Source	Target
10 AWG	0	0.1	TS1:1'a
10 AWG	0	0.2	TS1:7'a
10 AWG	0	0.3	TS1:10'a
10 AWG	0	0.4	TS1:15'a
10 AWG	0	0.5	TS1:20'a
10 AWG	0	0.6	CB211
12 AWG	0	0.7	TS1:25'a
14 AWG	0	0.8	TS1:49'a
16 AWG	0	0.8	ALGN14
16 AWG	GND	CONT_PWR:C	TS2:168'a
16 AWG	GND	DC_DC_12	TS2:162'a
18 AWG	GND	DC_DC_1C	TS2:161'a
12 AWG	GND	GND_2	CONN:2
12 AWG	GND	GND_3	TS2:170'a
12 AWG	GND	GND_4	TS2:165'a
12 AWG	GND	GND_5	TS2:155'a
12 AWG	GND	GND_6	TS2:160'a
12 AWG	03	TS1:25'b	CONN:1
12 AWG	12V1	TS1:26'a	CONN:4
12 AWG	12V2	TS1:26'b	TS2:113'a
14 AWG	0D	TS1:4'b	TS2:243'a
14 AWG	0LB	TS1:29'b	TS2:119'a
14 AWG	0LC	TS1:30'b	TS2:121'a
14 AWG	0WB	TS1:40'b	TS2:131'a
14 AWG	0WC	TS1:41'b	TS2:133'a
14 AWG	0WD	TS1:42'b	TS2:135'a
14 AWG	0WE	TS1:43'b	TS2:231'a
14 AWG	0WF	TS1:44'b	TS2:233'a
14 AWG	0VB	TS1:32'b	TS2:223'a
14 AWG	0VC	TS1:33'b	TS2:125'a
14 AWG	0VD	TS1:34'b	TS2:127'a
14 AWG	0VE	TS1:35'b	TS2:129'a
14 AWG	0VF	TS1:36'b	TS2:206'a
14 AWG	0VG	TS1:37'b	TS2:225'a
14 AWG	0VJ	TS1:39'b	TS2:229'a
14 AWG	0X	TS1:23'b	TS2:209'a
16 AWG	0S	TS1:9'b	DIGPWR:6
16 AWG	0H	TS1:10'b	CRTD:6
18 AWG	0E1B	TS1:27'b	DC_DC:5
14 AWG	0VH	TS2:227'a	TS1:38'b
16 AWG	GND	TS2:154'a	ALGND:1
16 AWG	GND	TS2:156'a	ALGND:2
16 AWG	GND	TS2:151'a	DIGPWR:3
16 AWG	GND	TS2:152'a	DIGPWR:4
16 AWG	GND	TS2:153'a	DIGPWR:5
16 AWG	GND	TS2:157'a	CRTD:2
16 AWG	GND	TS2:159'a	TS2:105'a
16 AWG	0D10	TS2:237'a	DIGNI:10
16 AWG	0D37	TS2:241'b	DIGOUT4:12
16 AWG	0D38	TS2:238'a	DIGOUT4:11
16 AWG	0D58	TS2:143'a	DIGOUT5:3
16 AWG	0FA	TS2:137'b	DIGPWR:8
16 AWG	0FA	TS2:138'b	DIGPWR:9
16 AWG	0FA	TS2:139'b	DIGPWR:10
16 AWG	0FA	TS2:140'b	DIGPWR:11
16 AWG	0FA	TS2:141'b	DIGPWR:12
16 AWG	0FA	TS2:142'b	TS1:52'a
16 AWG	RF1F-01	TS2:204'a	CRTD:8
16 AWG	D7	TS2:102'b	DIGNI:7
16 AWG	D03	TS2:101'a	DIGOUT1:10
16 AWG	RF5F-06	TS2:103'b	DIGNI:7

LEGEND



TERMINAL BLOCK LAYOUT



426-4181 (DIODE)

ASSY PANEL LOW VOLTAGE L N E H C H		DRW NO.
DRWNR	Williams	E
ISSUE/ED	12-02-11	DO NOT SCALE
SCALE 1/4		STRT -
		STREET
		4 OF 4

LOW VOLTAGE PANEL ASSEMBLY, LINCS II

**L-2350-2242 PARTS MANUAL
LOW VOLTAGE PANEL ASSEMBLY, LINCS II**

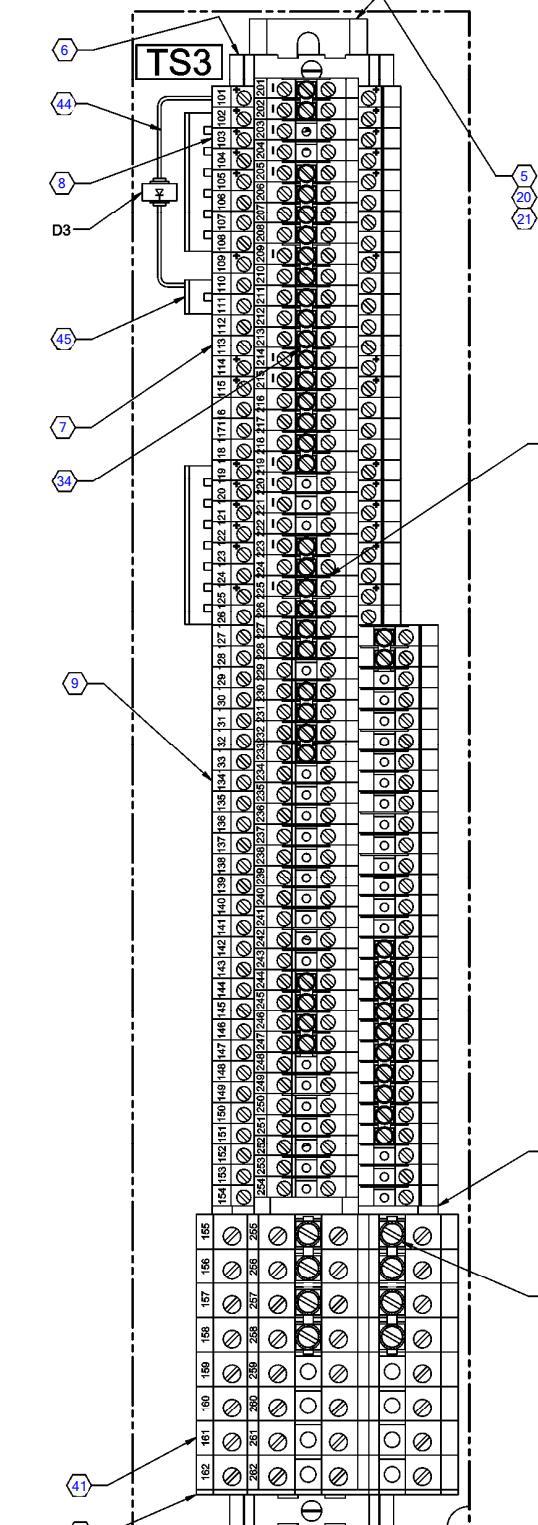
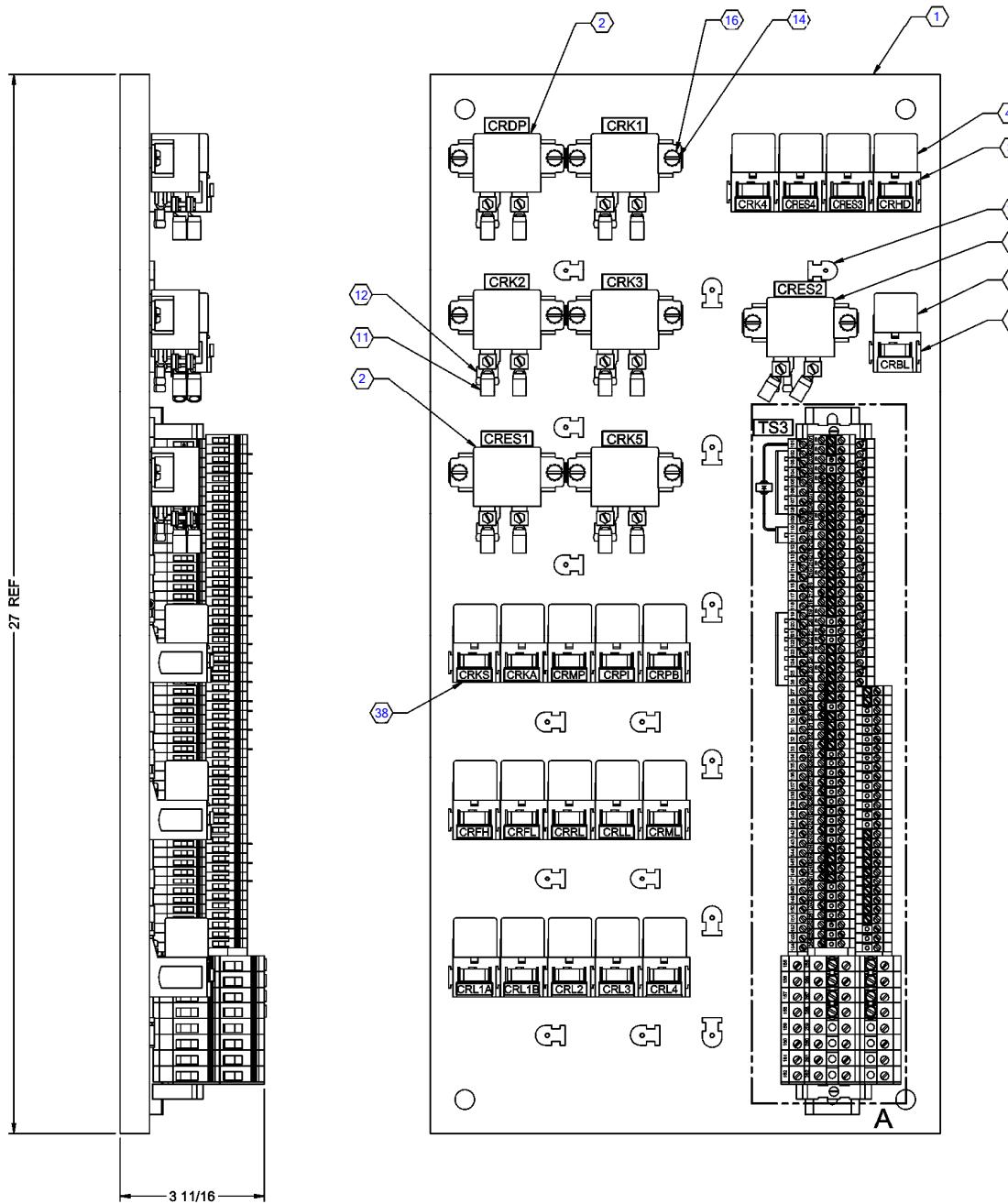
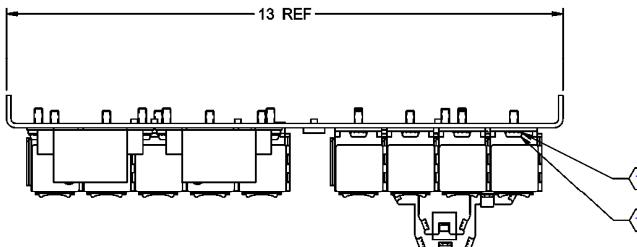
Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4274387			LOW VOLTAGE PANEL ASSEMBLY, LINCS II		4/19/17
1	R4260944	1		• PANEL, LOW VOLTAGE - LINCS II		
2	R4288956	1		• CRI0 ASSEMBLY, PROGRAMMED		4/19/17
3	R4288955	1		• CABLE ASSEMBLY, 1M		4/19/17
4	R4260947	1		• VCU BLANK MODULE		
5	R4258750	2		• VCU ANALOG INPUT MODULE		
6	R4258751	3		• VCU 32CH TTL I/O MODULE		
7	R4258752	2		• VCU 2 PORT CAN MODULE		
8	R4281247	1		• CARD ASSEMBLY, DIGITAL INTERFACE		6/26/13
9	R4259224	1		• CARD ASSEMBLY, ANALOG INTERFACE		
10	R4274535	1		• RELAY, TIME DELAY - .5 SECONDS		
11	R4270219	1		• CONVERTER, 24V TO 12V - 30A		
12	R4253985	2		• POWER DISTRIBUTION BLOCK, COPPER 310A		
13	R4265740	2		• RAIL MOUNTING, 20" DIN		
14	R4265756	6		• BRACKET END		
15	R4264182	52		• TERMINAL BLOCK, FUSE		
16	R4247479	1		• SPACER PLATE, GRAY		
17	R4264181	5		• TERMINAL BLOCK, DIODE		
18	R4264180	45		• TERMINAL BLOCK, GRAY		
19	R4264184	1		• TERMINAL BLOCK, COVER		
20	R4264183	22		• TERMINAL BLOCK, GROUND		
21	R4264185	46		• BRIDGE, FIXED		
22	R4228656	47		• PLATE, SEPARATING - TS-KK3 DIN		
23	N.P.N.			• NOT USED		
24	R4265742	8		• FUSE, 5A 32V - BLADE TYPE TAN		
25	R4265743	28		• FUSE, 10A 32V - BLADE TYPE RED		
26	R4265744	7		• FUSE, 15A 32V - BLADE TYPE LIGHT BLUE		
27	R4265745	1		• FUSE, 20A 32V - BLADE TYPE YELLOW		
28	R4265746	6		• FUSE, 25A 32V - BLADE TYPE CLEAR		
29	R4265747	2		• FUSE, 30A 32V - BLADE TYPE GREEN		
30	R4220487	1		• TERMINAL PLUG, 4 POS		
31	N.P.N.			• NOT USED		
32	R4259207	5		• TERMINAL PLUG, 16 POS		
33	R4259260	3		• TERMINAL PLUG, 12 POS		
34	R4259171	2		• TERMINAL PLUG, 14 POS		
35	N.P.N.			• NOT USED		
36	R4220491	4		• TERMINAL PLUG, 12 POS		
37	R4078040	39		• CABLE TIE MOUNT, ADHESIVE		
38	R4012067	39		• SCREW, #6-32 X 3/8" - F.H.		
39	R4266266	78		• BRIDGE, FIXED		
40	R0260712	14		• SCREW, #6-32 X 7/16" - P.H.		
41	R4010914	14		• LOCKWASHER, #6 - EXTERNAL, TOOTH		
42	R4270211	14		• STANDOFF		
43	R4010283	16		• SCREW, #10-32 X 1/2" - P.H.		4/19/17
44	R0182634	16		• LOCKWASHER, #10 - EXTERNAL, TOOTH		4/19/17
45	R0222286	4		• SCREW, 1/4"-20 X 5/8" - P.H.		
46	R0506807	4		• LOCKWASHER, 1/4" - EXTERNAL, TOOTH		
47	N.P.N.			• NOT USED		
48	N.P.N.			• NOT USED		4/19/17
49	R4274403	1		• CODE SHEET, LVCC PANEL LINCS II		
50	R4240040	1		• PLUG		
51	R4240042	1		• WEDGE		
52	R4153881	3		• CONTACT, #12 SOCKET		
53	N.P.N.			• NOT USED		
54	N.P.N.			• NOT USED		
55	R4228710	1		• MARKER, DIN - TERMINAL BLOCK, #101-110		
56	R4228711	1		• MARKER, DIN - TERMINAL BLOCK, #111-120		
57	R4228712	1		• MARKER, DIN - TERMINAL BLOCK, #121-130		

**L-2350-2242 PARTS MANUAL
LOW VOLTAGE PANEL ASSEMBLY, LINCS II**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
58	R4228713	1		• MARKER, DIN - TERMINAL BLOCK, #131-140		
59	R4228714	2		• MARKER, DIN - TERMINAL BLOCK, #141-150		
60	R4228715	4		• MARKER, DIN - TERMINAL BLOCK, #151-160		
61	R4228716	2		• MARKER, DIN - TERMINAL BLOCK, #161-170		
62	R4228717	2		• MARKER, DIN - TERMINAL BLOCK, #171-180		
63	R4228720	1		• MARKER, DIN - TERMINAL BLOCK, #201-210		
64	R4228721	1		• MARKER, DIN - TERMINAL BLOCK, #211-220		
65	R4228722	1		• MARKER, DIN - TERMINAL BLOCK, #221-230		
66	R4228723	1		• MARKER, DIN - TERMINAL BLOCK, #231-240		
67	R4228724	2		• MARKER, DIN - TERMINAL BLOCK, #241-250		
68	R4228725	4		• MARKER, DIN - TERMINAL BLOCK, #251-260		
69	R4228726	2		• MARKER, DIN - TERMINAL BLOCK, #261-270		
70	R4228727	2		• MARKER, DIN - TERMINAL BLOCK, #271-280		
71	R4260953	4		• CABLE ASSEMBLY, DB9 M-F LINCS II		
72	R4260954	5		• CABLE ASSEMBLY, DB37 M-F LINCS II		
73	R4120401	100	FT	• CABLE, #16 AWG - 600V		
74	R4111903	42	FT	• CABLE, #12 AWG 2000V		
75	R4079832	12	FT	• CABLE, #14 AWG- 600V		
76	R4111904	20	FT	• CABLE, #10 AWG 2000V		
77	R4268336	1		• CONNECTOR KIT, INPUT		
78	R4268335	1		• DC/DC CONVERTER ASSEMBLY, 24V TO 12V		
79	R0182893	6		• SCREW, #8-32 X 1/2"		
80	R4111900	30	FT	• CABLE, #18 AWG - 600V		4/19/17
81	R4019418	2		• TERMINAL, WIRE - #16-14, #10 HOLE		
82	R4274419	1		• TERMINAL MARKERS, LOW VOLTAGE		
83	R4270204	2		• FERRULE, INSULATED - 18AWG .315LG RED		
84	R4270207	17		• FERRULE, 12 AWG - GRAY		
85	R4270206	35		• FERRULE, INSULATED - BLUE		
86	R4270205	51		• FERRULE, INSULATED - 16AWG .315LG BLACK		
87	R4270208	10		• FERRULE, 10 AWG - YELLOW		
88	R4274330	3		• DUCT, WIRING - 2" X 3" X 21"		
89	R4274333	19		• DUCT, CORNER STRIP		
90	R4274327	5		• DUCT, WIRING - 1-1/2" X 3" X 11-5/8"		
91	R4274331	1		• DUCT, WIRING - 1-1/2" X 3" X 26-1/4"		
92	R4274332	1		• DUCT, WIRING - 2" X 3" X 23-3/4"		
93	R4274334	5		• COVER, WIRING DUCT - 1-1/2" X 11-5/8"		
94	R4274338	3		• COVER, WIRING DUCT - 2" X 21-1/8"		
95	R4274337	1		• COVER, WIRING DUCT - 2" X 23-3/4"		
96	R4274336	1		• COVER, WIRING DUCT - 1-1/2" X 26-1/4"		
97	R4274370	1		• LABELS		
98	R4265748	2		• BRIDGE, INSERTION		
99	R4277163	1		• CIRCUIT BREAKER, 40A		
100	R4282842	1		• CABLE ASSEMBLY DB9 DATA 72 LG		4/19/17
		REF		DRAWING, LOW VOLTAGE PANEL ASSEMBLY, LINCS II (R427438705)		4/19/17

RELAY PANEL ASSEMBLY, LINCS II

8 | 7 | 6 | 5 | **4** | 3 | 2 | 1



REVISIONS							
ZONE	REV	DESCRIPTION	ECN	DATE	CHG	CHG	CHG
00	RELEASE		NL11-1843	12-06-11	LW	BAS	BS
01	ITS 3 & 4 QTY WERE 19; IT 15 QTY WAS 23; IT 16						
01	QTY WAS 37; IT 33 QTY WAS 82; IT 34 QTY WAS						
01	WAS 42; IT 36 QTY WAS 53 & IT 37 QTY WAS 46	NL12-2466	12-06-12	LW	BAS	BS	BS
02	NO CHANGE THIS SHEET	NL13-1261	2-5-13	JFM	BS	BS	

TORQUE SPECIFICATIONS CHART					
ITEM NO.	LTI P/N	MIN TORQUE (lb in)	MAX TORQUE (lb in)	MIN TORQUE (Nm)	MAX TORQUE (Nm)
8	4247473	5.3	7.1	0.6	0.8
9	4264181	5.3	7.1	0.6	0.8
12	4264180	5.3	7.1	0.6	0.8
41	4274545	13.3	15.9	1.5	1.8

NOTE:
SEE TERMINAL BLOCK
TORQUE SPECIFICATIONS CHART
PRIOR TO INSTALLING WIRES
IN THE TERMINAL BLOCKS.

ITEM	PART NO	QTY	DESCRIPTION
45	4265748	17	BRIDGE INSERTION PHOENIX 02 01 13 9
44	4135968	1	DIODE 6A 1000V
43	4251788	8	FIXED BRIDGE DIN FBI 10-10
42	4274546	1	TERM BLK COVER PHOENIX 3001394
41	4274545	8	TERM BLK GRAY PHOENIX 2772077
40	4274547	1	END COVER GRAY PHOENIX 2770859
39	4274370	1	LABELS FOR BRADY ID PAL LABELER
38	4270208	14	FERRULE INS 10AWG .472LG YELLOW
37	4270206	48	FERRULE INS 14AWG .315LG BLUE
36	4270205	55	FERRULE INS 16AWG .315LG BLK
35	4274401	1	TERMINAL MARKERS RELAY
34	4266266	43	BRIDGE FIXED PHOENIX FB10-6
33	4260955	86	FASTON CONNECTOR WITH TANG
32	4232459	28	CABLE #10 AWG 1C EXN DLO 2000V
31	4079832	61 FT	CABLE #14 AWG 1C EXANE DLO 600 VAC
30	4120401	104 FT	CABLE #16 AWG EXANE DLO 600 VAC
29	4228725	1	MARKER DIN TERM BLOCK#251-260
28	4228724	1	MARKER DIN TERM BLOCK#241-250
27	4228723	1	MARKER DIN TERM BLOCK#231-240
26	4228722	1	MARKER DIN TERM BLOCK#221-230
25	4228721	1	MARKER DIN TERM BLOCK#211-220
24	4228720	1	MARKER DIN TERM BLOCK#201-210
23	4228715	1	MARKER DIN TERM BLOCK#151-160
22	4228714	1	MARKER DIN TERM BLOCK#141-150
21	4228713	1	MARKER DIN TERM BLOCK#131-140
20	4228712	1	MARKER DIN TERM BLOCK#121-130
19	4228711	1	MARKER DIN TERM BLK #111-120
18	4228710	1	MARKER DIN TERM BLOCK#101-110
17	4274402	1	CODE SHEET RELAY PANEL LINCS 2
16	0182634	38	WASHER LOCK EXT .195 .41 .03
15	4010283	24	MSCR PH #10 .500 NF
14	4012632	14	MSCR PH #10-32 UNF X 5/8 LG
13	4252936	16	CABLE TIE MOUNT BASE
12	4112578	14	FASTON CONNECTOR #16-14 AWG 250 BLUE
11	4019434	14	WIRE TERM RT 12-10 #10 INS (YEL)
10	4228656	20	PLATE SEPARATING PHOENIX TS-KK3
9	4264180	28	TERM BLK GRAY PHOENIX 27 71 14 6
8	4264181	14	TERM BLK DIODE PHOENIX
7	4247473	12	TERMINAL BLOCK GRAY PHOENIX 27 74 01 7
6	4265756	2	BRACKET END PHOENIX 08 00 88 6
5	4274548	1	RAIL MOUNTING 18.00 LG DIN
4	4260950	20	RELAY 20 A
3	4260949	20	BRACKET MOUNT RELAY SOCKET
2	4119992	7	RELAY 50A 24VDC +/-10 OHMS
1	4265197	1	PANEL RELAY LINCS II

DETAIL
1:1

DETAIL A		ITEM	ART NO.	QTY	DESCRIPTION																		
<p>THIS DRAWING AND ALL DATA THEREIN IS THE PROPERTY OF LETOURNEAU INC. THIS DOCUMENT IS CONFIDENTIAL AND MUST NOT BE COPIED. IT IS LOANED SUBJECT TO RETURN UPON DEMAND AND IS NOT TO BE USED IN ANY WAY DANGEROUS TO OUR INTEREST.</p> <p>INTERPRET DIM & TOL PER LETOURNEAU SPEC 1660.00.</p>		<p>UNLESS OTHERWISE SPECIFIED:</p> <ul style="list-style-type: none"> • DIMENSIONS ARE IN INCHES & APPLY BEFORE PLATING OR FINISH COATINGS. • TOLERANCES ON: ANGLES $\pm 1^\circ$ FRACTIONS $\pm 1/16$.XX DECIMAL $\pm .03$ XXX DECIMAL $\pm .015$ • MACHINED CORNERS $1/4" \times 45^\circ$ • WELD PROPERTIES SHALL MEET THE MINIMUM REQUIREMENTS OF THE BASE MATERIAL. <p>FIRST USED ON/CONTRACT NO 427-4479</p> <table border="1"> <tr> <td>DWN</td> <td>Iwilliams</td> <td>DATE</td> </tr> <tr> <td>CHK</td> <td>BAS</td> <td>12-08-11</td> </tr> <tr> <td>ENGR</td> <td>BS</td> <td>12-08-11</td> </tr> <tr> <td colspan="2">PROD ENGR</td> <td></td> </tr> </table> <p>ASSY PANEL LINCS 2 RELAY</p> <p>THIRD ANGLE PROJECTION</p> <table border="1"> <tr> <td>PROJ APPROVAL</td> <td colspan="2"></td> </tr> <tr> <td>MATL</td> <td colspan="2"></td> </tr> </table> <p>SIZE D SCE DWG NO. 4274400 REV 02</p> <p>SCALE 1:4 EST WT 22.9 lbm SHEET 1 OF 2</p> 				DWN	Iwilliams	DATE	CHK	BAS	12-08-11	ENGR	BS	12-08-11	PROD ENGR			PROJ APPROVAL			MATL		
DWN	Iwilliams	DATE																					
CHK	BAS	12-08-11																					
ENGR	BS	12-08-11																					
PROD ENGR																							
PROJ APPROVAL																							
MATL																							

ASSY PANEL LINCS 2 RELAY

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RELAY PANEL ASSEMBLY, LINCS II

RELAY PANEL ASSEMBLY, LINCS II

8 | 7 | 6 | 5 | **4** | 3 | 2 | 1

REVISIONS						
ZONE	REV	DESCRIPTION	ECN	DATE	CHG	SPR
	00	RELEASE	NL11-1843	12-06-11	LW	BAS BS
	01	UPDATED TERM STRIP 3 LAYOUT & WIRE CHART	NL12-2466	12-06-12	LW	BAS BS
B8	02	SWAPPED PLCS WITH MBR2-09 & 01 AT TERM STRIP 3	NL13-1261	2-5-13	JFM	BS BS

LEGEND

05:a

TERMINAL BLOCK #

s & 10's: SINGLE LEVEL TERMINAL
00's: LEVEL 1 TERMINAL
00's: LEVEL 2 TERMINAL

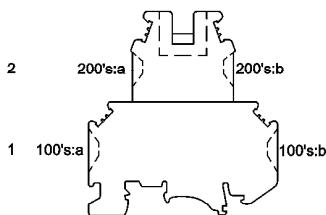
CONNECTION SIDE

INC: NO CONNECTION

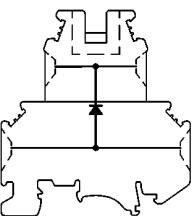
T: TERMINAL BRIDGE

—: SEPERATING PLATE

— : SPACER COVER



TERMINAL BLOCK LAYOUT



426-4181 (DIODE)

NOTE:
SEE TERMINAL BLOCK
TORQUE SPECIFICATIONS CHART
PRIOR TO INSTALLING WIRES
IN THE TERMINAL BLOCKS.

ASSY PANEL LINC'S 2 RELAY		SIZE	SC E	DWG NO.	4274400	REV
DRAWN	Iwlliams	D				02
ISSUED	12-06-11	SCALE	BST WT	22.9 lbfm	SHEET	2 OF 2

411-9992 (50A)

426-0950 (20A)

TERMINAL STRIP 3 (TS3) LAYOUT				
LEVEL 1		LEVEL 2		
TERMINAL	BLOCK #	WIRE CODE	TERMINAL	
BLOCK #	WIRE CODE		BLOCK #	WIRE CODE
101	D	0BB1	201	0BC
102	D	GND	202	0BC
103	D	GND	203	0BA
104	D	GND	204	3B
105	D	GND	205	0BD
106		GND	206	0BD
107		GND	207	0BD
108		GND	208	0BD
109	D	DO24	209	0BD
110		0BA	210	0BD
111		0BA	211	0B
112		0Y	212	0B
113		SRC1-03	213	0B
114	D	DO2	214	0B
115	D	DO23	215	0B
116			216	D18
117		0C	217	D18
118		0F2A	218	13B
119	D	GND	219	13B
120	D	GND	220	13
121	D	GND	221	LLC1-02
122	D	GND	222	CSP1-07
123	D	GND	223	EST1-02
124		GND	224	EST1-02
125	D	GND	225	EST1-12
126		GND	226	EST1-12
127		0F2	227	0F3
128		0F2	228	0F3
129		0E1A	229	0E1
130		CAB3-10	230	0Z
131		CAB3-01	231	0Z
132			232	0ZA
133		CAB3-11	233	0ZA
134		CAB3-12	234	CAB3-02
135		0KA	235	0K
136		0LA	236	0L
137		0MA	237	0M
138		0NA	238	0N
139		0PA	239	0P
140		0RA	240	0R
141		0SA	241	0S
142		GND	242	D08
143		GND	243	D07
144		GND	244	D05
145		GND	245	D05
146		GND	246	D04
147		GND	247	D04
148		GND	248	DO19
149		GND	249	DO18
150		GND	250	DO17
151		GND	251	DO35
152		MBR2-09	252	01
153			253	
154			254	
155		0F	255	0F4
156		0F	256	0F4
157		0F1	257	0FA
158		0F1	258	0FA
159		0V	259	0VA
160		0T	260	0TA
161		0W	261	0WA
162		0E	262	0EA

WIRE CHART			
GAUGE	WIRE CODE	SOURCE	TARGET
14 AWG	01	CRBL:30	TS3:252:a
14 AWG	MBR2-09	CRBL:87	TS3:152:a
16 AWG	DO35	CRBL:85	TS3:251:a
16 AWG	GND	CRBL:86	TS3:151:a
10 AWG	0F1	CRDP:30	TS3:158:a
10 AWG	0FA	CRDP:87	TS3:257:a
16 AWG	0B	CRDP:85	TS3:215:a
16 AWG	DO23	CRDP:86	TS3:115:a
10 AWG	0F	CRES1:30	TS3:155:a
10 AWG	0F4	CRES1:87	TS3:255:a
16 AWG	EST1-02	CRES1:85	TS3:223:a
16 AWG	GND	CRES1:86	TS3:123:a
10 AWG	0F4	CRES2:30	TS3:256:a
10 AWG	0F1	CRES2:87	TS3:157:a
16 AWG	EST1-12	CRES2:85	TS3:225:a
16 AWG	GND	CRES2:86	TS3:125:a
14 AWG	0F	CRES3:30	TS3:156:a
14 AWG	0F2	CRES3:87	TS3:127:a
14 AWG	0F3	CRES3:87A	TS3:227:a
16 AWG	EST1-02	CRES3:85	TS3:224:a
16 AWG	GND	CRES3:86	TS3:124:a
14 AWG	0F2	CRES4:30	TS3:128:a
14 AWG	0F2A	CRES4:87	TS3:118:a
14 AWG	0F3	CRES4:87A	TS3:228:a
16 AWG	EST1-12	CRES4:85	TS3:226:a
16 AWG	GND	CRES4:86	TS3:126:a
14 AWG	0Z	CRFH:30	TS3:230:a
14 AWG	CAB3-10	CRFH:87	TS3:130:a
14 AWG	0ZA	CRFH:87A	TS3:232:a
16 AWG	DO17	CRFH:85	TS3:250:a
16 AWG	GND	CRFH:86	TS3:150:a
14 AWG	0ZA	CRFL:30	TS3:233:a
14 AWG	CAB3-11	CRFL:87	TS3:133:a
14 AWG	CAB3-12	CRFL:87A	TS3:134:a
16 AWG	DO18	CRFL:85	TS3:249:a
16 AWG	GND	CRFL:86	TS3:149:a
14 AWG	0E1	CRHD:30	TS3:229:a
14 AWG	0E1A	CRHD:87	TS3:129:a
16 AWG	0BA	CRHD:85	TS3:203:a
16 AWG	GND	CRHD:86	TS3:103:a
10 AWG	0E	CRK1:30	TS3:162:a
10 AWG	0EA	CRK1:87	TS3:262:a
16 AWG	0BD	CRK1:85	TS3:205:a
16 AWG	GND	CRK1:86	TS3:105:a
10 AWG	0V	CRK2:30	TS3:159:a
10 AWG	0VA	CRK2:87	TS3:259:a
16 AWG	0BD	CRK2:85	TS3:206:a
16 AWG	GND	CRK2:86	TS3:106:a
10 AWG	0W	CRK3:30	TS3:161:a
10 AWG	0WA	CRK3:87	TS3:261:a
16 AWG	0BD	CRK3:85	TS3:207:a
16 AWG	GND	CRK3:86	TS3:107:a
14 AWG	0Y	CRK4:87	TS3:112:a
14 AWG	SRC1-03	CRK4:30	TS3:113:a
14 AWG	GND	CRK4:87A	TS3:120:a
16 AWG	0BD	CRK4:85	TS3:209:a
16 AWG	DO24	CRK4:86	TS3:109:a
10 AWG	0T	CRK5:30	TS3:160:a
10 AWG	0TA	CRK5:87	TS3:260:a
16 AWG	0BD	CRK5:85	TS3:208:a

WIRE CHART			
GAUGE	WIRE CODE	SOURCE	TARGET
16 AWG	GND	CRK5:86	TS3:108:a
14 AWG	0B	CRKA:30	TS3:211:a
14 AWG	0BA	CRKA:87	TS3:111:a
16 AWG	0B	CRKA:85	TS3:214:a
16 AWG	DO2	CRKA:86	TS3:114:a
14 AWG	0B	CRKS:30	TS3:212:a
14 AWG	0BB1	CRKS:87	TS3:101:a
16 AWG	3B	CRKS:85	TS3:204:a
16 AWG	GND	CRKS:86	TS3:104:a
14 AWG	0M	CRL1A:30	TS3:237:a
14 AWG	0MA	CRL1A:87	TS3:137:a
16 AWG	DO4	CRL1A:85	TS3:246:a
16 AWG	GND	CRL1A:86	TS3:146:a
14 AWG	0NA	CRL1B:87	TS3:138:a
14 AWG	0N	CRL1B:30	TS3:238:a
16 AWG	DO4	CRL1B:85	TS3:247:a
16 AWG	GND	CRL1B:86	TS3:147:a
14 AWG	0P	CRL2:30	TS3:239:a
14 AWG	0PA	CRL2:87	TS3:139:a
16 AWG	DO5	CRL2:85	TS3:244:a
16 AWG	GND	CRL2:86	TS3:144:a
14 AWG	0R	CRL3:30	TS3:240:a
14 AWG	0RA	CRL3:87	TS3:140:a
16 AWG	DO5	CRL3:85	TS3:245:a
16 AWG	GND	CRL3:86	TS3:145:a
14 AWG	0S	CRL4:30	TS3:241:a
14 AWG	0SA	CRL4:87	TS3:141:a
16 AWG	DO7	CRL4:85	TS3:243:a
16 AWG	GND	CRL4:86	TS3:143:a
14 AWG	0K	CRLL:30	TS3:235:a
14 AWG	0KA	CRLL:87	TS3:135:a
16 AWG	LLC1-02	CRLL:85	TS3:221:a
16 AWG	GND	CRLL:86	TS3:121:a
14 AWG	0L	CRML:30	TS3:236:a
14 AWG	0LA	CRML:87	TS3:136:a
16 AWG	CSP1-07	CRML:85	TS3:222:a
16 AWG	GND	CRML:86	TS3:122:a
14 AWG	0B	CRMP:30	TS3:213:a
14 AWG	0BD	CRMP:87	TS3:210:a
16 AWG	0BC	CRMP:85	TS3:202:a
16 AWG	GND	CRMP:86	TS3:102:a
14 AWG	0C	CRPB:30	TS3:117:a
14 AWG	13	CRPB:87	TS3:220:a
16 AWG	13B	CRPB:85	TS3:219:a
16 AWG	GND	CRPB:86	TS3:119:a
14 AWG	D8	CRPI:30	TS3:216:a
14 AWG	13B	CRPI:87	TS3:218:a
16 AWG	DO8	CRPI:85	TS3:242:a
16 AWG	GND	CRPI:86	TS3:142:a
14 AWG	0Z	CRRL:30	TS3:231:a
14 AWG	CAB3-01	CRRL:87	TS3:131:a
14 AWG	CAB3-02	CRRL:87A	TS3:234:a
16 AWG	DO19	CRRL:85	TS3:248:a
16 AWG	GND	CRRL:86	TS3:148:a
	0BA	TS3:110:a	D3:-
	0BB1	TS3:101:a	D3:+
14 AWG	GND	TS3:108:b	TS3:119:b
14 AWG	GND	TS3:107:b	TS3:126:b
16 AWG	0RA	TS3:111:b	TS3:203:b

RELAY PANEL ASSEMBLY, LINCS II

**L-2350-2242 PARTS MANUAL
RELAY PANEL ASSEMBLY, LINCS II**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4274400			RELAY PANEL ASSEMBLY, LINCS II		5/17/13
1	R4265197	1		• PANEL, RELAY - LINCS II		
2	R4119992	7		• RELAY, 50A 24VDC		
3	R4260949	20		• BRACKET MOUNT SOCKET, RELAY		
4	R4260950	20		• RELAY, 20A		
5	R4274548	1		• RAIL MOUNTING, 18" DIN		
6	R4265756	2		• BRACKET END		
7	R4247473	12		• TERMINAL BLOCK, GRAY		
8	R4264181	14		• TERMINAL BLOCK, DIODE		
9	R4264180	28		• TERMINAL BLOCK, GRAY		
10	R4228656	20		• PLATE, SEPARATING - TS-KK3 DIN		
11	R4019434	14		• TERMINAL, WIRE - 12/10 AWG		
12	R4112578	14		• LUG, SPADE - 1/4", FEMALE		
13	R4252936	16		• MOUNT BASE, CABLE TIE		
14	R4012632	14		• SCREW, #10-32 X 5/8" - P.H.		
15	R4010283	24		• SCREW, #10-32 X 1/2" - P.H.		
16	R0182634	38		• LOCKWASHER, #10 - EXTERNAL, TOOTH		
17	R4274402	1		• CODE SHEET, RELAY PANEL - LINCS II		
18	R4228710	1		• MARKER, DIN - TERMINAL BLOCK, #101-110		
19	R4228711	1		• MARKER, DIN - TERMINAL BLOCK, #111-120		
20	R4228712	1		• MARKER, DIN - TERMINAL BLOCK, #121-130		
21	R4228713	1		• MARKER, DIN - TERMINAL BLOCK, #131-140		
22	R4228714	1		• MARKER, DIN - TERMINAL BLOCK, #141-150		
23	R4228715	1		• MARKER, DIN - TERMINAL BLOCK, #151-160		
24	R4228720	1		• MARKER, DIN - TERMINAL BLOCK, #201-210		
25	R4228721	1		• MARKER, DIN - TERMINAL BLOCK, #211-220		
26	R4228722	1		• MARKER, DIN - TERMINAL BLOCK, #221-230		
27	R4228723	1		• MARKER, DIN - TERMINAL BLOCK, #231-240		
28	R4228724	1		• MARKER, DIN - TERMINAL BLOCK, #241-250		
29	R4228725	1		• MARKER, DIN - TERMINAL BLOCK, #251-260		
30	R4120401	104	FT	• CABLE, #16 AWG - 600V		
31	R4079832	61	FT	• CABLE, #14 AWG- 600V		
32	R4232459	28	FT	• CABLE, #10 AWG 2000V		
33	R4260955	86		• LUG, SPADE - 14-16 AWG, MALE		
34	R4266266	43		• BRIDGE, FIXED		
35	R4274401	1		• TERMINAL MARKERS, RELAY		
36	R4270205	55		• FERRULE, INSULATED - 16AWG .315LG BLACK		
37	R4270206	48		• FERRULE, INSULATED - BLUE		
38	R4270208	14		• FERRULE, 10 AWG - YELLOW		
39	R4274370	1		• LABELS, BRADY		
40	R4274547	1		• END COVER, GRAY		
41	R4274545	8		• TERMINAL BLOCK, GRAY		
42	R4274546	1		• TERMINAL BLOCK, COVER		
43	R4251788	8		• BRIDGE, FIXED		
44	R4135968	1		• DIODE ASSEMBLY, 6A-1000V		
45	R4265748	17		• BRIDGE, INSERTION		
	REF			DRAWING, RELAY PANEL ASSEMBLY, LINCS II (R42744002)		5/17/13

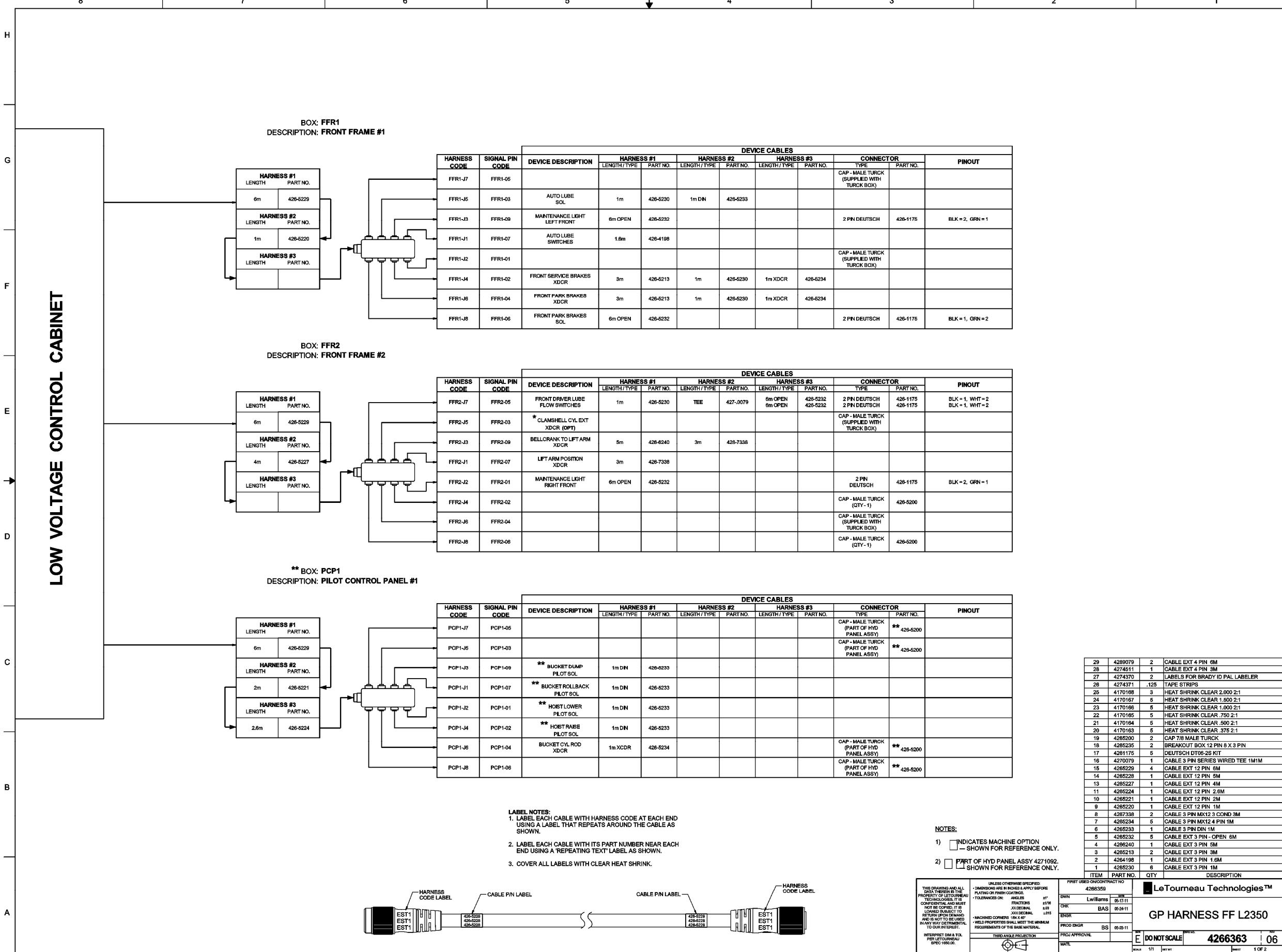
**L-2350-2242 PARTS MANUAL
RELAY PANEL ASSEMBLY, LINCS II**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
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FRONT FRAME HARNESS GROUP

LOW VOLTAGE CUNIKUL CABINE



FRONT FRAME HARNESS GROUP

FRONT FRAME HARNESS GROUP

LOW VOLTAGE CONTROL CABINET

** BOX: PCP2
DESCRIPTION: PILOT CONTROL PANEL #2

HARNESS #1 LENGTH PART NO.		HARNESS #2 LENGTH PART NO.		HARNESS #3 LENGTH PART NO.			
6m	426-5229	5m	426-5228				

HARNESS CODE	SIGNAL PIN CODE	DEVICE DESCRIPTION	HARNESS #1		HARNESS #2		HARNESS #3		CONNECTOR		
			LENGTH/TYPE	PART NO.	LENGTH/TYPE	PART NO.	LENGTH/TYPE	PART NO.	TYPE	PART NO.	PINOUT
PCP2-J7	PCP2-05	HOIST CYL ROD XDCR	1m	426-5230	1m XDCR	426-5234			CAP - MALE TURCK (PART OF HYD PANEL ASSY)	<input type="checkbox"/> 426-5200	
PCP2-J5	PCP2-03	<input type="checkbox"/> CLAMSEHELL CLOSE PILOT SOL (OPT)							CAP - MALE TURCK (PART OF HYD PANEL ASSY)	<input type="checkbox"/> 426-5200	
PCP2-J3	PCP2-09	HOIST CYL BASE XDCR	1m	426-5230	1m XDCR	426-5234					
PCP2-J1	PCP2-07	** GREATEST PILOT CMD XDCR	1m XDCR	426-5234							
PCP2-J2	PCP2-01	<input type="checkbox"/> CLAMSEHELL OPEN PILOT SOL (OPT)							CAP - MALE TURCK (PART OF HYD PANEL ASSY)	<input type="checkbox"/> 426-5200	
PCP2-J4	PCP2-02	** PILOT SUPPLY XDCR	1m XDCR	426-5234							
PCP2-J6	PCP2-04	** DUMP PRESS REDUCING SOL	1m DIN	426-5233							
PCP2-J8	PCP2-06	<input type="checkbox"/> ELDAT SOL	1m DIN	426-5233							

BREAKOUT BOX 12 PIN - 8 X 3 PIN (P/N: 426-5235)

CABLE		DESCRIPTION		HARNESS #1		HARNESS #2		HARNESS #3		CONNECTOR	
		LENGTH/TYPE	PART NO.	LENGTH/TYPE	PART NO.	LENGTH/TYPE	PART NO.	TYPE	PART NO.		
FPL1	FRONT POLE LIGHT	6m	428-9079								
FPL2	FRONT POLE LIGHT	8m	428-9079	3m	427-4511						

TOP VIEW - BREAKOUT BOX

SCHEMATIC - BREAKOUT BOX

NOTES:

- INDICATES MACHINE OPTION
— SHOWN FOR REFERENCE ONLY.
- PART OF HYD PANEL ASSY 4271092
— SHOWN FOR REFERENCE ONLY.

GP HARNESS FF L2859 DO NOT SCALE Dwg No. 4266363 Rev. 06

Printed 05-17-11 1/1 page 1bns 2 OF 2

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FRONT FRAME HARNESS GROUP

**L-2350-2242 PARTS MANUAL
FRONT FRAME HARNESS GROUP**

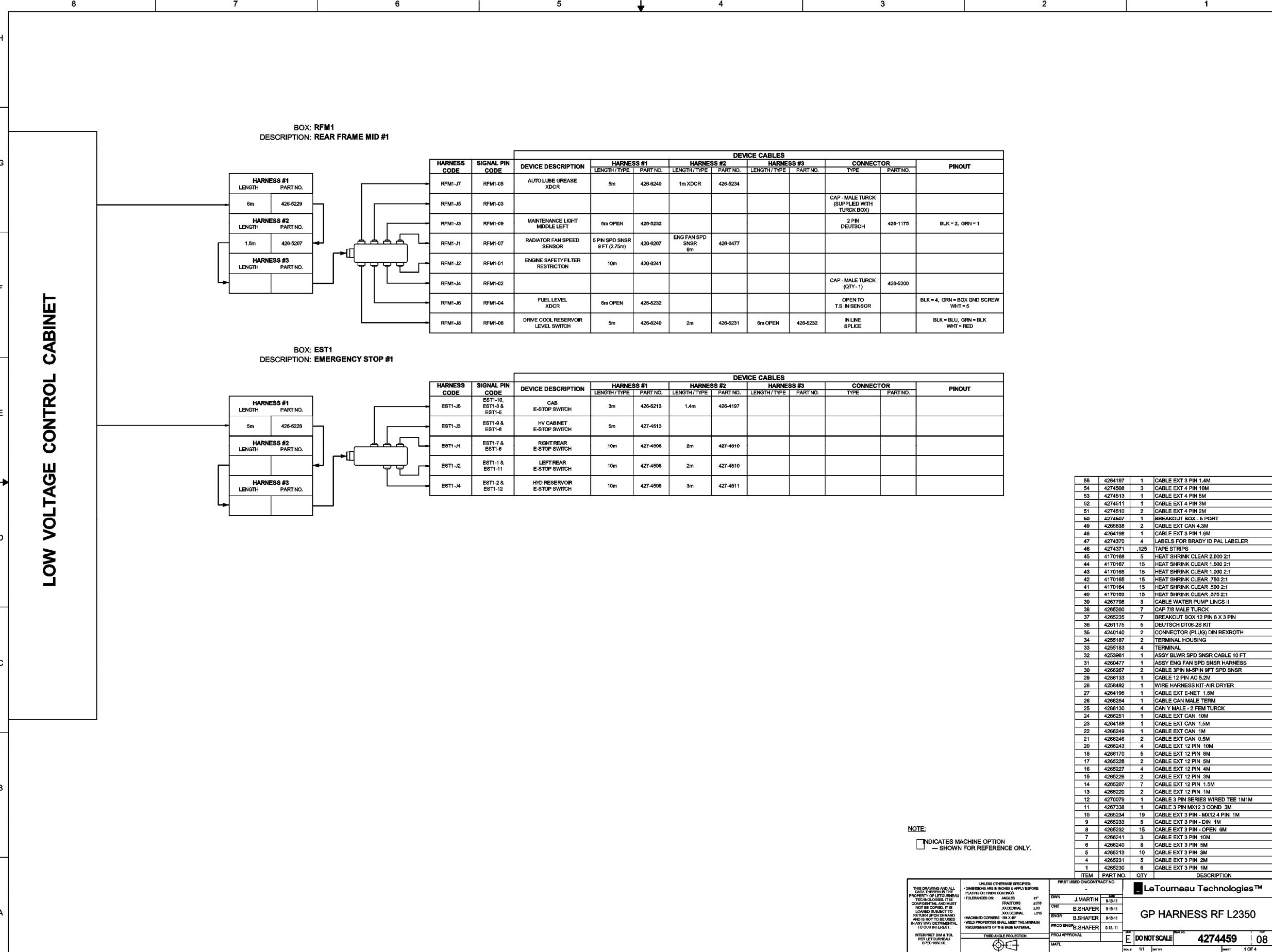
Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4266363			FRONT FRAME HARNESS GROUP		
1	R4265230	6		• CABLE EXTENSION, 3 PIN 1M		
2	R4264198	1		• CABLE EXTENSION, 3 PIN 1.6 MM		
3	R4265213	2		• CABLE EXTENSION, 3 PIN 3M		
4	R4266240	1		• CABLE EXTENSION, 3 PIN 5M		
5	R4265232	5		• CABLE EXTENSION, 3 PIN - OPEN 6 M		
6	R4265233	1		• CABLE EXTENSION, 3 DIN 1M		
7	R4265234	5		• CABLE, 3 PIN - MX12 4 PIN, 1 M		
8	R4267338	2		• CABLE, 3 PIN - M12X1 3 COND 3M		
9	R4265220	1		• CABLE EXTENSION, 12 PIN 1M		
10	R4265221	1		• CABLE EXTENSION, 12 PIN 2M		
11	R4265224	1		• CABLE EXTENSION, 12 PIN 2.6M		
12	N.P.N.			• NOT USED		4/24/17
13	R4265227	1		• CABLE EXTENSION, 12 PIN 4M		
14	R4265228	1		• CABLE EXTENSION, 12 PIN 5M		
15	R4265229	4		• CABLE EXTENSION, 12 PIN 6M		4/24/17
16	R4270079	1		• CABLE, 3 PIN 1M X 1M		
17	R4261175	5		• CONNECTOR KIT, DT06-2S KIT		
18	R4265235	2		• BREAKOUT BOX, 12 PIN - 8 X 3 PIN		
19	R4265200	2		• CAP, TURCK - 7/8" MALE		
20	R4170163	5	FT	• HEAT SHRINK, CLEAR - 3/8"		
21	R4170164	5	FT	• HEAT SHRINK, CLEAR - 1/2"		
22	R4170165	5	FT	• HEAT SHRINK, CLEAR - 3/4"		
23	R4170166	5	FT	• HEAT SHRINK, CLEAR - 1"		
24	R4170167	5	FT	• HEAT SHRINK, CLEAR - 1-1/2"		
25	R4170168	3	FT	• HEAT SHRINK, CLEAR - 2"		
26	R4274371	1		• TAPE STRIPS		
27	R4274370	2		• LABELS		
28	R4274511	1		• CABLE EXTENSION, 4 PIN 3M		6/4/18
29	R4289079	2		• CABLE EXTENSION, 4 PIN 6M		6/4/18
				DRAWING, FRONT FRAME HARNESS GROUP (R426636306)		6/4/18

**L-2350-2242 PARTS MANUAL
FRONT FRAME HARNESS GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
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REAR FRAME HARNESS GROUP



REAR FRAME HARNESS GROUP

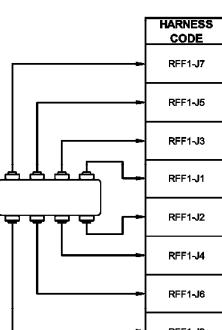
REAR FRAME HARNESS GROUP

LOW VOLTAGE CONTROL CABINET

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BOX: RFF1
DESCRIPTION: REAR FRAME FRONT #

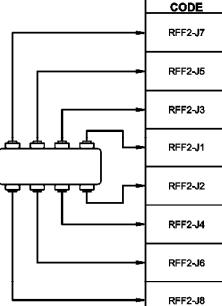
HARNESS #1	
LENGTH	PART NO.
4m	426-5227
HARNESS #2	
LENGTH	PART NO.
HARNESS #3	
LENGTH	PART NO.



DEVICE CABLES											
HARNESS CODE	SIGNAL PIN CODE	DEVICE DESCRIPTION	HARNESS #1		HARNESS #2		HARNESS #3		CONNECTOR		PINOUT
			LENGTH / TYPE	PART NO.	LENGTH / TYPE	PART NO.	LENGTH / TYPE	PART NO.	TYPE	PART NO.	
RFF1-J7	RFF1-05	HYD RESERVOIR LEVEL SWITCH	6m OPEN	426-6232					INLINE SPLICER		BLK = BLU, GRN = BLK, WHT = RED
RFF1-J6	RFF1-08	HYD RESERVOIR OIL TEMP XDCR	2m	426-6231	1m XDCR	426-6234					
RFF1-J3	RFF1-09								CAP - MALE TURCK (SUPPLIED WITH TURCK BOX)		
RFF1-J1	RFF1-07	KLENZ RESERVOIR AIR XDCR	3m	426-6213	1m XDCR	426-6234					
RFF1-J2	RFF1-01	HYD TANK DUMP SOL	6m	426-6240							
RFF1-J4	RFF1-02								CAP - MALE TURCK (QTY-1)	426-5200	
RFF1-J6	RFF1-04	STEER POSITION XDCR	3m	426-7338							
RFF1-J8	RFF1-06	AUX FAN ENABLE SOL (OPT)	6m	426-6240	1m	426-6230	1m DIN	426-5233	CAP - MALE TURCK (SUPPLIED WITH TURCK BOX)		

BOX: RFF2
DESCRIPTION: REAR FRAME FRONT #

HARNESS #1	
LENGTH	PART NO.
6m	426-5229
HARNESS #2	
LENGTH	PART NO.
HARNESS #3	
LENGTH	PART NO.

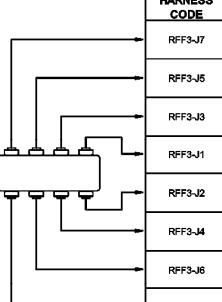


DEVICE CABLES											
Harness Code	Signal Pin Code	Device Description	Harness #1		Harness #2		Harness #3		Connector		Pinout
			Length/Type	Part No.	Length/Type	Part No.	Length/Type	Part No.	Type	Part No.	
RFF2-J7	RFF2-05	AUX STEER ENABLE (OPT)	3m	426-5213					CAP - MALE TURCK (SUPPLIED WITH TURCK BOX)		
RFF2-J6	RFF2-03	AUX STEER SUPPLY PRESS SWITCH (OPT)	3m	426-5213					CAP - MALE TURCK (SUPPLIED WITH TURCK BOX)		
RFF2-J3	RFF2-09								CAP - MALE TURCK (QTY- 1)	426-5200	
RFF2-J1	24V ONLY	AIR DRYER HEATER	6m OPEN	426-5232					WIRE HARNESS AIR DRYER	425-8492	WHT = 1, GRN = 2
RFF2-J2	RFF2-01	RADIATOR FAN CONTROL SOL.	5m	426-6240	1m DIN	426-5233					
RFF2-J4	RFF2-02	Maintenance Light MIDDLE RIGHT	8m OPEN	426-5232					2 PIN DEUTSCH	426-1175	BLK = 2, GRN = 1
RFF2-J6	RFF2-04	STEER LEFT OUTPUT	3m	426-5213							
RFF2-J8	RFF2-06	STEER RIGHT OUTPUT	3m	426-5213							

STEERING INTERFACE	STR1	STR1-02	STEER VALVE	6m OPEN	426-5232				DIN	424-0140	BLK = 2, WHT = 1 GRN = GDM
	STR2	STR2-02	AUX STEER SWL (OPT)	6m OPEN	426-5232				DIN	424-0140	BLK = 1 GRN = ?

BOX: RFF3
DESCRIPTION: REAR FRAME FRONT #

HARNESS #1	
LENGTH	PART NO.
6m	426-5229
HARNESS #2	
LENGTH	PART NO.
1m	426-5220
HARNESS #3	
LENGTH	PART NO.



HARNESS CODE	SIGNAL PIN CODE	DEVICE DESCRIPTION	DEVICE CABLES						PINOUT	
			HARNESS #1		HARNESS #2		HARNESS #3		CONNECTOR	
LENGTH / TYPE	PART NO.	LENGTH / TYPE	PART NO.	LENGTH / TYPE	PART NO.	TYPE	PART NO.			
RFF3-J7	RFF3-05	FAST HOIST PUMP XDCR	1m XDCR	426-5234						
RFF3-J5	RFF3-03	HOIST/BUCKET PUMP A XDCR	1m XDCR	426-5234						
RFF3-J3	RFF3-09	HOIST/BUCKET PUMP B XDCR	1m XDCR	426-5234						
RFF3-J1	RFF3-07	HOIST/BUCKET PUMP C XDCR	1m XDCR	426-5234						
RFF3-J2	RFF3-01	ACCESSORY PUMP XDCR	1m XDCR	426-5234						
RFF3-J4	RFF3-02	STEER PUMP A XDCR	1m XDCR	426-5234						
RFF3-J6	RFF3-04	STEER PUMP B XDCR	1m XDCR	426-5234						
RFF3-J8	RFF3-06	HYD OIL COOLER BYPASS	2m	426-5231	1m DN	426-5233				

NOTE

INDICATES MACHINE OPTION
— SHOWN FOR REFERENCE ONLY.

GP HARNESS RF L2350		SDC	DO NOT SCALE	DWG NO.	4274459	REV
DRW/H	J.MARTIN					
0-15-11						
		1/1				2-054

REAR FRAME HARNESS GROUP

REAR FRAME HARNESS GROUP

LOW VOLTAGE CONTROL CABINET

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BOX: RFF4
DESCRIPTION: REAR FRAME FRONT #4

Harness #1		
Length	Part No.	
4m	426-5227	
Harness #2		
Length	Part No.	
Harness #3		
Length	Part No.	

HARNESS CODE	SIGNAL PIN CODE	DEVICE DESCRIPTION	DEVICE CABLES						PINOUT
			HARNESS #1		HARNESS #2		HARNESS #3		
			LENGTH/TYPE	PART NO.	LENGTH/TYPE	PART NO.	LENGTH/TYPE	PART NO.	CONNECTOR TYPE PART NO.
RFF4-J7	RFF4-05	BLOWER SPEED SENSOR	5 PN SPD.SNSR 9 FT (2.75m)	426-6267	BLOWER SPEED SENSOR	425-3961			
RFF4-J5	RFF4-03	BLOWER PUMP PRESS XDCR	1m XDCR	426-5234					
RFF4-J9	RFF4-09	RADIATOR FAN PUMP PRESS XDCR	1m XDCR	426-5234					
RFF4-J1	RFF4-07	SYSTEM AIR PRESS XDCR	1m XDCR	426-5234					
RFF4-J2	RFF4-01	HPD GEARBOX TEMP XDCR	2m	426-5231	1m XDCR	426-5234			
RFF4-J4	RFF4-02	HPD GEARBOX PRESS XDCR	1m XDCR	426-5234					
RFF4-J6	RFF4-04	HYD RESERVOIR AIR PRESS XDCR	1m XDCR	426-5234					
RFF4-J8	RFF4-06								CAP - MALE TURCK (SUPPLIED WITH TURCK BOX)

BOX: RFF5
DESCRIPTION: REAR FRAME FRONT #5

Harness #1	
Length	Part No.
3m	426-5226
Harness #2	
Length	Part No.
Harness #3	
Length	Part No.

Harness Code	Signal Pin Code	Device Description	Device Cables								Pinout
			Harness #1		Harness #2		Harness #3		Connector		
Length/Type	Part No.	Length/Type	Part No.	Length/Type	Part No.	Type	Part No.				
RFF5-J7	RFF5-05	BLOWER SPEED CONTROL SOL	5m	426-6240	1m	426-5230	1m DIN	426-5233			
RFF5-J5	RFF5-03								CAP - MALE TURCK (SUPPLIED WITH TURCK BOX)		
RFF5-J3	RFF5-09	REAR WASHER PUMP	6m OPEN	426-5232					TERMINALS (QTY - 2) HOUSING (QTY - 1)	425-5183 425-5187	BLK, GRN
RFF5-J1	RFF5-07	FRONT WASHER PUMP	6m OPEN	426-5232					TERMINALS (QTY - 2) HOUSING (QTY - 1)	425-5183 425-5187	BLK, GRN
RFF5-J2	RFF5-01	AMBIENT AIR TEMPERATURE XDCR	3m	426-5213	1m	426-5230	1m XDCR	426-5234			
RFF5-J4	RFF5-02								CAP - MALE TURCK (SUPPLIED WITH TURCK BOX)		
RFF5-J6	RFF5-04								CAP - MALE TURCK (QTY - 1)	426-5200	
RFF5-J8	RFF5-06	FIRE SYSTEM STATUS	6m OPEN	426-5232							WHT = 1, BLK = 3

BOX: RAX1
DESCRIPTION: REAR AXLE #

Harness #1		
Length	Part No.	
10m	426-5243	
Harness #2		
Length	Part No.	
Harness #3		
Length	Part No.	

HARNESS CODE	SIGNAL PIN CODE	DEVICE DESCRIPTION	DEVICE CABLES							
			HARNESS #1		HARNESS #2		HARNESS #3		CONNECTOR	
LENGTH / TYPE	PART NO.	LENGTH / TYPE	PART NO.	LENGTH / TYPE	PART NO.	TYPE	PART NO.	TYPE	PART NO.	PINOUT
RAX1-J7	RAX1-05	REAR SERVICE BRAKES XDCR	1m XDCR	426-5234						
RAX1-J5	RAX1-03	REAR PARK BRAKES XDCR	1m XDCR	426-5234						
RAX1-J3	RAX1-09	REAR PARK BRAKES SOL	6m OPEN	426-5232					2 PIN DEUTSCH	426-1175 BLK = 1, GRN = 2
RAX1-J1	RAX1-07	REAR DRIVER LUBE FLOW SWITCHES	2m	426-5231	5m TEE	426-6240 427-0079	6m OPEN 6m OPEN	426-5232 426-5232	2 PIN DEUTSCH 2 PIN DEUTSCH	426-1175 426-1175 BLK = 1, WHT = 2 BLK = 1, WHT = 2
RAX1-J2	RAX1-01								CAP - MALE TURCK (SUPPLIED WITH TURCK BOX)	
RAX1-J4	RAX1-02								CAP - MALE TURCK (QTY - 1)	426-5200
RAX1-J6	RAX1-04								CAP - MALE TURCK (QTY - 1)	426-5200
RAX1-J8	RAX1-06								CAP - MALE TURCK (QTY - 1)	426-5200

NOTE

INDICATES MACHINE OPTION
— SHOWN FOR REFERENCE ONLY.

GP HARNESS RF L2350	SCALE E	DO NOT SCALE	DWG NO. 4274459	REV/ 08
DRWNSH J. MARTIN				

REAR FRAME HARNESS GROUP

REAR FRAME HARNESS GROUP

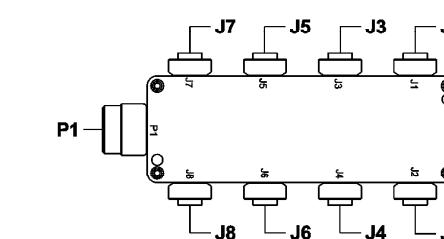
LOW VOLTAGE CONTROL CABINET

		HARNESS #1		HARNESS #2		HARNESS #3		CONNECTOR	
CABLE	DESCRIPTION	LENGTH / TYPE	PART NO.	LENGTH / TYPE	PART NO.	LENGTH / TYPE	PART NO.	TYPE	PART NO.
KLZ1	KLENZ BOX	4m	426-5227	1.5m	426-5207				
MBR1	MIRROR BAR	6m	428-6170						
MBR2	MIRROR BAR	6m	428-6170						
DCP1	DRIVE COOLING PUMP	10m	426-6241	3m	426-5213	1m	426-5230		
EIC1	ENGINE INTERFACE CABINET	10m	426-6243	5m	426-5228				
EIC3	ENGINE INTERFACE CABINET	10m	426-6251	CAN Y MALE - 2 FEM 0.5m 0.4m / WATER PUMP 426-6246 426-7798	428-6130 0.5m 0.4m / WATER PUMP 426-6246 426-7798	4.3m 4.3m	426-5838 426-5838		
(EIC3 CONT.)		0.5m	426-6246	CAN Y MALE - 2 FEM 0.5m 0.4m / WATER PUMP 426-6246 426-7798	428-6246 0.5m 0.4m / WATER PUMP 426-6246 426-7798	CAN Y MALE - 2 FEM 0.5m 0.4m / WATER PUMP 428-6130 0.5m 0.4m / WATER PUMP 426-6246 426-7798	TERMINATOR	426-6254	
CSP1	CONTROL SWITCH PANEL	10m	426-6243	3m	426-5226				
RCL1	REAR COWL	10m	426-6243	4m	426-5227	1.5m	426-5207		
RCL2	REAR COWL	10m	426-6241	5m	426-6240	1m	426-5230		
SRC1	SR CABINET	1m	426-5220	HARNESS PROVIDED AS PART OF SR CABINET ASSY					
SRC2	SR CABINET	1m	426-6249	HARNESS PROVIDED AS PART OF SR CABINET ASSY					
LLC1	LADDER LIGHT CONTROL	3m	426-5213	3m	426-5213	1m	426-5230		
CAB1	CAB	1.5m	426-5207						
CAB2	CAB	1.5m	426-5207						
CAB3	CAB	1.5m	426-5207						
CAB4	CAB	1.5m	426-5207						
CAB5	CAB	1.5m	426-4188						
CAB6	CAB	1.5m	426-4195						
CAB9	CAB TO AC CONDENSOR	5.2m	428-6133						
CAB10	CAB TO AC CLUTCH	1.6m	426-4198	1m DN	426-5233				

CABLE	DESCRIPTION	LENGTH/TYPE	PART NO.	PINOUT
CSP2	LADDER LIMIT SWITCH	6m OPEN	420-5232	GRN = NO CONNECTION WHT & BLK = CONNECT TOGETHER AT ONE SIDE OF THE LIMIT SWITCH TERMINAL

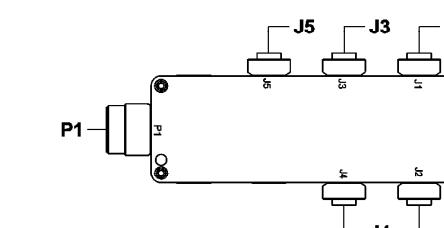
**ISOLATION
BOX**

BREAKOUT BOX 12 PIN - 8 X 3 PIN
(P/N: 426-5235)
(ALL BOXES EXCEPT EST1)

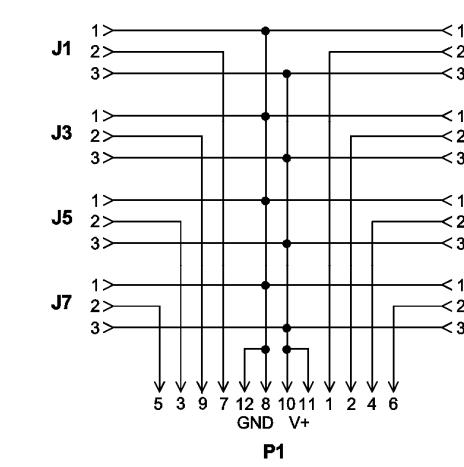


TOP VIEW - BREAKOUT B

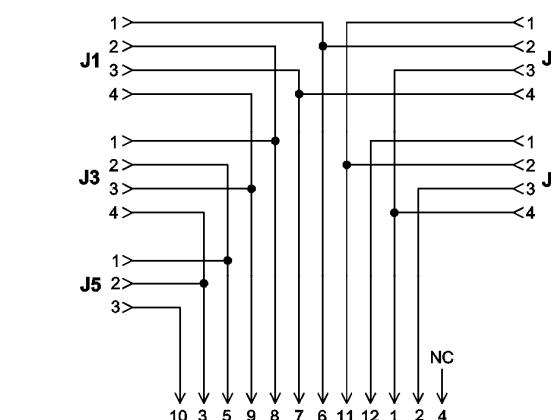
BREAKOUT BOX - 5 PORT
(P/N: 427-4507)
(EST1 BOX ONLY)



TOP VIEW - BREAKOUT BO



SCHEMATIC - BREAKOUT BO



SCHEMATIC - BREAKOUT BOX

NOTE: INDICATES MACHINE OPTION
— SHOWN FOR REFERENCE ONLY

GP HARNESS RF L2350		REV E	DO NOT SCALE	DWG NO. 4274459	REV 08
DPWH	J.MARTIN	SCALE	1/1	INCHES -	INCHES 4 OF 4
ISSUED	9-13-11				

REAR FRAME HARNESS GROUP

**L-2350-2242 PARTS MANUAL
REAR FRAME HARNESS GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4274459			REAR FRAME HARNESS GROUP		5/30/18
1	R4265230	6		• CABLE EXTENSION, 3 PIN 1M		10/27/17
2	N.P.N.			• NOT USED		
3	N.P.N.			• NOT USED		
4	R4265231	5		• CABLE EXTENSION, 3 PIN 2M		10/27/17
5	R4265213	10		• CABLE EXTENSION, 3 PIN 3M		8/16/17
6	R4266240	8		• CABLE EXTENSION, 3 PIN 5M		10/27/17
7	R4266241	3		• CABLE EXTENSION, 3 PIN 10M		10/27/17
8	R4265232	15		• CABLE EXTENSION, 3 PIN - OPEN 6 M		
9	R4265233	5		• CABLE EXTENSION, 3 DIN 1M		
10	R4265234	19		• CABLE, 3 PIN - MX12 4 PIN, 1 M		
11	R4267338	1		• CABLE, 3 PIN - M12X1 3 COND 3M		
12	R4270079	1		• CABLE, 3 PIN 1M X 1M		
13	R4265220	2		• CABLE EXTENSION, 12 PIN 1M		
14	R4265207	7		• CABLE EXTENSION, 12 PIN 1.5M		10/27/17
15	R4265226	2		• CABLE EXTENSION, 12 PIN 3M		
16	R4265227	4		• CABLE EXTENSION, 12 PIN 4M		
17	R4265228	2		• CABLE EXTENSION, 12 PIN 5M		
18	R4286170	5		• CABLE EXTENSION, 12 PIN 6M		10/27/17
19	N.P.N.			• NOT USED		10/27/17
20	R4266243	4		• CABLE EXTENSION, 12 PIN 10M		
21	R4266246	2		• CABLE EXTENSION, CAN .5M		
22	R4266249	1		• CABLE EXTENSION, CAN 1M		
23	R4264188	1		• CABLE EXTENSION, CAN 1.5M		
24	R4266251	1		• CABLE EXTENSION, CAN 10M		
25	R4286130	4		• CABLE Y, CAN - 1 MALE-2 FEMALE		4/24/17
26	R4266254	1		• CABLE, CAN - MALE		
27	R4264195	1		• CABLE EXTENSION, E-NET 1.5M		
28	R4258492	1		• HARNESS KIT, AIR DRYER		
29	R4286133	1		• CABLE, 12 PIN AC 5.2M		5/30/18
30	R4266267	2		• CABLE, 3PIN - M-5PIN 9FT SPEED SENSOR		
31	R4260477	1		• HARNESS ASSEMBLY, ENGINE FAN SPEED SENSOR - TURCK		5/30/18
32	R4253961	1		• CABLE ASSEMBLY, BLOWER SPEED SENSOR - 10'		
33	R4255183	4		• TERMINAL		
34	R4255187	2		• TERMINAL HOUSING		
35	R4240140	2		• CONNECTOR PLUG, DIN REXROTH		
36	R4261175	5		• CONNECTOR KIT, DT06-2S KIT		
37	R4265235	7		• BREAKOUT BOX, 12 PIN - 8 X 3 PIN		
38	R4265200	7		• CAP, TURCK - 7/8" MALE		
39	R4267798	3		• CABLE, WATER PUMP - LINCS II		
40	R4170163	15	FT	• HEAT SHRINK, CLEAR - 3/8"		
41	R4170164	15	FT	• HEAT SHRINK, CLEAR - 1/2"		
42	R4170165	15	FT	• HEAT SHRINK, CLEAR - 3/4"		
43	R4170166	15	FT	• HEAT SHRINK, CLEAR - 1"		
44	R4170167	15	FT	• HEAT SHRINK, CLEAR - 1-1/2"		
45	R4170168	5	FT	• HEAT SHRINK, CLEAR - 2"		
46	R4274371	1		• TAPE STRIPS		
47	R4274370	4		• LABELS		
48	R4264198	1		• CABLE EXTENSION, 3 PIN 1.6M		
49	R4265838	2		• CABLE EXTENSION, CAN 4.3M		
50	R4274507	1		• BREAKOUT BOX, 5 PORT		
51	R4274510	2		• CABLE EXTENSION, 4 PIN 2M		
52	R4274511	1		• CABLE EXTENSION, 4 PIN 3M		
53	R4274513	1		• CABLE EXTENSION, 4 PIN 5M		
54	R4274508	3		• CABLE EXTENSION, 4 PIN 10M		
55	R4264197	1		• CABLE EXTENSION, 3 PIN 1.4M		10/27/17

**L-2350-2242 PARTS MANUAL
REAR FRAME HARNESS GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
		REF		DRAWING, REAR FRAME HARNESS GROUP (R427445908)		10/27/17

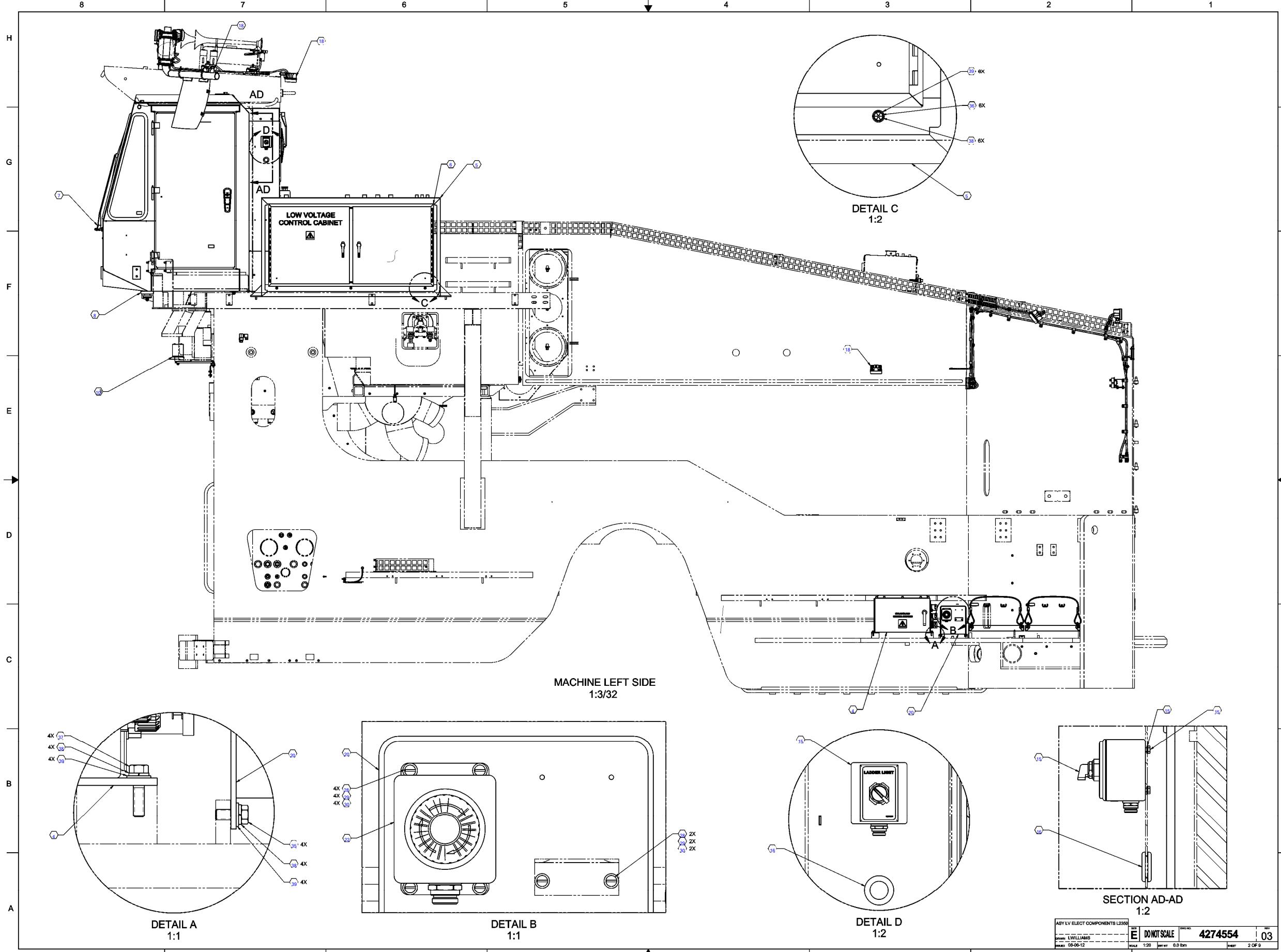
LOW VOLTAGE ELECTRICAL COMPONENT

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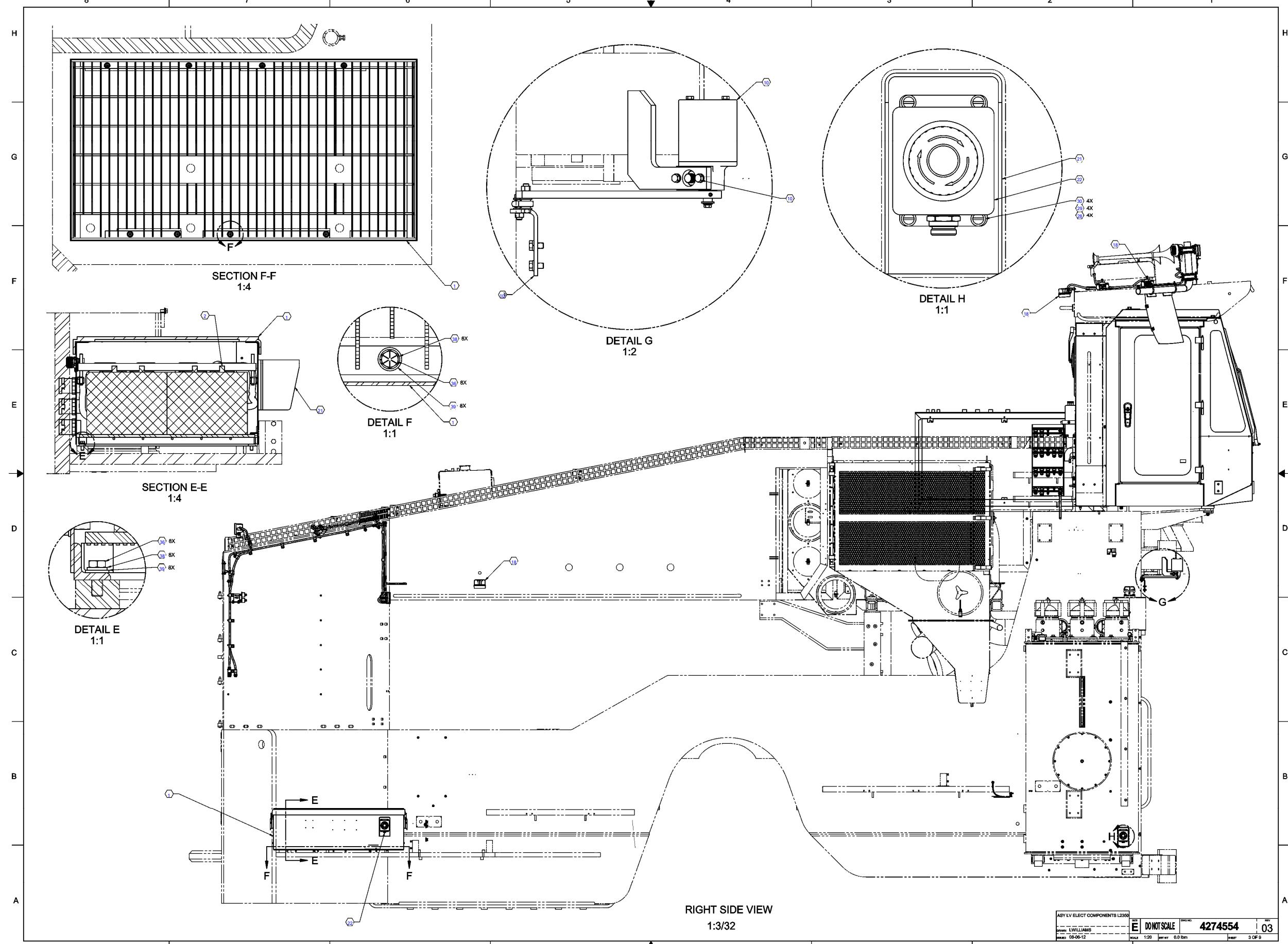
LOW VOLTAGE ELECTRICAL COMPONENTS

LOW VOLTAGE ELECTRICAL COMPONENTS



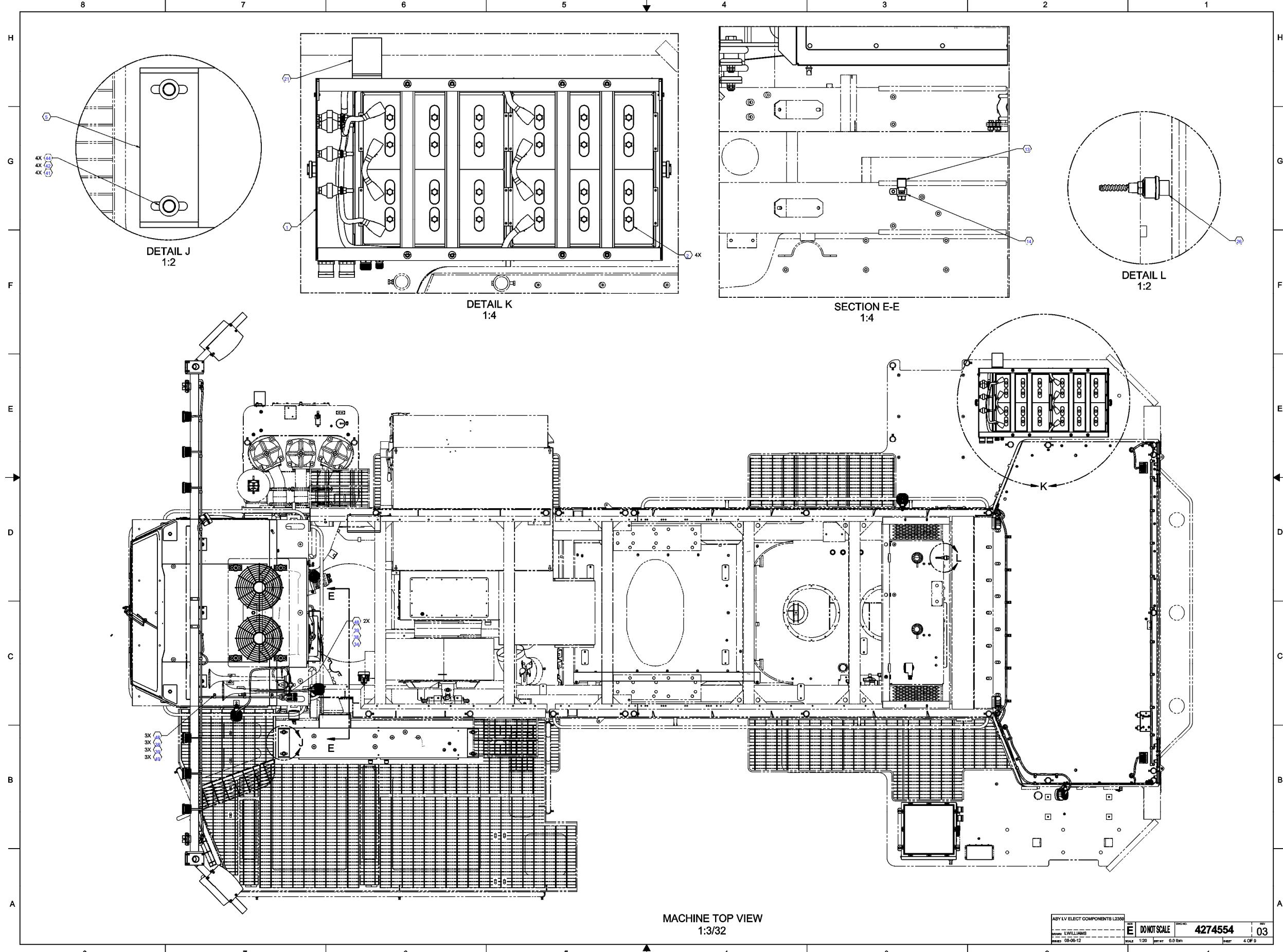
LOW VOLTAGE ELECTRICAL COMPONENTS

LOW VOLTAGE ELECTRICAL COMPONENTS



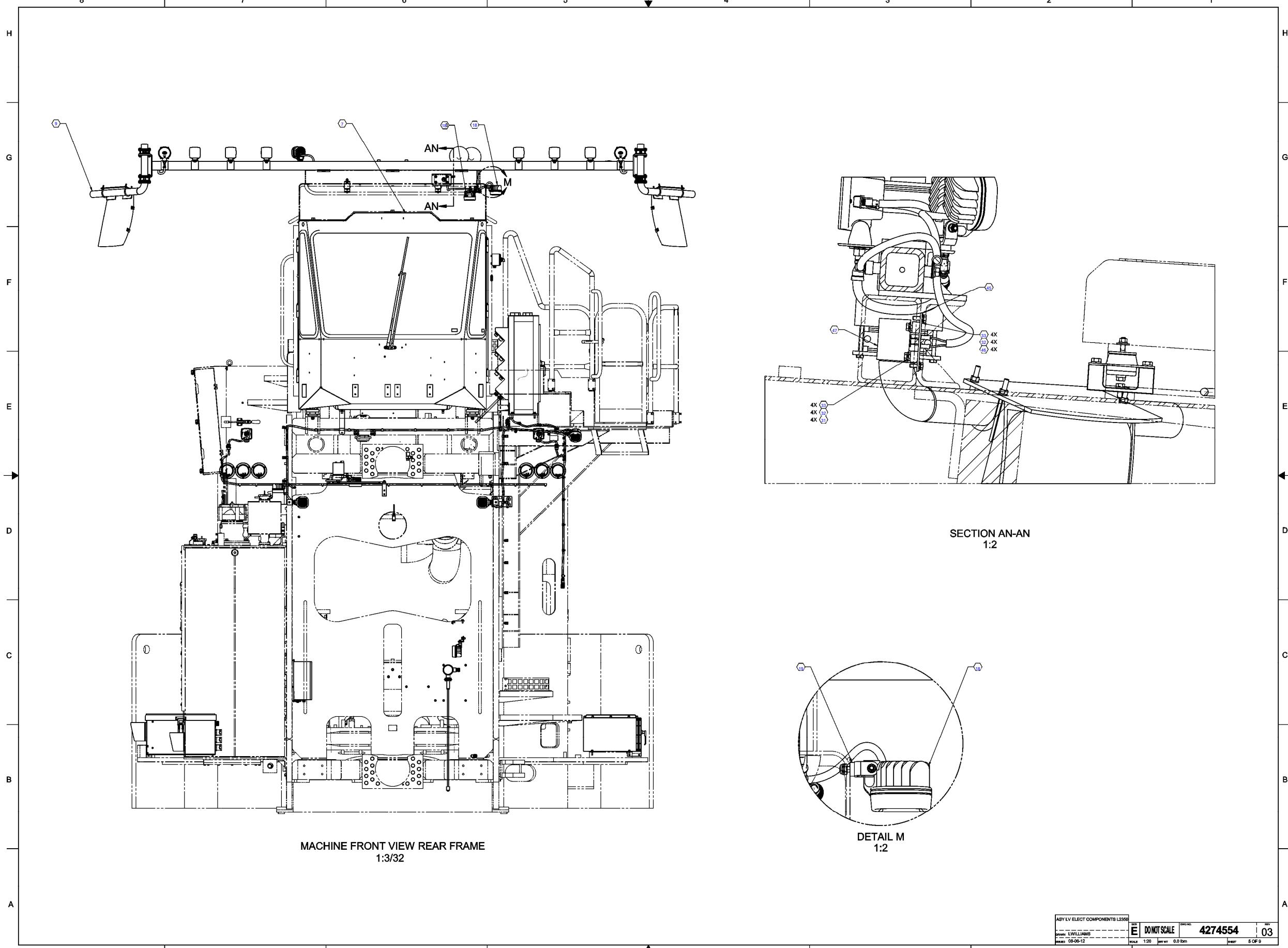
LOW VOLTAGE ELECTRICAL COMPONENTS

LOW VOLTAGE ELECTRICAL COMPONENTS



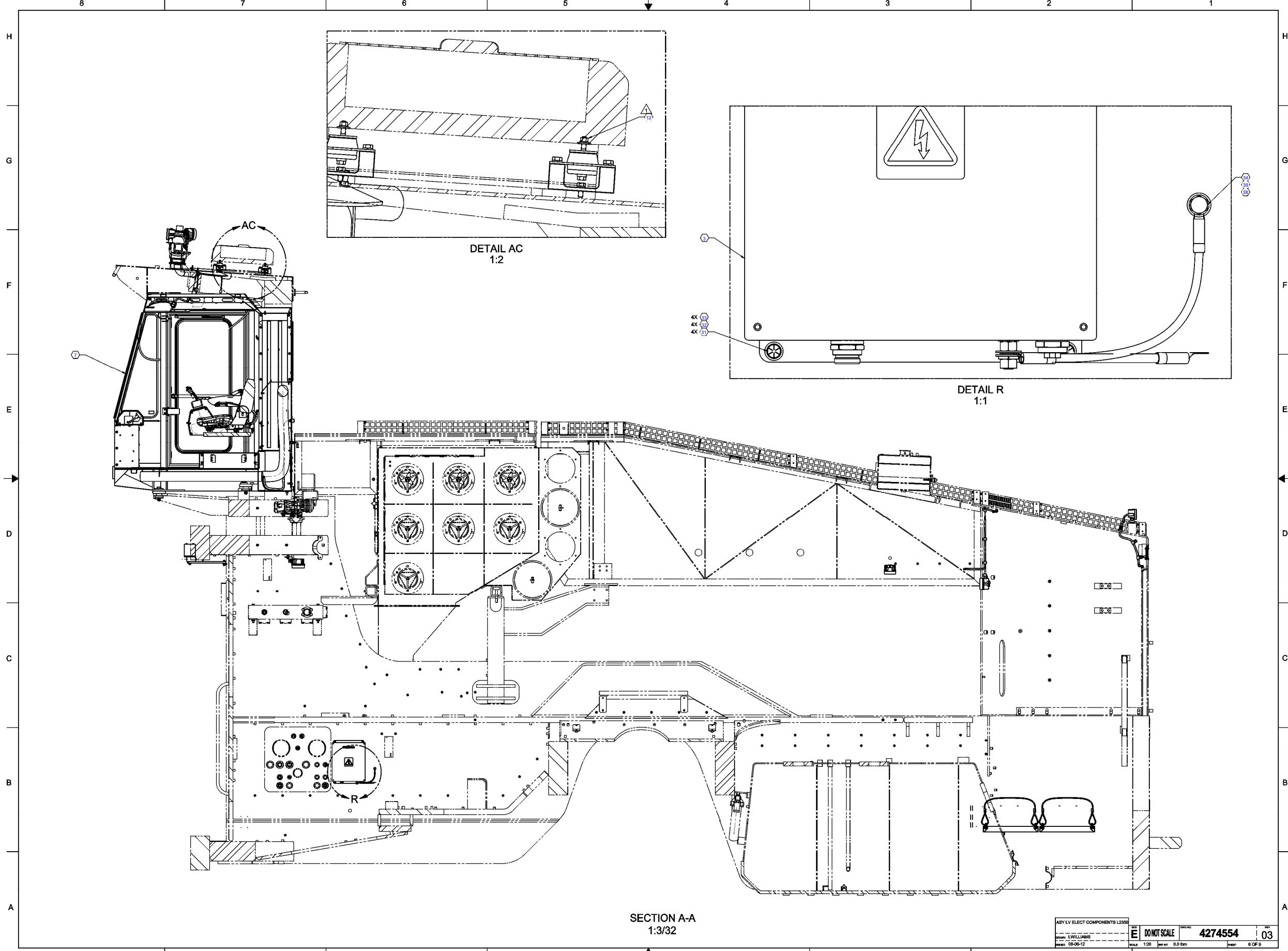
LOW VOLTAGE ELECTRICAL COMPONENTS

LOW VOLTAGE ELECTRICAL COMPONENTS



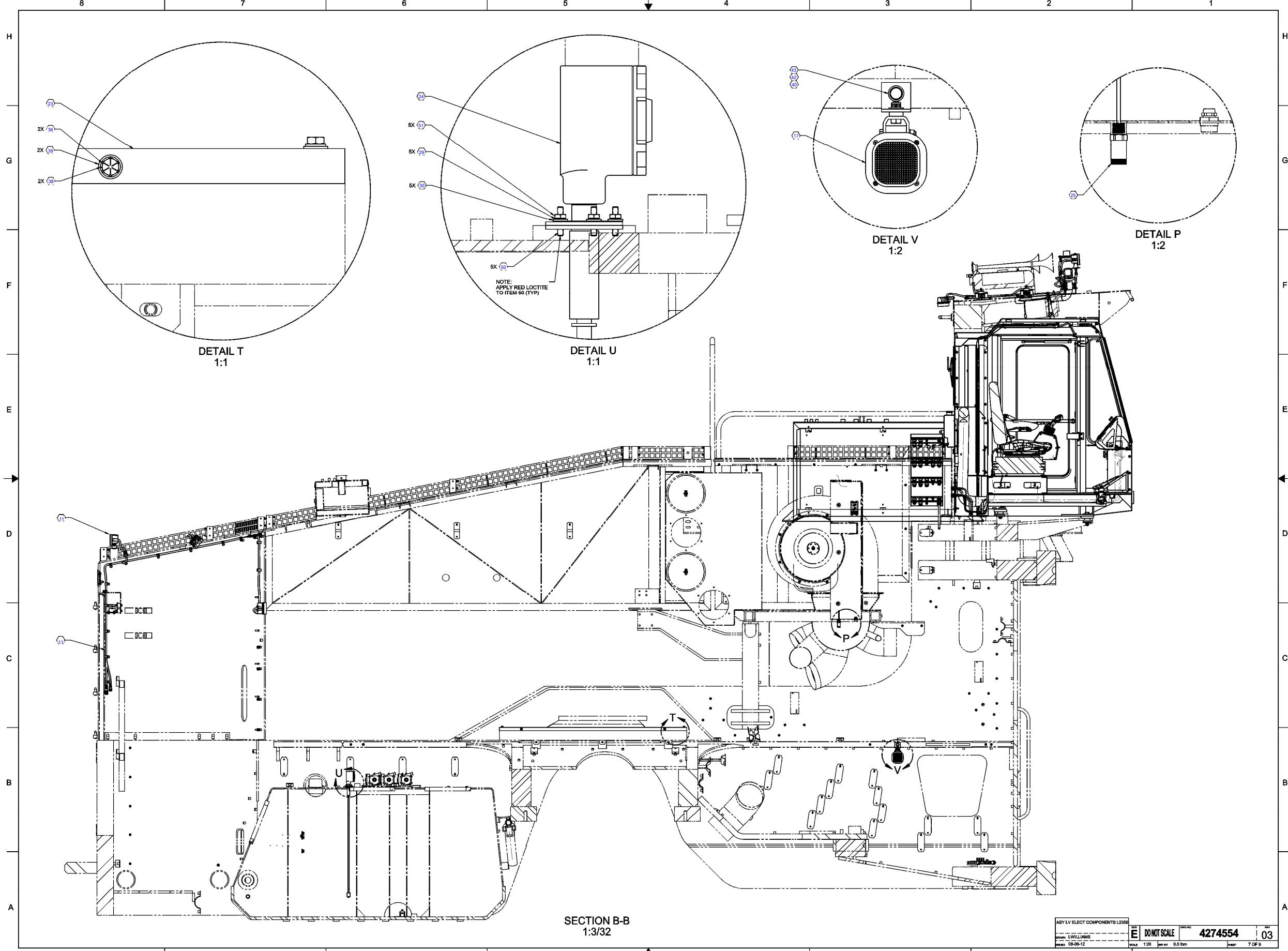
LOW VOLTAGE ELECTRICAL COMPONENTS

LOW VOLTAGE ELECTRICAL COMPONENTS



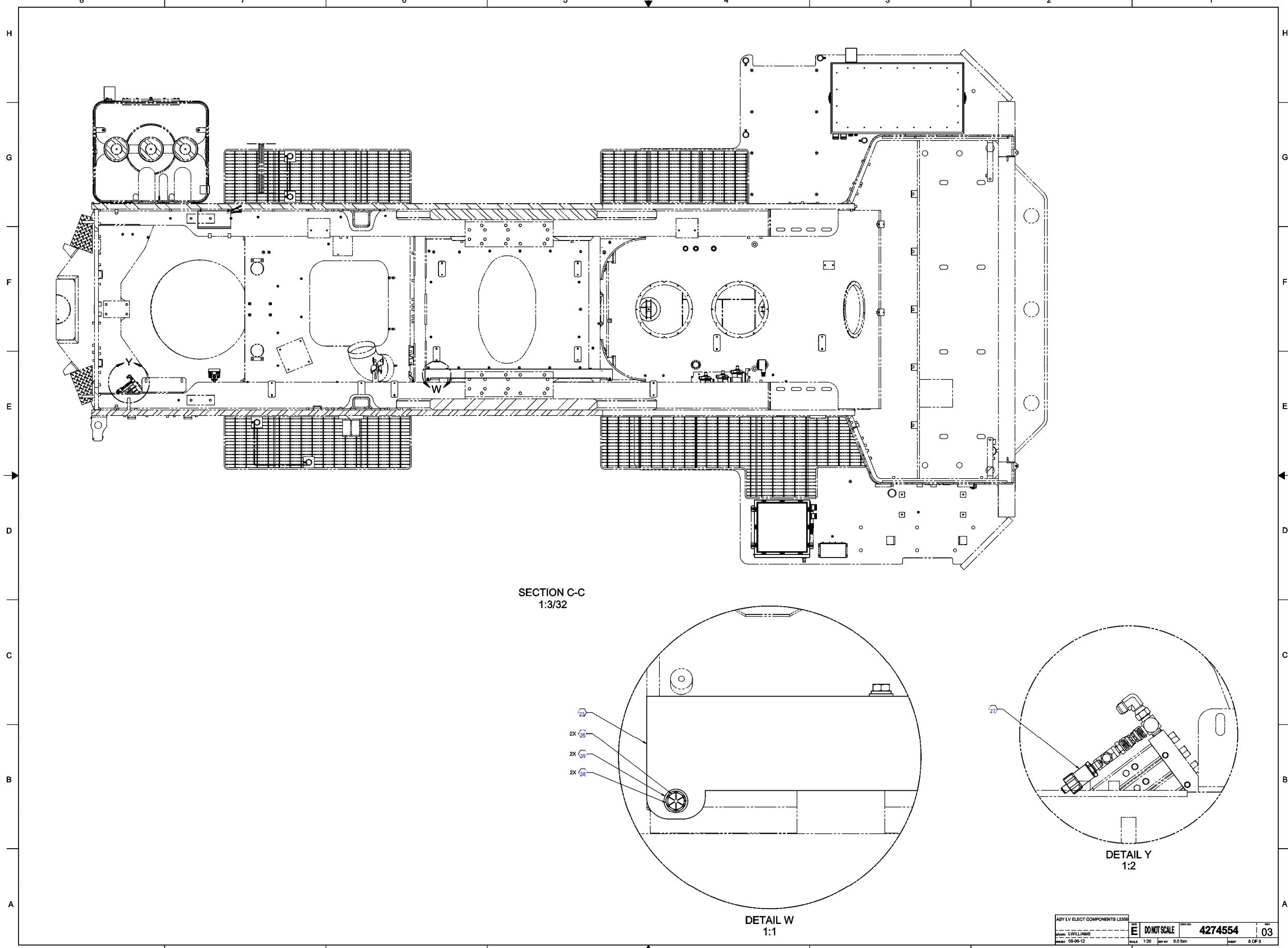
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LOW VOLTAGE ELECTRICAL COMPONENTS



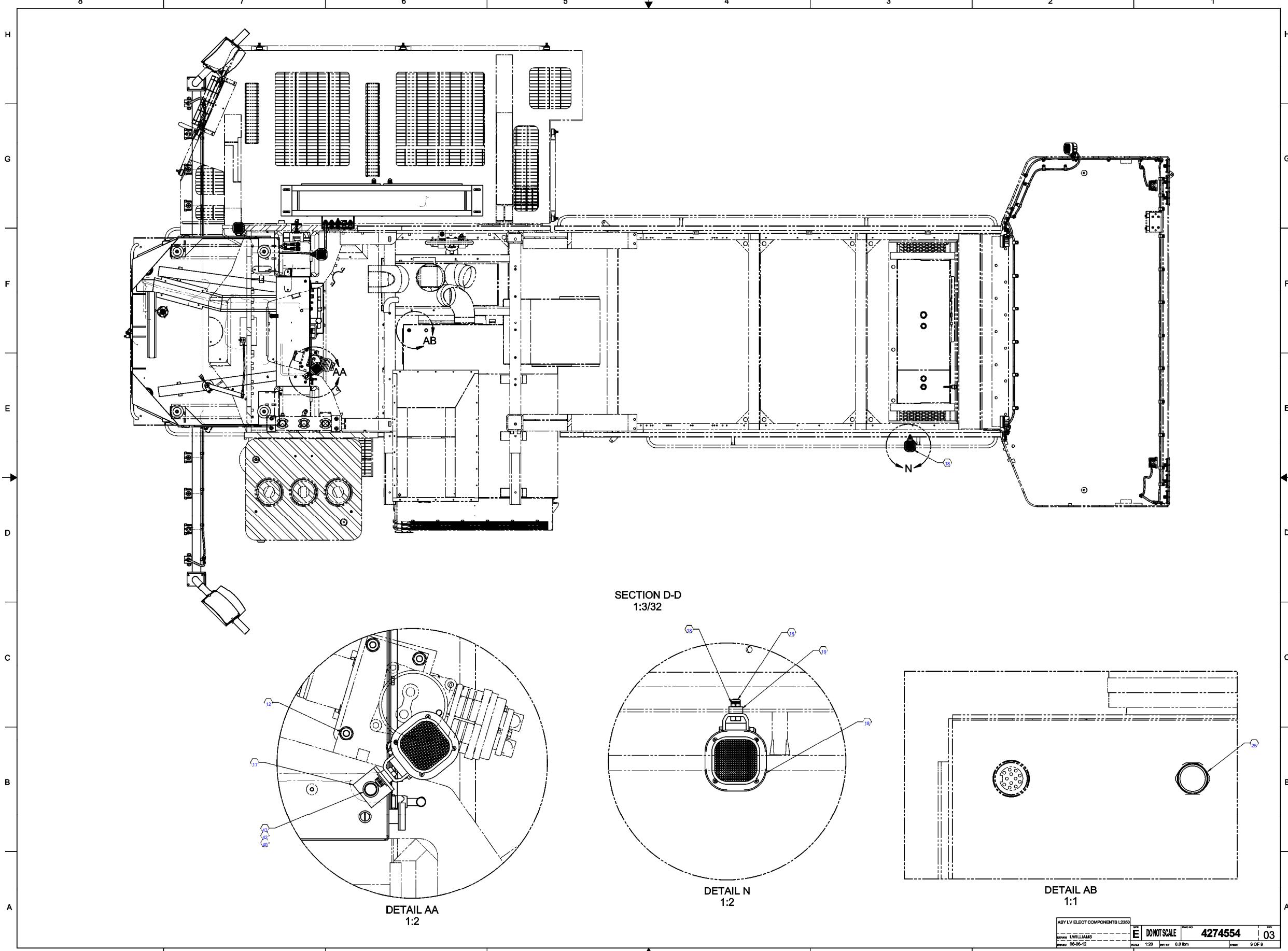
LOW VOLTAGE ELECTRICAL COMPONENTS

LOW VOLTAGE ELECTRICAL COMPONENTS



LOW VOLTAGE ELECTRICAL COMPONENTS

LOW VOLTAGE ELECTRICAL COMPONENTS



LOW VOLTAGE ELECTRICAL COMPONENTS

**L-2350-2242 PARTS MANUAL
LOW VOLTAGE ELECTRICAL COMPONENTS**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274554		LOW VOLTAGE ELECTRICAL COMPONENTS		
1	R4268668	1	· BATTERY BOX ASSEMBLY (PAGE 5.22-5.22A)		
2	R6985709	4	· BATTERY, 12V WET		
3	R4268365	1	· STEERING BOX ASSEMBLY		
4	R4270117	1	· ISOLATION SWITCH BOX ASSEMBLY (PAGE 5.85-5.85A)		
5	R4265566	1	· SUPPORT ASSEMBLY, LOW VOLTAGE CONTROL CABINET		
6	R4274479	1	· CABINET ASSEMBLY, LOW VOLTAGE CONTROL (PAGE 5.90-5.90A)		
7	R4274464	1	· CAB GROUP (PAGE 5.82-5.82A)		
8	R4270333	1	· CAB INSTALLATION HARDWARE GROUP		
9	R4265080	1	· MIRROR/LIGHT BAR ASSEMBLY (PAGE 1.16-1.16A)		
10	R4266323	1	· STEERING POSITION INDICATOR GROUP (PAGE 5.11-5.11A)		
11	R4274691	1	· REAR COWL LIGHTS GROUP (PAGE 5.40-5.40A)		
12	R4274699	1	· A/C INSTALLATION HARDWARE GROUP		
13	R4155057	1	· SWITCH, PRESSURE - 200 PSI		
14	R0986144	1	· CLAMP, CABLE - INSULATED, 1-1/4"		
15	R4265033	1	· SWITCH BOX ASSEMBLY, LADDER LIGHT		
16	R4128304	1	· GROMMET, RUBBER - 1-1/4" I.D. X 2" O.D.		
17	R4275678	2	· LAMP ASSEMBLY, WORK - LED, 9-32V		
18	R4258790	3	· LAMP ASSEMBLY, WORK - LED, 9-32V		
19	R4164792	3	· BUSHING, RUBBER - 5/16" I.D. X 1" O.D.		
20	R4270309	1	· MOUNT STRUCTURE, E-STOP		
21	R4258526	2	· GUARD STRUCTURE, EMERGENCY STOP		
22	R4274515	3	· PUSHBUTTON ASSEMBLY, E-STOP		
23	R4270314	1	· COVER CHANNEL, WIRE		
24	R4270063	1	· SENDING UNIT ASSEMBLY, FUEL LEVEL		
25	R4286128	1	· SENSOR ASSEMBLY, TEMPERATURE - -50 TO +85 C		
26	R4117627	1	· SENDING UNIT, LOW LEVEL		
27	R4255491	1	· TRANSMITTER, PRESSURE - 0-5000 PSI		
28	R0817105	14	· SCREW, #10-32 X 3/4"		
29	R4010907	19	· LOCKWASHER, #10		
30	R0810880	19	· FLATWASHER, #10		
31	R0417597	12	· BOLT, 1/4"-20 X 1/2"		
32	R0213584	12	· LOCKWASHER, 1/4"		
33	R4010923	12	· FLATWASHER, 1/4"		
34	R0810970	2	· BOLT, 3/8"-16 X 3/4"		
35	R4131194	4	· BOLT, 3/8"-16 X 7/8"		
36	R0810971	18	· BOLT, 3/8"-16 X 1"		
37	R4009640	4	· BOLT, 3/8"-16 X 1-1/2"		
38	R0753123	31	· LOCKWASHER, 3/8"		
39	R0808221	31	· FLATWASHER, 3/8"		
40	R0801180	2	· BOLT, 1/2"-13 X 1"		
41	R0824790	4	· BOLT, 1/2"-13 X 1-3/4"		
42	R0801181	6	· LOCKWASHER, 1/2"		
43	R0810991	2	· FLATWASHER, 1/2" X 1" X 1/8"		
44	R4286554	4	· FLATWASHER, 9/16" X 1-3/8" X 3/16"		
45	R4286089	1	· MOUNT STRUCTURE, CAB HORN		
46	R0810986	4	· BOLT, 1/4"-20 X 3/4"		
47	R4279005	1	· HORN, ELECTRIC - 12-60 VDC, UNIVERSAL MOUNT		
48	R4274559	5	· CLAMP, CABLE - INSULATED, 1/2"		
49	R0788159	3	· BOLT, 3/8"-16 X 5/8"		
50	R4156542	5	· SETSCREW, #10-32 X 1"		
51	R0230017	5	· NUT, #10-32		
			DRAWING, LOW VOLTAGE ELECTRICAL COMPONENTS (R427455403)		

L-2350-2242 PARTS MANUAL

Drive Motors

SECTION OR GROUP TITLE

B60 MOTOR AND BRAKE ASSEMBLY

B60 MOTOR ASSEMBLY

Komatsu has made effort to make this manual as accurate as possible based on the information available at the time of publication and printing.

Continuous improvement and advancement of product design may cause changes to machines which may not have been included in this publication.

Komatsu reserves the right to make changes and improvements at any time.

To ensure the most current information, please use the Komatsu On-Line Parts Manual Database or contact your service center.

This illustrated Parts Manual is now designed primarily for electronic viewing.

It is best viewed from the DVD or the Komatsu On-Line Parts Manual Database.

In its printed paper version some items in the illustrations may appear small and the reference numbers may be difficult to read.

In a case where a number or view is unreadable you will need to view it electronically and use the zoom feature.

NOTE: Many of the parts for factory-installed optional components are found in Section 9 of the Parts Manual, which is titled MISCELLANEOUS.

It is essential to verify the optional equipment on the machine and check the parts lists in Section 9 prior to ordering parts.

Should there be questions or need for additional information concerning parts for factory-installed options, contact the Komatsu Parts Sales Department before placing an order.

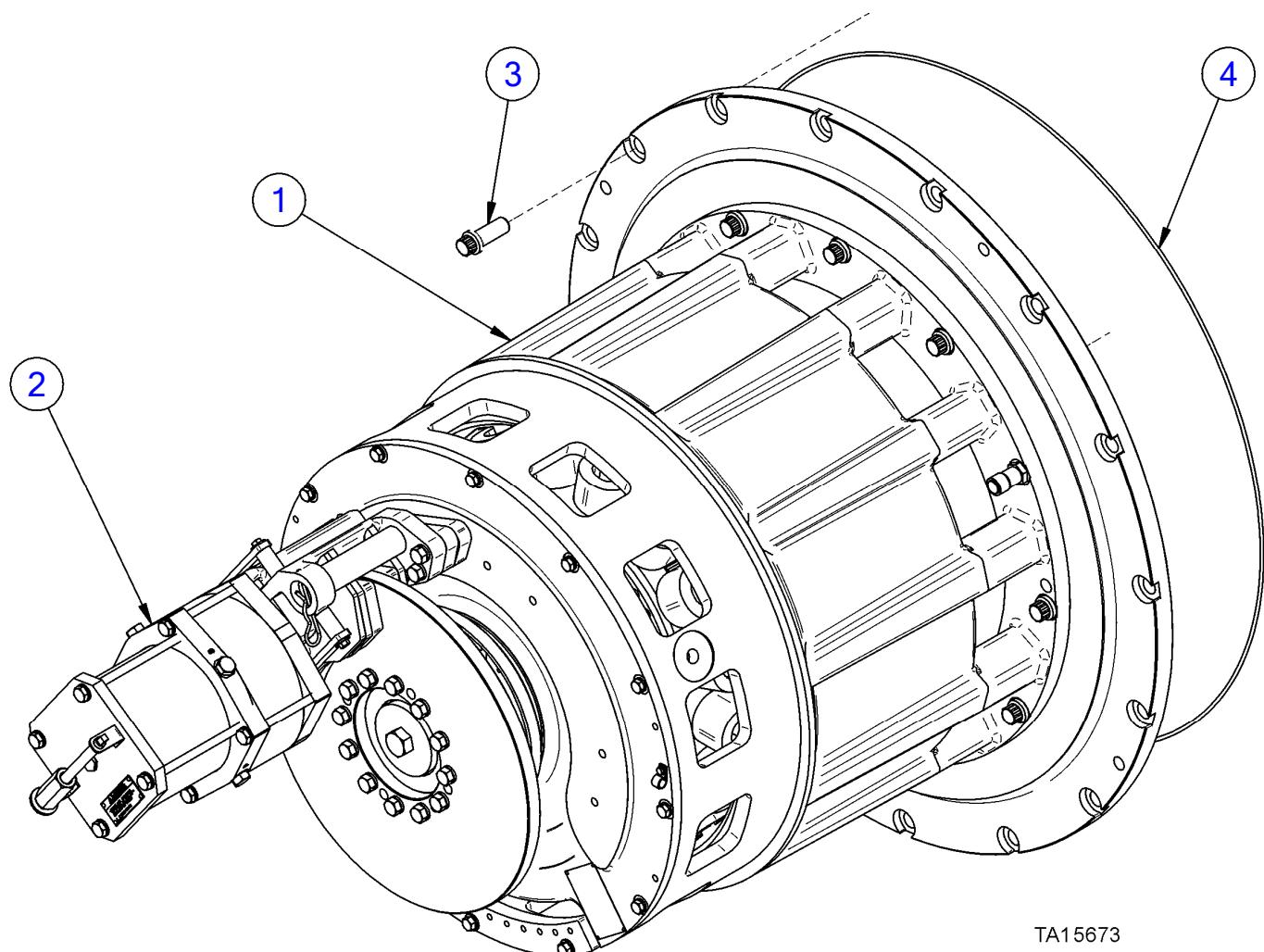
L-2350-2242 PARTS MANUAL

Drive Motors

SECTION OR GROUP TITLE

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B60 MOTOR AND BRAKE ASSEMBLY



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B60 MOTOR AND BRAKE ASSEMBLY

**L-2350-2242 PARTS MANUAL
B60 MOTOR AND BRAKE ASSEMBLY**

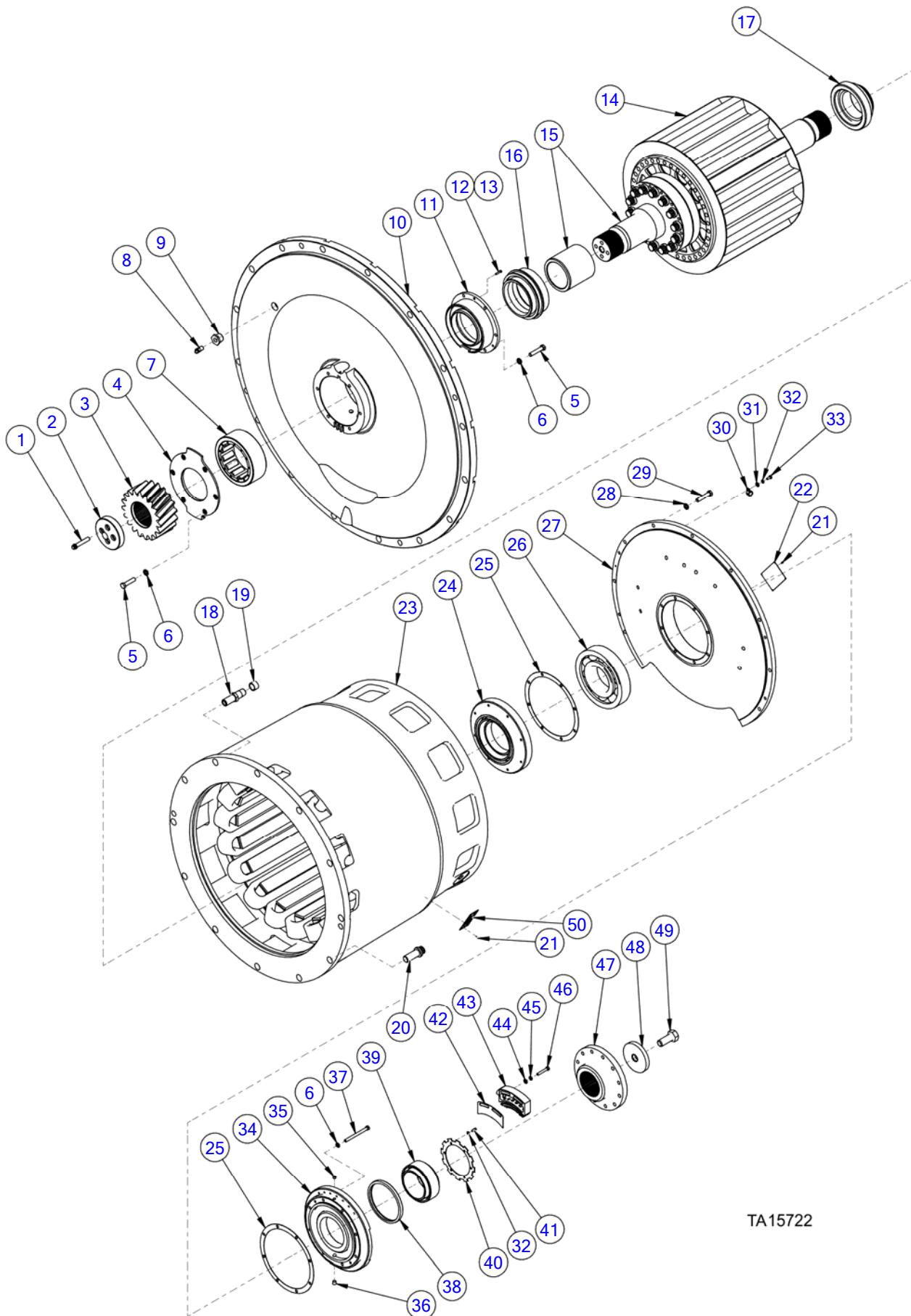
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273272		B60 MOTOR AND BRAKE ASSEMBLY		11/14/14
1	R4264710	1	· B60 MOTOR ASSEMBLY (PAGE 6.1-6.1B)		
2	R4248971	1	· BRAKE CALIPER ASSEMBLY (PAGE 8.21-8.21A)		
3	R4157321	16	CAPSCREW, 1"-8 X 2-1/2"		11/14/14
4	R4233592	1	O-RING, 45-1/2" I.D. - BUNA N		11/14/14
		REF	DRAWING, B60 MOTOR AND BRAKE ASSEMBLY (R427327201)		

**L-2350-2242 PARTS MANUAL
B60 MOTOR AND BRAKE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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B60 MOTOR ASSEMBLY



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B60 MOTOR ASSEMBLY

**L-2350-2242 PARTS MANUAL
B60 MOTOR ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4264710		B60 MOTOR ASSEMBLY		
1	R4001875	4	· CAPSCREW, 1/2"-13 X 2-3/4"		
2	R4233849	1	· RETAINER PLATE AND THRUST FACE		
3	R4220810	1	· PINION, MOTOR - 19T-2.70P HELICAL L.H.		
4	R4235537	1	· RETAINER, BEARING - B40 PE OUTBOARD LIP		
5	R0829683	12	· BOLT, 3/8"-16 X 1-3/4"		6/15/15
6	R0753123	20	· LOCKWASHER, 3/8"		6/15/15
7	R4068947	1	· BEARING ASSEMBLY, ROLLER		
8	R4002430	1	· ELBOW, 3/8" MP X 45 deg. X #8 MJ		
9	R4013794	1	· BUSHING, 3/8" FP X 1" MP		
10	R4233784	1	· ENDBELL, B60		
11	R4234540	1	· SEAL, LABYRINTH - B40 MOTOR		
12	R0813012	1	· SCREW, #10-24 X 1"		6/15/15
13	R0459283	AR	· THREAD COMPOUND, LOCTITE #2760		6/15/15
14	R4266761	1	· ROTOR ASSEMBLY, B60		
15	R4233843	1	· · PINION ASSEMBLY, MOTOR - 61T		
	R4233844	1	· · · PINION, MOTOR - 61T		
	R4233845	1	· · · RACE, BEARING (SEE NOTE)		7/11/13
16	R4234541	1	· · SLINGER, INBOARD - J-2		
17	R4264727	1	· · RACE, INNER LABYRINTH - FOR RPT		
	R4002143	14	· · CAPSCREW, 1"-14 X 3-1/4"		7/11/13
18	R4235908	2	· ADAPTER, STUD - 1"-8 X 3/4" MP X 4", HOLLOW		
19	R4150437	2	· CAP, THREADED - 3/4"		
20	R4157321	10	· CAPSCREW, 1"-8 X 2-1/2"		
21	R4032268	12	· SCREW, DRIVE - #2 X 3/16"		
22	R4266663	1	· PLATE, DATA - B60		
23	R4266762	1	· STATOR AND WINDING, B60		
24	R4264728	1	· RETAINER, BEARING - INNER, FOR RPT		
25	R4132065	2	· GASKET, RETAINER		
26	R4243426	1	· BEARING, BALL - INSULATED		
27	R4266767	1	· ENDBELL, MOTOR - B60		
28	R0801181	9	· LOCKWASHER, 1/2"		
29	R4102793	9	· BOLT, 1/2"-13 X 2-1/2"		
30	R4257612	1	· CLAMP, CABLE - INSULATED, 5/8"		
31	R4010923	1	· FLATWASHER, 1/4"		
32	R0213584	7	· LOCKWASHER, 1/4"		
33	R0812278	1	· BOLT, 1/4"-20 X 5/8"		
34	R4264729	1	· RETAINER, BEARING - OUTER, FOR RPT		
35	R0716331	1	· PLUG, PIPE - 1/8", HEX CSK.		
36	R0272969	1	· PLUG, PIPE - 1/4", HEX CSK.		
37	R4009648	8	· BOLT, 3/8"-16 X 4-1/2"		
38	R4264746	1	· SEAL, OIL - 6.000 6.750 .50 V		
39	R4264720	1	· RACE, OUTER LABYRINTH FOR RPT		
40	R4257758	1	· SHUTTER, RPT - G50		
41	R4001801	6	· BOLT, 1/4"-20 X 1/2"		
42	R4259038	1	· SHIM PACK, RPT CARRIER - G50		
43	R4259036	1	· CARRIER ASSEMBLY, RPT - G50		
44	R0753118	2	· FLATWASHER, 5/16"		
45	R0264174	2	· LOCKWASHER, 5/16"		
46	R4009629	2	· BOLT, 5/16"-18 X 2"		
47	R4266657	1	· HUB, BRAKE		
48	R4148327	1	· WASHER, RETAINER		
49	R4009849	1	· BOLT, 1"-14 X 2-1/4"		
50	R4278715	2	· PLATE, LIFT WARNING		
			NOTE:		7/11/13

**L-2350-2242 PARTS MANUAL
B60 MOTOR ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
			• THE RACE AND PINION P/N'S ARE SUPPLIED FOR REFERENCE ONLY. IT IS NOT A FIELD SERVICEABLE PART.		7/11/13
			• THIS RACE IS SUPPLIED OVERSIZE AND MUST BE GROUND PRECISELY TO THE CORRECT DIAMETER AFTER INSTALLATION ON THE PINION.		7/11/13
			• THE INSTALLATION AND GRINDING PROCESS MUST BE DONE BY YOUR JOY GLOBAL SERVICE CENTER.		7/11/13
	REF	DRAWING, B60 MOTOR ASSEMBLY (426471010)			6/15/15

L-2350-2242 PARTS MANUAL
Driver Assembly
SECTION OR GROUP TITLE

DRIVER ASSEMBLY

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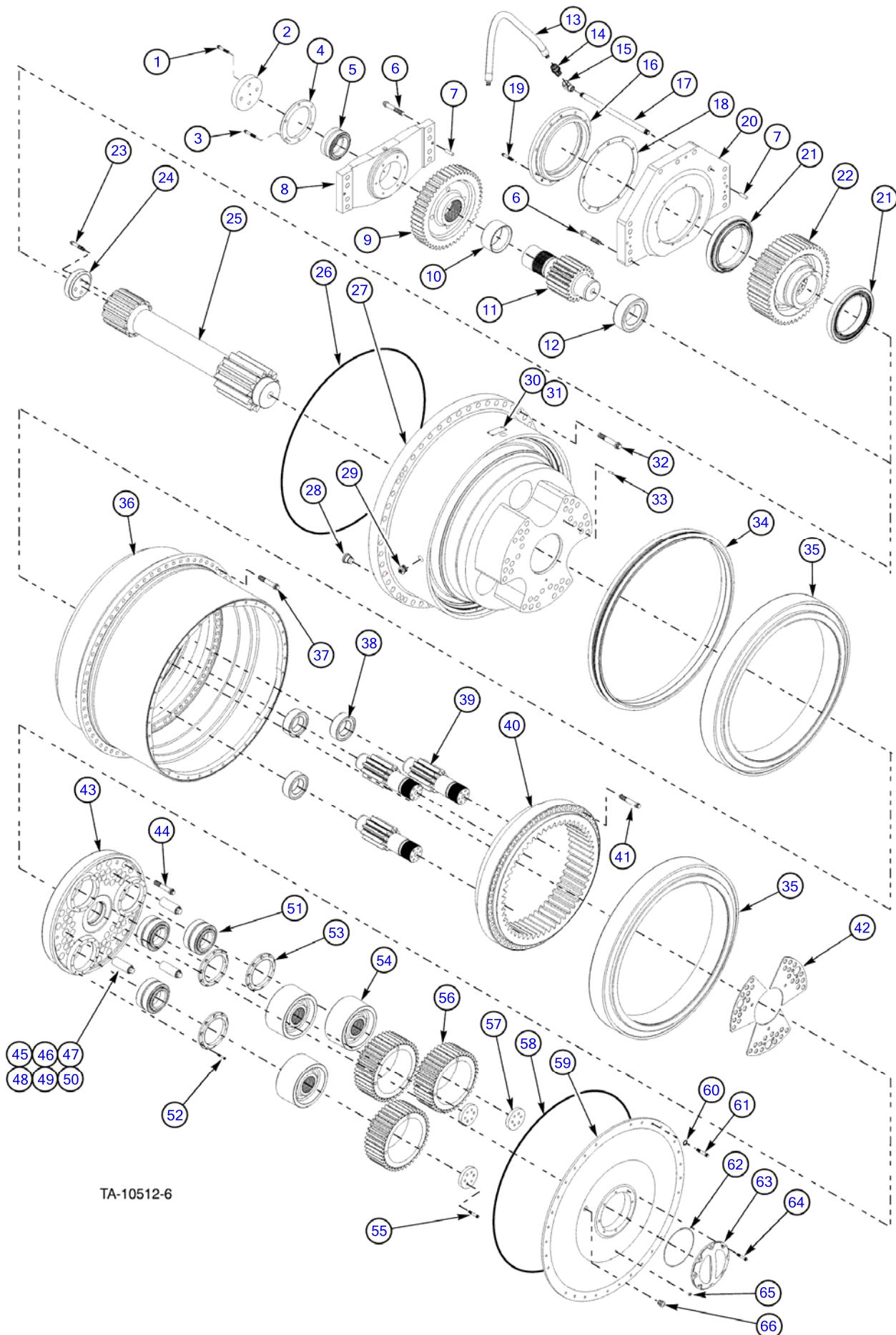
L-2350-2242 PARTS MANUAL

Driver Assembly

SECTION OR GROUP TITLE

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57 DRIVER ASSEMBLY



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57 DRIVER ASSEMBLY

**L-2350-2242 PARTS MANUAL
57 DRIVER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4238781		57 DRIVER ASSEMBLY - 99.24:1		11/12/14
1	R4001875	4	· CAPSCREW, 1/2"-13 X 2-3/4"		
2	R4233983	1	· RETAINER PLATE, BEARING		
3	R4001875	6	· CAPSCREW, 1/2"-13 X 2-3/4"		
4	R4233982	1	· RETAINER, BEARING		
5	R4233643	1	· BEARING ASSEMBLY, TAPER		
6	R4001949	19	· CAPSCREW, 1"-8 X 5-1/2"		
7	R4132633	4	· PIN, DOWEL - 1" X 1-1/2"		
8	N.S.S.	1	· BEARING HOUSING, PRIMARY BEARING (FOR SPINDLE ASSY., SEE NOTE 1)		
9	R4220811	1	· GEAR, PRIMARY - 48T-2.7P		
10	R4233981	1	· SPACER, GEAR		
11	R4220807	1	· PINION, PRIMARY - 20T-2.7P		
12	R4233642	1	· BEARING ASSEMBLY, ROLLER		
13	R4082861	1	· HOSE ASSEMBLY, #8 X 38"		
14	R4002420	1	· ADAPTER, 3/8" MP X #8 MJ		
15	R4032322	1	· ELBOW, 3/8" MP X 90 deg. X 3/8" MP		
16	R4233842	1	· RETAINER, BEARING		
17	R4234545	1	· PIPE, 3/8" X 27-3/8"		
18	R4233595	1	· SHIM PACK		
	R4233994	1	· · SHIM, .015"		
	R4233995	1	· · SHIM, .010"		
	R4233996	2	· · SHIM, .006"		
	R4233997	2	· · SHIM, .005"		
	R4233998	2	· · SHIM, .004"		
19	R4001873	8	· CAPSCREW, 1/2"-13 X 2-1/4"		
20	N.S.S.	1	· BEARING HOUSING, MIDDLE PINION (FOR SPINDLE ASSY., SEE NOTE 1)		
21	R4233644	2	· BEARING ASSEMBLY, TAPER		
22	R4220808	1	· GEAR, 2ND PRIMARY - 47T-2.7P		
23	R4001875	4	· CAPSCREW, 1/2"-13 X 2-3/4"		
24	R4233849	1	· RETAINER PLATE AND THRUST FACE		
25	R4238690	1	· PINION, MIDDLE - 13T-2.12P		
26	R4233592	REF	· O-RING, 45-1/2" I.D. - BUNA N	1	1/15/05
27	N.S.S.	1	· SPINDLE STRUCTURE (FOR SPINDLE ASSY., SEE NOTE 1)		
28	R4213383	1	· PLUG, PIPE - 1-1/16", HEX CSK.		
29	R4013794	4	· BUSHING, 3/8" FP X 1" MP		
	R4013786	4	· BUSHING, 1/8" FP X 3/8" MP		
	R0020315	4	· FITTING, GREASE - 1/8" MP		
30	R4233598	1	· PLATE, NAME - 57 DRIVER		11/19/08
31	R0181073	4	· SCREW, DRIVE - #6 X 3/16"		
	R4233984	1	· PLATE, LUBRICANT IDENTIFICATION - SHC 460		3/31/10
	R4255466	REF	· PLATE, LUBRICANT IDENTIFICATION - SHC 460, PORTUGUESE	1	3/31/10
	R4255336	REF	· PLATE, LUBRICANT IDENTIFICATION - SHC 460, SPANISH	1	6/10/10
	R4271893	REF	· PLATE, LUBRICANT IDENTIFICATION - SHC 460, CHINESE	1	3/15/11
	R4275277	REF	· PLATE, LUBRICANT IDENTIFICATION - SHC 460, FRENCH	1	9/24/11
	R4275305	REF	· PLATE, LUBRICANT IDENTIFICATION - SHC 460, RUSSIAN	1	11/11/11
	R4279627	REF	· PLATE, LUBRICANT IDENTIFICATION - SHC 460, TURKISH	1	4/25/13
32	R4233789	REF	· CAPSCREW, 1-1/4"-12 X 6-1/2"	48	
	R4233222	REF	· CAPSCREW, 1-1/4"-7 X 6"	48	2/23/05
33	R0551322	1	· PIN, ROLLED - 1/2" X 1-1/2"		
34	R4233641	1	· SEAL, MECHANICAL FACE		

**L-2350-2242 PARTS MANUAL
57 DRIVER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4238649	1	· · O-RING, MECHANICAL FACE SEAL - BUNA N		1/15/05
35	R4233640	2	· BEARING ASSEMBLY, TAPERED		
36	R4233788	1	· HUB STRUCTURE		
37	N.P.N.	REF	· CAPSCREW (PAGE 1.14-1.14A)		
38	R4233642	3	· BEARING ASSEMBLY, ROLLER		11/21/02
39	R4220816	3	· PINION, COUNTERSHAFT - 10T-1.705P		
40	R4220817	1	· GEAR, INTERNAL - 53T-1.705P		
41	R4240120	60	· CAPSCREW, 1"-14 X 5-1/2"		
42	R4234992	3	· SHIM, 1/4"		6/16/14
43	N.S.S.	1	· CARRIER, OUTER BEARING (FOR SPINDLE ASSY., SEE NOTE 1)		
44	R4233789	36	· CAPSCREW, 1-1/4"-12 X 6-1/2"		
45	R4184324	3	· DOWEL PIN, EXPANDABLE		
46	R4184325	3	· · PIN, SPLIT - 2-1/2" O.D. X 5"		
47	R4184327	3	· · PIN, TAPERED - OUTER, 7/8"-9		
48	R0021542	3	· · LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
49	R4002116	3	· · CAPSCREW, 3/4"-16 X 4-1/2" (SEE NOTE 4)		11/12/14
50	R4184326	3	· · PIN, TAPERED - INNER, 3/4"-16		
51	R4233599	3	· BEARING ASSEMBLY, TAPERED		
52	R4001873	30	· CAPSCREW, 1/2"-13 X 2-1/4"		
53	R4233980	3	· RETAINER, BEARING		11/21/02
54	R4220819	3	· HUB, COUNTERSHAFT GEAR - 83T-16/32P		
55	R4001897	18	· CAPSCREW, 5/8"-11 X 3-1/2"		4/6/09
56	R4220815	3	· GEAR, COUNTERSHAFT - 41T-2.12P		
57	R4233848	3	· RETAINER PLATE		11/21/02
58	R4233593	1	· O-RING, 45-3/4" I.D. - BUNA N		1/15/05
59	R4233585	1	· COVER STRUCTURE		
60	R0080738	30	· FLATWASHER, 1/2" - COPPER		
61	R4001871	30	· CAPSCREW, 1/2"-13 X 1-3/4"		
62	R4233594	1	· O-RING, 10" I.D. - BUNA N		1/15/05
63	R4233588	1	· COVER, INSPECTION		
	R4273266	1	· · COVER PLATE WITH HANDLE		4/29/14
	R4273267	1	· · BUTTON, HARDENED		4/29/14
	R4001869	2	· · CAPSCREW, 1/2"-13 X 1-1/4"		4/29/14
64	R4001870	8	· CAPSCREW, 1/2"-13 X 1-1/2"		
65	R0272969	1	· PLUG, PIPE - 1/4", HEX CSK.		
66	R2000002	1	· PLUG, PIPE - 1-1/4", SQ. CSK. MAG.		
	R4266671	1	· PLUG, PIPE - 1-1/4", SQ. CSK. - MAGNETIC, PRESSURE RELIEF - SLOTTED		8/3/09
			NOTE 1:		
	R4233799	1	· SPINDLE ASSEMBLY CONSIST OF MATCHED SPINDLE. OUTER BEARING		
			· CARRIER AND PRIMARY PLATE STRUCTURE.		
			· INCLUDES ITEMS 6, 7, 8, 20, 27, 29, 33, 43, 44 & 45		
			NOTE 2:		
	R4234987	REF	· TOOL GROUP, 57 DRIVER ASSEMBLY		11/19/08
	R4234983	REF	· · LIFTING EYE STRUCTURE, DRIVER INTERNAL GEAR	3	
	R4234986	REF	· · PLATE, PULLER - 57 COUNTERSHAFT PINION	3	
	R4229296	REF	· · PLATE, PRESS - 57 COUNTERSHAFT GEAR	3	
	R4229297	REF	· · PLATE, PRESS - 57 COUNTERSHAFT GEAR	3	
	R4234548	REF	· · RING, SEAL INSTALLATION AND SEAL GUARD, 45-3/4" O.D.	1	
	R4234549	REF	· · RING, QUARTER - SEAL PRESS TOOL	4	
	R4009636	REF	· · BOLT, 5/16"-18 X 4-1/2"	8	
	R4009760	REF	· · BOLT, 1/2"-13 X 6"	6	
	R0836034	REF	· · BOLT, 1/2"-13 X 4-1/2"	6	

**L-2350-2242 PARTS MANUAL
57 DRIVER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4234990	REF	· · ALIGNMENT STUD, 57 DRIVER SEAL	6	
	R4234752	REF	· · TOOL, 57 DRIVER MAIN PINION REMOVAL HUB, 9" O.D. X 2-1/2"	1	
	R4234753	REF	· · TOOL, 57 DRIVER MAIN PINION REMOVAL ARM, 9" O.D. X 46-7/8"	1	
	R4235592	REF	· · LIFTING EYE PLATE, 57 DRIVER SPINDLE	2	
	R0040259	REF	· · BOLT, 1-1/4"-7 X 4-1/2"	6	
	R4235590	REF	· · LIFTING EYE PLATE, 57 DRIVER HUB	2	
	R4217198	REF	· · 57 DRIVER/MOTOR LIFTING FIXTURE	1	
	R4235902	REF	· · LIFTING EYE, TIMKEN BEARING	4	
	R4235593	REF	· · STEP GAUGE	1	
	R4234988	REF	· · ROD, PULLER - 57 DRIVER COUNTERSHAFT	3	
	R4238791	REF	· · PLATE, COUNTERSHAFT PINION & BEARING SEPARATING	1	
	R4238792	REF	· · PLATE, PULLER - COUNTERSHAFT ROLLER BEARING	1	
	R4238793	REF	· · PLATE, SUPPORT - 57 COUNTERSHAFT ROLLER	1	
	R4238794	REF	· · BAR, PULLER - 57 DRIVER SPINDLE BEARING	1	
			NOTE 3:		8/3/09
			· SLOTTED PRESSURE RELIEF PLUG R4266671 IS RECOMMENDED		8/3/09
			· FOR USE IN CHECKING OIL LEVEL AND DRAINING PROCEDURES.		8/3/09
			NOTE 4:		11/12/14
			· IN THIS APPLICATION R4009830 BOLT, 3/4"-16 X 4-1/2"		11/12/14
			· IS REPLACED BY R4002116 CAPSCREW, 3/4"-16 X 4-1/2"		11/12/14

**L-2350-2242 PARTS MANUAL
57 DRIVER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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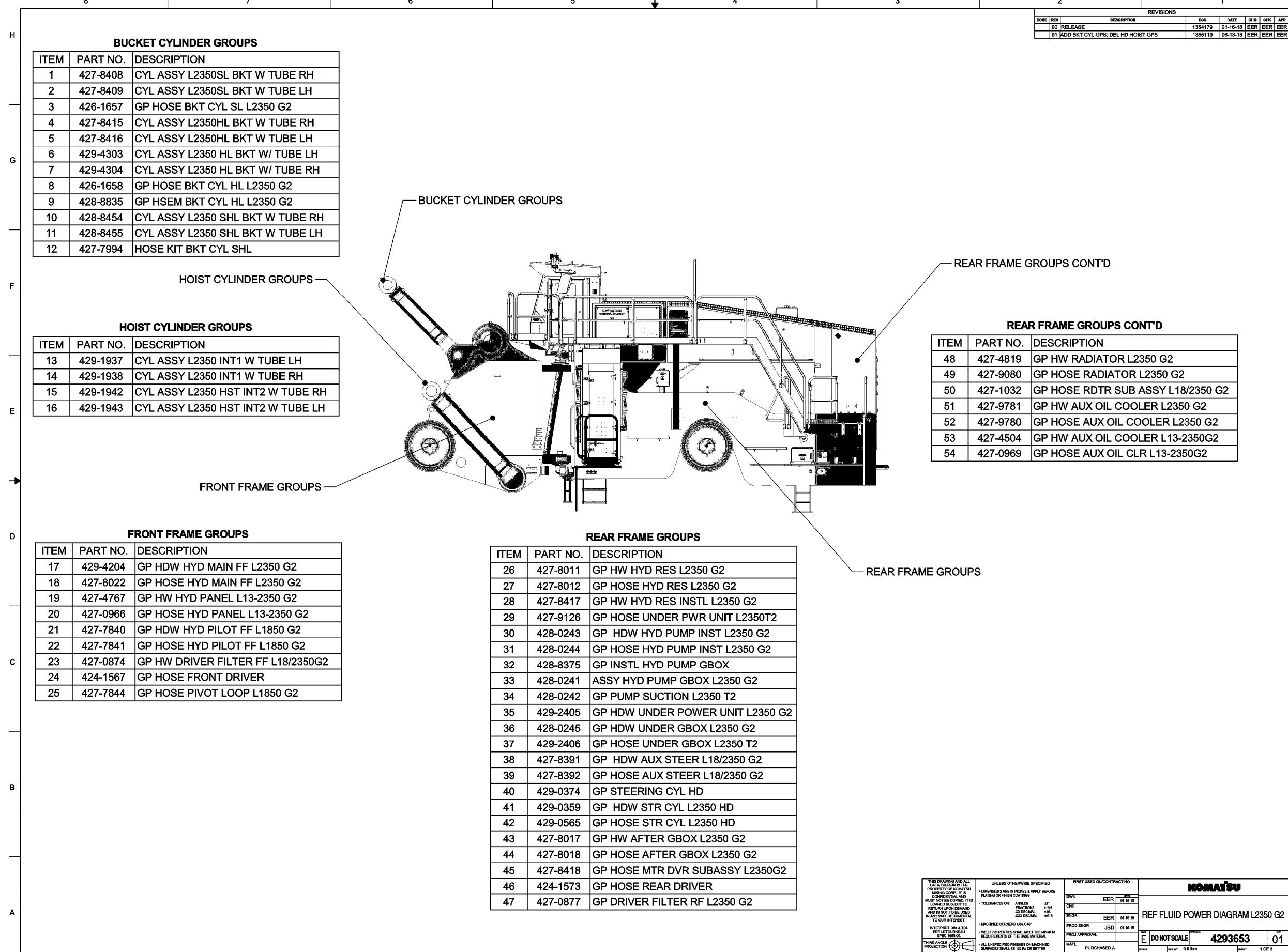
L-2350-2242 PARTS MANUAL
Hydraulic And Air Operated Components
SECTION OR GROUP TITLE

FLUID POWER GROUP
SMALL O-RING KIT - 50 SERIES
DUAL CONTROL VALVE ASSEMBLY
SINGLE CONTROL VALVE ASSEMBLY
OIL COOLER CONTROL VALVE ASSEMBLY
RADIATOR - OIL COOLER AND FAN ASSEMBLY
PROPORTIONAL AND RELIEF MANIFOLD ASSEMBLY
REAR ACCESSORY VALVE ASSEMBLY
STEER CYLINDER
STEER CYLINDER ASSEMBLY
HOIST CYLINDER ASSEMBLY WITH TUBE - L.H.
HOIST CYLINDER ASSEMBLY WITH TUBE - R.H.
HOIST CYLINDER ASSEMBLY
HOIST CYLINDER
BUCKET CYLINDER ASSEMBLY WITH TUBE - L.H.
BUCKET CYLINDER ASSEMBLY WITH TUBE - R.H.
BUCKET CYLINDER ASSEMBLY
BUCKET CYLINDER ASSEMBLY
AIR SYSTEM
STEERING VALVE ASSEMBLY
BRAKE CALIPER ASSEMBLY
BRAKE ACTUATOR CYLINDER ASSEMBLY
STEERING JUNCTION VALVE ASSEMBLY
MAIN CONTROL VALVES ASSEMBLY
GEARBOX CONTROL VALVE ASSEMBLY
HYDRAULIC RESERVOIR ASSEMBLY
FRONT FRAME HYDRAULIC PANEL ASSEMBLY
FRONT FRAME HYDRAULIC PANEL HOSE GROUP
AIR BOX HARDWARE GROUP
AIR BOX HOSE GROUP
AIR TANK STAND ASSEMBLY
FRONT AIR RESERVOIR ASSEMBLY
DRIVER FILTRATION MOTOR/PUMP ASSEMBLY
DRIVER FILTRATION MOTOR/PUMP ASSEMBLY
JUNCTION VALVE ASSEMBLY
FAN MOTOR MANIFOLD GROUP
PROPORTIONAL VALVE SUB-ASSEMBLY
AIR HORN KIT
FRONT RELAY VALVE ASSEMBLY
REAR RELAY VALVE ASSEMBLY
REAR FRAME TRANSDUCER ASSEMBLY
BUCKET CYLINDER HOSE GROUP - HIGH LIFT
FRONT FRAME MAIN HARDWARE GROUP
FRONT FRAME PRESSURE AND RETURN MANIFOLD GROUP
FLOAT VALVE ASSEMBLY - RIGHT HAND
SINGLE FLOAT VALVE
SINGLE FLOAT VALVE ASSEMBLY - LEFT HAND
CROSSOVER PIPE ASSEMBLY - HOIST BASE
CROSSOVER PIPE ASSEMBLY - HOIST ROD
CROSSOVER PIPE ASSEMBLY - BUCKET BASE
CROSSOVER PIPE ASSEMBLY - BUCKET ROD
FRONT FRAME MAIN HOSE GROUP
FRONT FRAME HYDRAULIC PILOT HARDWARE GROUP
CYLINDER PRESSURE TRANSDUCER ASSEMBLY
FRONT FRAME HYDRAULIC PILOT HOSE GROUP
FRONT FRAME DRIVER FILTRATION HARDWARE GROUP
SUCTION FILTER ASSEMBLY
DRIVER FILTER ASSEMBLY
FRONT FRAME DRIVER FILTRATION HOSE GROUP

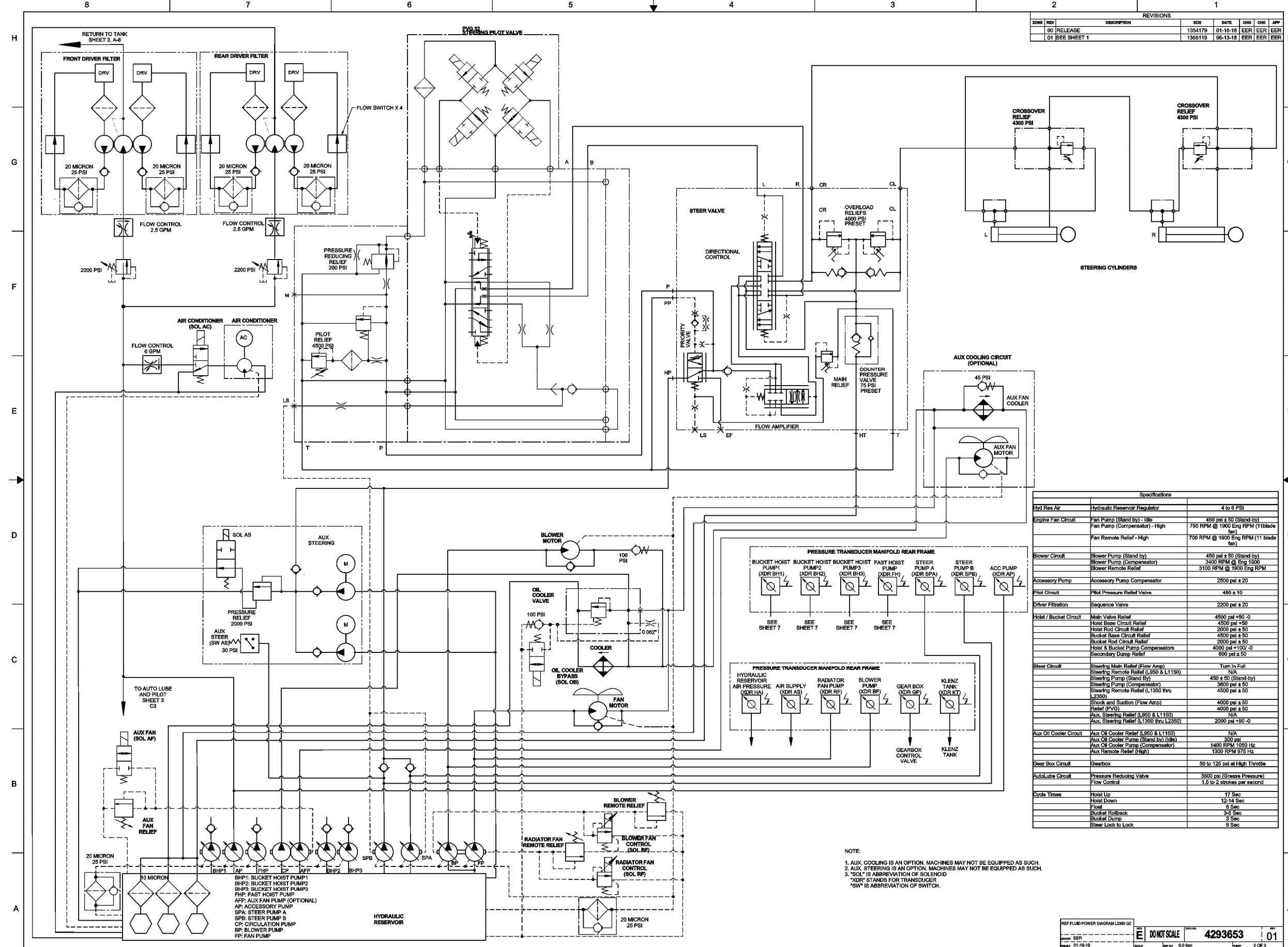
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SECTION OR GROUP TITLE

PIVOT LOOP HOSE GROUP
HYDRAULIC RESERVOIR HOSE GROUP
HYDRAULIC RESERVOIR INSTALLATION HARDWARE GROUP
UNDER POWER UNIT HARDWARE GROUP
OIL COOLER VALVE ASSEMBLY
UNDER POWER UNIT HOSE GROUP
HYDRAULIC PUMP INSTALLATION HARDWARE GROUP
PUMP PRESSURE TRANSDUCER ASSEMBLY
HYDRAULIC PUMP INSTALLATION HOSE GROUP
PUMP SUCTION GROUP
UNDER GEARBOX HARDWARE GROUP
STEERING VALVE SUB-ASSEMBLY
UNDER GEARBOX HOSE GROUP
STEER CYLINDER HARDWARE GROUP
STEER CYLINDER HOSE GROUP
AFTER GEARBOX HARDWARE GROUP
REAR FRAME PRESSURE AND RETURN MANIFOLD GROUP
AFTER GEARBOX HOSE GROUP
MOTOR DRIVER SUB-ASSEMBLY HOSE GROUP
REAR DRIVER HOSE GROUP
REAR FRAME DRIVER FILTRATION HARDWARE GROUP
RADIATOR HARDWARE GROUP
RADIATOR HOSE GROUP
RADIATOR SUB-ASSEMBLY HOSE GROUP
AUXILIARY OIL COOLER KIT
AUXILIARY OIL COOLER SYSTEM HARDWARE GROUP
AUXILIARY OIL COOLER SYSTEM HOSE GROUP
AUXILIARY OIL COOLER HARDWARE GROUP
AUXILIARY OIL COOLER FRAME AND PANELS ASSEMBLY
AUXILIARY OIL COOLER HOSE GROUP
AIR DRYER & GOVERNOR ASSEMBLY
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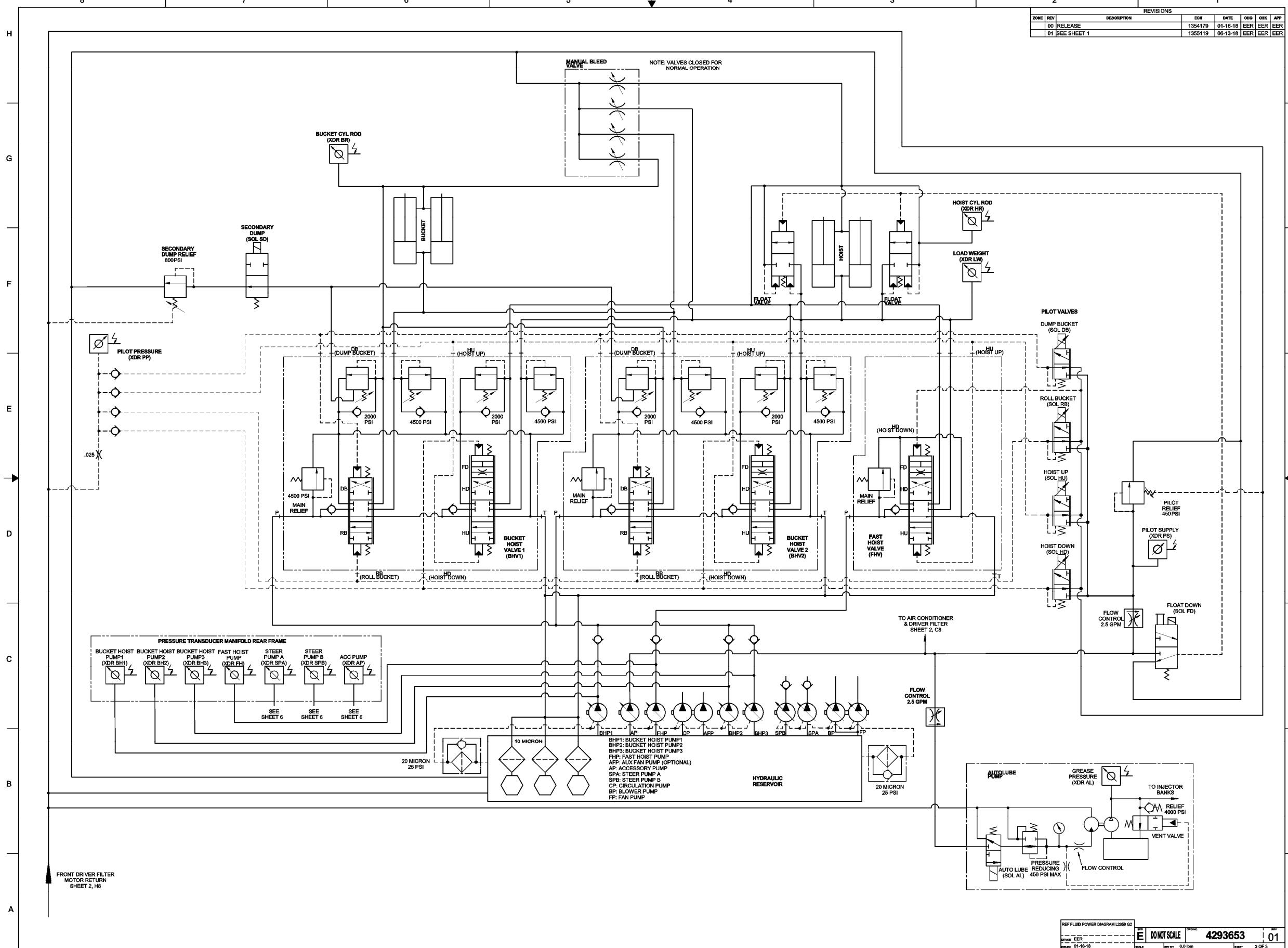
FLUID POWER GROUP



FLUID POWER GROUP



FLUID POWER GROUP



**L-2350-2242 PARTS MANUAL
FLUID POWER GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4293654	1	FLUID POWER GROUP		
1	R4278408	1	· BUCKET CYLINDER ASSEMBLY - STANDARD LIFT, RIGHT HAND		
	R4278407	1	· · BUCKET CYLINDER ASSEMBLY - STANDARD LIFT (PAGE 8.15-8.15A)		
2	R4278409	1	· BUCKET CYLINDER ASSEMBLY - STANDARD LIFT, LEFT HAND		
	R4278407	1	· · BUCKET CYLINDER ASSEMBLY - STANDARD LIFT (PAGE 8.15-8.15A)		
3	R4261657	1	· BUCKET CYLINDER HOSE GROUP - STANDARD LIFT (PAGE 8.56-8.56A)		
4	R4278415	1	· BUCKET CYLINDER ASSEMBLY - HIGH LIFT, RIGHT HAND		
	R4278414	1	· · BUCKET CYLINDER ASSEMBLY - HIGH LIFT (PAGE 8.15-8.15A)		
5	R4278416	1	· BUCKET CYLINDER ASSEMBLY - HIGH LIFT, LEFT HAND		
	R4278414	1	· · BUCKET CYLINDER ASSEMBLY - HIGH LIFT (PAGE 8.15-8.15A)		
6	R4294303	1	· BUCKET CYLINDER ASSEMBLY - HIGH LIFT, LEFT HAND		
	R4294302	1	· · BUCKET CYLINDER ASSEMBLY - HIGH LIFT (PAGE 8.15-8.15C)		
	R4290342		· · · BUCKET CYLINDER ASSEMBLY - HIGH LIFT (PAGE 8.15-8.15D)		
7	R4294304	1	· BUCKET CYLINDER ASSEMBLY - HIGH LIFT, RIGHT HAND (PAGE 8.15-8.15B)		
	R4294302	1	· · BUCKET CYLINDER ASSEMBLY - HIGH LIFT (PAGE 8.15-8.15C)		
	R4290342		· · · BUCKET CYLINDER ASSEMBLY - HIGH LIFT (PAGE 8.15-8.15D)		
8	R4261658	1	· BUCKET CYLINDER HOSE GROUP - HIGH LIFT (PAGE 8.57-8.57A)		
9	R4288835	1	· BUCKET CYLINDER HOSE GROUP - HIGH LIFT - MDG (PAGE 8.57-8.57A)		
10	R4288454	1	· BUCKET CYLINDER ASSEMBLY - SUPER HIGH LIFT, RIGHT HAND		
	R4274786	1	· · BUCKET CYLINDER ASSEMBLY - SUPER HIGH LIFT (PAGE 8.15-8.15A)		
11	R4288455	1	· BUCKET CYLINDER ASSEMBLY - SUPER HIGH LIFT, LEFT HAND		
	R4274786	1	· · BUCKET CYLINDER ASSEMBLY - SUPER HIGH LIFT (PAGE 8.15-8.15A)		
12	R4277994	1	· BUCKET CYLINDER HOSE GROUP - SUPER HIGH LIFT (PAGE 8.57-8.57A)		
13	R4291937	1	· HOIST CYLINDER ASSEMBLY WITH TUBE - LEFT HAND (PAGE 8.14-8.14A)		
	R4291931	2	· · HOIST CYLINDER ASSEMBLY (PAGE 8.14-8.14C)		
	R4273462	1	· · SINGLE FLOAT VALVE ASSEMBLY - LEFT HAND (PAGE 8.62-8.62A)		
	R4244894	1	· · · SINGLE FLOAT VALVE (PAGE 8.61-8.61A)		
14	R4291938	1	· HOIST CYLINDER ASSEMBLY WITH TUBE - RIGHT HAND (PAGE 8.14-8.14A)		
	R4291931	1	· · HOIST CYLINDER ASSEMBLY (PAGE 8.14-8.14C)		
	R4273461	1	· · SINGLE FLOAT VALVE ASSEMBLY - RIGHT HAND (PAGE 8.60-8.60A)		
	R4244894	1	· · · SINGLE FLOAT VALVE (PAGE 8.61-8.61A)		
15	R4291942	1	· HOIST CYLINDER ASSEMBLY WITH TUBE - RIGHT HAND (PAGE 8.14-8.14A)		
	R4291941	1	· · HOIST CYLINDER ASSEMBLY (PAGE 8.14-8.14C)		

**L-2350-2242 PARTS MANUAL
FLUID POWER GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
16	R4291943	1	· HOIST CYLINDER ASSEMBLY WITH TUBE - LEFT HAND (PAGE 8.14-8.14A)		
	R4291941	1	· · HOIST CYLINDER ASSEMBLY (PAGE 8.14-8.14C)		
17	R4294204	1	· MAIN FRONT FRAME HARDWARE GROUP (PAGE 8.58-8.58A)		
	R4267549	1	· · PRESSURE AND RETURN MANIFOLD FRONT FRAME GROUP (PAGE 8.59-8.59A)		
	R4261354	1	· · MAIN VALVES ASSEMBLY (PAGE 8.25-8.25A)		
	R4273468	1	· · CROSSOVER PIPE ASSEMBLY - HOIST BASE (PAGE 8.63-8.63A)		
	R4273469	1	· · CROSSOVER PIPE ASSEMBLY - HOIST ROD (PAGE 8.64-8.64A)		
	R4273466	1	· · CROSSOVER PIPE ASSEMBLY - BUCKET BASE (PAGE 8.65-8.65A)		
	R4273467	1	· · CROSSOVER PIPE ASSEMBLY - BUCKET ROD (PAGE 8.66-8.66A)		
18	R4278022	1	· MAIN FRONT FRAME HOSE GROUP (PAGE 8.67-8.67A)		
19	R4274767	1	· FRONT FRAME HYDRAULIC PANEL ASSEMBLY (PAGE 8.39-8.39A)		
20	R4270966	1	· FRONT FRAME HYDRAULIC PANEL HOSE GROUP (PAGE 8.39-8.39B)		
21	R4277840	1	· FRONT FRAME HYDRAULIC PILOT HARDWARE GROUP - 1850 (PAGE 8.68-8.68A)		
	R4274767	1	· · FRONT FRAME HYDRAULIC PANEL ASSEMBLY (PAGE 8.39-8.39A)		
	R4270955	1	· · CYLINDER PRESSURE TRANSDUCER ASSEMBLY (PAGE 8.69-8.69A)		
22	R4277841	1	· FRONT FRAME HYDRAULIC PILOT HOSE GROUP - 1850 (PAGE 8.70-8.70A)		
23	R4270874	1	· FRONT FRAME DRIVER FILTRATION HARDWARE GROUP (PAGE 8.71-8.71A)		
	R4254486	1	· · SUCTION FILTER ASSEMBLY (PAGE 8.72-8.72A)		
	R4270871	1	· · DRIVER FLOW SWITCH ASSEMBLY (PAGE 8.73-8.73A)		
	R4243478	1	· · DRIVER FILTRATION MOTOR/PUMP ASSEMBLY - FRONT FRAME (PAGE 8.48-8.48A)		
24	R4241567	1	· FRONT FRAME DRIVER FILTRATION HOSE GROUP (PAGE 8.74-8.74A)		
25	R4277844	1	· PIVOT LOOP HOSE GROUP (PAGE 8.75-8.75A)		
26	R4278011	1	· HYDRAULIC RESERVOIR HARDWARE GROUP (PAGE 8.35-8.35A)		
27	R4278012	1	· HYDRAULIC RESERVOIR HOSE GROUP (PAGE 8.76-8.76A)		
28	R4278417	1	· HYDRAULIC RESERVOIR INSTALLATION HARDWARE GROUP (PAGE 8.77-8.77A)		
29	R4279126	1	· UNDER POWER UNIT HOSE GROUP (PAGE 8.80-8.80A)		
30	R4280243	1	· HYDRAULIC PUMP INSTALLATION HARDWARE GROUP (PAGE 8.81-8.81A)		
	R4273446	1	· · PROPORTIONAL AND RELIEF MANIFOLD ASSEMBLY (PAGE 8.7-8.7A)		
	R4270954	1	· · PUMP PRESSURE TRANSDUCER ASSEMBLY (PAGE 8.82-8.82A)		
31	R4280244	1	· HYDRAULIC PUMP INSTALLATION HOSE GROUP (PAGE 8.83-8.83A)		
32	R4288375		· HYDRAULIC PUMP GEARBOX INSTALLATION GROUP (PAGE 2.9-2.9F)		
33	R4280241		· GEARBOX AND PUMPS (PAGE 2.9-2.9A)		
34	R4280242	1	· PUMP SUCTION GROUP (PAGE 8.84-8.84A)		
35	R4292405	1	· UNDER POWER UNIT HARDWARE GROUP (PAGE 8.78-8.78A)		

**L-2350-2242 PARTS MANUAL
FLUID POWER GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274596	1	· · FAN MOTOR MANIFOLD GROUP (PAGE 8.50-8.50A)		
	R4270959	1	· · OIL COOLER VALVE ASSEMBLY (PAGE 8.79-8.79A)		
	R4277635	1	· · · OIL COOLER VALVE ASSEMBLY (PAGE 8.5-8.5A)		
36	R4280245	1	· UNDER GEARBOX HARDWARE GROUP (PAGE 8.85-8.85A)		
	R4275774	1	· · PROPORTIONAL VALVE SUB-ASSEMBLY (PAGE 8.51-8.51A)		
	R4284204	1	· · STEERING VALVE SUB-ASSEMBLY (PAGE 8.86-8.86A)		
	R4270856	1	· · · STEERING VALVE ASSEMBLY (PAGE 8.20-8.20A)		
	R4275773	1	· · JUNCTION VALVE ASSEMBLY (PAGE 8.49-8.49A)		
	R4248914	1	· · · STEERING JUNCTION VALVE ASSEMBLY (PAGE 8.24-8.24A)		
37	R4292406	1	· UNDER GEARBOX HOSE GROUP (PAGE 8.87-8.87A)		
38	R4278391	1	· AUXILIARY STEERING HARDWARE GROUP (PAGE 8.88-8.88A)		
39	R4278392	1	· AUXILIARY STEERING HOSE GROUP (PAGE 8.89-8.89A)		
40	R4290374	2	· STEER CYLINDER (PAGE 8.12-8.12B)		
	R4290011	2	· · STEER CYLINDER ASSEMBLY (PAGE 8.12-8.12C)		
41	R4290359	1	· STEER CYLINDER HARDWARE GROUP (PAGE 8.90-8.90A)		
42	R4290565	1	· STEER CYLINDER HOSE GROUP (PAGE 8.91-8.91A)		
43	R4278017	1	· AFTER GEARBOX HARDWARE GROUP (PAGE 8.92-8.92A)		
	R4267552	1	· · PRESSURE AND RETURN MANIFOLD REAR FRAME GROUP (PAGE 8.93-8.93A)		
	R4273460	1	· · REAR ACCESSORY VALVE ASSEMBLY (PAGE 8.9-8.9A)		
	R4254486	1	· · SUCTION FILTER ASSEMBLY (PAGE 8.72-8.72A)		
44	R4278018	1	· AFTER GEARBOX HOSE GROUP (PAGE 8.94-8.94A)		
45	R4278418	1	· MOTOR DRIVER SUB-ASSEMBLY HOSE GROUP (PAGE 8.95-8.95A)		
46	R4241573	1	· REAR DRIVER HOSE GROUP (PAGE 8.96-8.96A)		
47	R4270877	1	· REAR FRAME DRIVER FILTRATION HARDWARE GROUP (PAGE 8.97-8.97A)		
	R4273488	1	· · DRIVER FILTRATION MOTOR/PUMP ASSEMBLY - REAR FRAME (PAGE 8.48-8.48B)		
	R4270871	1	· · DRIVER FLOW SWITCH ASSEMBLY (PAGE 8.73-8.73A)		
	R4254486	1	· · SUCTION FILTER ASSEMBLY (PAGE 8.72-8.72A)		
48	R4274819	1	· RADIATOR HARDWARE GROUP (PAGE 8.98-8.98A)		
49	R4279080	1	· RADIATOR HOSE GROUP (PAGE 8.99-8.99A)		
50	R4271032	1	· RADIATOR SUB-ASSEMBLY HOSE GROUP (PAGE 8.100-8.100A)		
51	R4279781	1	· AUXILIARY OIL COOLER HARDWARE GROUP (PAGE 8.102-8.102A)		
52	R4279780	1	· AUXILIARY OIL COOLER HOSE GROUP (PAGE 8.103-8.103A)		
53	R4274504	1	· AUXILIARY OIL COOLER HARDWARE GROUP (PAGE 8.104-8.104A)		
	R4273438	1	· · AUXILIARY OIL COOLER FRAME AND PANELS ASSEMBLY (PAGE 8.105-8.105A)		
54	R4270969	1	· AUXILIARY OIL COOLER HOSE GROUP (PAGE 8.106-8.106A)		
			DRAWING, FLUID POWER DIAGRAM (R429365301)		

**L-2350-2242 PARTS MANUAL
FLUID POWER GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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**L-2350-2242 PARTS MANUAL
SMALL O-RING KIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4252726		SMALL O-RING KIT - 50 SERIES		
1	R0828984	1	· O-RING, .188 X 6.119, BUNA N - USE: FUEL SYSTEM		
2	R4002280	4	· O-RING, .078 X .47, BUNA N - USE: FOR R4219191 TEST BLOCK ADAPTER		
3	R4002282	4	· O-RING, .097 X .76, BUNA N - USE: FOR R4219191 TEST BLOCK ADAPTER		
4	R4068357	25	· SEAL, SPLIT FLANGE #20 1.25, POLYURETHANE - REPLACES R4222170 - USE: FLUID POWER GROUP		
5	R4068358	50	· SEAL, SPLIT FLANGE #24 1.5, POLYURETHANE - REPLACES R4222171 - USE: FLUID POWER GROUP		
6	R4068830	8	· O-RING, .139 4.98, VITON - REPLACES R4147284 - USE: FLUID POWER GROUP & GEARBOX		
7	R4071255	50	· SEAL, SPLIT FLANGE #32 2.0, POLYURETHANE - REPLACES R4222172 - USE: FLUID POWER GROUP		
8	R4105004	5	· O-RING, .139 .98, POLYURETHANE - USE: FLUID POWER GROUP		
9	R4105005	20	· SEAL, SPLIT FLANGE #16 1.0, POLYURETHANE - REPLACES R4222169 - USE: FLUID POWER GROUP		
10	R4116301	30	· O-RING, SPLIT FLANGE #40 2-1/2 SAE, POLYURETHANE - USE: FLUID POWER GROUP		
11	R4123584	4	· QUAD RING SEAL, .139 X 3.359" I.D., BUNA N - USE: FLUID POWER GROUP		
12	R4123585	4	· QUAD RING SEAL, .139 X 3.859" I.D., BUNA N - USE: FLUID POWER GROUP		
13	R4123586	4	· QUAD RING SEAL, .139 X 4.359" I.D., BUNA N - USE: FLUID POWER GROUP and oil cooler		
14	R4131587	2	· O-RING, .139 1.73, POLYURETHANE - USE: STEERING JUNCTION VALVE		
15	R4133132	4	· O-RING, 3/8" SAE BOSS, POLYURETHANE - USE: FLUID POWER GROUP		
16	R4133133	2	· O-RING, .087 .64, POLYURETHANE - USE: FLUID POWER GROUP		
17	R4154858	8	· O-RING, .139 2.63, POLYURETHANE - REPLACES R4222476 - USE: OIL COOLER CONTROL VALVE		
18	R4243926	4	· O-RING, .103 3.237, POLYURETHANE - USE: SUCTION FILTER		
19	R4244637	9	· O-RING, .139 6.48, VITON - REPLACES R4237599 - USE: FLUID POWER GROUP & GEARBOX		
20	R4244771	1	· O-RING, .139 3.23, VITON - REPLACES R4102824 - USE: FLUID POWER GROUP		
21	R4244772	8	· O-RING, .139 5.98, VITON - REPLACES R4181235 - USE: FLUID POWER GROUP & GEARBOX		
22	R4247845	1	· O-RING, .070 .3489, BUNA N - USE: POSITION INDICATOR ASSEMBLY		
23	R4247863	2	· O-RING, .070 1.05, BUNA N - USE: FUEL SYSTEM		
24	R4247879	2	· O-RING, .070 .489, BUNA N - USE: POSITION INDICATOR ASSEMBLY		
25	R4257212	2	· O-RING, .139 3.98, VITON - REPLACES R4110761 - USE: FLUID POWER GROUP		
26	R4267979	2	· O-RING, 1-1/4" I.D. - POLYURETHANE - USE: FLUID POWER GROUP		
27	R4268035	1	· O-RING, .103 2.11 - POLYURETHANE - USE: FLUID POWER GROUP		
28	R4268036	1	· O-RING, .103 1.74 - POLYURETHANE - USE: FLUID POWER GROUP		

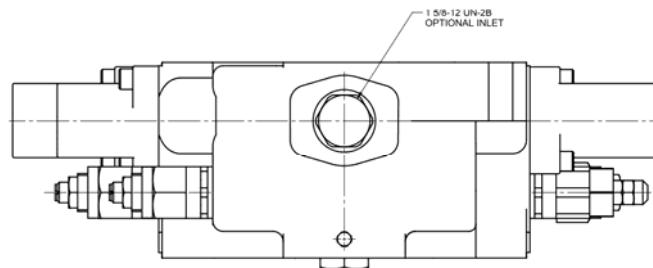
**L-2350-2242 PARTS MANUAL
SMALL O-RING KIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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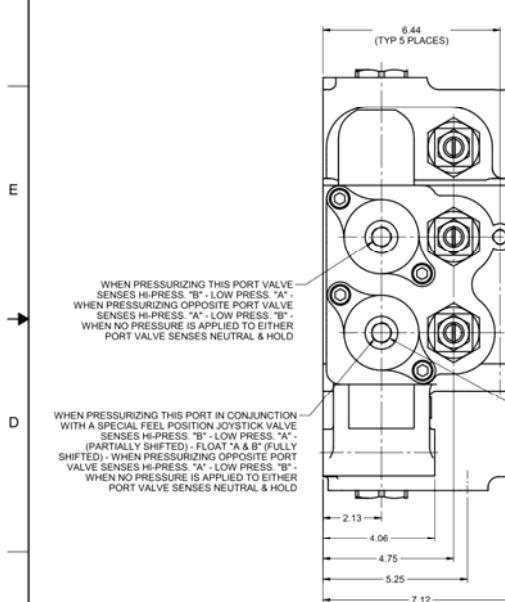
DUAL CONTROL VALVE ASSEMBLY

REVISIONS							
ZONE	REV	DESCRIPTION	ECN	DATE	DRC	CWE	APP
00	<u>RELEASED</u>		NLU-0015	10-06	TEW	RWD	DMF
01	ADD SERVICE PARTS 4244554,55,56,57,58		NLU-04-1420	2-11	KMD	RWD	RWD
02	ADDED SERVICE PART 427-3405		NLU-11-0774	4-1	TEW	AY	AY
03	ADDED BLACK PAINT NOTE		NLU-11-1252	4-11	BAM	SEM	SEM

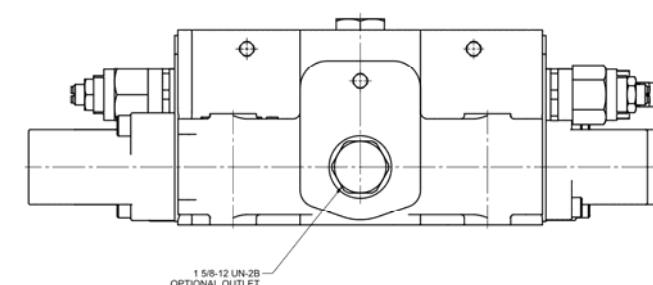
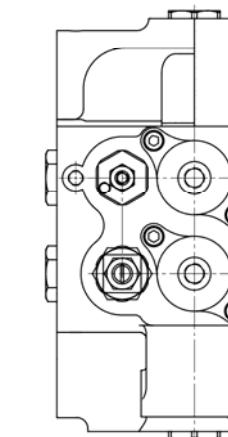
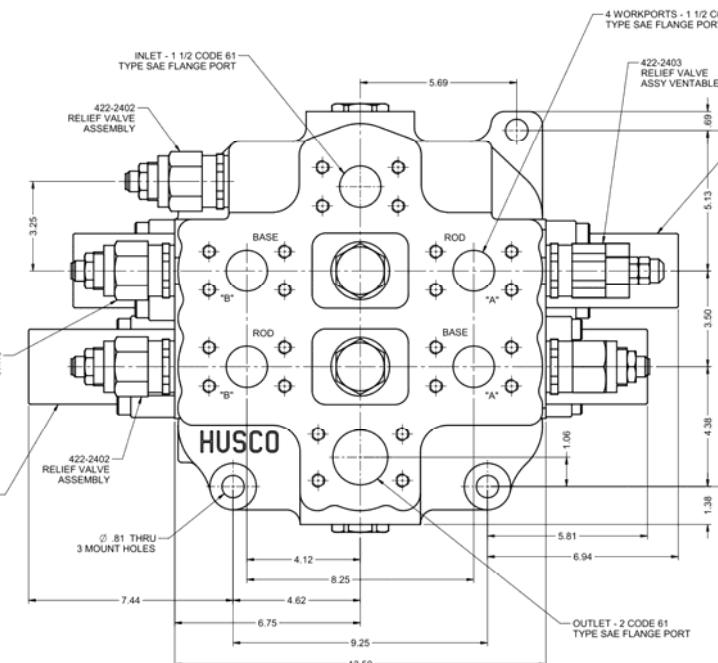


HUSCO TEST SPECIFICATIONS:

- 1.) TEST WITH PETROLEUM BASED 10W HYD. OIL. @ 100°F. 1000 PSI.
- 2.) MAIN RELIEF VALVE TO BE SET AT 3800 ± 25 PSI @ 5 GPM
- 3.) LEAKDOWN RATES TO BE AS FOLLOWS
AT 100°F.
A.) SPOOLS. PORTS 1B & 2A. 7.5 CIPM MAX.
PORTS 1A & 2B. 15 CIPM MAX.
- 4.) LOAD CHECK ALL PORTS. NOT TO EXCEED 45 CIPM MAX.
- 5.) SPECIAL TEST SPECIFICATIONS: TP-1002 & TA-1015
- 6.) MAIN PILLOW PRESSURE TO SET SPILLS 250 PSI
CONTINUING SPILLS ARE ADEQUATE TO RETURN SPOOLS TO NEUTRAL AT 3450 PSI @ 10 GPM
- 7.) MAX. PILOT PRESSURE. 375 PSI



WHEN PRESSURIZING THIS PORT VALVE
SENSES HI-PRESS. "B" - LOW PRESS. "
WHEN PRESSURIZING OPPOSITE PORT VALVE
SENSES HI-PRESS. "A" - LOW PRESS. "
WHEN NO PRESSURE IS APPLIED TO EITHER
PORT VALVE SENSES NEUTRAL & HIGH



SERVICE PARTS:
422-2114 - SEAL KIT
422-2340 - SPRING, VALVE CENTERING, INT
422-2341 - SPRING, VALVE CENTERING, EXT
422-2402 - RELIEF VALVE ASSEMBLY
422-2601 - VALVE ASSEMBLY
424-8719 - END CAP, LONG
424-8720 - END CAP, SHORT
424-4554 - SPACER
424-4555 - SEAT SPRING
424-4556 - LOWER SCREW SOC HD
424-4557 - SPACER
424-4558 - CAP SPOOL
427-3405 - SPRING FLOAT

PAINT NOTE:

DUAL CONTROL VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
DUAL CONTROL VALVE ASSEMBLY**

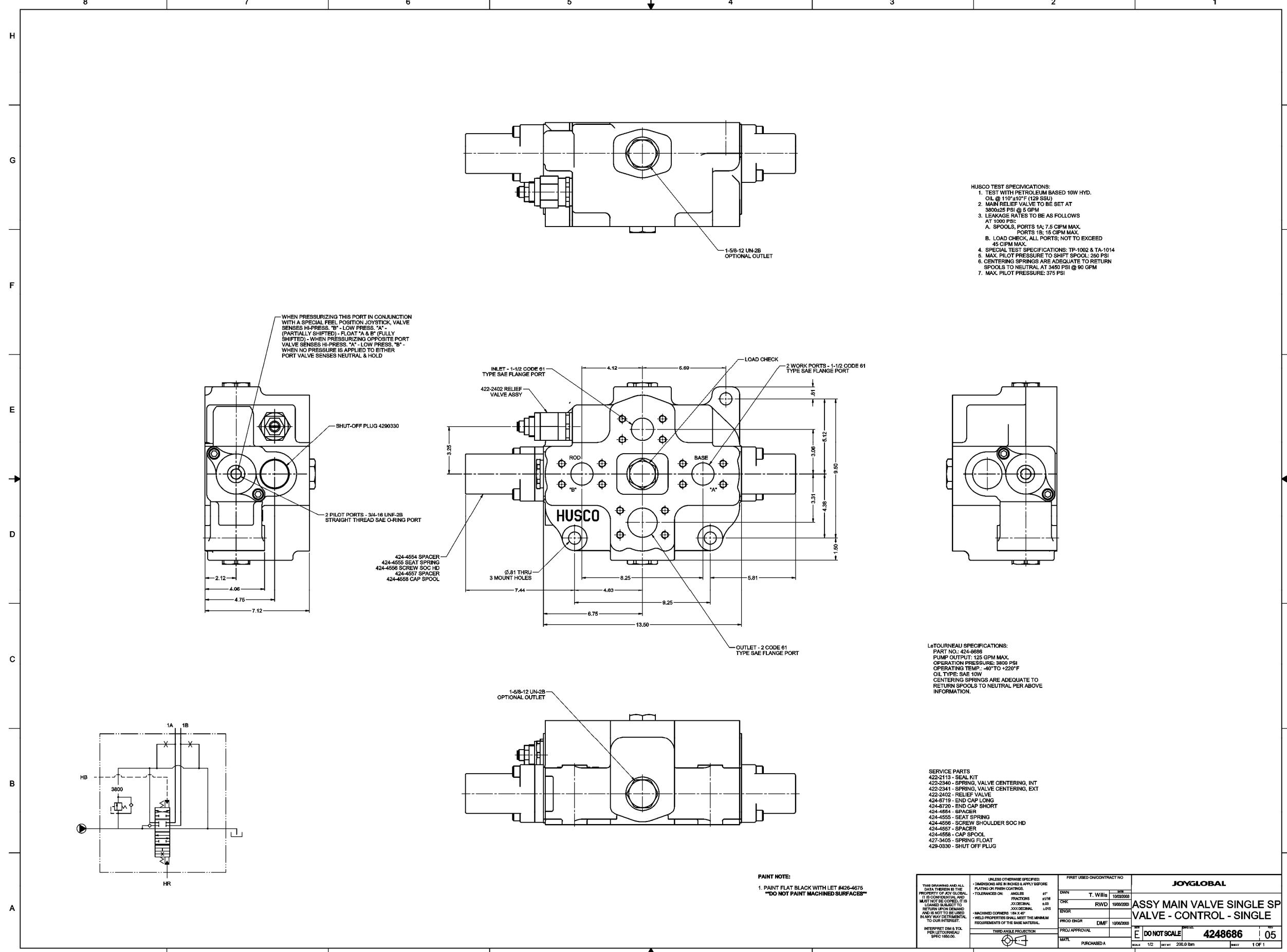
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4248685		DUAL CONTROL VALVE ASSEMBLY		7/24/15
	R4244558	2	· CAP, END - SPOOL		
	R4244557	2	· SPACER		
	R4244556	2	· SCREW, SHOULDER - SOCKET HD.		
	R4244555	2	· SPRING, SEAT		
	R4244554	4	· SPACER		
	R4248720	2	· CAP, END - SHORT		
	R4248719	2	· CAP, END - LONG		
	R4222403	1	· VALVE ASSEMBLY, RELIEF		
	R4222402	4	· VALVE ASSEMBLY, RELIEF		
	R4222341	2	· SPRING, EXTERNAL		
	R4222340	2	· SPRING, INTERNAL		
	R4273405	1	· SPRING, FLOAT		4/25/11
	R4222114	1	SEAL KIT, HUSCO VALVE		
		REF	DRAWING, DUAL CONTROL VALVE ASSEMBLY (R424868503)		7/24/15

**L-2350-2242 PARTS MANUAL
DUAL CONTROL VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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SINGLE CONTROL VALVE ASSEMBLY



SINGLE CONTROL VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
SINGLE CONTROL VALVE ASSEMBLY**

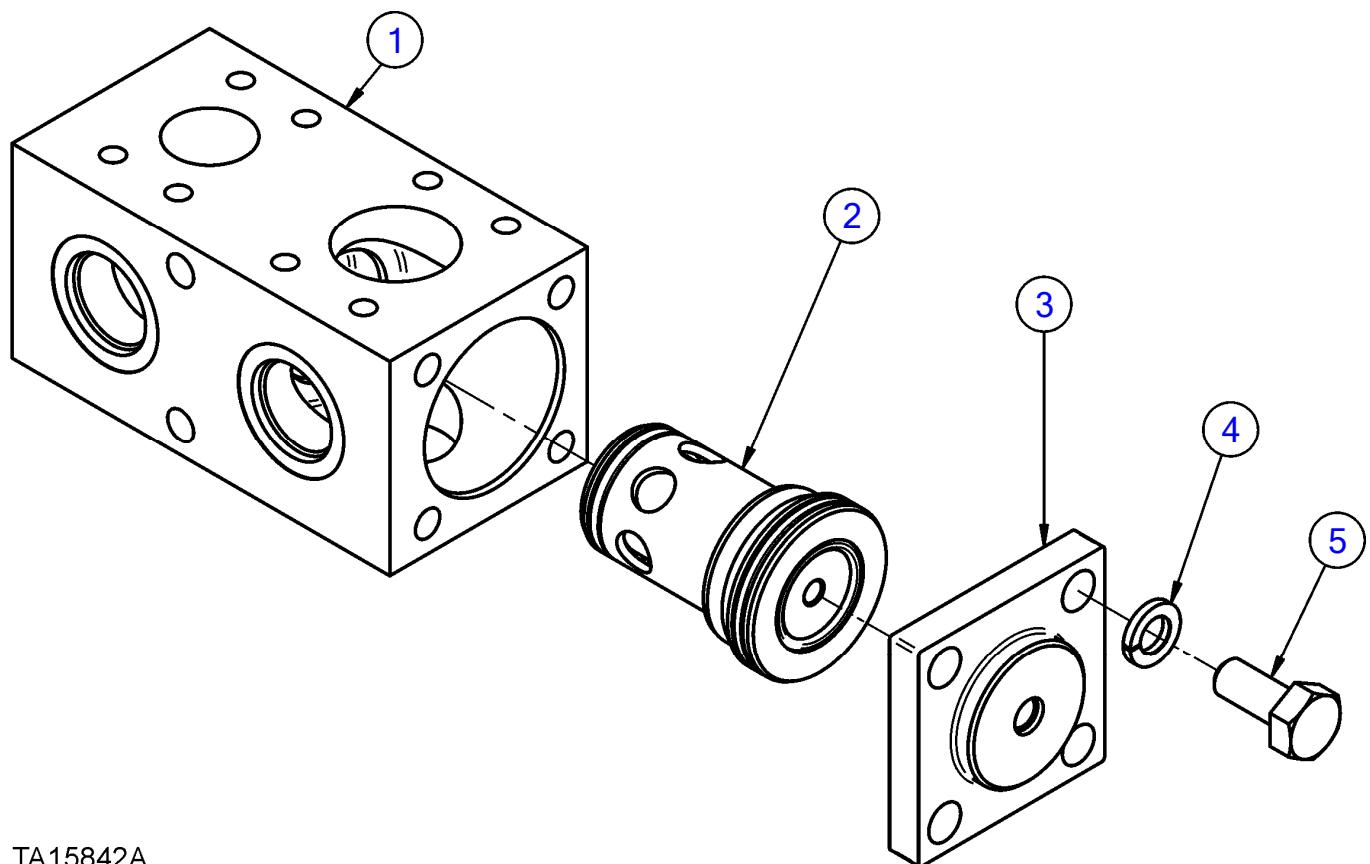
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4248686		SINGLE CONTROL VALVE ASSEMBLY		1/17/18
	R4244558	1	· CAP, END - SPOOL		
	R4244557	1	· SPACER		
	R4244556	1	· SCREW, SHOULDER - SOCKET HD.		
	R4244555	1	· SPRING, SEAT		
	R4244554	2	· SPACER		
	R4248720	1	· CAP, END - SHORT		
	R4248719	1	· CAP, END - LONG		
	R4222402	1	· VALVE ASSEMBLY, RELIEF		
	R4222341	1	· SPRING, EXTERNAL		
	R4222340	1	· SPRING, INTERNAL		
	R4273405	1	· SPRING, FLOAT		4/25/11
	R4290330	1	· PLUG, SHUT OFF		1/17/18
	R4222113	1	SEAL KIT, HUSCO VALVE		
		REF	DRAWING, SINGLE CONTROL VALVE ASSEMBLY (R424868605)		1/17/18

**L-2350-2242 PARTS MANUAL
SINGLE CONTROL VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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OIL COOLER VALVE ASSEMBLY



TA15842A

OIL COOLER VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
OIL COOLER VALVE ASSEMBLY**

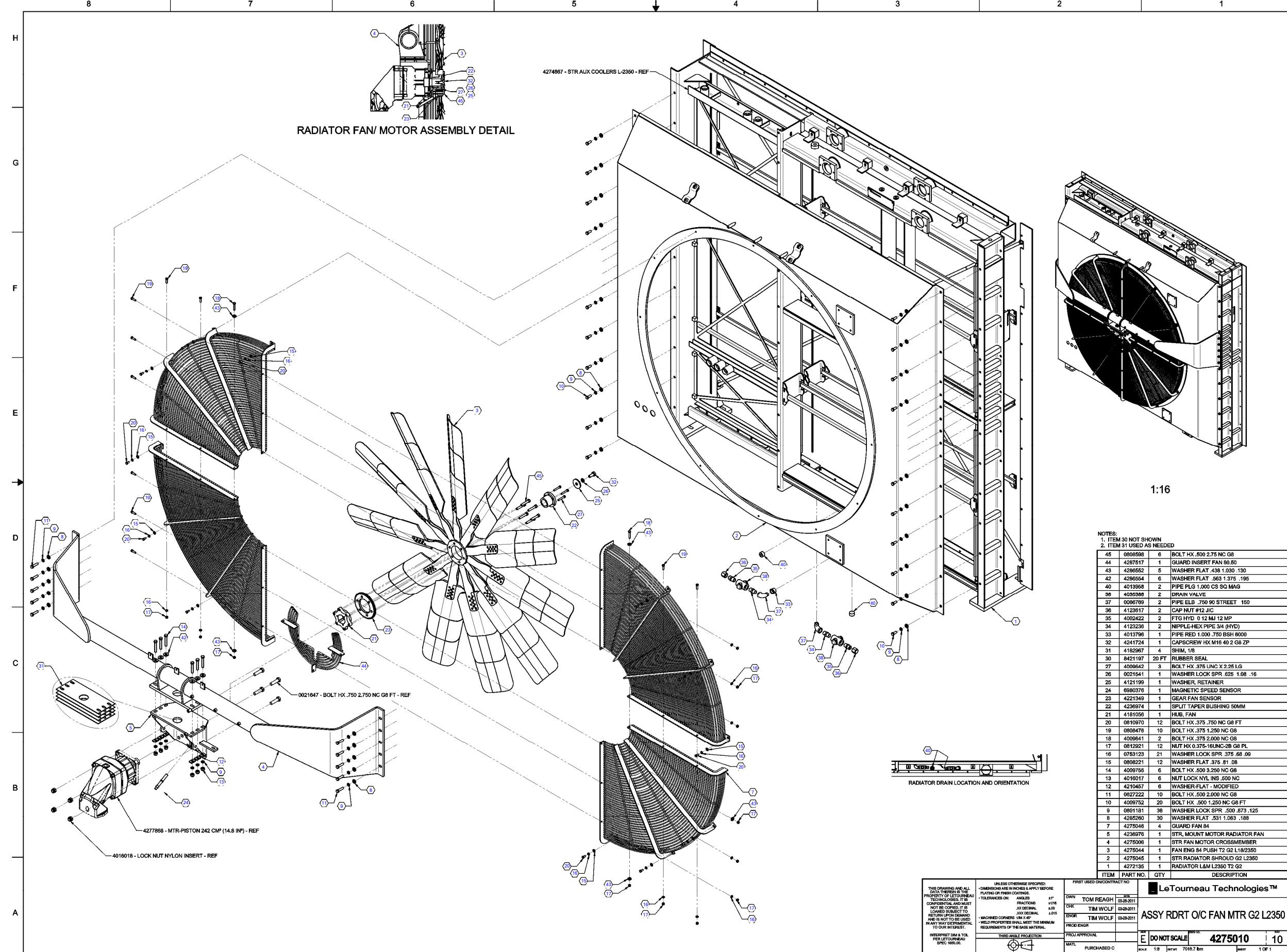
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4277635		OIL COOLER VALVE ASSEMBLY		1/17/18
1	R4277634	1	· HOUSING, OIL COOLER VALVE		
2	R4277633	1	· CARTRIDGE ASSEMBLY, 40 MM		
	R4279449	1	· · SPRING		
	R4279450	1	· · SEAL KIT - VITON		
3	R4277636	1	· CAP, END		
4	R0021541	4	· LOCKWASHER, 5/8"		
5	R0025762	4	· BOLT, 5/8"-11 X 1-1/2"		
		REF	DRAWING, OIL COOLER VALVE ASSEMBLY (R427763501)		1/17/18

**L-2350-2242 PARTS MANUAL
OIL COOLER VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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RADIATOR, OIL COOLER AND FAN ASSEMBLY



RADIATOR, OIL COOLER AND FAN ASSEMBLY

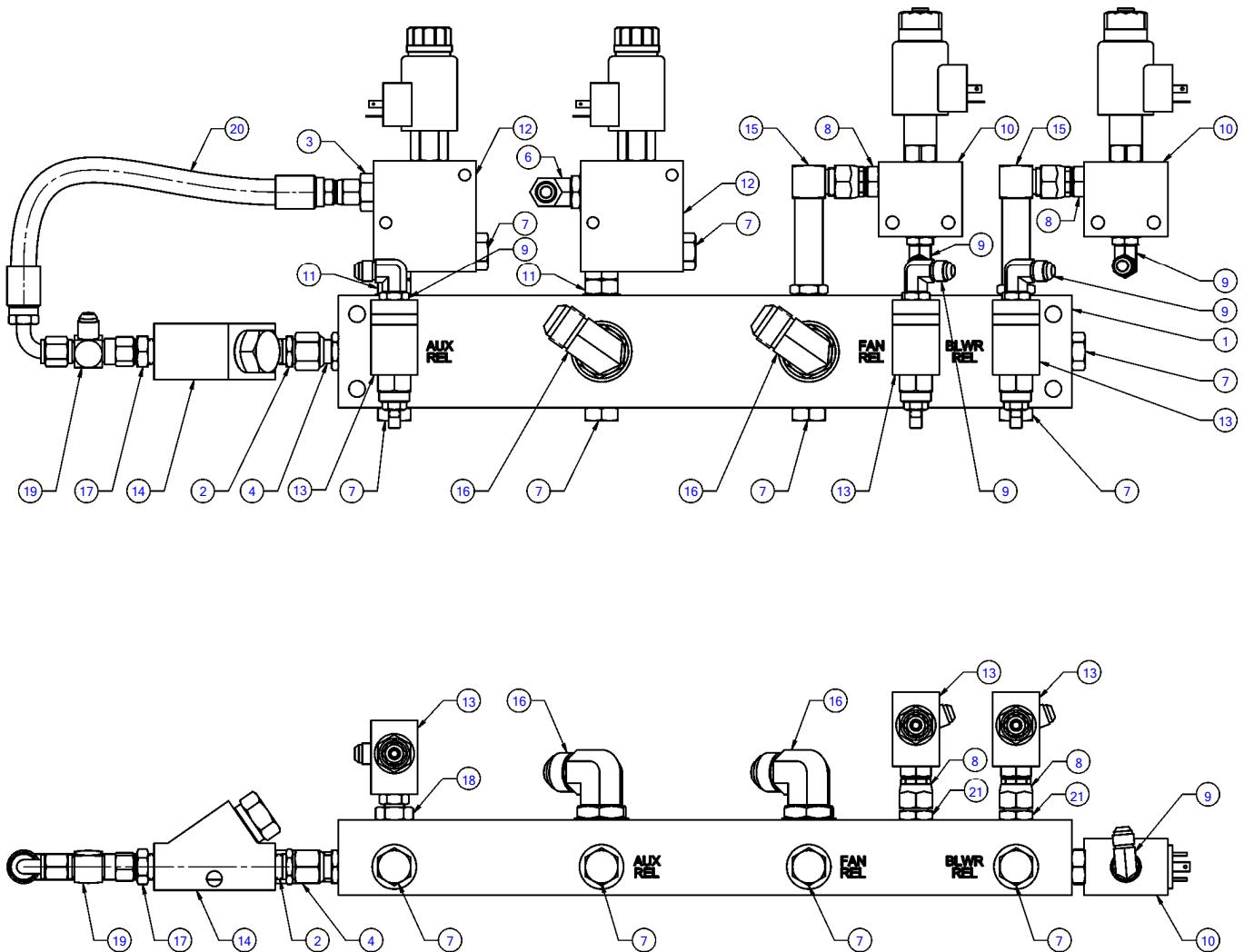
L-2350-2242 PARTS MANUAL
RADIATOR, OIL COOLER AND FAN ASSEMBLY

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4275010	1		RADIATOR, OIL COOLER AND FAN ASSEMBLY		6/21/18
1	R4272135	1		• RADIATOR/OIL COOLER ASSEMBLY		
2	R4275054	1		• SHROUD STRUCTURE, RADIATOR		
3	R4275044	1		• FAN ASSEMBLY - 84", 11 BLADE		
4	R4275006	1		• CROSSEMMEMBER, FAN MOTOR		
5	R4236976	1		• MOUNT STRUCTURE, FAN MOTOR		
6	N.P.N.			• NOT USED		4/11/17
7	R4275046	4		• GUARD, FAN		4/11/17
8	R4285260	30		• FLATWASHER, 9/16" I.D. X 1-1/16" O.D. X 3/16"		4/11/17
9	R0801181	36		• LOCKWASHER, 1/2"		1/4/17
10	R4009752	20		• BOLT, 1/2"-13 X 1-1/4"		
11	R0827222	10		• BOLT, 1/2"-13 X 2"		6/21/18
12	R4210457	6		• FLATWASHER, 1/2" I.D. X 1-1/2" O.D. X 1/4" - CUT		
13	R4016017	6		• LOCKNUT, 1/2"-13 - NYLON		
14	R4009755	6		• BOLT, 1/2"-13 X 3-1/4"		1/4/17
15	R0808221	12		• FLATWASHER, 3/8"		
16	R0753123	21		• LOCKWASHER, 3/8"		4/11/17
17	R0812921	12		• NUT, 3/8"-16		
18	R4009641	2		• BOLT, 3/8"-16 X 2"		4/11/17
19	R0808476	10		• BOLT, 3/8"-16 X 1-1/4"		
20	R0810970	12		• BOLT, 3/8"-16 X 3/4"		
21	R4181056	1		• HUB, FAN		
22	R4236974	1		• BUSHING, SPLIT TAPER		
23	R4221349	1		• GEAR, FAN SPEED		
24	R6980376	1		• SPEED SENSOR PROBE		
	R4149096	REF		• CABLE ASSEMBLY, SPEED SENSOR		
	R4260477	REF		• HARNESS ASSEMBLY, ENGINE FAN SPEED SENSOR - TURCK		5/30/18
25	R4121199	1		• WASHER, RETAINER		
26	R0021541	1		• LOCKWASHER, 5/8"		
27	R4009642	3		• BOLT, 3/8"-16 X 2-1/4"		1/4/17
28	N.P.N.			• NOT USED	4	4/11/17
29	N.P.N.			• NOT USED	4	4/11/17
30	R8421197	20	FT	• SEAL, RUBBER - 3/8" X 1-1/4"		
31	R4182967	AR		• SHIM, 1/8"	4	1/4/17
32	R4241724	1		• CAPSCREW, 16MM X 40 X 2		6/21/18
33	R4013796	1		• BUSHING, 3/4" FP X 1" MP		
34	R4123236	2		• NIPPLE, PIPE - 3/4", HEX		
35	R4002422	2		• ADAPTER, 3/4" MP X #12 MJ		
36	R4123617	2		• CAPNUT, #12 FJ		
37	R0066769	2		• ELBOW, 3/4" FP X 90 deg. X 3/4" MP		
38	R4035388	2		• VALVE, DRAIN - 3/4"		
39	N.P.N.			• NOT USED		4/11/17
40	R4013958	2		• PLUG, PIPE - 1" SQ. CSK. MAG.		11/10/14
41	N.P.N.			• NOT USED		4/11/17
42	R4286554	6		• FLATWASHER, 5/8" X 1-3/8" X 3/16" - HARDENED		4/11/17
43	R4286552	5		• FLATWASHER, 7/16" X 1" X 1/8" - HARDENED		4/11/17
44	R4287517	1		• INSERT, FAN GUARD		4/11/17
45	R0808598	6		• BOLT, 1/2"-13 X 2-3/4"		6/21/18
	R4277868	REF		MOTOR, PISTON - 242 CM3 (14.8 IN3)		4/11/17
	R0021647	REF		BOLT, 3/4"-10 X 2-3/4"		4/11/17
	R4016018	REF		NUT, 3/4"-10 - NYLON		4/11/17
	R4274867	REF		COOLER STRUCTURE, GEARBOX AND SR CABINET (SEE NOTE)		4/11/17
				NOTE:		1/31/13

**L-2350-2242 PARTS MANUAL
RADIATOR, OIL COOLER AND FAN ASSEMBLY**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
				<ul style="list-style-type: none">• THE GEARBOX AND SR CABINET COOLER STRUCTURE IS A WELDED• STRUCTURE AND HAS NO SERVICE PARTS.		
				DRAWING, RADIATOR, OIL COOLER AND FAN ASSEMBLY (R427501010)		6/21/18

PROPORTIONAL AND RELIEF MANIFOLD ASSEMBLY



4273446

PROPORTIONAL AND RELIEF MANIFOLD ASSEMBLY

**L-2350-2242 PARTS MANUAL
PROPORTIONAL AND RELIEF MANIFOLD ASSEMBLY**

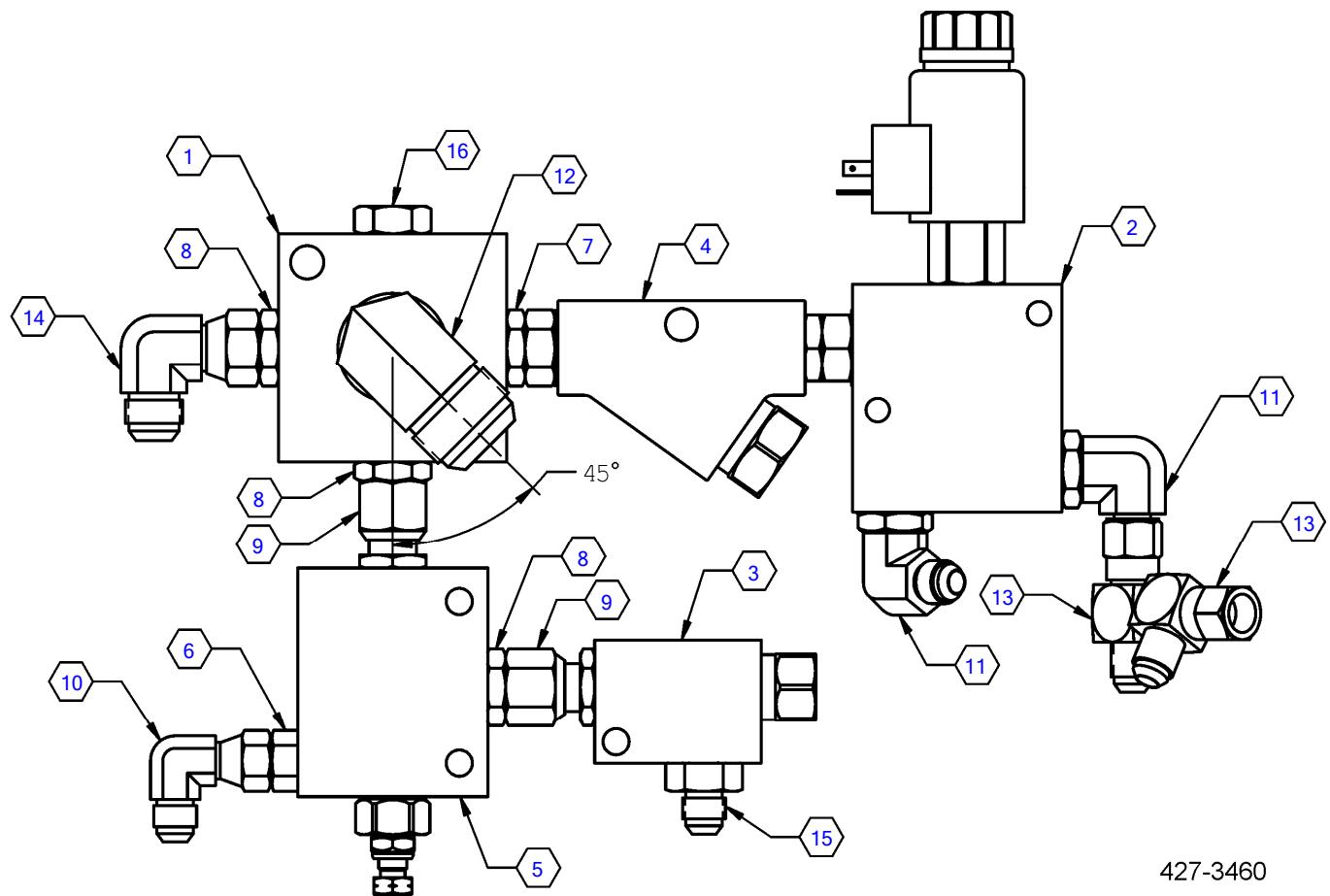
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273446		PROPORTIONAL AND RELIEF MANIFOLD ASSEMBLY		
1	R4273390	1	· MANIFOLD STRUCTURE		
2	R4002420	1	· ADAPTER, 3/8" MP X #8 MJ		
3	R4020771	1	· ADAPTER, #8 MO X #6 MJ		
4	R4116765	1	· ADAPTER, #8 MO X #8 FJ		
5	N.P.N.		· NOT USED		
6	R4017400	1	· ELBOW, #8 MO X 90 deg. X #6 MJ - ADJ.		
7	R4020769	7	· PLUG, PIPE - #8 MO		
8	R4273444	2	· ADAPTER, #6 MO X #8 FJ		
9	R4002470	5	· ELBOW, #6 MO X 90 deg. X #6 MJ - ADJ.		
10	R4261352	2	· VALVE ASSEMBLY, PROPORTIONAL - N.C.		
11	R4030078	2	· ADAPTER, #8 MO X #8 MO		
12	R4244832	2	· VALVE ASSEMBLY, SOLENOID - 2-WAY, N.C. - 24VDC		
13	R4241019	3	· VALVE ASSEMBLY, RELIEF - 500-5000 PSI		
14	R4261663	1	· VALVE ASSEMBLY, CHECK - 100 PSI		
15	R4273445	2	· ELBOW, #8 MO X 90 deg. X #8 MJ		
16	R4002473	2	· ELBOW, #12 MO X 90 deg. X #12 MJ - ADJ.		
17	R4011756	1	· ADAPTER, 3/8" MP X #6 MJ		
18	R4264894	3	· ADAPTER, #8 MO X #6 MO		
19	R4131486	1	· TEE, #6 MJ X #6 FJ X #6 MJ		
20	R4186018	1	· HOSE ASSEMBLY, #6 X 14"		
		REF	DRAWING, PROPORTIONAL AND RELIEF MANIFOLD ASSEMBLY (R427344602)		

**L-2350-2242 PARTS MANUAL
PROPORTIONAL AND RELIEF MANIFOLD ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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REAR ACCESSORY VALVE ASSEMBLY



427-3460

REAR ACCESSORY VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
REAR ACCESSORY VALVE ASSEMBLY**

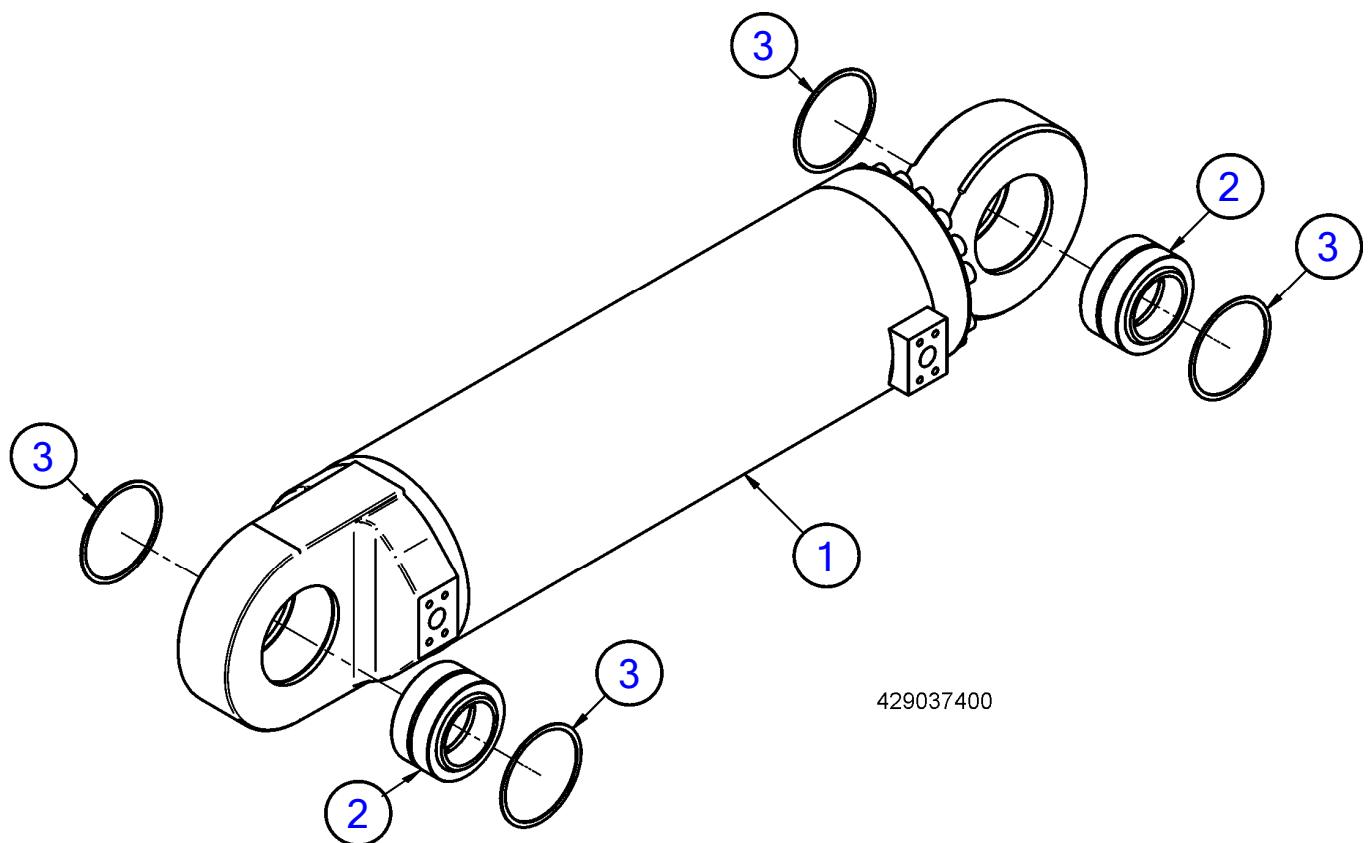
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273460		REAR ACCESSORY VALVE ASSEMBLY		5/7/15
1	R4170566	1	· MANIFOLD STRUCTURE - 5 PORT		
2	R4244831	1	· VALVE ASSEMBLY, SOLENOID - 2-WAY N.O.		
	R4138101	1	· · SEAL KIT		
	R4244836	1	· · COIL, 24VDC		
	R4280397	1	· · NUT, COIL		5/7/15
	R4280295	1	· · VALVE ASSEMBLY, 3-WAY		5/7/15
3	R4244881	1	· VALVE, FLOW CONTROL - 2.5 GPM		
4	R4264870	1	· VALVE, FLOW CONTROL - P.C., 6 GPM		
5	R4273458	1	· VALVE, SEQUENCE - PILOT OPERATED		
6	R4002454	1	· ADAPTER, #6 MO X #6 MJ		
7	R4030078	2	· ADAPTER, #8 MO X #8 MO		
8	R4002455	3	· ADAPTER, #8 MO X #8 MJ		
9	R4116765	2	· ADAPTER, #8 MO X #8 FJ		
10	R4002478	1	· ELBOW, #6 FJ X 90 deg. X #6 MJ - SWIVEL		
11	R4017400	2	· ELBOW, #8 MO X 90 deg. X #6 MJ - ADJ.		
12	R4040556	1	· ELBOW, #12 MO X 90 deg. X #16 MJ		
13	R4131486	2	· TEE, #6 MJ X #6 FJ X #6 MJ		
14	R4002479	1	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		
15	R4020771	1	· ADAPTER, #8 MO X #6 MJ		
16	R4020769	1	· PLUG, PIPE - #8 MO		
		REF	DRAWING, REAR ACCESSORY VALVE ASSEMBLY(R427346000)		

**L-2350-2242 PARTS MANUAL
REAR ACCESSORY VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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STEER CYLINDER



429037400

STEER CYLINDER

**L-2350-2242 PARTS MANUAL
STEER CYLINDER**

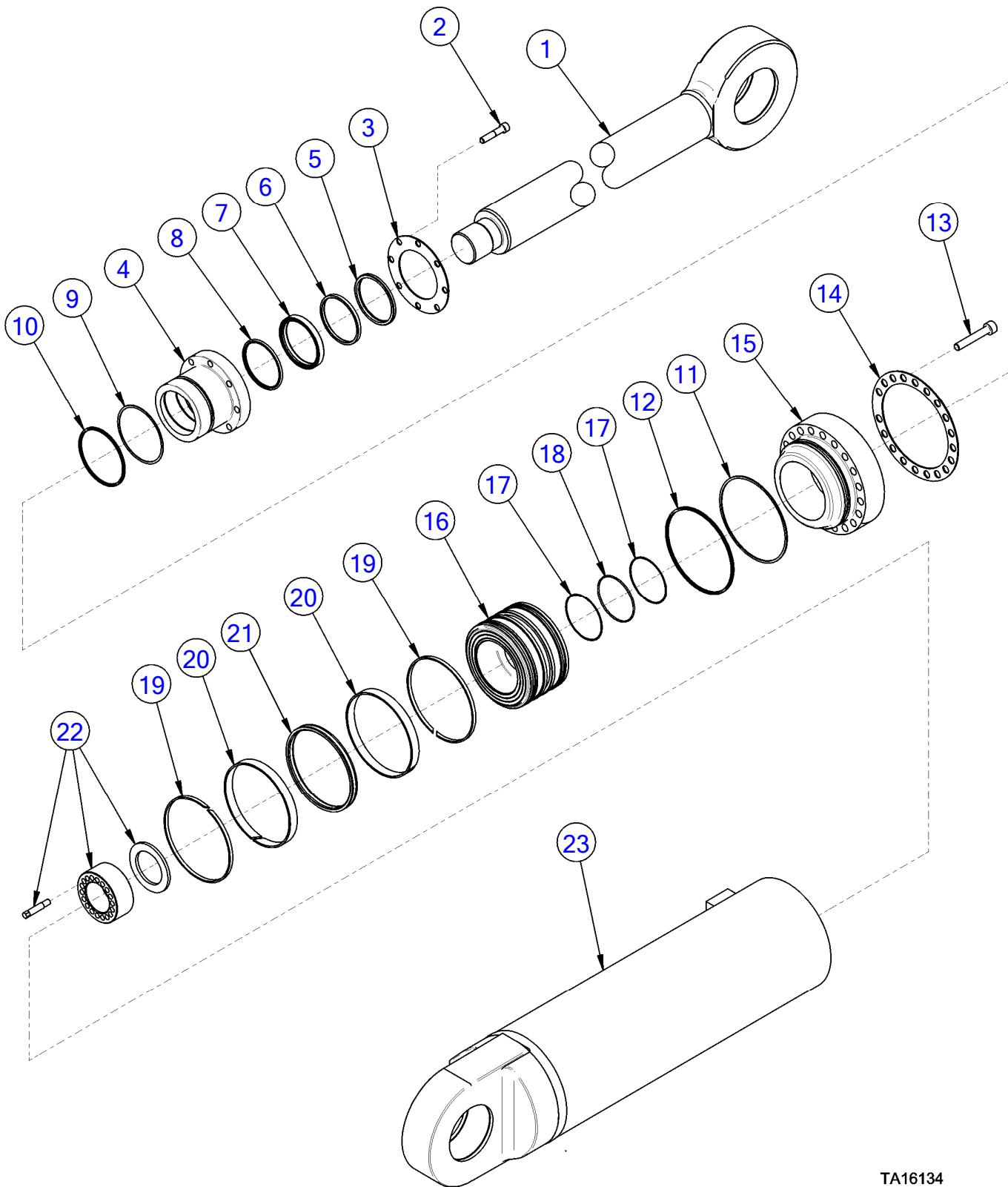
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4290374		STEER CYLINDER		
1	R4290011	1	· STEER CYLINDER ASSEMBLY (PAGE 8.12-8.12C)		
2	R6944893	2	· BUSHING, SELF-ALIGNING - 4"		
3	R4093488	4	· RING, RETAINING - INTERNAL		
		REF	DRAWING, STEER CYLINDER (R429037400)		

**L-2350-2242 PARTS MANUAL
STEER CYLINDER**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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STEER CYLINDER ASSEMBLY



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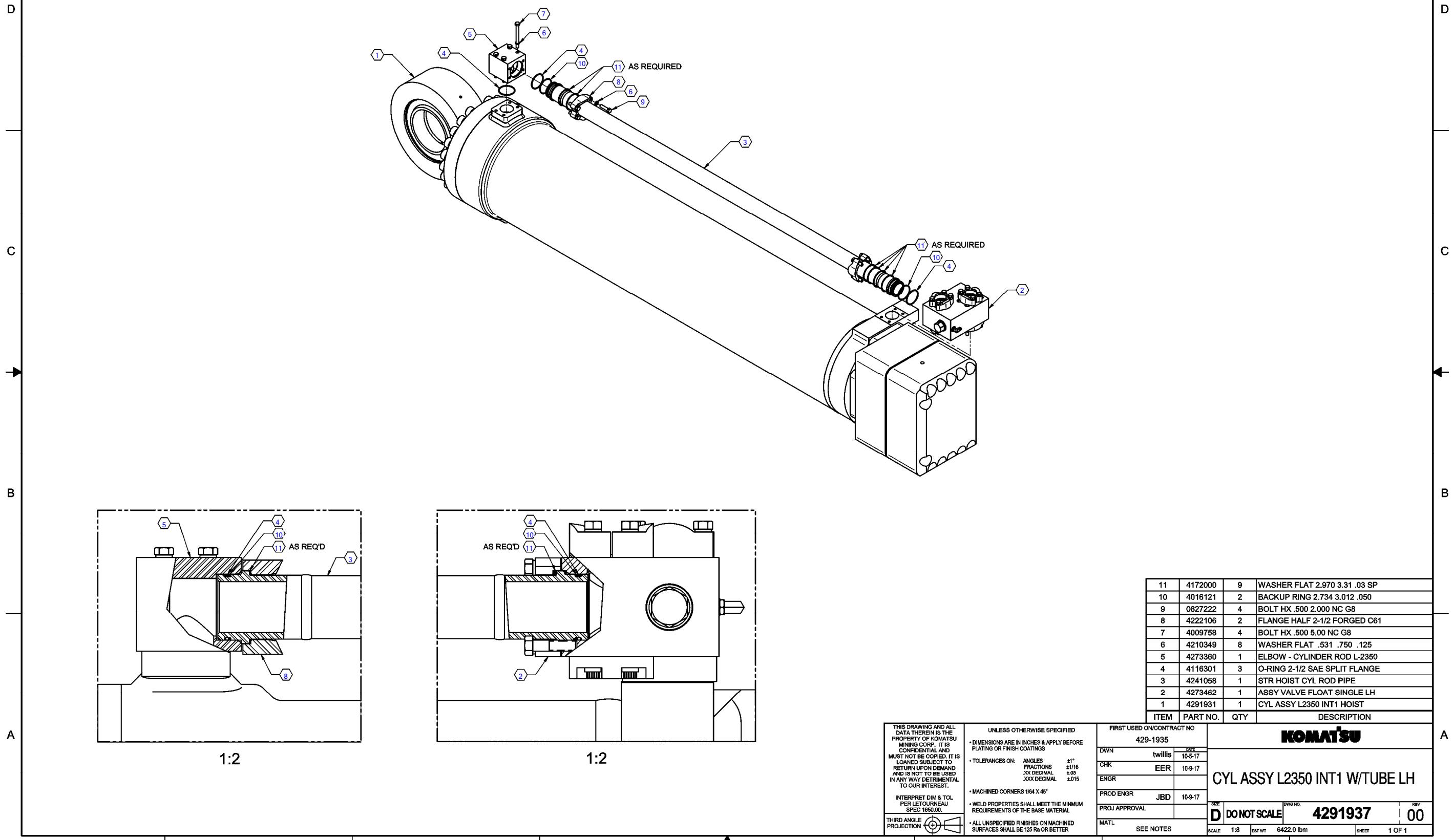
STEER CYLINDER ASSEMBLY

**L-2350-2242 PARTS MANUAL
STEER CYLINDER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4290011		STEER CYLINDER ASSEMBLY		
1	R4290640	1	· ROD, CYLINDER		
2	R4267893	8	· CAPSCREW, 5/8"-11 X 3" - SOCKET HD.		
3	R4290648	1	· RETAINER PLATE		
4	R4290647	1	· PACKING GLAND		
5	R4288795	1	· SEAL, ROD WIPER		
	R4291752	1	· SEAL KIT - PRIMARY		
6	N.P.N.	1	· · SEAL, ROD WIPER - SECONDARY		
7	N.P.N.	1	· · SEAL, U-CUP		
8	N.P.N.	1	· · SEAL, ROD		
9	N.P.N.	1	· · RING, BACK-UP		
10	N.P.N.	1	· · SEAL, QUAD RING		
11	N.P.N.	1	· · RING, BACK-UP		
12	N.P.N.	1	· · SEAL, QUAD RING		
13	R4273319	19	· CAPSCREW, 3/4"-10 X 4-1/2" - SOCKET HD.		
14	R4290649	1	· RETAINER PLATE		
15	R4290641	1	· HEAD		
16	R4290639	1	· PISTON		
	R4291753	1	· SEAL KIT - PISTON		
	R4291754	REF	· SEAL KIT - PISTON, .010 OVERSIZE		
	R4291755	REF	· SEAL KIT - PISTON, .020 OVERSIZE		
	R4291756	REF	· SEAL KIT - PISTON, .030 OVERSIZE		
17	N.P.N.	2	· · RING, BACK-UP		
18	N.P.N.	1	· · O-RING, 5-1/4" O.D.		
19	N.P.N.	2	· · RING, INGESTION		
20	N.P.N.	2	· · RING, WEAR		
21	N.P.N.	1	· · SEAL, PISTON		
22	R4288794	1	· SUPERNUT, 3-1/2"-8		
23	R4290646	1	· TUBE STRUCTURE, CYLINDER		
	REF		DRAWING, STEER CYLINDER ASSEMBLY (R429001104)		

HOIST CYLINDER ASSEMBLY WITH TUBE - L.H.

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1



HOIST CYLINDER ASSEMBLY WITH TUBE - L.H.

L-2350-2242 PARTS MANUAL
HOIST CYLINDER ASSEMBLY WITH TUBE - L.H.

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4291937		HOIST CYLINDER ASSEMBLY WITH TUBE - L.H.		
1	R4291931	1	· HOIST CYLINDER ASSEMBLY (PAGE 8.14-8.14C)		
2	R4273462	1	· FLOAT VALVE ASSEMBLY - LEFT HAND (PAGE 8.62-8.62A)		
3	R4241058	1	· PIPE STRUCTURE, HOIST CYLINDER ROD		
4	R4116301	3	· O-RING, 2-3/4" I.D. - POLYURETHANE		
5	R4273360	1	· ELBOW, CYLINDER ROD		
6	R4210349	8	· FLATWASHER, 1/2" - HARDENED		
7	R4009758	4	· BOLT, 1/2"-13 X 5"		
8	R4222106	2	· FLANGE HALF, 2-1/2"		
9	R0827222	4	· BOLT, 1/2"-13 X 2"		
10	R4016121	2	· RING, BACK-UP		
11	R4172000	9	· WASHER, SHIM - STEEL		
			DRAWING, HOIST CYLINDER ASSEMBLY - L.H. (R429193700)		

**L-2350-2242 PARTS MANUAL
HOIST CYLINDER ASSEMBLY WITH TUBE - L.H.**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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HOIST CYLINDER ASSEMBLY WITH TUBE - R.H.

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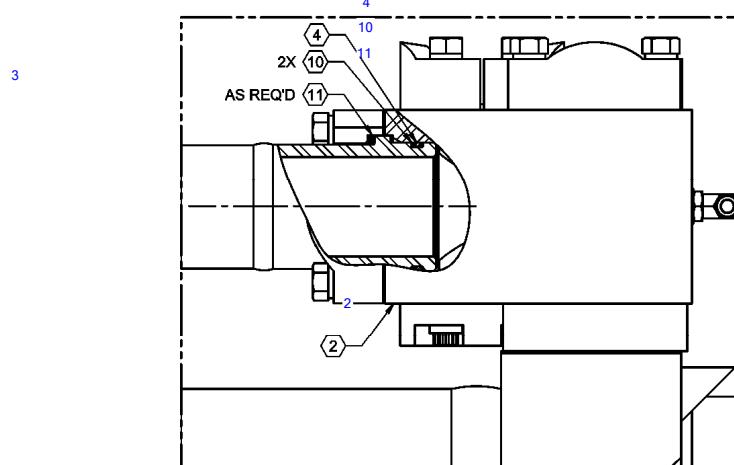
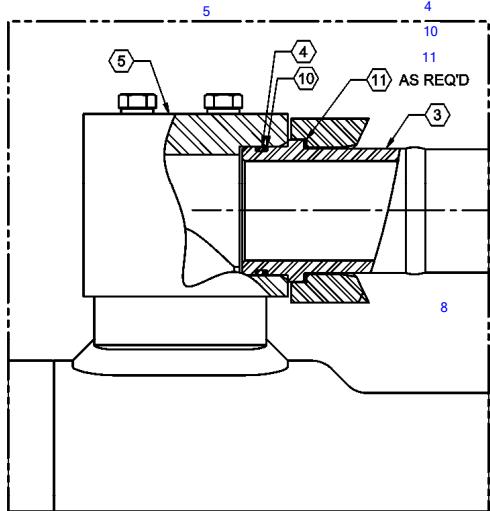
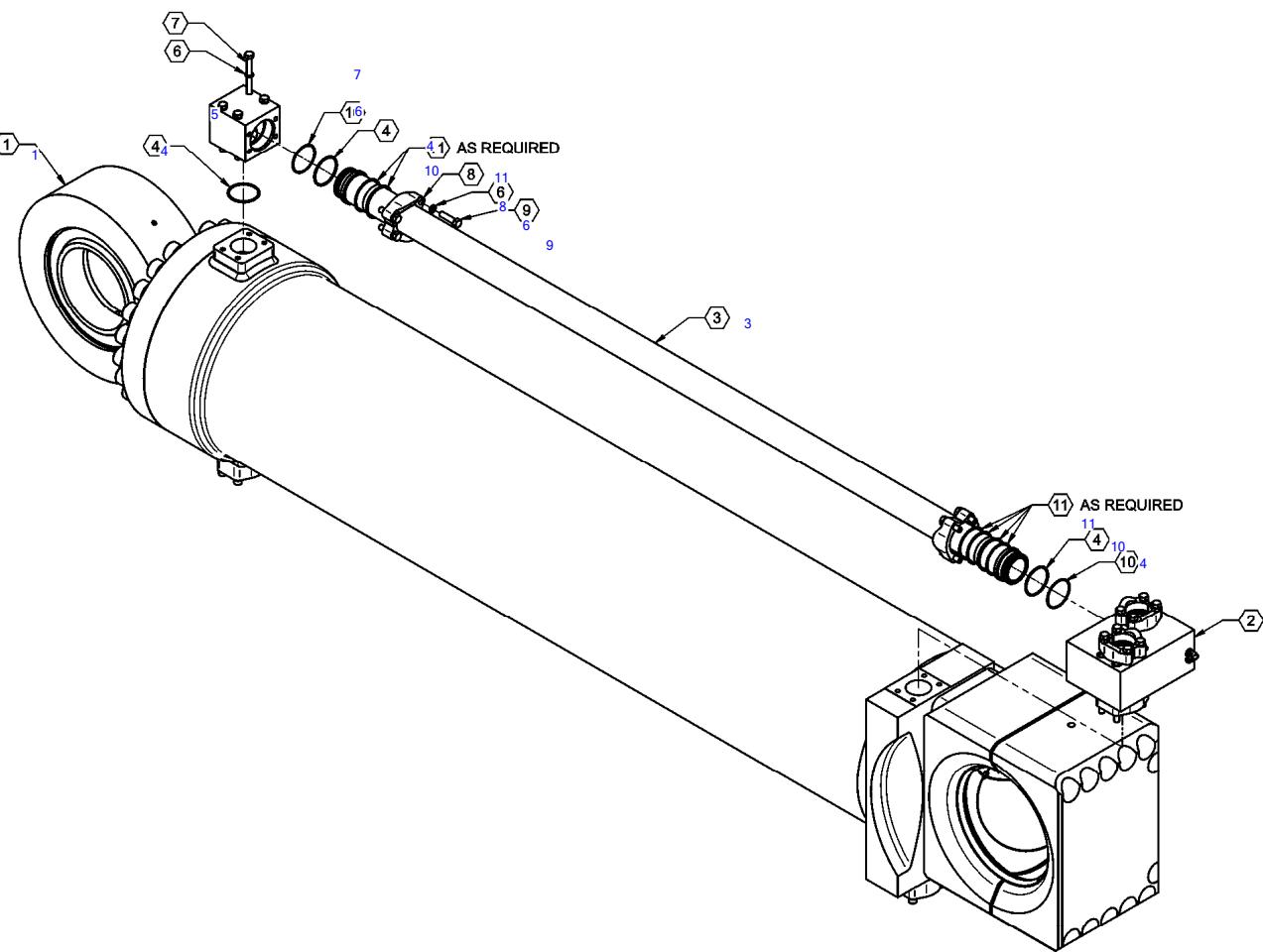
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Komatsu
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INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.
THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES & APPLY BEFORE PLATING OR FINISH COATINGS
• TOLERANCES ON ANGLES FRACTIONS $\pm 1^\circ$
XX DECIMAL $\pm .05$
XXX DECIMAL $\pm .015$
• MACHINED CORNERS 1/64 X 45°
• WELD PROPERTIES SHALL MEET THE MINIMUM REQUIREMENTS OF THE BASE MATERIAL
• ALL UNSPECIFIED FINISHES ON MACHINED SURFACES SHALL BE 125 Ra OR BETTER

ITEM	PART NO.	QTY	DESCRIPTION
11	4172000	9	WASHER FLAT 2.970 3.31 .03 SP
10	4016121	2	BACKUP RING 2.734 3.012 .050
9	0827222	4	BOLT HX .500 2.000 NC G8
8	4222106	2	FLANGE HALF 2-1/2 FORGED C61
7	4009758	4	BOLT HX .500 5.00 NC G8
6	4210349	8	WASHER FLAT .531 .750 .125
5	4273360	1	ELBOW - CYLINDER ROD L-2350
4	4116301	3	O-RING 2-1/2 SAE SPLIT FLANGE
3	4241058	1	STR HOIST CYL ROD PIPE
2	4273461	1	ASSY VALVE FLOAT SINGLE RH
1	4291931	1	CYL ASSY L2350 INT1 HOIST RH

KOMATSU

CYL ASSY L2350 INT1 W/TUBE RH

4291938

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8.14B.1|R4291938

HOIST CYLINDER ASSEMBLY WITH TUBE - R.H.

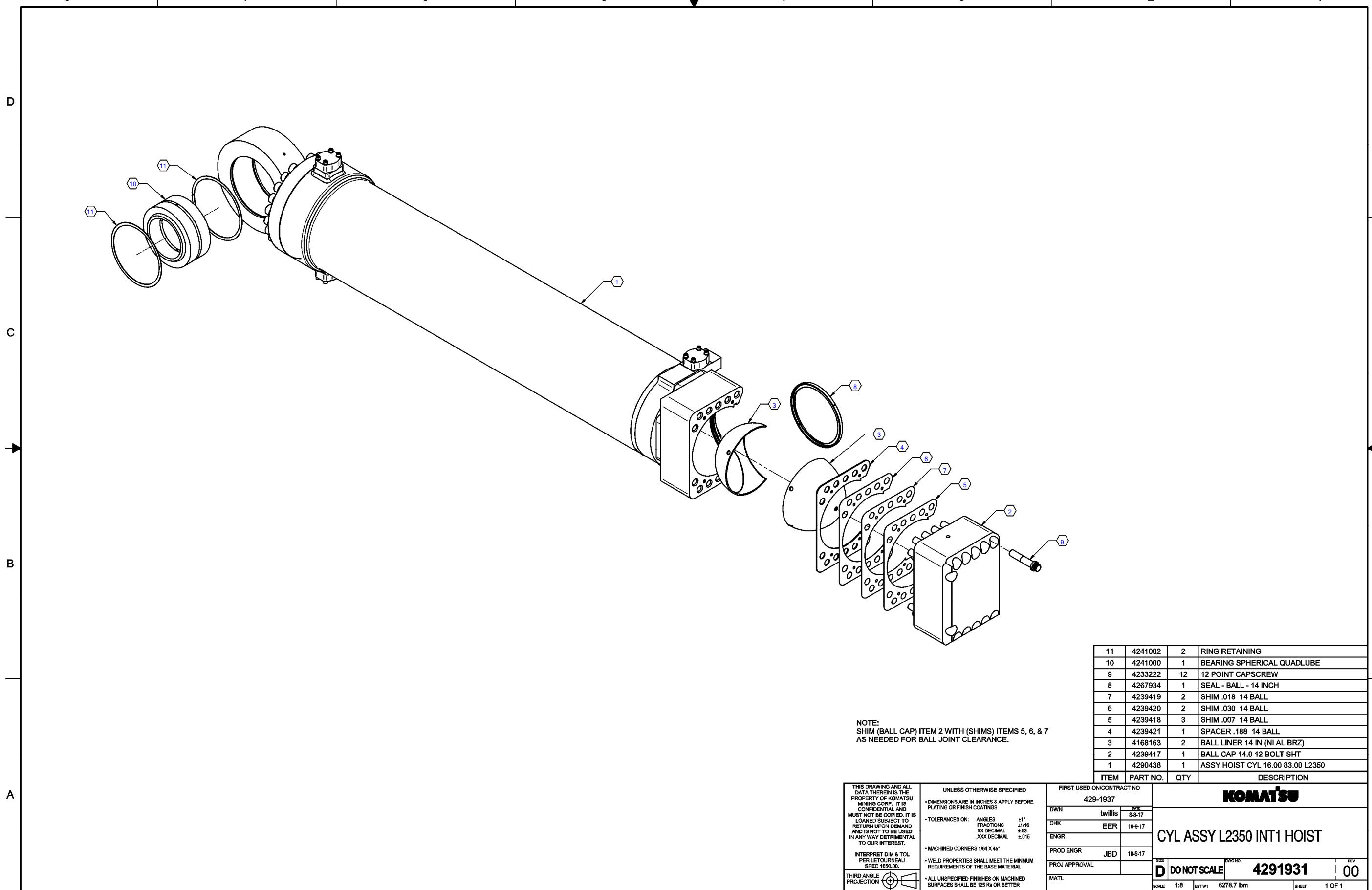
L-2350-2242 PARTS MANUAL
HOIST CYLINDER ASSEMBLY WITH TUBE - R.H.

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4291938		HOIST CYLINDER ASSEMBLY WITH TUBE - R.H.		
1	R4291931	1	· HOIST CYLINDER ASSEMBLY (PAGE 8.14-8.14C)		
2	R4273461	1	· FLOAT VALVE ASSEMBLY - RIGHT HAND (PAGE 8.60-8.60A)		
3	R4241058	1	· PIPE STRUCTURE, HOIST CYLINDER ROD		
4	R4116301	3	· O-RING, 2-3/4" I.D. - POLYURETHANE		
5	R4273360	1	· ELBOW, CYLINDER ROD		
6	R4210349	8	· FLATWASHER, 1/2" - HARDENED		
7	R4009758	4	· BOLT, 1/2"-13 X 5"		
8	R4222106	2	· FLANGE HALF, 2-1/2"		
9	R0827222	4	· BOLT, 1/2"-13 X 2"		
10	R4016121	2	· RING, BACK-UP		
11	R4172000	9	· WASHER, SHIM - STEEL		
			DRAWING, HOIST CYLINDER ASSEMBLY - R.H. (R429193800)		

**L-2350-2242 PARTS MANUAL
HOIST CYLINDER ASSEMBLY WITH TUBE - R.H.**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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HOIST CYLINDER ASSEMBLY



HOIST CYLINDER ASSEMBLY

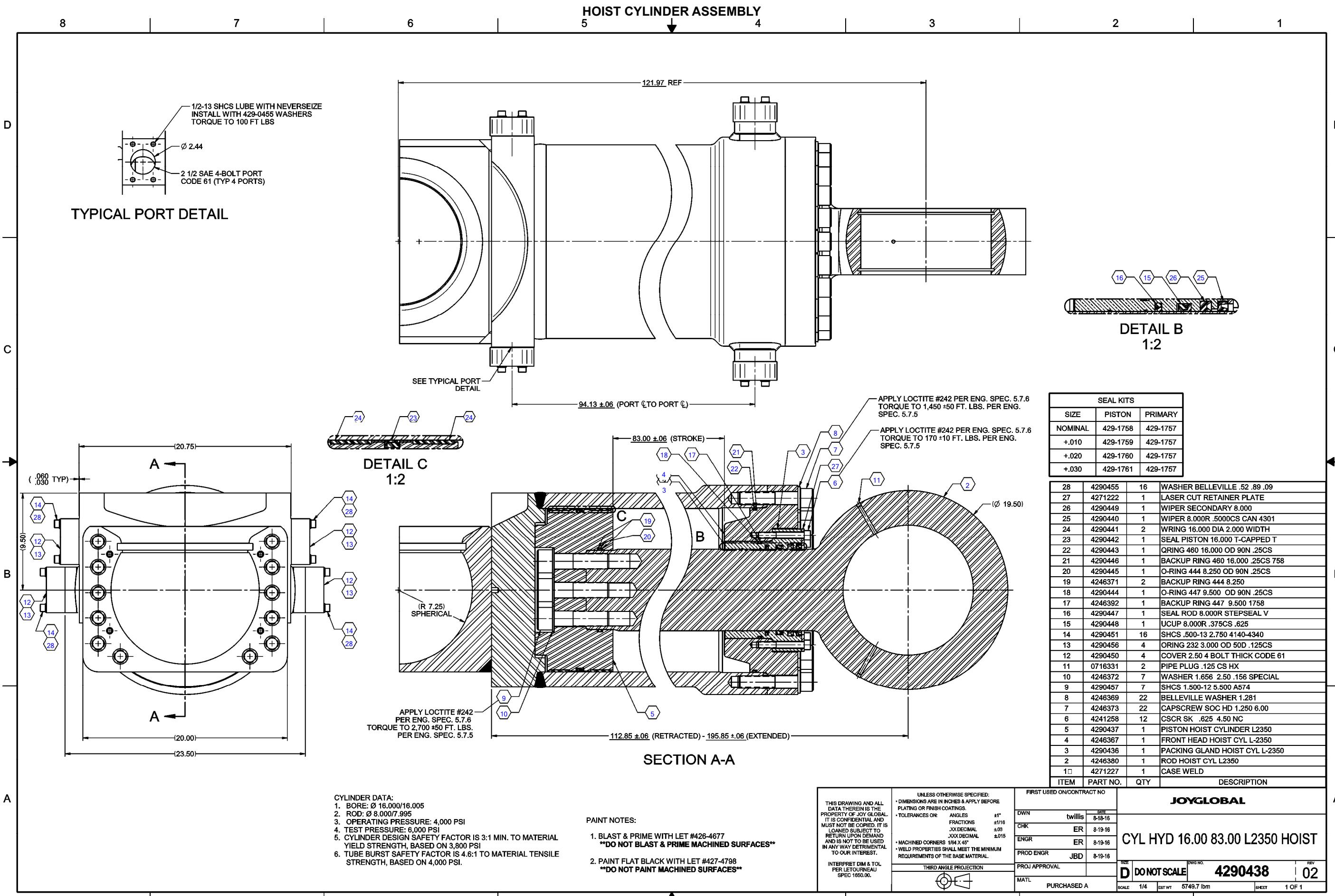
**L-2350-2242 PARTS MANUAL
HOIST CYLINDER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4291931		HOIST CYLINDER ASSEMBLY		
1	R4290438	1	· HOIST CYLINDER (PAGE 8.14-8.14D)		
2	R4239417	1	· CAP, BALL - 14", 12 BOLT		
3	R4168163	2	· LINER, BALL - HALF, 14"		
4	R4239421	1	· SPACER, 3/16"		
5	R4239418	3	· SHIM, .007"		
6	R4239420	2	· SHIM, .030"		
7	R4239419	2	· SHIM, .018"		
8	R4267934	1	· SEAL, BALL - 14" - NITRILE		
9	R4233222	12	· CAPSCREW, 1-1/4"-7 X 6"		
10	R4241000	1	· BUSHING, SELF-ALIGNING - 8-1/2" I.D. X 12-3/4" O.D.		
11	R4241002	2	· RING, RETAINING - INTERNAL - 13-3/8"		
			DRAWING, HOIST CYLINDER ASSEMBLY (R429193100)		

**L-2350-2242 PARTS MANUAL
HOIST CYLINDER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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HOIST CYLINDER ASSEMBLY

**L-2350-2242 PARTS MANUAL
HOIST CYLINDER ASSEMBLY**

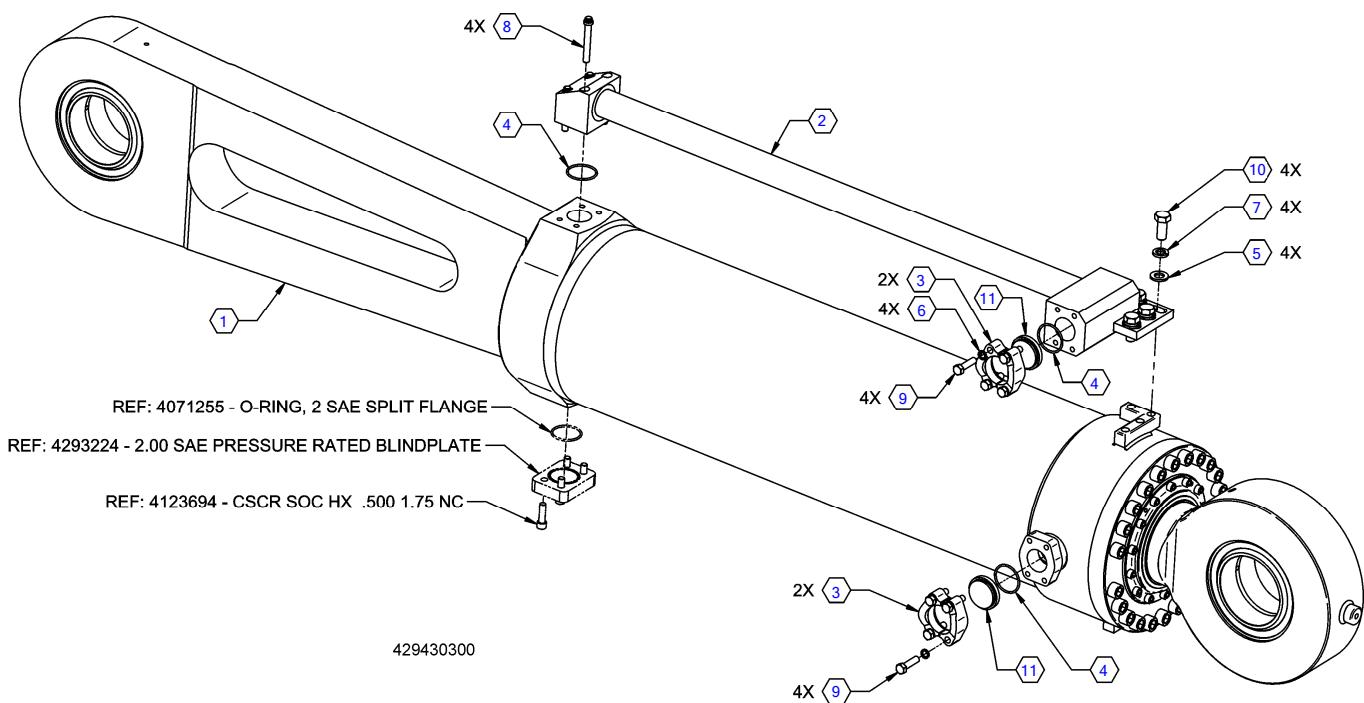
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4290438		HOIST CYLINDER ASSEMBLY		10/30/17
1	R4271227	1	· TUBE STRUCTURE, WITH SOCKET		
	R4239414	1	· · SOCKET, BALL - 14", 12 BOLT (SEE NOTE 2)		
2	R4246380	1	· ROD STRUCTURE		
3	R4290436	1	· PACKING GLAND		
4	R4246367	1	· HEAD		
5	R4290437	1	· PISTON		
6	R4241258	12	· CAPSCREW, 5/8"-11 X 4-1/2" - SOCKET HD.		
7	R4246373	22	· CAPSCREW, 1-1/4" X 6" - SOCKET HD.		
8	R4246369	22	· WASHER, 1-1/4"		
9	R4290457	7	· CAPSCREW, 1-1/2"-12 X 5-1/2" - SOCKET HD.		
10	R4246372	7	· WASHER, 1-5/8" X 2-1/2" X 1/8"		
11	R0716331	2	· PLUG, PIPE - 1/8", HEX CSK.		
12	R4290450	4	· COVER		
13	R4290456	4	· O-RING		
14	R4290451	16	· CAPSCREW, 1/2"-13 X 2-3/4" - SOCKET HD.		
15	R4290448	1	· SEAL, U-CUP		
16	R4290447	1	· SEAL, ROD		
17	R4246392	1	· RING, BACK-UP		
18	R4290444	1	· O-RING		
19	R4246371	2	· RING, BACK-UP		
20	R4290445	1	· O-RING		
21	R4290446	1	· RING, BACK-UP		
22	R4290443	1	· O-RING		
23	R4290442	1	· SEAL, PISTON		
24	R4290441	2	· RING, WEAR - PISTON		
25	R4290440	1	· RING, WEAR - PISTON		
26	R4290449	1	· WIPER, ROD		
27	R4271222	1	· RETAINER PLATE		
28	R4290455	16	· FLATWASHER, 1/2" I.D. X 7/8" O.D. X 3/32" - CONICAL		
			NOTE 1:		
	R4291757	REF	· SEAL KIT, CYLINDER TOP		
	R4291758	REF	· SEAL KIT, PISTON		
	R4291759	REF	· SEAL KIT, PISTON - .010 OVERSIZE		
	R4291760	REF	· SEAL KIT, PISTON - .020 OVERSIZE		
	R4291761	REF	· SEAL KIT, PISTON - .030 OVERSIZE		
			NOTE 2:		
			· FACTORY WELDING INSTALLATION PROCEDURES MUST BE FOLLOWED FOR INSTALLATION OF		
			· THESE SOCKETS AND FAILURE TO DO SO COULD DAMAGE THE MACHINE AND VOID ANY REMAINING		
			· WARRANTY. THESE PROCEDURES ARE PUBLISHED. PLEASE CONTACT YOUR JOY GLOBAL		
			· PRODUCT SUPPORT REPRESENTATIVE IF YOU HAVE ANY QUESTION OR NEED ASSISTANCE.		
			DRAWING, HOIST CYLINDER ASSEMBLY (R429043802)		10/30/17

**L-2350-2242 PARTS MANUAL
HOIST CYLINDER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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BUCKET CYLINDER ASSEMBLY WITH TUBE - L.H.



BUCKET CYLINDER ASSEMBLY WITH TUBE - L.H.

L-2350-2242 PARTS MANUAL
BUCKET CYLINDER ASSEMBLY WITH TUBE - L.H.

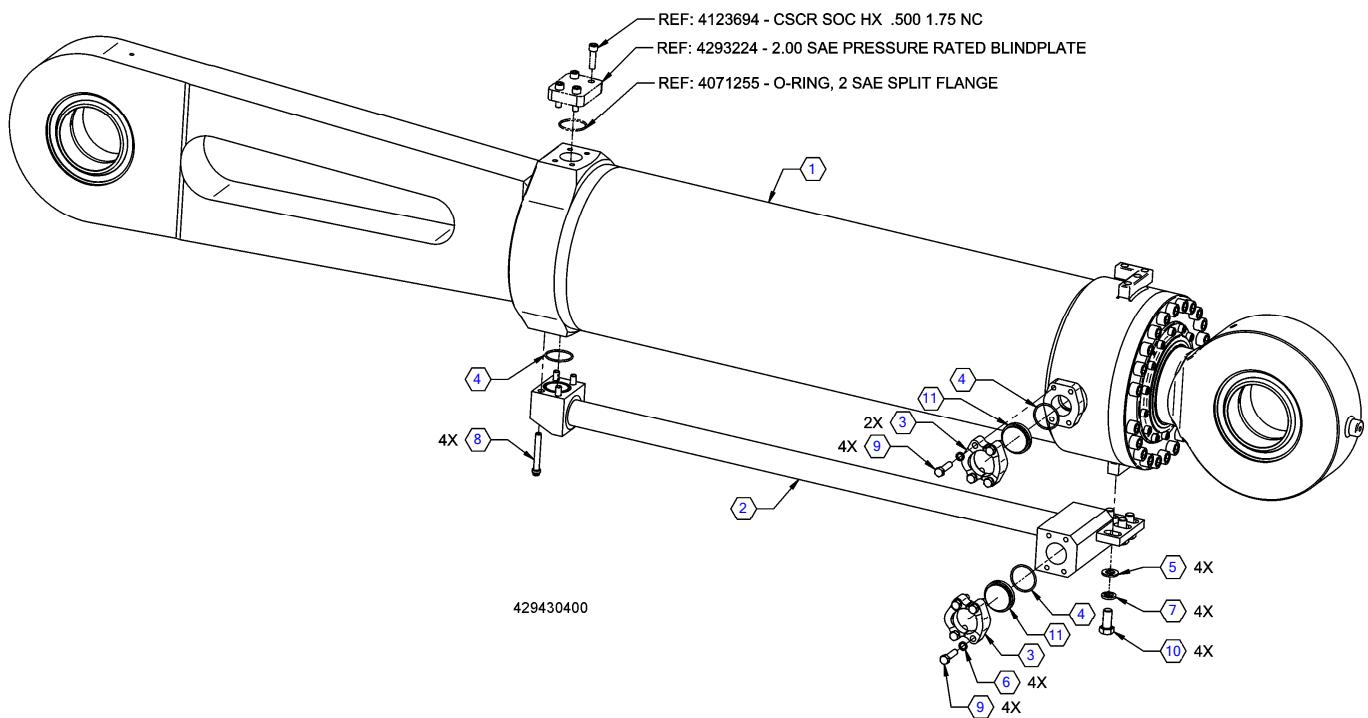
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4294303		BUCKET CYLINDER ASSEMBLY WITH TUBE - L.H.		
1	R4294302	1	· BUCKET CYLINDER ASSEMBLY - HIGH LIFT (PAGE 8.15-8.15C)		
2	R4141083	1	· PIPE STRUCTURE, BUCKET CYLINDER - L.H.		
3	R4186402	4	· FLANGE HALF, 2"		
4	R4071255	4	· O-RING, 2-1/4" I.D. - POLYURETHANE		
5	R4016046	4	· FLATWASHER, 3/4" X 1-1/2" X 1/8"		
6	R4210349	12	· FLATWASHER, 1/2" - HARDENED		
7	R0021542	4	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
8	R4152343	4	· CAPSCREW, 1/2"-13 X 3-1/2"		
9	R0827222	8	· BOLT, 1/2"-13 X 2"		
10	R4009524	4	· BOLT, 3/4"-10 X 1-3/4"		
11	R4008735	4	· PLUG, SF - 2"		
	REF		BUCKET CYLINDER ASSEMBLY WITH TUBE - L.H. (R429430300)		

**L-2350-2242 PARTS MANUAL
BUCKET CYLINDER ASSEMBLY WITH TUBE - L.H.**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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BUCKET CYLINDER ASSEMBLY WITH TUBE - R.H.



BUCKET CYLINDER ASSEMBLY WITH TUBE - R.H.

L-2350-2242 PARTS MANUAL
BUCKET CYLINDER ASSEMBLY WITH TUBE - R.H.

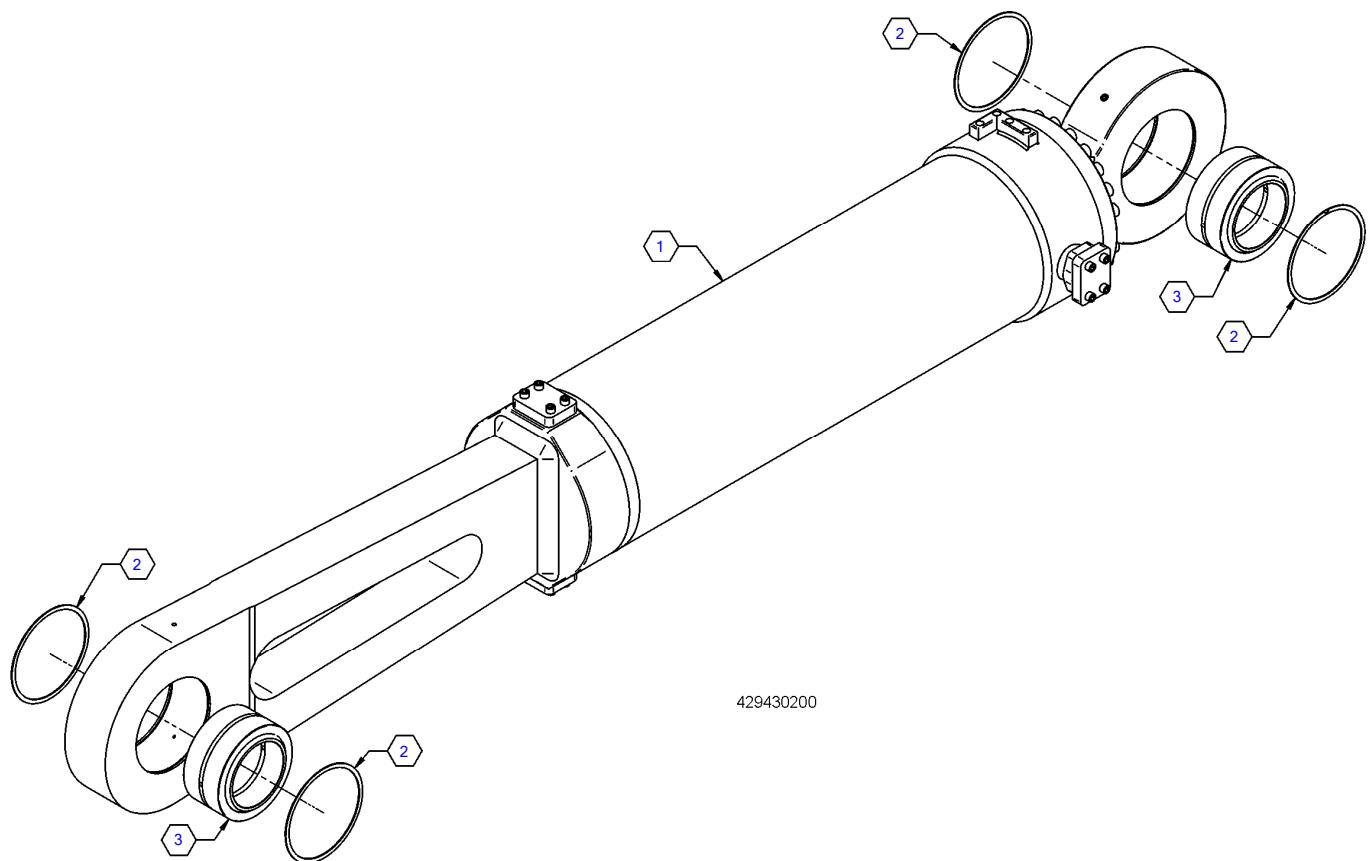
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4294304		BUCKET CYLINDER ASSEMBLY WITH TUBE - R.H.		
1	R4294302	1	· BUCKET CYLINDER ASSEMBLY - HIGH LIFT (PAGE 8.15-8.15C)		
2	R4141084	1	· PIPE STRUCTURE, BUCKET CYLINDER - R.H.		
3	R4186402	4	· FLANGE HALF, 2"		
4	R4071255	4	· O-RING, 2-1/4" I.D. - POLYURETHANE		
5	R4016046	4	· FLATWASHER, 3/4" X 1-1/2" X 1/8"		
6	R4210349	12	· FLATWASHER, 1/2" - HARDENED		
7	R0021542	4	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
8	R4152343	4	· CAPSCREW, 1/2"-13 X 3-1/2"		
9	R0827222	8	· BOLT, 1/2"-13 X 2"		
10	R4009524	4	· BOLT, 3/4"-10 X 1-3/4"		
11	R4008735	4	· PLUG, SF - 2"		
	REF		BUCKET CYLINDER ASSEMBLY WITH TUBE - R.H. (R429430400)		

**L-2350-2242 PARTS MANUAL
BUCKET CYLINDER ASSEMBLY WITH TUBE - R.H.**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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BUCKET CYLINDER ASSEMBLY



BUCKET CYLINDER ASSEMBLY

**L-2350-2242 PARTS MANUAL
BUCKET CYLINDER ASSEMBLY**

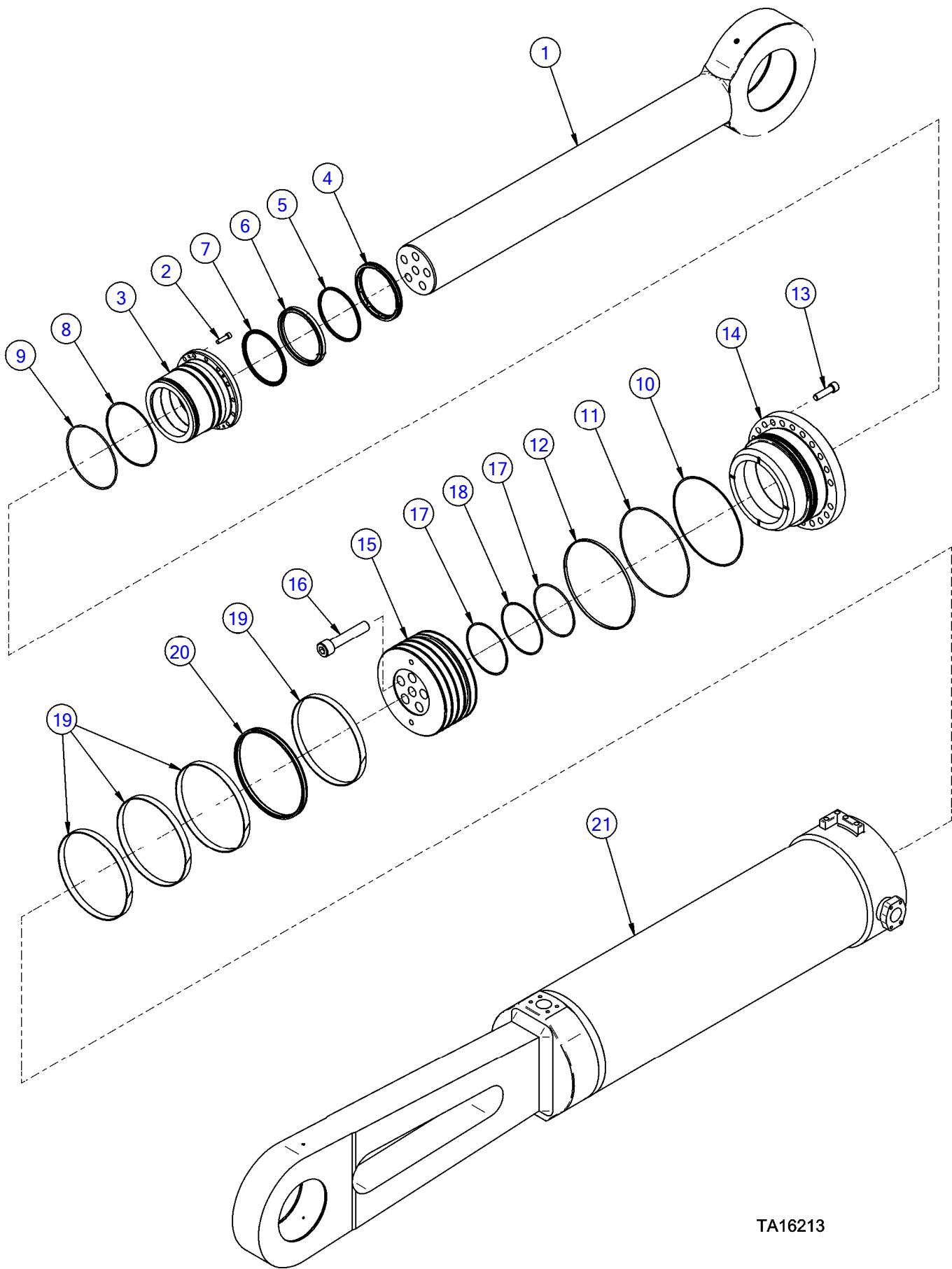
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4294302		BUCKET CYLINDER ASSEMBLY - HIGH LIFT		
1	R4290342	1	· BUCKET CYLINDER ASSEMBLY - HIGH LIFT		
2	R4093490	4	· RING, RETAINING - INTERNAL - 9" O.D.		
3	R6964139	2	· BUSHING, SELF-ALIGNING - 6" I.D. X 8-3/4" O.D.		
		REF	BUCKET CYLINDER ASSEMBLY (R429430200)		

**L-2350-2242 PARTS MANUAL
BUCKET CYLINDER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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BUCKET CYLINDER ASSEMBLY



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BUCKET CYLINDER ASSEMBLY

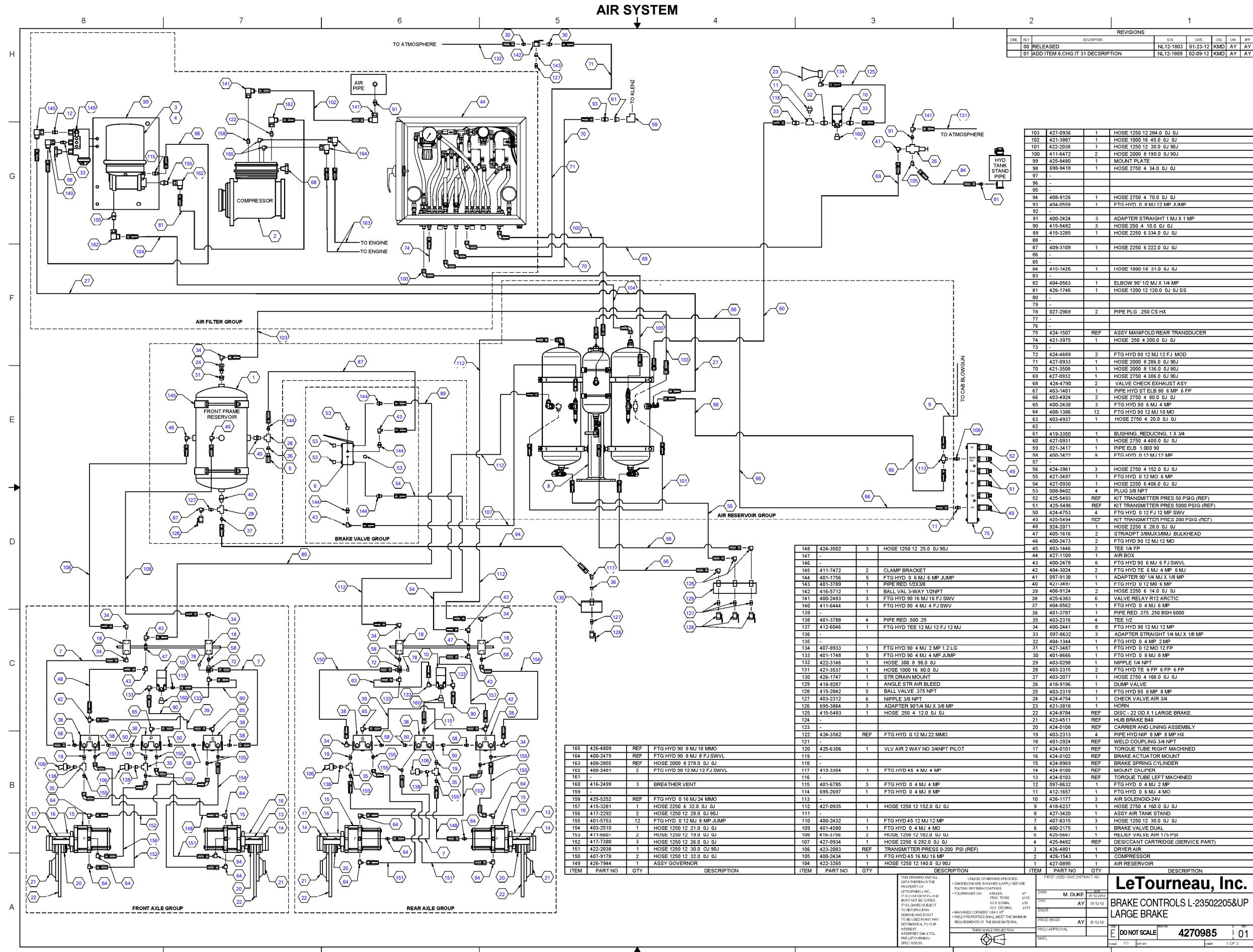
**L-2350-2242 PARTS MANUAL
BUCKET CYLINDER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4290342		BUCKET CYLINDER ASSEMBLY - HIGH LIFT		
1	R4246361	1	· ROD STRUCTURE		
2	R4287446	14	· CAPSCREW, 12MM X 1.75 X 45 - SOCKET HD.		
3	R4293214	1	· GLAND, PACKING		
	R4291996	1	· SEAL KIT - PRIMARY		
4	N.P.N.	1	· · WIPER, ROD		
5	N.P.N.	1	· · EXCLUDER		
6	N.P.N.	1	· · SEAL, U-CUP		
7	N.P.N.	1	· · SEAL, ROD BUFFER		
8	N.P.N.	1	· · RING, BACK-UP AND O-RING		
9	N.P.N.	1	· · SEAL, DUAL		
10	N.P.N.	1	· · RING, BACK-UP		
11	N.P.N.	1	· · O-RING		
12	N.P.N.	1	· · RING		
13	R4293228	23	· CAPSCREW, 20MM X 75 - SOCKET HD.		
14	R4293221	1	· CYLINDER TOP		
15	R4293216	1	· PISTON		
16	R4293227	6	· CAPSCREW, 33MM X 170 - SOCKET HD.		
	R4291997	1	· SEAL KIT- PISTON		
	R4291998	REF	· SEAL KIT- PISTON, .01 OVERSIZE		
	R4291999	REF	· SEAL KIT- PISTON, .02 OVERSIZE		
	R4292000	REF	· SEAL KIT- PISTON, .03 OVERSIZE		
17	N.P.N.	2	· · RING, BACK-UP		
18	N.P.N.	1	· · O-RING		
19	N.P.N.	4	· · RING, WEAR		
20	N.P.N.	1	· · SEAL, PISTON		
21	R4293226	1	· TUBE STRUCTURE		
	REF		BUCKET CYLINDER ASSEMBLY (R429034201)		

**L-2350-2242 PARTS MANUAL
BUCKET CYLINDER ASSEMBLY**

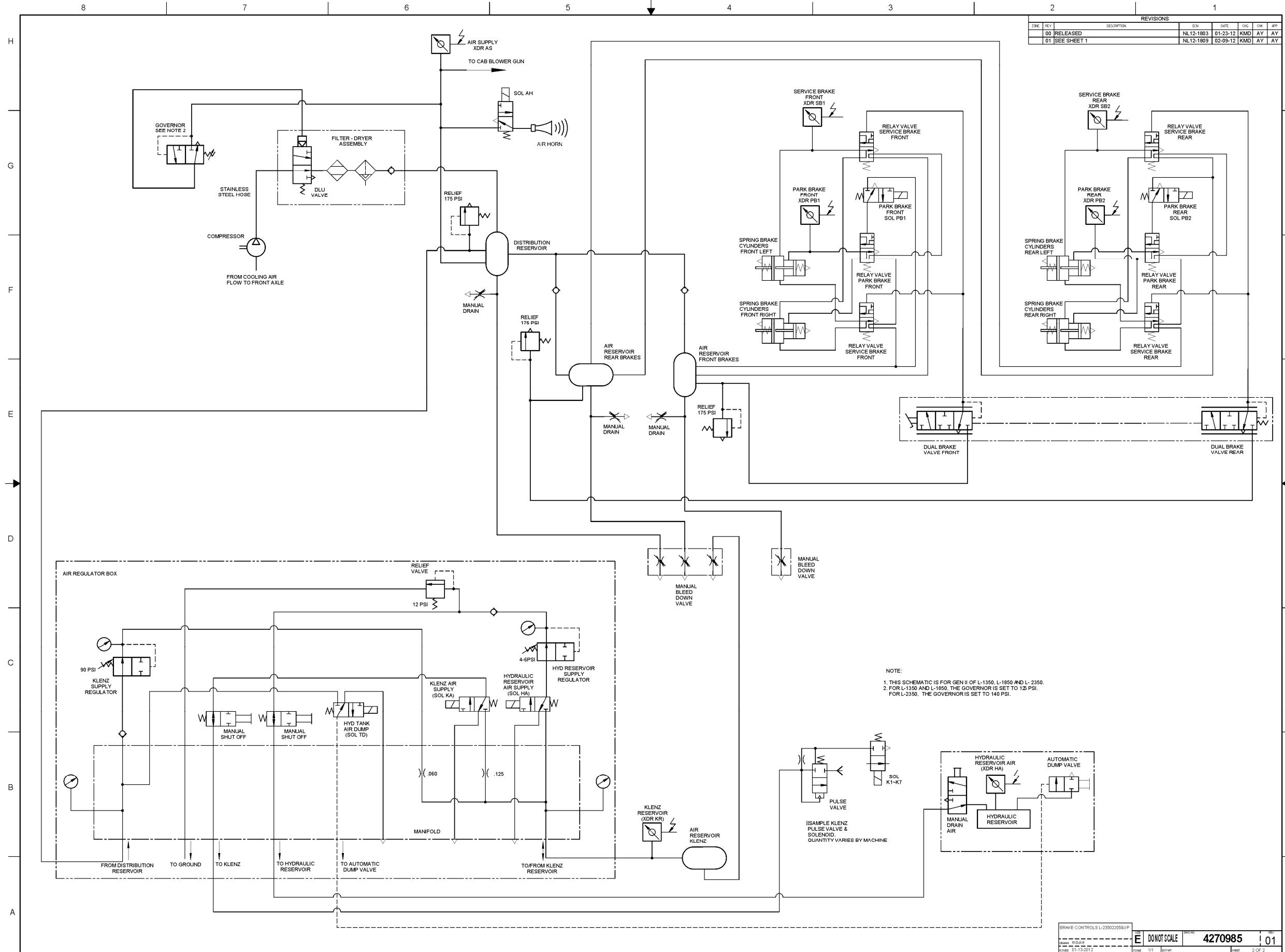
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AIR SYSTEM

AIR SYSTEM



AIR SYSTEM

**L-2350-2242 PARTS MANUAL
AIR SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date

NOTE: Many of the parts for factory-installed optional components are found in Section 9 of the Parts Catalog, which is titled "MISCELLANEOUS".

It is essential to verify the optional equipment on the machine and check the parts lists in Section 9 prior to ordering parts.

Should there be questions or need for additional information concerning parts for factory-installed options, contact the Joy Global Parts Sales Department before placing an order.

	R4279401		AIR SYSTEM		11/12/13
1	R4270895	1	· RESERVOIR, AIR - 10" O.D. X 30-3/4" - S.S.		
2	R4261543	1	· COMPRESSOR, AIR - 922, 31.6 CFM		
	R4270858	1	· · VALVE, SAFETY - 250 PSI, 16 MM X 1.5		
3	R4264801	1	· DRYER, AIR		
4	R4258482	1	· · DESICCANT CARTRIDGE		
	R4258492	1	· · HARNESS KIT, AIR DRYER		
	R4258491	1	· · COVER, EXHAUST		
	R4258490	1	· · VALVE, DELIVERY CHECK KIT		
	R4258484	1	· · HEATER AND THERMOSTAT KIT, 24V		
	R4258483	1	· · VALVE, PURGE KIT		
	R4261581	1	· · SPRING, PURGE VALVE		
	R4264800	1	· · MOUNT KIT		
	R4258485	1	· · DRYER, AIR		
	R4258493	1	· HOSE, EXHAUST - 1" I.D. X 60"		
	R0711253	1	· CLAMP, HOSE - WORM, 1-3/4"		
5	R4255667	3	· VALVE, RELIEF - 175 PSI		
6	R4274390	1	· VALVE, BRAKE		
	R4002175	1	· · VALVE, BRAKE		
	R4124937	1	· · · REPAIR KIT		
7	R4078315	3	· HOSE ASSEMBLY, #12 X 30"		
8	R4273420	1	· AIR TANK STAND ASSEMBLY (PAGE 8.47-8.47A)		
9	R4186237	1	· HOSE ASSEMBLY, #4 X 160"		
10	R4261177	3	· SOLENOID KIT, AIR - 24V		11/12/13
	R4039803	3	· · SOLENOID, AIR - 24V		11/12/13
	R4255415	3	· · RECEPTACLE, DT04-2P		11/12/13
	R4255416	3	· · WEDGE, W2P		11/12/13
	R4185763	6	· · PIN, CONTACT - 16		11/12/13
11	R4121657	1	· ADAPTER, #4 MO X #6 MJ		
12	R0978632	1	· ADAPTER, 1/8" MP X #4 MJ		
13	R4240103	REF	· TORQUE TUBE, L.H. (PAGE 8.21-8.21A)		
14	R4240105	REF	· CALIPER MOUNT		
15	R4248969	REF	· BRAKE, SPRING - CYLINDER (PAGE 8.21-8.21B)		
16	R4240102	REF	· ACTUATOR MOUNT, BRAKE		
17	R4240101	REF	· TORQUE TUBE, R.H.		
18	R4012924	REF	· COUPLING, WELD - 3/4"		
19	R4032313	4	· NIPPLE, PIPE - 1/2", HEX		
20	R4240108	REF	· BRAKE PAD		
21	R4234511	REF	· BRAKE HUB		
22	R4248784	REF	· BRAKE DISC, 22" O.D. X 1"		
23	R4213818	1	· HORN, AIR		
24	R4244754	1	· VALVE, CHECK - 3/4"		
25	R4032319	1	· ELBOW, 1/2" MP X 90 deg. X 1/2" MP		
26	R4189196	1	· VALVE, AIR - 2-WAY N.C.		
27	R4032077	1	· HOSE ASSEMBLY, #4 X 168"		
28	R4032315	2	· TEE, 3/8" FP		
29	R4030298	1	· NIPPLE, PIPE - 1/4", HEX		
30	R4018666	1	· ADAPTER, 1/2" MP X #8 MJ		
31	R4273487	1	· BUSHING, 3/4" FP X #12 MO		

**L-2350-2242 PARTS MANUAL
AIR SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
32	R4041344	1	· REDUCER, 1/8" MP X 1/4" MP		
33	R0978632	3	· ADAPTER, 1/8" MP X #4 MJ		
34	R4002441	8	· ELBOW, 3/4" MP X 90 deg. X #12 MJ		
35	R4032316	4	· TEE, 1/2" FP		
36	R4013787	1	· BUSHING, 1/4" FP X 3/8" MP		
37	R4040562	1	· ADAPTER, 3/8" MP X #4 MJ		
38	R4256383	6	· VALVE, RELAY - R12 BENDIX		
39	R4069124	2	· HOSE ASSEMBLY, #6 X 14"		
40	R4273497	1	· ADAPTER, #12 MO X 3/8" MP		
41	R0979138	1	· ELBOW, 1/8" MP X 90 deg. X #4 MJ - SWIVEL		
42	R4043024	2	· TEE, #6 MJ X 1/4" MP X #6 MJ		
43	R4002478	6	· ELBOW, #6 FJ X 90 deg. X #6 MJ - SWIVEL		
44	R4271109	1	· AIR BOX ASSEMBLY (PAGE 8.46-8.46A)		
45	R4031446	2	· TEE, 1/4" FP		
46	R4002473	2	· ELBOW, #12 MO X 90 deg. X #12 MJ - ADJ.		
47	R4051616	2	· ADAPTER, #6 MJ X #6 MJ - BULKHEAD		
48	R9242071	1	· HOSE ASSEMBLY, #6 X 28"		
49	R4255494	REF	· TRANSMITTER KIT, PRESSURE - 0-200 PSI		
	R4255489	REF	· · TRANSMITTER, PRESSURE - 0-200 PSI		
	R4255449	REF	· · CABLE ASSEMBLY, TURCK - 4-PIN 250V 0.9M		
50	R4244753	4	· ADAPTER, 3/4" MP X #12 FJ - SWIVEL		
51	R4255496	1	· TRANSMITTER KIT, PRESSURE - 5000 PSI		
	R4255491	1	· · TRANSMITTER, PRESSURE - 0-5000 PSI		
	R4255449	1	· · CABLE ASSEMBLY, TURCK - 4-PIN 250V 0.9M		
52	R4255493	1	· TRANSMITTER KIT, PRESSURE - 50 PSI		
	R4255488	1	· · TRANSMITTER, PRESSURE - 0-50 PSI		
	R4255449	1	· · CABLE ASSEMBLY, TURCK - 4-PIN 250V 0.9M		
53	R0088402	4	· PLUG, PIPE - 3/8", HEX CSK.		
54	R4270930	1	· HOSE ASSEMBLY, #6 X 406"		
55	R4273497	1	· ADAPTER, #12 MO X 3/8" MP		
56	R4243961	3	· HOSE ASSEMBLY, #4 X 152"		
57	N.P.N.		· NOT USED		
58	R4002422	9	· ADAPTER, 3/4" MP X #12 MJ		
59	R0213417	1	· ELBOW, 1" FP X 90 deg. X 1" FP		
60	R4270931	1	· HOSE ASSEMBLY, #4 X 400"		
61	R4193350	1	· BUSHING, 3/4" FP X 1" MP		
62	N.P.N.		· NOT USED		
63	R4034937	1	· HOSE ASSEMBLY, #4 X 20"		
64	R4081386	12	· ELBOW, #10 MO X 90 deg. X #12 MJ		
65	R4002438	3	· ELBOW, 1/4" MP X 90 deg. X #6 MJ		
66	R4034924	2	· HOSE ASSEMBLY, #4 X 80"		
67	R4031401	1	· ELBOW, 3/8" FP X 90 deg. X 3/8" MP		
68	R4244790	2	· VALVE ASSEMBLY, CHECK - EXHAUST		
69	R4270932	1	· HOSE ASSEMBLY, #4 X 306"		
70	R4213508	1	· HOSE ASSEMBLY, #8 X 136"		
71	R4270933	1	· HOSE ASSEMBLY, #8 X 286"		
72	R4244689	2	· ELBOW, #12 FJ X 90 deg. X #12 MJ		
73	N.P.N.		· NOT USED		
74	R4213975	1	· HOSE ASSEMBLY, #4 X 200"		
75	R4241507	REF	· TRANSDUCER MANIFOLD ASSEMMLBY, REAR		
	R4241115	REF	· · MANIFOLD ASSEMBLY, MAIN PUMPS		
	R4013779	REF	· · PLUG, PIPE - 1/4", HEX HD.		
	R4020770	REF	· · PLUG, #4 MO		
	R4255494	REF	· · TRANSMITTER KIT, PRESSURE - 0-200 PSI		7/20/12
	R4255489	REF	· · · TRANSMITTER, PRESSURE - 0-200 PSI		7/20/12
	R4255449	REF	· · · CABLE ASSEMBLY, TURCK - 4-PIN 250V 0.9M		7/20/12
	R4255493	REF	· · · TRANSMITTER KIT, PRESSURE - 50 PSI		7/20/12
	R4255488	REF	· · · TRANSMITTER, PRESSURE - 0-50 PSI		7/20/12

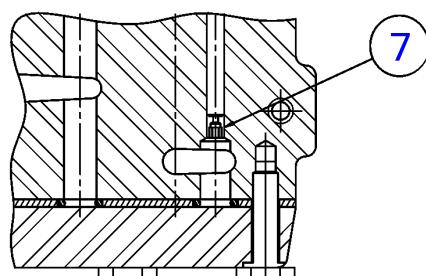
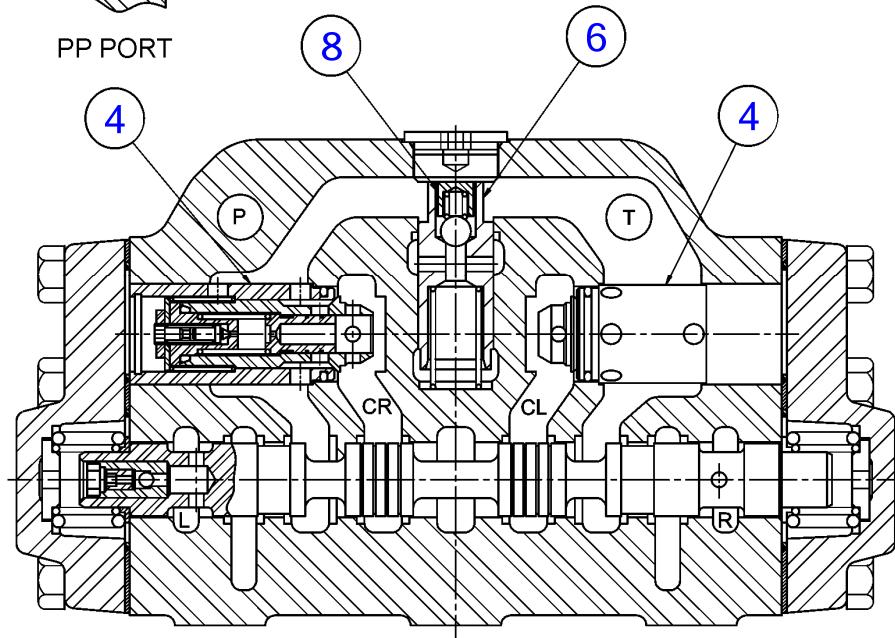
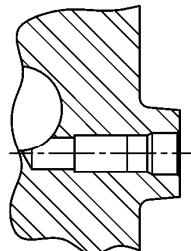
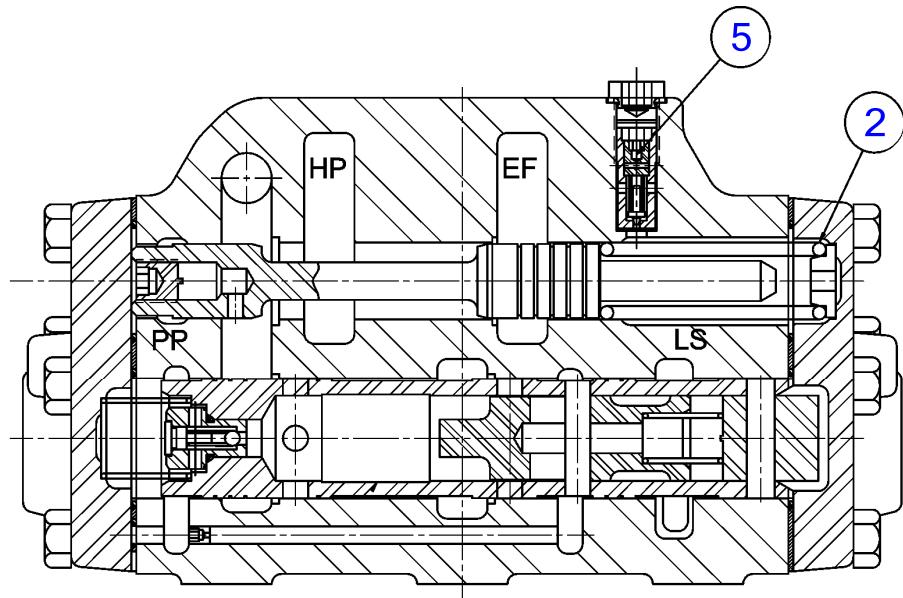
**L-2350-2242 PARTS MANUAL
AIR SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4255449	REF	· · · CABLE ASSEMBLY, TURCK - 4-PIN 250V 0.9M		7/20/12
	R4255496	REF	· · · TRANSMITTER KIT, PRESSURE - 5000 PSI		7/20/12
	R4255491	REF	· · · TRANSMITTER, PRESSURE - 0-5000 PSI		7/20/12
	R4255449	REF	· · · CABLE ASSEMBLY, TURCK - 4-PIN 250V 0.9M		7/20/12
76	N.P.N.		· NOT USED		
77	N.P.N.		· NOT USED		
78	R0272969	2	· PLUG, PIPE - 1/4", HEX CSK.		
79	N.P.N.		· NOT USED		
80	N.P.N.		· NOT USED		
81	R4261746	1	· HOSE ASSEMBLY, #12 X 120" - S.S.		
82	R4040563	1	· ELBOW, 1/4" MP X 90 deg. X #8 MJ		
83	N.P.N.		· NOT USED		
84	R4151426	1	· HOSE ASSEMBLY, #16 X 31"		
85	N.P.N.		· NOT USED		
86	N.P.N.		· NOT USED		
87	R4093109	1	· HOSE ASSEMBLY, #6 X 222"		
88	N.P.N.		· NOT USED		
89	R4153285	1	· HOSE ASSEMBLY, #6 X 334"		
90	R4155482	3	· HOSE ASSEMBLY, #4 X 10"		
91	R4002424	3	· ADAPTER, 1" MP X #16 MJ		
92	N.P.N.		· NOT USED		
93	R4040558	1	· ADAPTER, 3/4" MP X #8 MJ		
94	R4089126	1	· HOSE ASSEMBLY, #4 X 70"		
95	N.P.N.		· NOT USED		
96	N.P.N.		· NOT USED		
97	N.P.N.		· NOT USED		
98	R6989418	1	· HOSE ASSEMBLY, #4 X 34"		
99	R4258480	1	· MOUNT PLATE, AIR DRYER		
100	R4116472	2	· HOSE ASSEMBLY, #8 X 190"		
101	R4222038	1	· HOSE ASSEMBLY, #12 X 30"		
102	R4213887	1	· HOSE ASSEMBLY, #16 X 45"		
103	R4270936	1	· HOSE ASSEMBLY, #12 X 284"		
104	R4223265	1	· HOSE ASSEMBLY, #12 X 140"		
105	R4002434	1	· ELBOW, 1" MP X 45 deg. X #16 MJ		
106	R4232083	REF	· TRANSMITTER, PRESSURE - 0-200 PSI		
107	R4270934	1	· HOSE ASSEMBLY, #6 X 292"		
108	R4163756	2	· HOSE ASSEMBLY, #12 X 182"		
109	R4014580	1	· ADAPTER, #4 MO X #4 MJ		
110	R4002432	1	· ELBOW, 3/4" MP X 45 deg. X #12 MJ		
111	N.P.N.		· NOT USED		
112	R4270935	1	· HOSE ASSEMBLY, #12 X 152"		
113	N.P.N.		· NOT USED		
114	R6952697	1	· ADAPTER, 1/2" MP X #4 MJ		
115	R4016785	3	· ADAPTER, 1/4" MP X #4 MJ		
116	N.P.N.		· NOT USED		
117	R4193354	1	· ELBOW, 1/4" MP X 45 deg. X #4 MJ		
118	N.P.N.		· NOT USED		
119	N.P.N.		· NOT USED		
120	R4256306	1	· VALVE, AIR - 2-WAY, N.O. - 3/4" FP		
121	N.P.N.		· NOT USED		
122	R4243562	REF	· ADAPTER, 22 MMO X #12 MJ		
123	N.P.N.		· NOT USED		
124	N.P.N.		· NOT USED		
125	R4155483	1	· HOSE ASSEMBLY, #4 X 12"		
126	R6953864	3	· ELBOW, 3/8" MP X 90 deg. X #4 MJ		
127	R4032312	6	· NIPPLE, PIPE - 3/8", HEX		
128	R4152842	5	· VALVE, BALL - 3/8"		
129	R4189287	1	· MOUNT STRUCTURE, AIR BLEED VALVE		

**L-2350-2242 PARTS MANUAL
AIR SYSTEM**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
130	R4261747	1	· DRAIN MOUNT STRUCTURE		
131	R4213537	1	· HOSE ASSEMBLY, #16 X 80"		
132	R4223146	1	· HOSE ASSEMBLY, #8 X 98"		
133	R4011748	5	· ELBOW, 1/4" MP X 90 deg. X #4 MJ		
134	R4078933	1	· ELBOW, 1/8" MP X 90 deg. X #4 MJ X 1-3/16"		
135	N.P.N.		· NOT USED		
136	N.P.N.		· NOT USED		
137	R4126046	1	· TEE, #12 MJ X #12 FJ X #12 MJ		
138	R4013788	4	· BUSHING, 1/4" FP X 1/2" MP		
139	N.P.N.		· NOT USED		
140	R4116444	1	· ELBOW, #4 FJ X 90 deg. X #4 MJ - SWIVEL		
141	R4002483	3	· ELBOW, #16 FJ X 90 deg. X #16 MJ - SWIVEL		
142	R4165712	1	· VALVE, BALL - 3-WAY, 1/2"		
143	R4013789	1	· BUSHING, 3/8" FP X 1/2" MP		
144	R4011756	5	· ADAPTER, 3/8" MP X #6 MJ		
145	R4117472	2	· BRACKET, AIR RESERVOIR		
146	N.P.N.		· NOT USED		
147	N.P.N.		· NOT USED		
148	R4243502	3	· HOSE ASSEMBLY, #12 X 25"		
149	R4267944	1	· GOVERNOR MODULE ASSEMBLY		
	R4267943	1	· GOVERNOR		
	R4265902	3	· ADAPTER, 1/8" FP X 10 MMO		
150	R4079178	2	· HOSE ASSEMBLY, #12 X 32"		
151	R4222038	1	· HOSE ASSEMBLY, #12 X 30"		
152	R4177380	3	· HOSE ASSEMBLY, #12 X 26"		
153	R4116607	2	· HOSE ASSEMBLY, #12 X 19"		
154	R4032510	1	· HOSE ASSEMBLY, #12 X 21"		
155	R4015753	12	· ADAPTER, 1/2" MP X #12 MJ		
156	R4172292	2	· HOSE ASSEMBLY, #12 X 28"		
157	R4153281	1	· HOSE ASSEMBLY, #6 X 32"		
158	R4255252	REF	· ADAPTER, 27 MMO X #16 MJ		
159	N.P.N.		· NOT USED		
160	R4162499	3	· BREATHER, 1/4"-18		
161	N.P.N.		· NOT USED		
162	R4002481	2	· ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
163	R4082855	REF	· HOSE ASSEMBLY, #8 X 278"		
164	R4002479	REF	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		
165	R4264809	REF	· ELBOW, 18 MMO X 90 deg. X #8 MJ		
		REF	DIAGRAM AND SCHEMATIC, BRAKE CONTROLS (R427098501)		

STEERING VALVE ASSEMBLY



LS PORT

TA15883

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STEERING VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
STEERING VALVE ASSEMBLY**

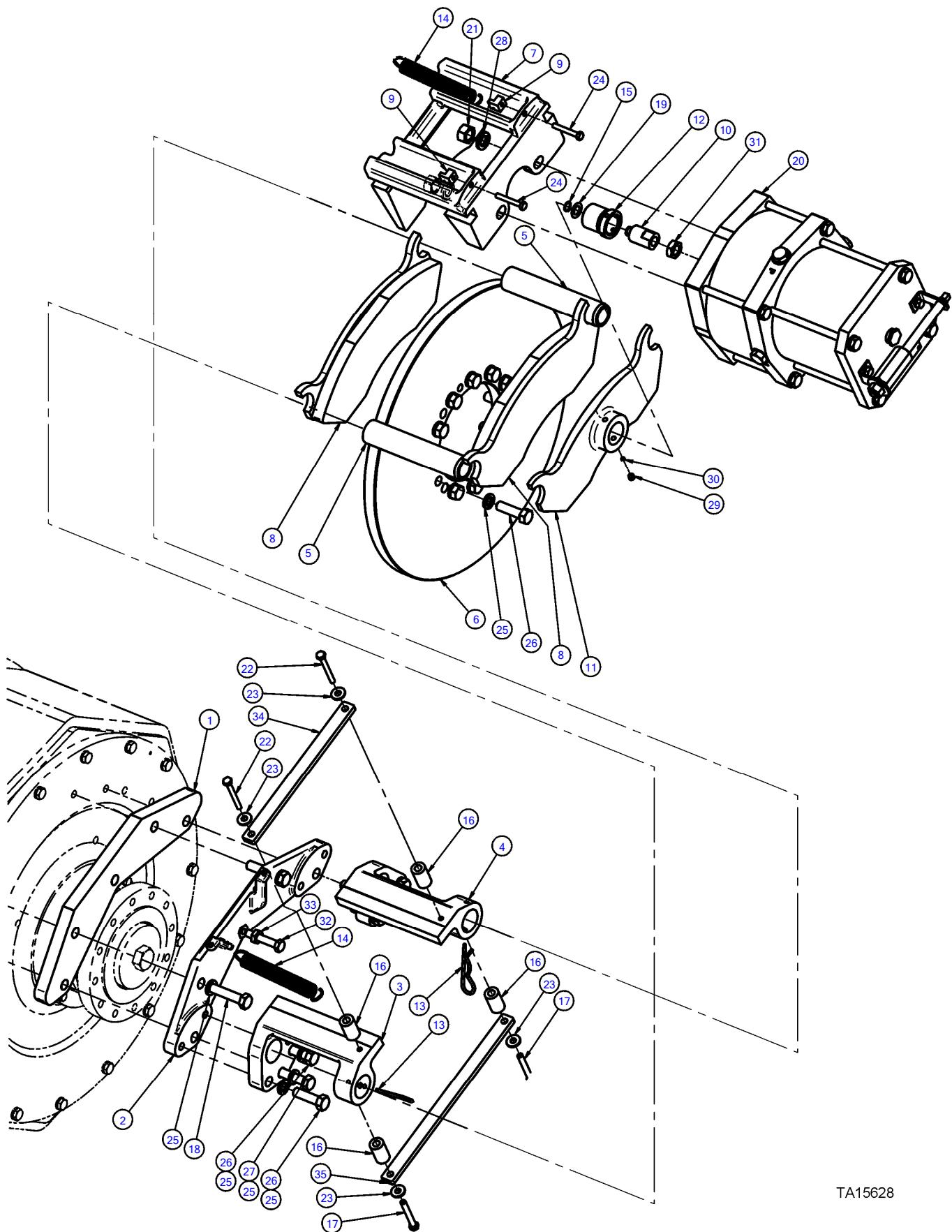
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270856	1	STEERING VALVE ASSEMBLY		7/18/14
1	R4116620	1	· SEAL KIT		
2	R4116639	1	· SPRING, VALVE - PRIORITY		
3	N.P.N.		· NOT USED		6/26/14
4	R4271024	1	· VALVE ASSEMBLY, CIRCUIT RELIEF - 4000 PSI		7/18/14
5	R4116624	1	· VALVE ASSEMBLY, MAIN RELIEF		
6	R4123564	1	· VALVE ASSEMBLY, COUNTER PRESSURE		
7	R4123704	1	· SCREW, ORIFICE		
8	R4123705	1	· PLUG		
9	R4278419	1	· SEAL KIT, SHOCK AND SUCTION VALVE		
	R4219622	REF	DANFOSS TEST BLOCK ASSEMBLY THE PROCEDURE TO PRESET YOUR SHOCK AND SUCTION VALVE USING THE DANFOSS TEST BLOCK ASSEMBLY CAN BE FOUND IN THE SERVICE MANUAL.		
		REF	DRAWING, STEERING VALVE ASSEMBLY (R427085607)		6/26/14

**L-2350-2242 PARTS MANUAL
STEERING VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AIR BRAKE CALIPER ASSEMBLY



TA15628

AIR BRAKE CALIPER ASSEMBLY

**L-2350-2242 PARTS MANUAL
AIR BRAKE CALIPER ASSEMBLY**

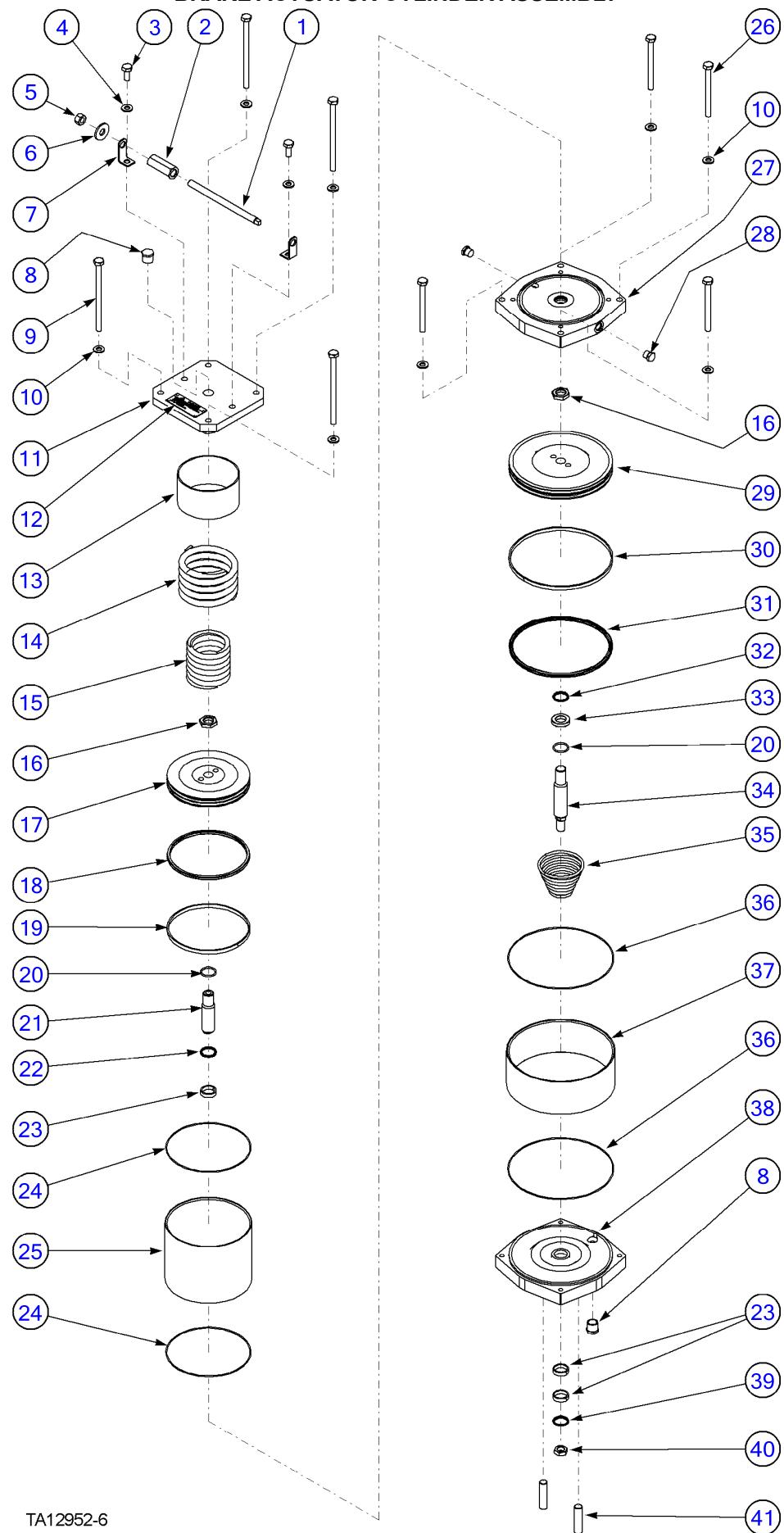
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4248971		BRAKE CALIPER ASSEMBLY		
1	R4248732	1	· SPACER, CALIPER MOUNT		
2	R4240105	1	· CALIPER MOUNT		
3	R4240101	1	· TORQUE TUBE, R.H.		
4	R4240103	1	· TORQUE TUBE, L.H.		
5	R4240110	2	· PIN, GUIDE		
6	R4248784	1	· BRAKE DISC, 22" O.D. X 1"		
7	R4240102	1	· ACTUATOR MOUNT, BRAKE		
8	R4240108	2	· BRAKE PAD		
9	R4248730	2	· MOUNTING BLOCK, SPRING		
	R4012947	2	· JAMNUT, 5/16"-18		6/21/18
10	R4240111	1	· BOSS, SWIVEL - 3/4"-16		
11	R4240107	1	· CLAMP PLATE, CALIPER		
12	R4241844	1	· SLEEVE, ADJUSTING		
13	R4240104	2	· PIN CLIP, SAFETY		
14	R4240109	2	· SPRING		
15	R0603123	1	· RING, RETAINING - EXTERNAL		
16	R4239307	4	· SPACER		
17	R4009644	2	· BOLT, 3/8"-16 X 2-3/4"		
18	R0021634	2	· BOLT, 5/8"-11 X 3"		
19	R4241845	1	· FLATWASHER, 5/8" X 1-1/16" X 1/16"		
20	R4248969	1	· BRAKE, SPRING - CYLINDER (PAGE 8.21-8.21B)		
21	R0021528	2	· NUT, 3/4"-16		
22	R4009645	2	· BOLT, 3/8"-16 X 3"		
23	R4223102	4	· FLATWASHER, 3/8" I.D. X 1" O.D. X 1/16" - CONICAL		
24	R4248733	2	· BOLT, 5/16"-18 X 2-1/4" - FULL THREAD		
25	R0021541	20	· LOCKWASHER, 5/8"		
26	R0021631	16	· BOLT, 5/8"-11 X 2-1/4"		
27	R0021641	2	· BOLT, 5/8"-11 X 4-1/2"		
28	R0021542	2	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
29	R0186429	1	· SETSCREW, 3/8"-16 X 3/8"		
30	R4102197	1	· INSERT, THREAD LOCKING - 1/4" DIA. X 1/8"		
31	R4256387	1	· JAMNUT, 3/4"-16		1/24/14
32	R4183718	1	· BOLT, 1/2"-13 X 2-3/4" - FULL THREAD		
33	R4013750	1	· JAMNUT, 1/2"-13		
34	R4255597	1	· BAR, RETAINER - SHORT		
35	R4239306	1	· BAR, RETAINER - LONG		
			DRAWING, AIR BRAKE CALIPER ASSEMBLY (R424897100)		

**L-2350-2242 PARTS MANUAL
AIR BRAKE CALIPER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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BRAKE ACTUATOR CYLINDER ASSEMBLY



TA12952-6

LeT-2778-04

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TA-12952
8.21B.1|R4248969

BRAKE ACTUATOR CYLINDER ASSEMBLY

L-2350-2242 PARTS MANUAL
BRAKE ACTUATOR CYLINDER ASSEMBLY

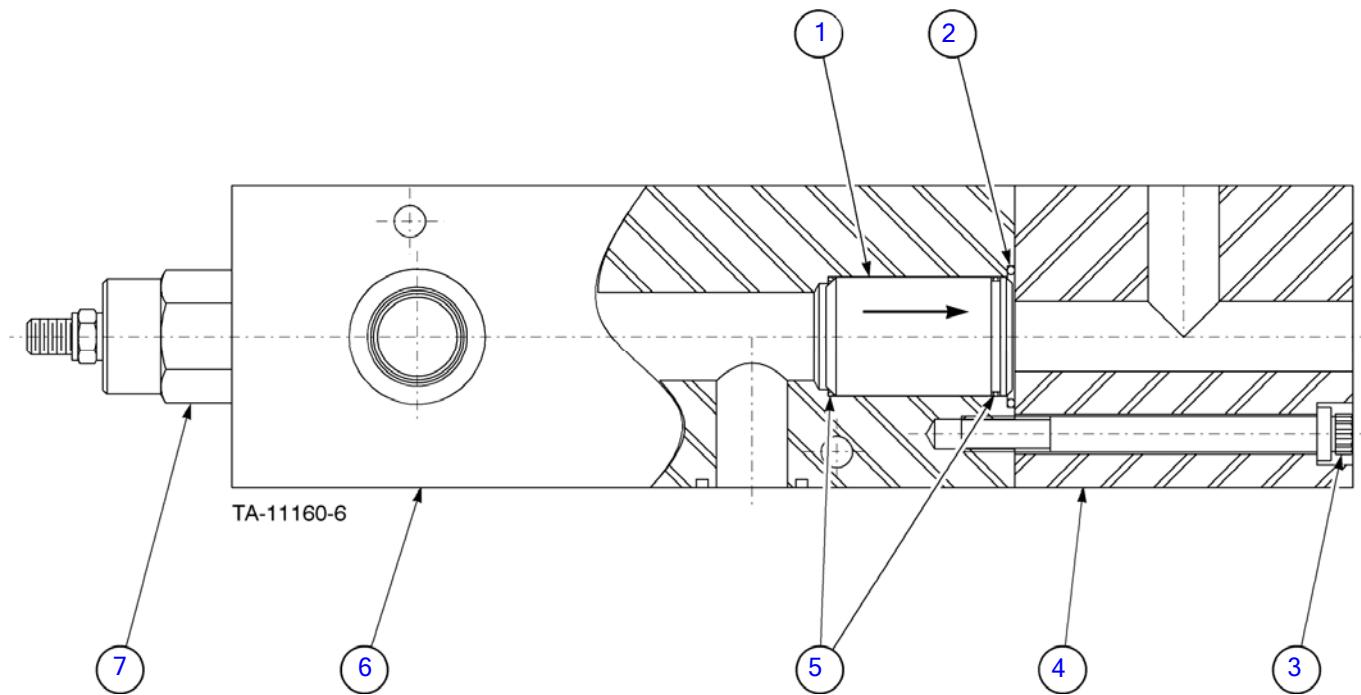
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4248969		BRAKE ACTUATOR CYLINDER ASSEMBLY		3/15/11
1	R4239176	1	· ROD, JACK - 5/8"-11		
2	R4239175	1	· NUT, JACK - 5/8"-11		
3	R0824766	2	· BOLT, 3/8"-16 X 1/2"		
4	R0753123	2	· LOCKWASHER, 3/8"		
5	R4010920	1	· NUT, 5/8"-11		
6	R0271979	1	· FLATWASHER, 5/8"		
7	R4239174	2	· BRACKET, MOUNT		
8	R4248749	2	· BREATHER		
9	R4222239	4	· BOLT, 1/2"-13 X 8"		
10	R0810991	8	· FLATWASHER, 1/2" X 1" X 1/8"		
11	R4248738	1	· END CAP, 8"		
12	R4239179	1	· PLATE, SAFETY - BRAKE SPRING		
	R4265150	REF	· LABEL, SAFETY - BRAKE SPRING - CHINESE		1/18/10
	R4271896	REF	· PLATE, SAFETY - BRAKE SPRING - CHINESE		3/15/11
	R4255464	REF	· PLATE, SAFETY - BRAKE SPRING - PORTUGUESE		3/31/10
	R4255460	REF	· PLATE, SAFETY - BRAKE SPRING - SPANISH		6/7/10
13	R4248746	1	· TUBE, STOP		
14	R4239166	1	· SPRING, HEAVY		
15	R4239167	1	· SPRING, BOOST		
16	R4248748	2	· JAMNUT, 1"-12		
17	R4248737	1	· PISTON, 8"		
18	R4256375	1	· SEAL, PISTON - 8"		2/5/09
19	R4248759	1	· RING, WEAR - PISTON, 8"		
20	R4256385	2	· O-RING		3/14/06
21	R4248745	1	· ROD, CYLINDER - REAR		
22	R4256374	1	· SEAL, ROD		3/14/06
23	R4248758	3	· RING, WEAR - ROD, 1-1/4"		
24	R4256381	2	· O-RING		3/14/06
25	R4248740	1	· TUBE, HOUSING - 8"		
26	R4222260	4	· BOLT, 1/2"-13 X 5-3/4"		
27	R4248968	1	· PLATE, SUPPORT - MIDDLE		
28	R4040566	4	· PLUG, #10 MO		
29	R4248736	1	· PISTON, 10"		
30	R4248760	1	· RING, WEAR - PISTON, 10"		
31	R4256373	1	· SEAL, PISTON - 10"		3/14/06
32	R4256384	1	· O-RING		3/14/06
33	R4248747	1	· SPACER, STOP		
34	R4248743	1	· ROD, CYLINDER - FRONT		
35	R4248752	1	· SPRING, RETURN		
36	R4256382	2	· O-RING		3/14/06
37	R4248742	1	· TUBE, HOUSING - 10"		
38	R4248734	1	· END CAP, 10"		
39	R4256380	1	· WIPER, ROD		3/14/06
40	R0506863	1	· JAMNUT, 3/4"-16		
41	R4239168	2	· STUD, MOUNTING - 3/4"-16 X 3"		
			NOTE:		
	R4256376		· SEAL KIT INCLUDES ITEMS:		3/14/06
			· 18, 19, 20, 22, 23, 24, 30, 31 32, 36 & 39		
	R4248795	REF	PRESS ASSEMBLY, BRAKE ACTUATOR CYLINDER	1	10/19/06
	R4248794	REF	· FRAME STRUCTURE, BRAKE PRESS	1	10/19/06
	R4248797	REF	· CYLINDER, PORTA POWER	1	10/19/06
	R4248796	REF	· PLATE, PUSH - BRAKE PRESS	1	10/19/06
	R4256461	REF	· SPACER, BRAKE PRESS	1	10/19/06

**L-2350-2242 PARTS MANUAL
BRAKE ACTUATOR CYLINDER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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STEERING JUNCTION VALVE ASSEMBLY



STEERING JUNCTION VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
STEERING JUNCTION VALVE ASSEMBLY**

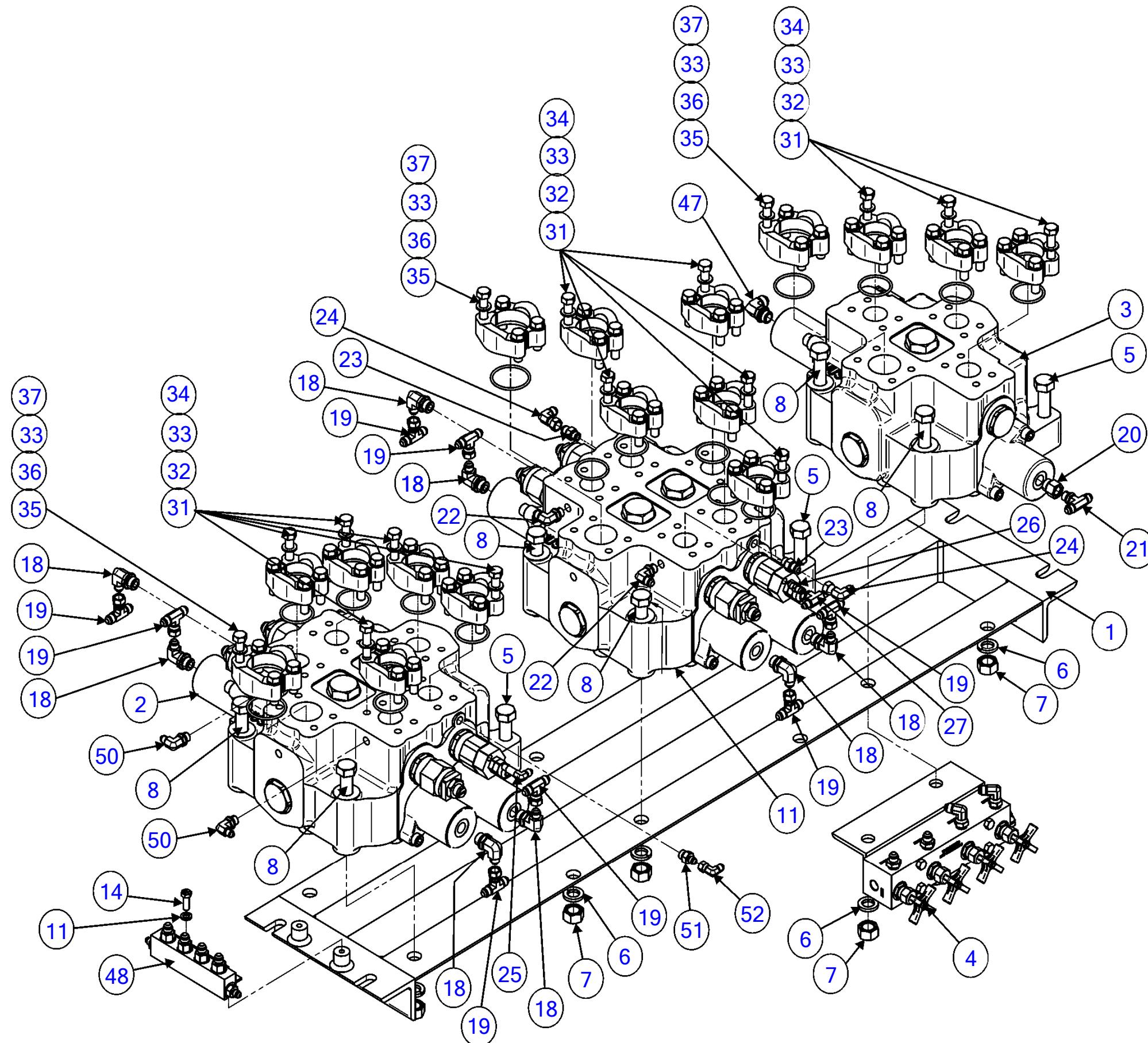
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4248914		STEERING JUNCTION VALVE ASSEMBLY		
1	R4138033	1	· VALVE, CHECK		
2	R4131587	1	· O-RING, 1-3/4" I.D. - POLYURETHANE		
3	R4001881	4	· CAPSCREW, 1/2"-13 X 5"		
4	R4248913	1	· HOUSING		
5	R4138036	2	· O-RING, 1-1/2" I.D. - POLYURETHANE		
6	R4238231	1	· HOUSING, WITH RELIEF VALVE MOUNT		
7	R4172123	1	· VALVE, RELIEF - VENTED		
			DRAWING, STEERING JUNCTION VALVE ASSEMBLY (R424891403)		

**L-2350-2242 PARTS MANUAL
STEERING JUNCTION VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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MAIN CONTROL VALVES ASSEMBLY



MAIN CONTROL VALVES ASSEMBLY

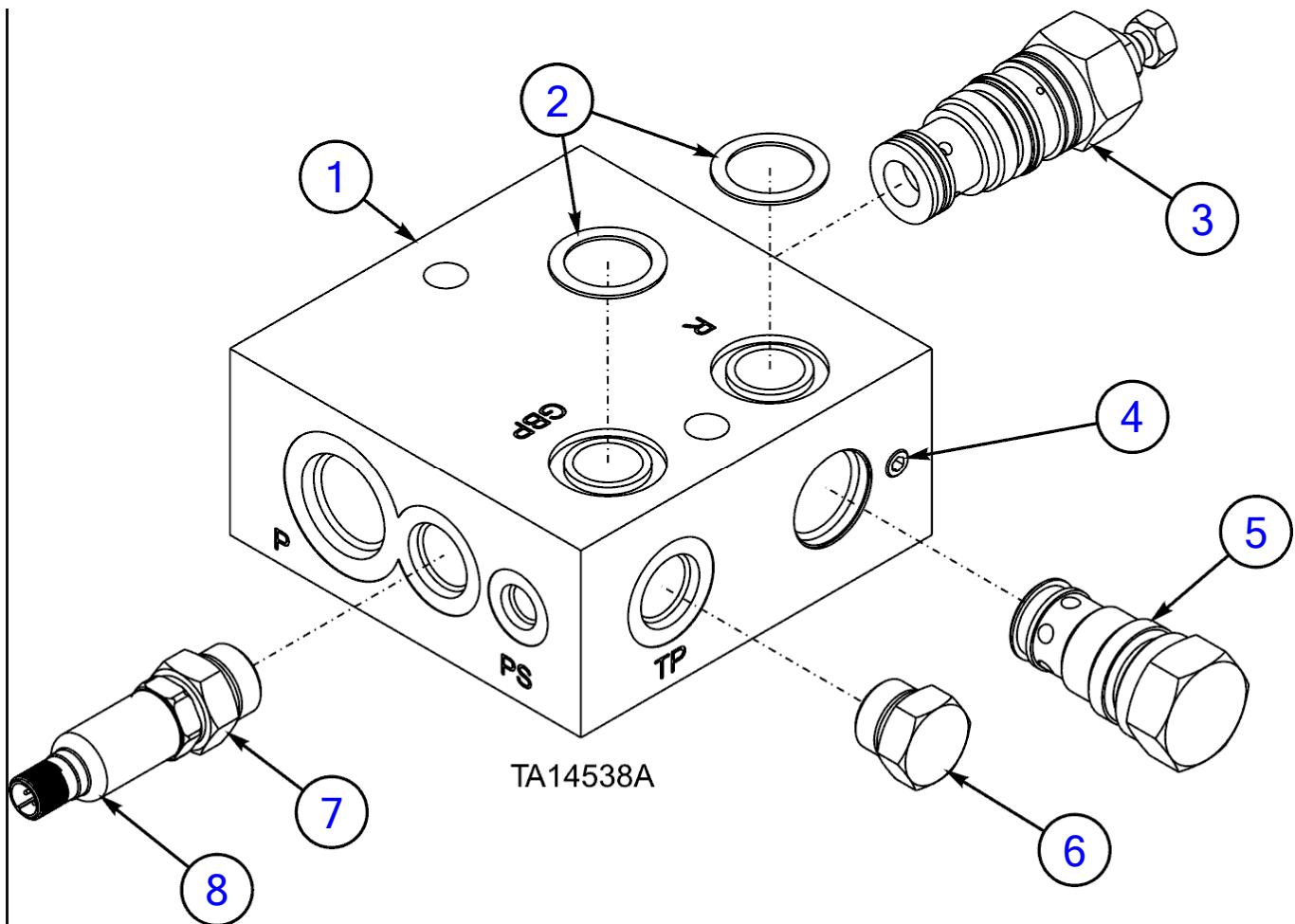
**L-2350-2242 PARTS MANUAL
MAIN CONTROL VALVES ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4261354		MAIN CONTROL VALVES ASSEMBLY		
1	R4241493	1	· MOUNT STRUCTURE, MAIN VALVE		
2	R4248685	2	· VALVE, CONTROL - DUAL (PAGE 8.3-8.3A)		
3	R4248686	1	· VALVE, CONTROL - SINGLE (PAGE 8.4-8.4A)		
4	R4270957	1	· VALVE ASSEMBLY, MAIN BLEED		
	R4248840	1	· · VALVE ASSEMBLY, MAIN BLEED		
	R4284602	1	· · · SEAL KIT, BLEED VALVE		2/9/16
	R4284603	4	· · · VALVE, NEEDLE CARTRIDGE		2/9/16
	R4011756	2	· · ADAPTER, 3/8" MP X #6 MJ		
	R4013787	2	· · BUSHING, 1/4" FP X 3/8" MP		
	R4002439	1	· · ELBOW, 3/8" MP X 90 deg. X #8 MJ		
	R4002438	2	· · ELBOW, 1/4" MP X 90 deg. X #6 MJ		
	R4261634	1	· · MOUNT, BLEED VALVE		
	R0801173	4	· · BOLT, 3/8" X 3-1/4"		
	R0753123	4	· · LOCKWASHER, 3/8"		
	R0812921	4	· · NUT, 3/8"-16		
5	R0021651	3	· BOLT, 3/4"-10 X 3-3/4"		
6	R0021542	9	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
7	R0021527	9	· NUT, 3/4"-10		
8	R0021657	6	· BOLT, 3/4"-10 X 5-1/2"		
9	N.P.N.		· NOT USED		
10	N.P.N.		· NOT USED		
11	R0753123	2	· LOCKWASHER, 3/8"		
12	N.P.N.		· NOT USED		
13	N.P.N.		· NOT USED		
14	R0810971	2	· BOLT, 3/8"-16 X 1"		
15	N.P.N.		· NOT USED		
16	N.P.N.		· NOT USED		
17	N.P.N.		· NOT USED		
18	R4017400	8	· ELBOW, #8 MO X 90 deg. X #6 MJ - ADJ.		
19	R4177038	8	· TEE, #6 MJ X #6 FJ		
20	R4103836	1	· REDUCER, #6 FO X #8 MO		
21	R4043032	1	· TEE, #6 MJ X #6 MO X #6 MJ		
22	R4002470	2	· ELBOW, #6 MO X 90 deg. X #6 MJ - ADJ.		
23	R4002454	2	· ADAPTER, #6 MO X #6 MJ		
24	R4002478	2	· ELBOW, #6 FJ X 90 deg. X #6 MJ - SWIVEL		
25	R6947581	1	· ELBOW, 1/8" MP X 90 deg. X #4 MJ X 1-1/2" LONG		
26	R4030297	1	· ADAPTER, 1/8" MP X 1/8" MP		
27	R4261628	1	· TEE, #4 MJ X #4 MJ X 2 FP		
28	N.P.N.		· NOT USED		
29	N.P.N.		· NOT USED		
30	N.P.N.		· NOT USED		
31	R4068358	13	· O-RING, 1-7/8" I.D. - POLYURETHANE		
32	R4186401	26	· FLANGE HALF, 1-1/2"		
33	R4210349	64	· FLATWASHER, 1/2" - HARDENED		
34	R0827222	52	· BOLT, 1/2"-13 X 2"		
35	R4071255	3	· O-RING, 2-1/4" I.D. - POLYURETHANE		
36	R4186402	6	· FLANGE HALF, 2"		
37	R0824790	12	· BOLT, 1/2"-13 X 1-3/4"		
38	N.P.N.		· NOT USED		
39	N.P.N.		· NOT USED		
40	N.P.N.		· NOT USED		
41	N.P.N.		· NOT USED		
42	N.P.N.		· NOT USED		
43	N.P.N.		· NOT USED		
44	N.P.N.		· NOT USED		
45	N.P.N.		· NOT USED		
46	N.P.N.		· NOT USED		

**L-2350-2242 PARTS MANUAL
MAIN CONTROL VALVES ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
47	R4002471	1	· ELBOW, #8 MO X 90 deg. X #8 MJ - ADJ.		
48	R4273449	1	· MANIFOLD ASSEMBLY, MAIN VALVE		
	R4273443	1	· · MANIFOLD ASSEMBLY, MAIN VALVES		
	R4261627	4	· · VALVE, CHECK - #6 MO X #6 MJ		
	R4039499	1	· · ADAPTER, #6 MO X #4 MJ		
	R4261624	1	· · ADAPTER, #6 MO X #4 MJ - WITH ORIFICE		
	R4273450	1	· · MOUNT BRACKET, MANIFOLD		
	R0506807	2	· · LOCKWASHER, 1/4" - EXTERNAL, TOOTH		
	R0817104	2	· · SCREW, 1/4"-20 X 1 1/2"		
50	R4040552	2	· ELBOW, #6 MO X 90 deg. X #4 MJ		
51	R4039499	1	· ADAPTER, #6 MO X #4 MJ		
52	R4116444	1	· ELBOW, #4 FJ X 90 deg. X #4 MJ - SWIVEL		
		REF	DRAWING, MAIN VALVES ASSEMBLY (R426135404)		

GEARBOX CONTROL VALVE ASSEMBLY



GEARBOX CONTROL VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
GEARBOX CONTROL VALVE ASSEMBLY**

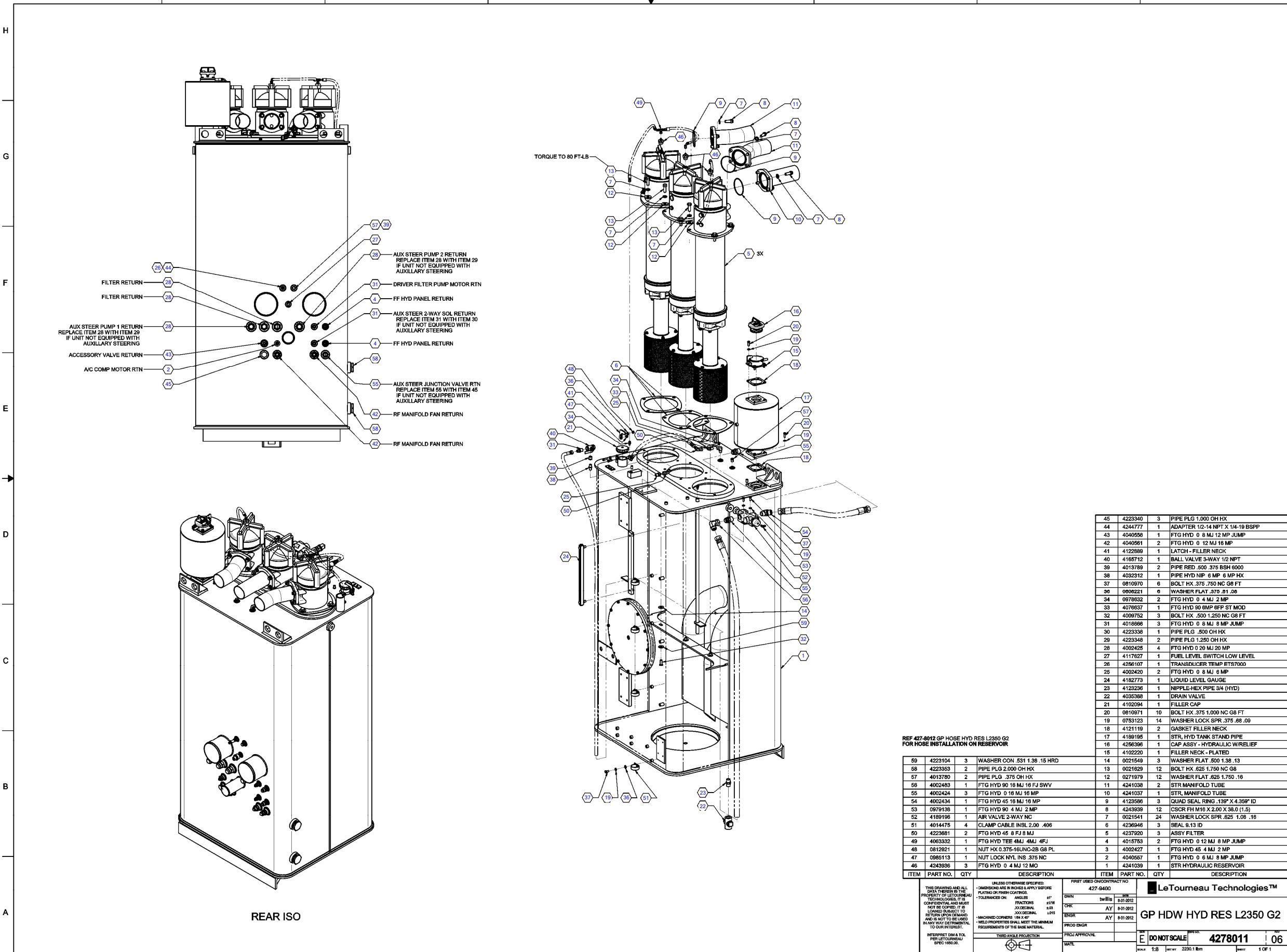
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4256410		GEARBOX CONTROL VALVE ASSEMBLY		5/5/17
1	R4256408	1	· HOUSING		
2	R4002283	REF	· O-RING, 15/16" I.D. - BUNA N	2	5/5/17
3	R4256409	1	· VALVE, CARTRIDGE SEQUENCE		
4	R0403840	2	· PLUG, 1/16" - HEX CSK.		
5	R4138105	1	· CARTRIDGE, CHECK VALVE - 100 PSI		
6	R4020769	1	· PLUG, PIPE - #8 MO		
7	R4256411	1	· ADAPTER, #8 MO X 1/4-19 BSPP		
8	R4256107	1	· TRANSDUCER, TEMPERATURE - -13 deg. TO 212 deg. F		
			DRAWING, GEARBOX CONTROL VALVE ASSEMBLY (R425641001)		

**L-2350-2242 PARTS MANUAL
GEARBOX CONTROL VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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HYDRAULIC RESERVOIR HARDWARE GROUP



HYDRAULIC RESERVOIR HARDWARE GROUP

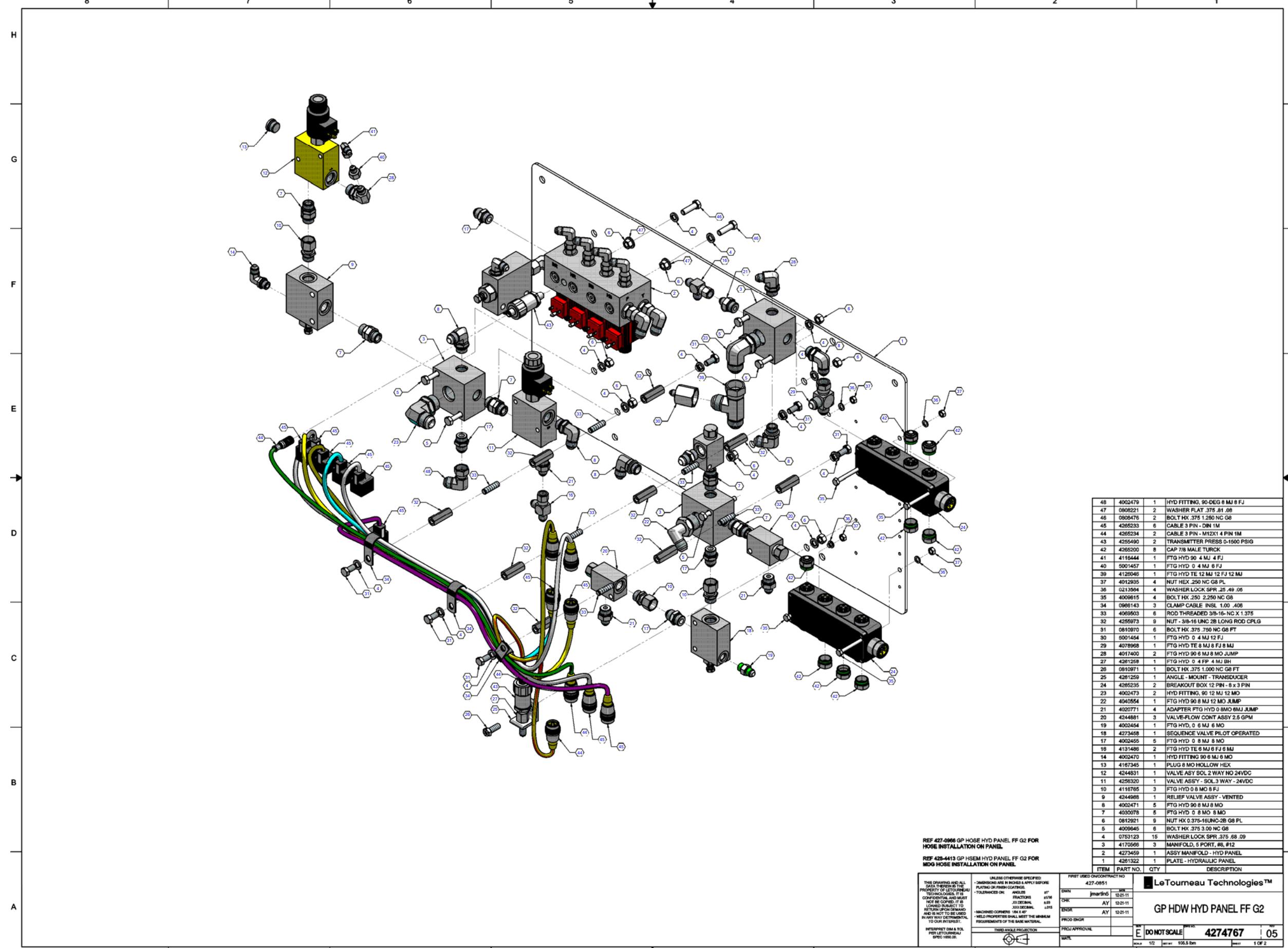
L-2350-2242 PARTS MANUAL
HYDRAULIC RESERVOIR HARDWARE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4278011		HYDRAULIC RESERVOIR HARDWARE GROUP		
1	R4241039	1	· RESERVOIR STRUCTURE, HYDRAULIC		
	R4248986	2	· · O-RING, 18-7/16" I.D. - BUNA N		
	R4248985	2	· · COVER PLATE, 20-5/8" - ALUMINUM		
	R0753123	24	· · LOCKWASHER, 3/8"		
	R0808476	24	· · BOLT, 3/8"-16 X 1-1/4"		
	R4013957	1	· · PLUG, PIPE - 3/4", SQ.		
2	R4040557	1	· ADAPTER, 1/2" MP X #6 MJ		
3	R4002427	1	· ELBOW, 1/8" MP X 45 deg. X #4 MJ		
4	R4015753	2	· ADAPTER, 1/2" MP X #12 MJ		6/21/18
5	R4237920	3	· FILTER ASSEMBLY		
	R4237922	3	· · FILTER ASSEMBLY, RETURN		
	R4237908	3	· · · ELEMENT, FILTER - RETURN		
	R4248974	3	· · · LID ASSEMBLY, INLET		
	R4248505	3	· · · O-RING, CAP - FILTER ASSEMBLY - BUNA N		
	R4243882	3	· · · LID, OUTLET - BOTTOM OF FILTER ASSEMBLY		
	R4243883	3	· · · BASKET, CONTAMINATION		
	R4243976	3	· · · SHIELD, FILTER ELEMENT		
	R4123586	3	· · SEAL, QUAD RING - 4-3/8" I.D. - BUNA N		
	R4237910	3	· · DIFFUSER BASKET STRUCTURE		
	R4237916	3	· · FILTER EXTENSION STRUCTURE		
6	R4236946	3	· SEAL, 9-1/8" I.D. - BUNA N		
7	R0021541	24	· LOCKWASHER, 5/8"		
8	R4243939	12	· CAPSCREW, 16 MM X 2 X 40		6/21/18
9	R4123586	3	· SEAL, QUAD RING - 4-3/8" I.D. - BUNA N		
10	R4241037	1	· TUBE STRUCTURE, MANIFOLD		
11	R4241038	2	· TUBE STRUCTURE, MANIFOLD		
12	R0271979	12	· FLATWASHER, 5/8"		
13	R0021629	12	· BOLT, 5/8"-11 X 1-3/4"		
14	R0021549	3	· FLATWASHER, 1/2"		6/21/18
15	R4102220	1	· FILLER NECK		
16	R4256396	1	· CAP ASSEMBLY, WITH PRESSURE RELIEF		
17	R4189195	1	· PIPE STRUCTURE, HYDRAULIC TANK STAND		
18	R4121119	2	· GASKET, FILLER NECK		
19	R0753123	14	· LOCKWASHER, 3/8"		
20	R0810971	10	· BOLT, 3/8"-16 X 1"		
21	R4102094	1	· FILLER CAP AND GASKET ASSEMBLY		
22	R4035388	1	· VALVE, DRAIN - 3/4"		
23	R4123236	1	· NIPPLE, PIPE - 3/4", HEX		
24	R4182773	1	· GAUGE, LIQUID LEVEL		
25	R4002420	2	· ADAPTER, 3/8" MP X #8 MJ		
26	R4256107	1	· TRANSDUCER, TEMPERATURE - -13 deg. TO 212 deg. F		
27	R4117627	1	· SENDING UNIT, LOW LEVEL		
28	R4002425	4	· ADAPTER STRUCTURE, 1-1/4" MP X #20 MJ		
29	R4223348	2	· PLUG, PIPE - 1-1/4", HEX HD.		
30	R4223338	1	· PLUG, PIPE - 1/2", HEX HD.		6/21/18
31	R4018666	3	· ADAPTER, 1/2" MP X #8 MJ		
32	R4009752	3	· BOLT, 1/2"-13 X 1-1/4"		6/21/18
33	R4076637	1	· ELBOW, 3/8" FP X 90 deg. X 3/8" MP - TAPPED, 1/8" FP		
34	R0978632	2	· ADAPTER, 1/8" MP X #4 MJ		
35	N.P.N.		· NOT USED		
36	R0808221	6	· FLATWASHER, 3/8"		
37	R0810970	6	· BOLT, 3/8"-16 X 3/4"		
38	R4032312	1	· NIPPLE, PIPE - 3/8", HEX		
39	R4013789	2	· BUSHING, 3/8" FP X 1/2" MP		
40	R4165712	1	· VALVE, BALL - 3-WAY, 1/2"		
41	R4122889	1	· LATCH, FILLER NECK		
42	R4040561	2	· ADAPTER, 1" MP X #12 MJ		6/21/18

L-2350-2242 PARTS MANUAL
HYDRAULIC RESERVOIR HARDWARE GROUP

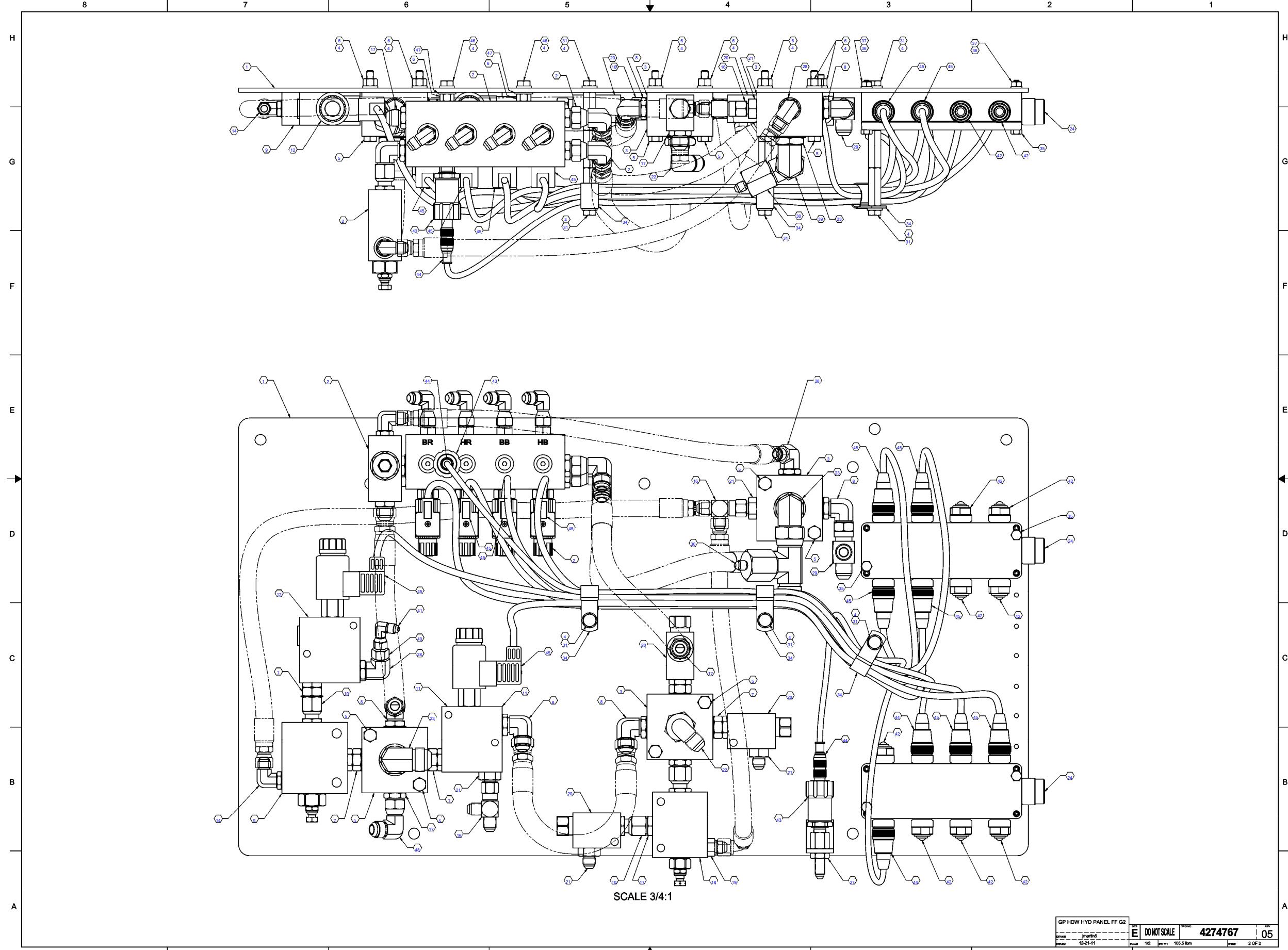
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
43	R4040558	1	· ADAPTER, 3/4" MP X #8 MJ		
44	R4244777	1	· ADAPTER, #4 BSPP X 1/2" MP		
45	R4223340	3	· PLUG, PIPE - 1", HEX HD.		6/21/18
46	R4243936	3	· ADAPTER, #12 MO X #4 MJ		
47	R0985113	1	· LOCKNUT, 3/8"-16 - NYLON		
48	R0812921	1	· NUT, 3/8"-16		
49	R4063332	1	· TEE, #4 MJ X #4 MJ X #4 FJ - SWIVEL		
50	R4223681	2	· ELBOW, #8 FJ X 45 deg. X #8 MJ		
51	R4014475	4	· CLAMP, CABLE - INSULATED, 2"		
52	R4189196	1	· VALVE, AIR - 2-WAY N.C.		
53	R0979138	1	· ELBOW, 1/8" MP X 90 deg. X #4 MJ - SWIVEL		
54	R4002434	1	· ELBOW, 1" MP X 45 deg. X #16 MJ		
55	R4002424	3	· ADAPTER, 1" MP X #16 MJ		
56	R4002483	1	· ELBOW, #16 FJ X 90 deg. X #16 MJ - SWIVEL		
57	R4013780	2	· PLUG, PIPE - 3/8", HEX HD.		
58	R4223353	2	· PLUG, PIPE - 2"		
59	R4223104	3	· FLATWASHER, 1/2" I.D. X 1-3/8" O.D. X 1/8" - CONICAL		6/21/18
			DRAWING, HYDRAULIC RESERVOIR HARDWARE GROUP (R427801106)		6/21/18

FRONT FRAME HYDRAULIC PANEL HARDWARE GROUP



FRONT FRAME HYDRAULIC PANEL HARDWARE GROUP

FRONT FRAME HYDRAULIC PANEL HARDWARE GROUP



FRONT FRAME HYDRAULIC PANEL HARDWARE GROUP

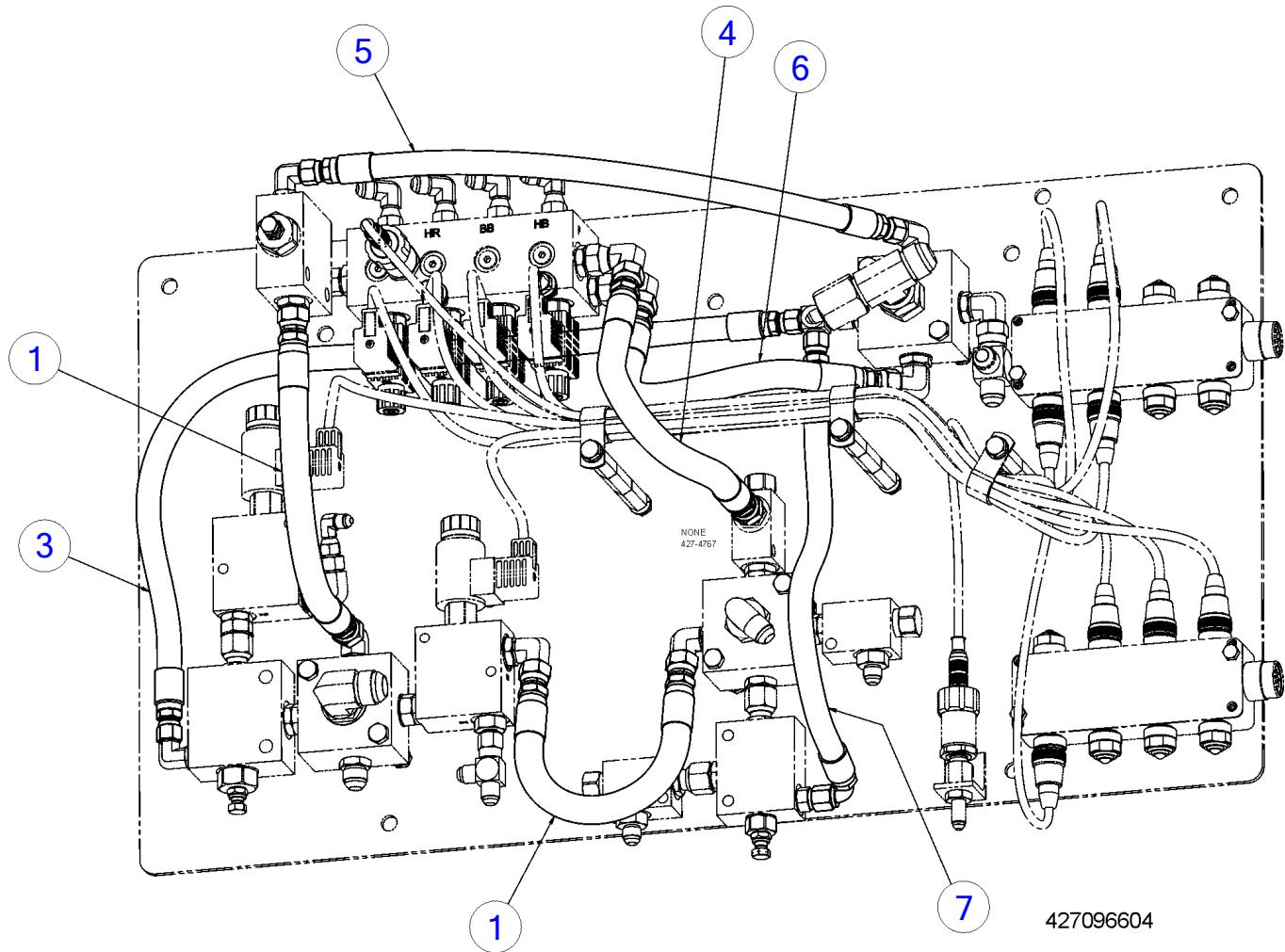
L-2350-2242 PARTS MANUAL
FRONT FRAME HYDRAULIC PANEL HARDWARE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274767		FRONT FRAME HYDRAULIC PANEL HARDWARE GROUP		
1	R4261322	1	· MOUNT PLATE, HYDRAULIC PANEL		
2	R4273459	1	· MANIFOLD ASSEMBLY, PANEL		
	R4273402	1	· · MANIFOLD, PANEL		
	R4238000	4	· · · VALVE, PROPORTIONAL PRESSURE REDUCING		
	R4174782	4	· · · COIL, 24 VDC		
	R4243929	8	· · · PLUG, PIPE - #4, HEX CSK.		
	R4002455	4	· · · ADAPTER, #8 MO X #8 MJ		
	R4002479	2	· · · ELBOW, #8 FJ X 90 deg. X #8 MJ		
	R4002470	2	· · · ELBOW, #6 MO X 90 deg. X #6 MJ - ADJ.		
	R4116765	1	· · · ADAPTER, #8 MO X #8 FJ		
	R4244988	1	· · · VALVE ASSEMBLY, RELIEF - VENTED		
	R4002471	1	· · · ELBOW, #8 MO X 90 deg. X #8 MJ - ADJ.		
	R4002454	3	· · · ADAPTER, #6 MO X #6 MJ		
	R4002478	3	· · · ELBOW, #6 FJ X 90 deg. X #6 MJ - SWIVEL		
3	R4170566	3	· · MANIFOLD STRUCTURE - 5 PORT		
4	R0753123	15	· · LOCKWASHER, 3/8"		
5	R4009645	6	· · BOLT, 3/8"-16 X 3"		
6	R0812921	9	· · NUT, 3/8"-16		6/21/18
7	R4030078	5	· · ADAPTER, #8 MO X #8 MO		
8	R4002471	5	· · ELBOW, #8 MO X 90 deg. X #8 MJ - ADJ.		
9	R4244988	1	· · · VALVE ASSEMBLY, RELIEF - VENTED		
	R4256409	1	· · · VALVE, CARTRIDGE SEQUENCE		
	R4235025	1	· · · SEAL KIT		
10	R4116765	3	· · · ADAPTER, #8 MO X #8 FJ		
11	R4256320	1	· · · VALVE ASSEMBLY, SOLENOID - 3-WAY		
	R4138101	1	· · · SEAL KIT		
	R4244836	1	· · · COIL, 24VDC		
12	R4244831	1	· · · VALVE ASSEMBLY, SOLENOID - 2-WAY N.O.		
13	R4167345	1	· · · PLUG, #8 MO		
14	R4002470	1	· · · ELBOW, #6 MO X 90 deg. X #6 MJ - ADJ.		
15	N.P.N.		· · NOT USED		6/21/18
16	R4131486	2	· · TEE, #6 MJ X #6 FJ X #6 MJ		
17	R4002455	5	· · ADAPTER, #8 MO X #8 MJ		6/21/18
18	R4273458	1	· · · VALVE, SEQUENCE - PILOT OPERATED		
19	R4002454	1	· · · ADAPTER, #6 MO X #6 MJ		
20	R4244881	3	· · · VALVE, FLOW CONTROL - 2.5 GPM		
21	R4020771	4	· · · ADAPTER, #8 MO X #6 MJ		6/21/18
22	R4040554	1	· · · ELBOW, #12 MO X 90 deg. X #8 MJ		
23	R4002473	2	· · · ELBOW, #12 MO X 90 deg. X #12 MJ - ADJ.		6/21/18
24	R4265235	2	· · · BREAKOUT BOX, 12 PIN - 8 X 3 PIN		
25	R4261259	1	· · · MOUNT ANGLE, TRANSDUCER		
26	R0810971	1	· · · BOLT, 3/8"-16 X 1"		
27	R4261258	1	· · · ADAPTER, #4 FP X #4 MJ - BULKHEAD		
28	R4017400	2	· · · ELBOW, #8 MO X 90 deg. X #6 MJ - ADJ.		
29	R4078968	1	· · · TEE, #8 MJ X #8 FJ X #8 MJ		
30	R5001454	1	· · · ADAPTER, #12 FJ X #4 MJ		
31	R0810970	6	· · · BOLT, 3/8"-16 X 3/4"		
32	R4255973	9	· · · NUT, 3/8"		
33	R4069503	6	· · · ROD, THREADED - 3/8" X 1-3/8"		
34	R0986143	3	· · · CLAMP, CABLE - INSULATED, 1"		
35	R4009615	4	· · · BOLT, 1/4"-20 X 2-1/4"		
36	R0213584	4	· · · LOCKWASHER, 1/4"		
37	R4012935	4	· · · NUT, 1/4"-20		
38	N.P.N.		· · NOT USED		6/21/18
39	R4126046	1	· · · TEE, #12 MJ X #12 FJ X #12 MJ		6/21/18
40	R5001457	1	· · · ADAPTER, #6 FJ X #4 MJ		
41	R4116444	1	· · · ELBOW, #4 FJ X 90 deg. X #4 MJ - SWIVEL		

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FRONT FRAME HYDRAULIC PANEL HARDWARE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
42	R4265200	8	· CAP, TURCK - 7/8" MALE		
43	R4255490	2	· TRANSMITTER, PRESSURE - 0-1500 PSI		
44	R4265234	2	· CABLE EXTENSION, 3 PIN - M12 X 1 4 PIN 1M		
45	R4265233	6	· CABLE EXTENSION, 3 PIN 1M		
46	R0808476	2	· BOLT, 3/8"-16 X 1-1/4"		
47	R0808221	2	· FLATWASHER, 3/8"		
48	R4002479	1	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		6/21/18
	R4270966	1	FRONT FRAME HYDRAULIC PANEL HOSE GROUP		
	REF		DRAWING, FRONT FRAME HYDRAULIC PANEL HARDWARE GROUP (R427476705)		6/21/18

FRONT FRAME HYDRAULIC PANEL HOSE GROUP



FRONT FRAME HYDRAULIC PANEL HOSE GROUP

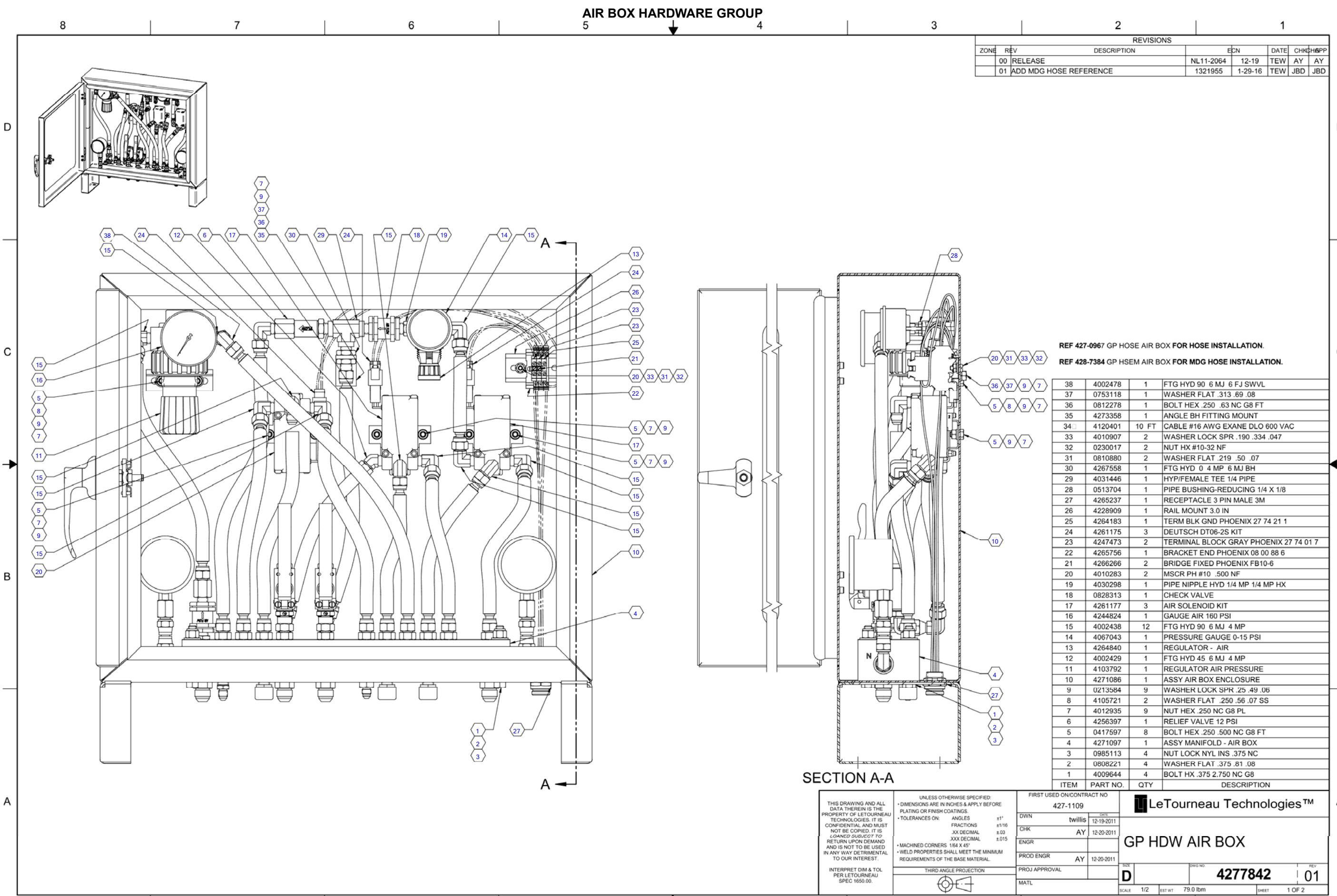
L-2350-2242 PARTS MANUAL
FRONT FRAME HYDRAULIC PANEL HOSE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270966		FRONT FRAME HYDRAULIC PANEL HOSE GROUP		6/21/18
1	R4129000	2	· HOSE ASSEMBLY, #8 X 12"		
2	N.P.N.		· NOT USED		
3	R4129111	1	· HOSE ASSEMBLY, #6 X 34"		
4	R4222302	1	· HOSE ASSEMBLY, #8 X 15"		
5	R4143736	1	· HOSE ASSEMBLY, #6 X 20"		
6	R4129001	1	· HOSE ASSEMBLY, #8 X 14"		
7	R4155548	1	· HOSE ASSEMBLY, #6 X 18"		
		REF	DRAWING, FRONT FRAME HYDRAULIC PANEL HOSE GROUP (R427096604)		6/21/18

**L-2350-2242 PARTS MANUAL
FRONT FRAME HYDRAULIC PANEL HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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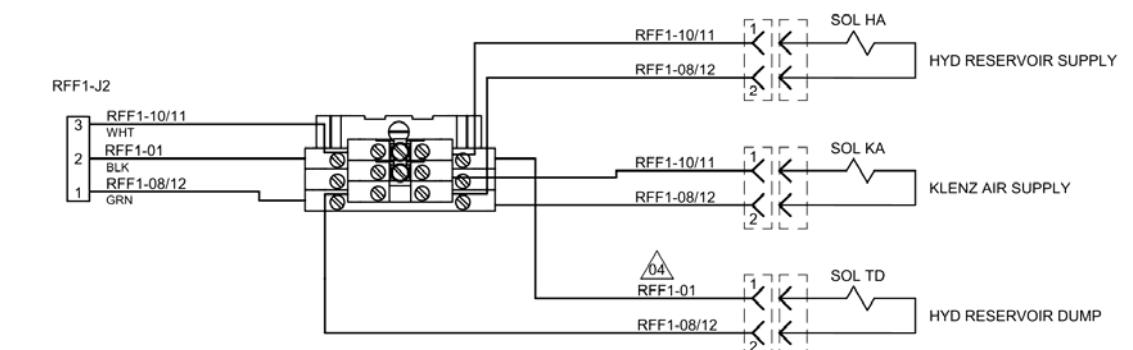
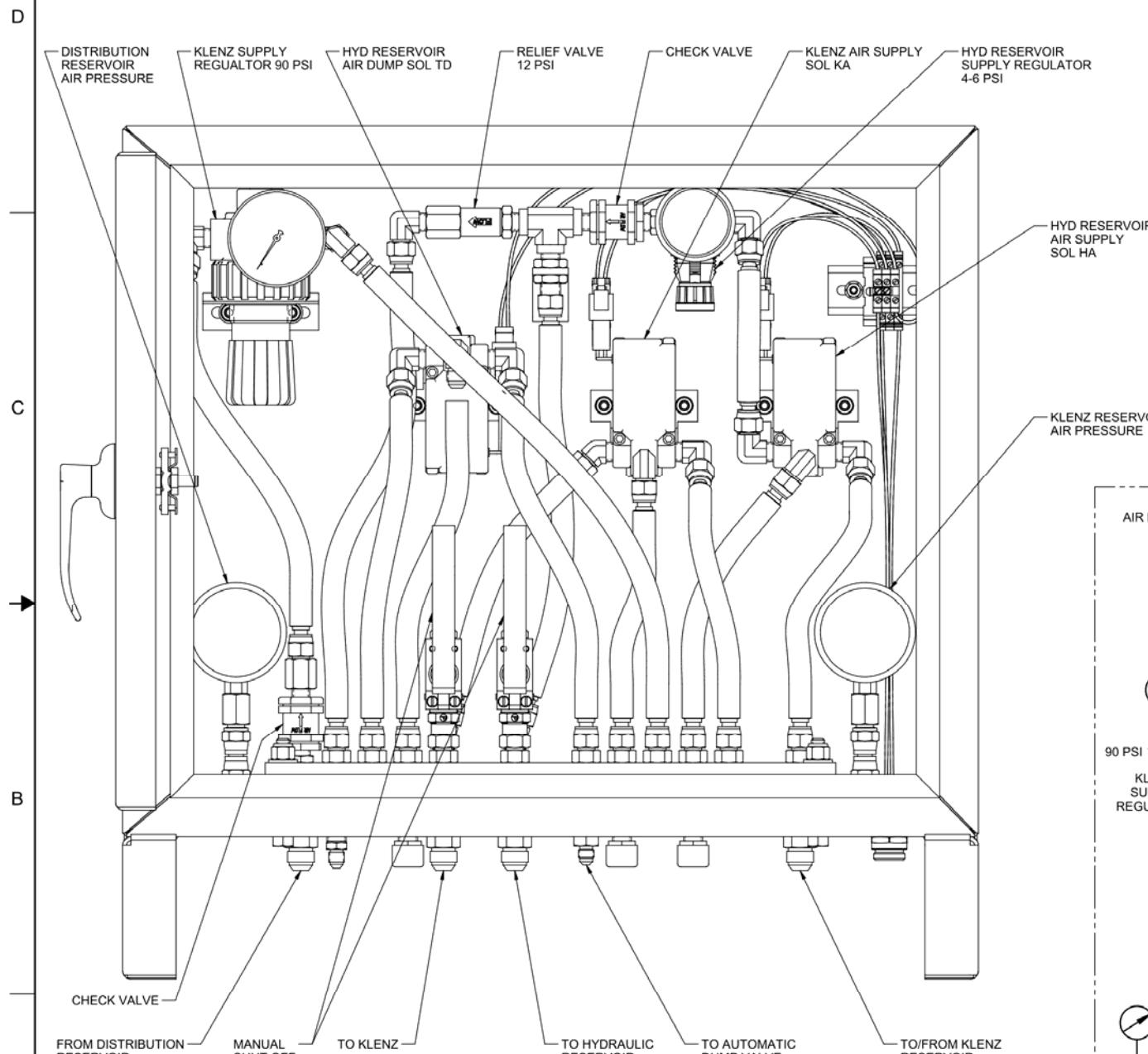


AIR BOX HARDWARE GROUP

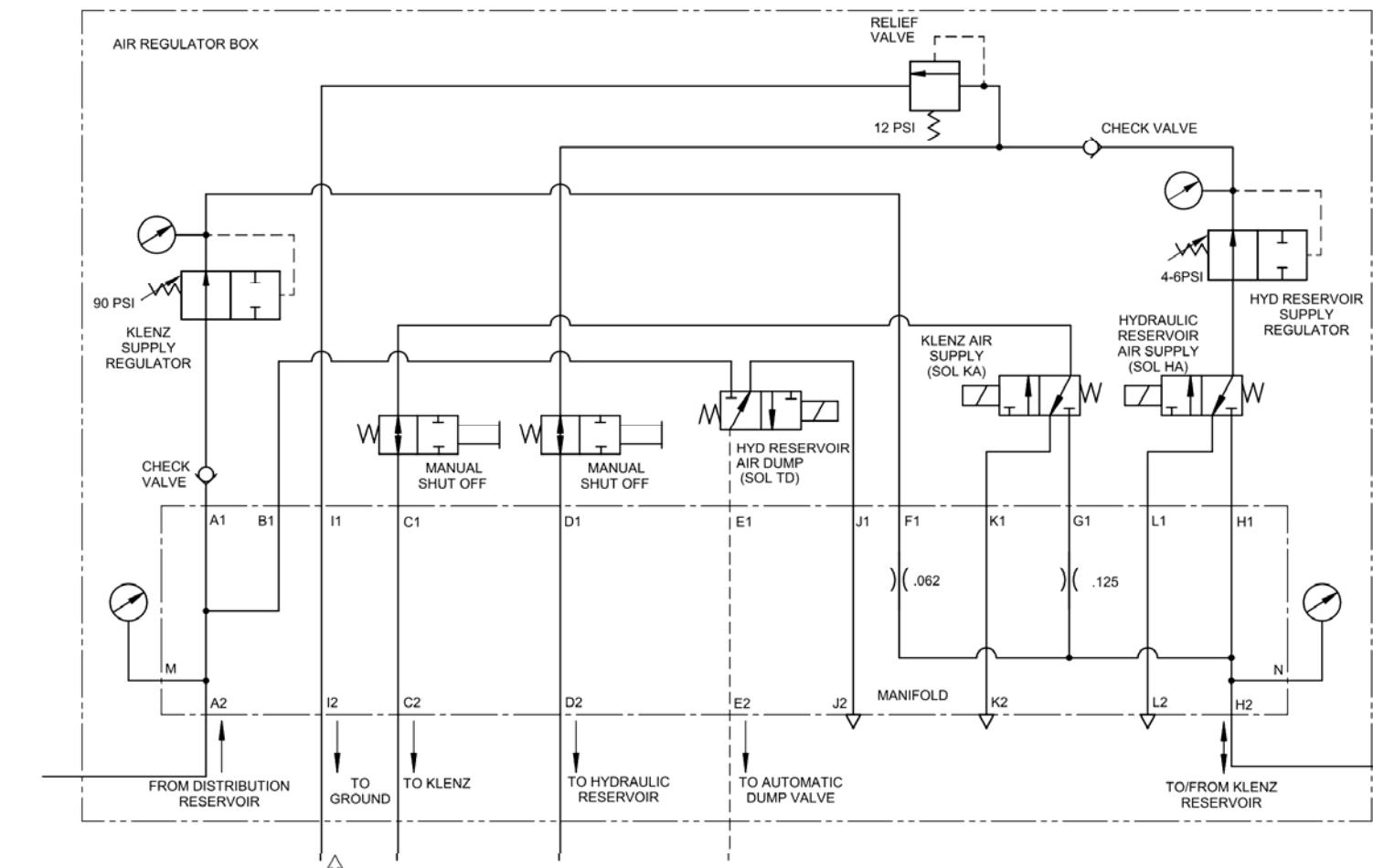
AIR BOX HARDWARE GROUP

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

REV		DESCRIPTION	ECN	DATE	CHG	HPP
00	RELEASE		NL11-2064	12-19	TEW	AY
01	SEE SHEET 1		1321955	1-29-16	TEW	JBD



WIRING DIAGRAM



HYDRAULIC SCHEMATIC

GP HDW AIR BOX		SIZE	REV
DRAWN	twillis	1/2	EST WT
ISSUED	12-19-2011	79.0 lbm	SHEET

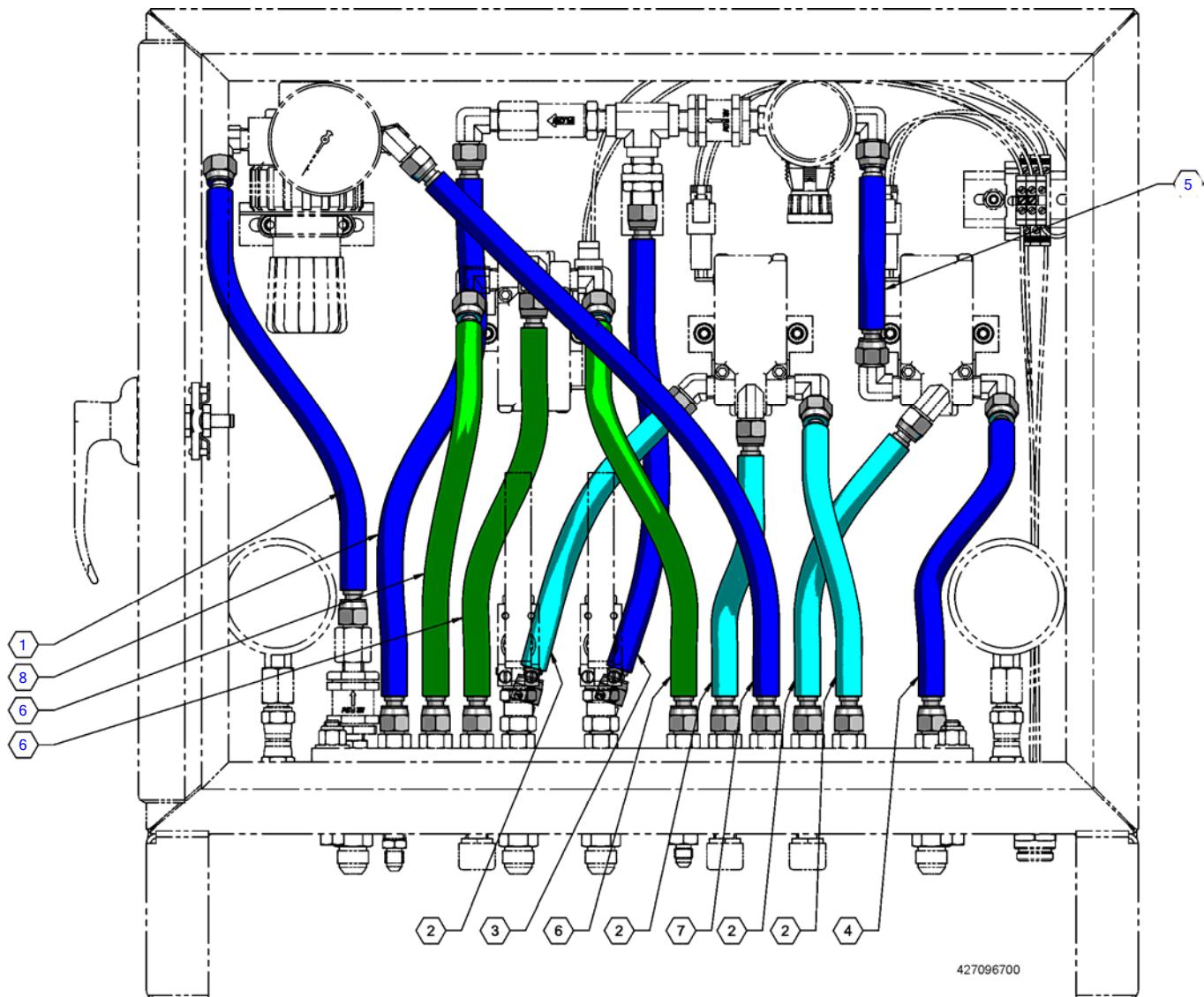
4277842 01

AIR BOX HARDWARE GROUP

**L-2350-2242 PARTS MANUAL
AIR BOX HARDWARE GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4277842			AIR BOX HARDWARE GROUP		
1	R4009644	4		• BOLT, 3/8"-16 X 2-3/4"		
2	R0808221	4		• FLATWASHER, 3/8"		
3	R0985113	4		• LOCKNUT, 3/8"-16 - NYLON		
4	R4271097	1		• MANIFOLD ASSEMBLY, AIR BOX		
	R4268037	1		• MANIFOLD, AIR BOX		
	R4136495	1		• ORIFICE, .062" X 1/16" MP		
	R4136497	1		• ORIFICE, .125" X 1/16" MP		
	R0828313	1		• VALVE, CHECK		
	R4271082	2		• GAUGE, PRESSURE - 0-160 PSI		
	R4271087	2		• VALVE, SHUT-OFF		
	R4271089	2		• LEVER KIT		
	R4162499	3		• VENT, BREATHER - 1/4"-18		
5	R0417597	8		• BOLT, 1/4"-20 X 1/2"		
6	R4256397	1		• VALVE, RELIEF - 10-12 PSI		
7	R4012935	9		• NUT, 1/4"-20		
8	R4105721	2		• FLATWASHER, 1/4" - S.S.		
9	R0213584	9		• LOCKWASHER, 1/4"		
10	R4271086	1		• BOX ASSEMBLY, AIR BOX		
11	R4103792	1		• REGULATOR, AIR PRESSURE		
12	R4002429	1		• ELBOW, 1/4" MP X 45 deg. X #6 MJ		
13	R4264840	1		• REGULATOR, AIR - 0-160 PSI		
14	R4067043	1		• GAUGE, AIR PRESSURE - 0-15 PSI		
15	R4002438	12		• ELBOW, 1/4" MP X 90 deg. X #6 MJ		
16	R4244824	1		• GAUGE, AIR PRESSURE - 0-160 PSI		
17	R4261177	3		• SOLENOID KIT, AIR - 24V		
	R4039803	3		• SOLENOID, AIR - 24V		
	R4255415	3		• RECEPTACLE, DT04-2P		
	R4255416	3		• WEDGE, W2P		
	R4185763	6		• PIN, CONTACT - 16		
18	R0828313	1		• VALVE, CHECK		
19	R4030298	1		• NIPPLE, PIPE - 1/4", HEX		
20	R4010283	2		• SCREW, #10-32 X 1/2" - P.H.		
21	R4266266	2		• BRIDGE, FIXED		
22	R4265756	1		• BRACKET END		
23	R4247473	2		• TERMINAL BLOCK, GRAY		
24	R4261175	3		• CONNECTOR KIT, DT06-2S KIT		
25	R4264183	1		• TERMINAL BLOCK, GROUND		
26	R4228909	1		• RAIL MOUNT, 3"		
27	R4265237	1		• RECEPTACLE, 3 PIN - MALE		
28	R0513704	1		• BUSHING, 1/8" FP X 1/4" MP		
29	R4031446	1		• TEE, 1/4" FP		
30	R4267558	1		• ADAPTER, 1/4" MP X #6 MJ - BULKHEAD		
31	R0810880	2		• FLATWASHER, #10		
32	R0230017	2		• NUT, #10-32		
33	R4010907	2		• LOCKWASHER, #10		
34	R4120401	10	FT	• CABLE, #16 AWG 600V		
35	R4273358	1		• MOUNT ANGLE		
36	R0812278	1		• BOLT, 1/4"-20 X 5/8"		
37	R0753118	1		• FLATWASHER, 5/16"		
38	R4002478	1		• ELBOW, #6 FJ X 90 deg. X #6 MJ - SWIVEL		
			REF	DRAWING, AIR BOX HARDWARE GROUP (R427784201)		

AIR BOX HOSE GROUP



AIR BOX HOSE GROUP

**L-2350-2242 PARTS MANUAL
AIR BOX HOSE GROUP**

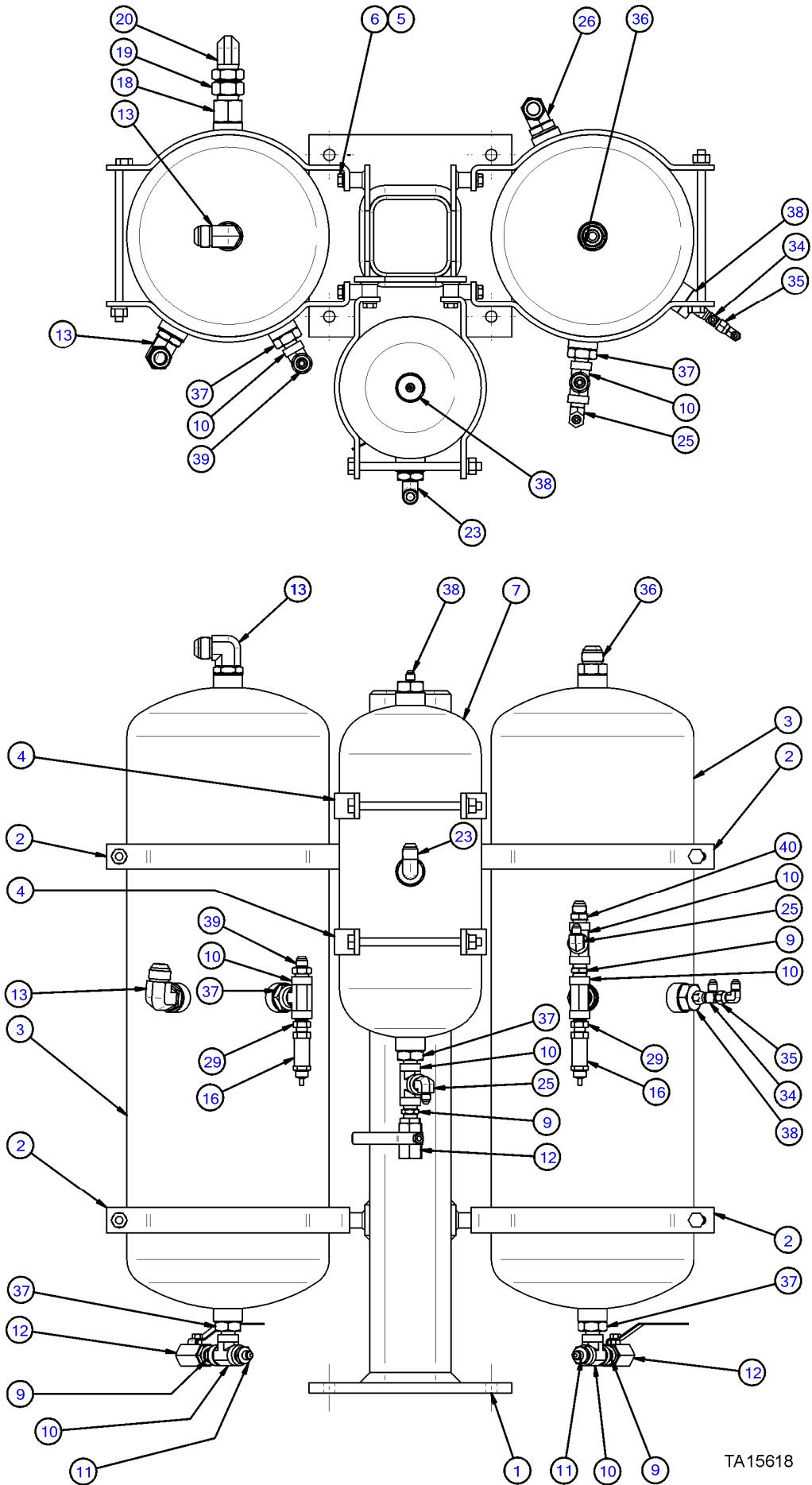
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270967		AIR BOX HOSE GROUP		
1	R4271139	1	· HOSE ASSEMBLY, #6 X 12"		
2	R4271141	4	· HOSE ASSEMBLY, #6 X 8-13/16"		
3	R4271137	1	· HOSE ASSEMBLY, #6 X 13"		
4	R4271140	1	· HOSE ASSEMBLY, #6 X 9-1/2"		
5	R4271136	1	· HOSE ASSEMBLY, #6 X 5-1/2"		
6	R4271142	3	· HOSE ASSEMBLY, #6 X 11-1/2"		
7	R4271135	1	· HOSE ASSEMBLY, #6 X 17-1/2"		
8	R4271138	1	· HOSE ASSEMBLY, #6 X 15"		
	REF		DRAWING, AIR BOX HOSE GROUP (R427096700)		

**L-2350-2242 PARTS MANUAL
AIR BOX HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AIR TANK STAND ASSEMBLY



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AIR TANK STAND ASSEMBLY

**L-2350-2242 PARTS MANUAL
AIR TANK STAND ASSEMBLY**

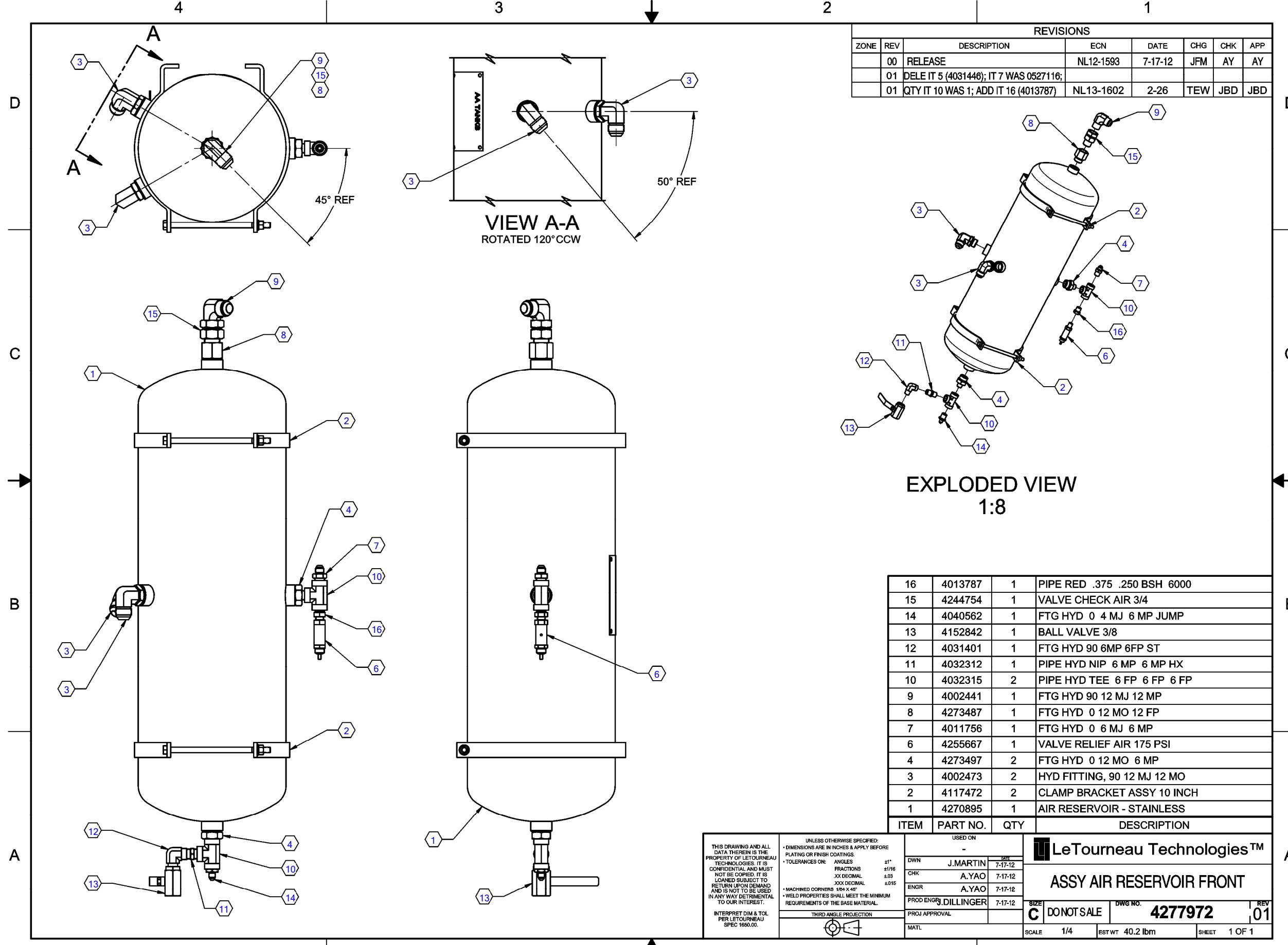
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273420		AIR TANK STAND ASSEMBLY		
1	R4273412	1	· TANK STAND STRUCTURE		
2	R4117472	4	· BRACKET, AIR RESERVOIR		
3	R4270895	2	· RESERVOIR, AIR - 10" O.D. X 30-3/4" - S.S.		
4	R4007414	2	· BRACKET, MOUNTING		
5	R0753123	12	· LOCKWASHER, 3/8"		
6	R0810971	12	· BOLT, 3/8"-16 X 1"		
7	R4270897	2	· RESERVOIR, AIR - 7" O.D. X 16-1/2" - S.S.		
8	N.P.N.		· NOT USED		
9	R4032312	4	· NIPPLE, PIPE - 3/8", HEX		
10	R4032315	6	· TEE, 3/8" FP		
11	R4040562	2	· ADAPTER, 3/8" MP X #4 MJ		
12	R4152842	3	· VALVE, BALL - 3/8"		
13	R4002473	2	· ELBOW, #12 MO X 90 deg. X #12 MJ - ADJ.		
14	N.P.N.		· NOT USED		
15	N.P.N.		· NOT USED		
16	R4255667	2	· VALVE, RELIEF - 175 PSI		
17	N.P.N.	2	· NOT USED		
18	R4273487	1	· ADAPTER, #12 MO X 3/4" FP		
19	R4244754	1	· VALVE, CHECK - 3/4"		
20	R4002441	1	· ELBOW, 3/4" MP X 90 deg. X #12 MJ		
21	N.P.N.		· NOT USED		
22	N.P.N.		· NOT USED		
23	R4040554		· ELBOW, #12 MO X 90 deg. X #8 MJ		
24	N.P.N.		· NOT USED		
25	R6953864	2	· ELBOW, 3/8" MP X 90 deg. X #4 MJ		
26	R4043033	1	· TEE, #12 MJ X #12 MO X #12 MJ		
27	N.P.N.		· NOT USED		
28	N.P.N.		· NOT USED		
29	R4013787	2	· BUSHING, 1/4" FP X 3/8" MP		
30	N.P.N.		· NOT USED		
31	N.P.N.		· NOT USED		
32	N.P.N.		· NOT USED		
33	N.P.N.		· NOT USED		
34	R4273499	1	· TEE, #4 MJ X #4 FJ X #4 MJ		
35	R4116444	1	· ELBOW, #4 FJ X 90 deg. X #4 MJ - SWIVEL		
36	R4002457	1	· ADAPTER, #12 MO X #12 MJ		
37	R4273497	5	· ADAPTER, #12 MO X 3/8" MP		
38	R4243936	2	· ADAPTER, #12 MO X #4 MJ		
39	R4011756	1	· ADAPTER, 3/8" MP X #6 MJ		8/7/12
40	R4002420	1	· ADAPTER, 3/8" MP X #8 MJ		8/7/12
		REF	DRAWING, AIR TANK STAND ASSEMBLY (R427342005)		8/7/12

**L-2350-2242 PARTS MANUAL
AIR TANK STAND ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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FRONT AIR RESERVOIR ASSEMBLY



FRONT AIR RESERVOIR ASSEMBLY

**L-2350-2242 PARTS MANUAL
FRONT AIR RESERVOIR ASSEMBLY**

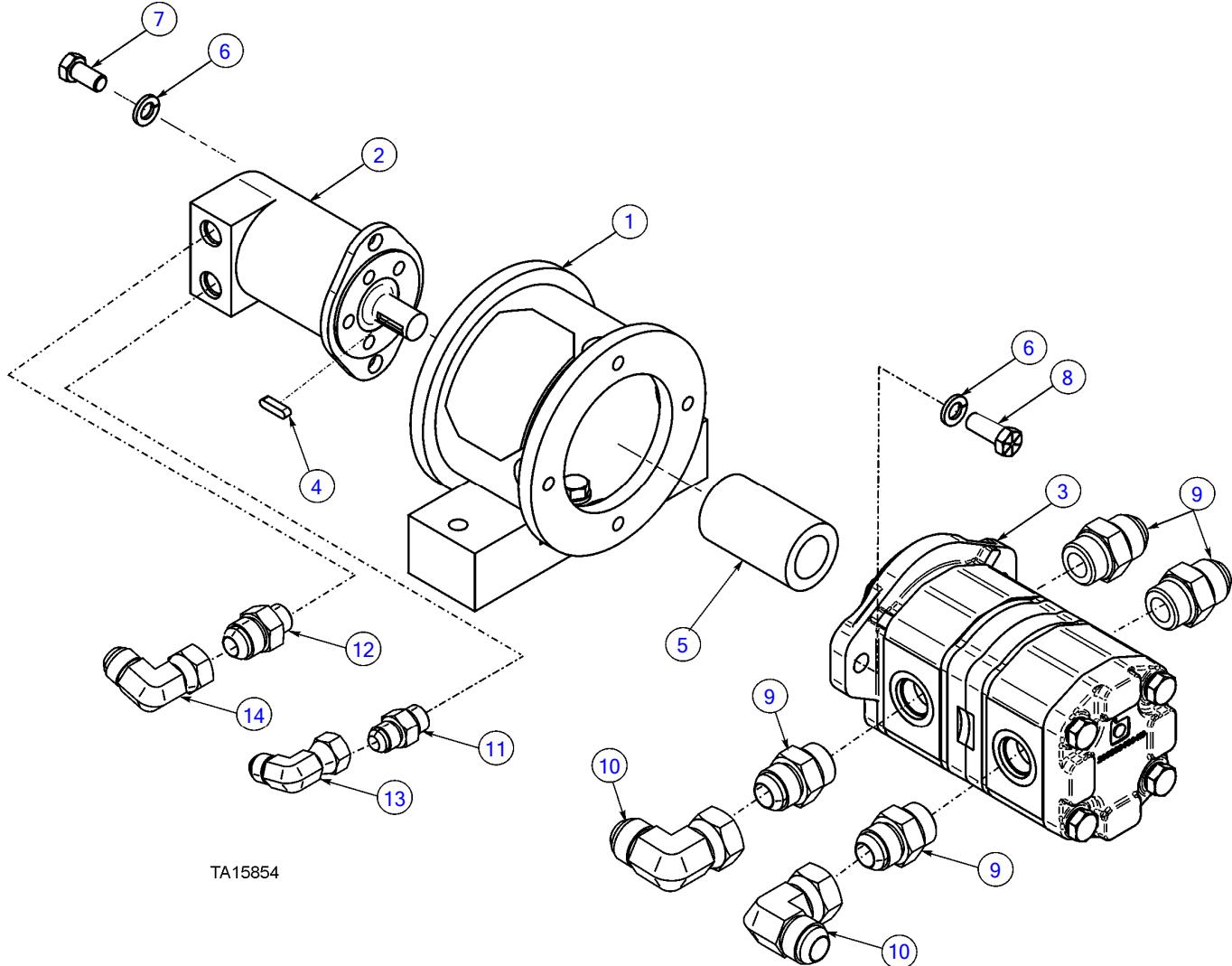
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4277972		FRONT AIR RESERVOIR ASSEMBLY		
1	R4270895	1	· RESERVOIR, AIR - 10" O.D. X 30-3/4" - S.S.		
2	R4117472	2	· BRACKET, AIR RESERVOIR		
3	R4002473	2	· ELBOW, #12 MO X 90 deg. X #12 MJ - ADJ.		
4	R4273497	2	· ADAPTER, #12 MO X 3/8" MP		
5	N.P.N.		· NOT USED		
6	R4255667	1	· VALVE, RELIEF - 175 PSI		
7	R4011756	1	· ADAPTER, 3/8" MP X #6 MJ		
8	R4273487	1	· ADAPTER, #12 MO X 3/4" FP		
9	R4002441	1	· ELBOW, 3/4" MP X 90 deg. X #12 MJ		
10	R4032315	2	· TEE, 3/8" FP		
11	R4032312	1	· NIPPLE, PIPE - 3/8", HEX		
12	R4031401	1	· ELBOW, 3/8" FP X 90 deg. X 3/8" MP		
13	R4152842	1	· VALVE, BALL - 3/8"		
14	R4040562	1	· ADAPTER, 3/8" MP X #4 MJ		
15	R4244754	1	· VALVE, CHECK - 3/4"		
16	R4013787	1	· BUSHING, 1/4" FP X 3/8" MP		
		REF	DRAWING, FRONT AIR RESERVOIR ASSEMBLY (R427797201)		

**L-2350-2242 PARTS MANUAL
FRONT AIR RESERVOIR ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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DRIVER FILTRATION MOTOR/PUMP ASSEMBLY



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DRIVER FILTRATION MOTOR/PUMP ASSEMBLY

**L-2350-2242 PARTS MANUAL
DRIVER FILTRATION MOTOR/PUMP ASSEMBLY**

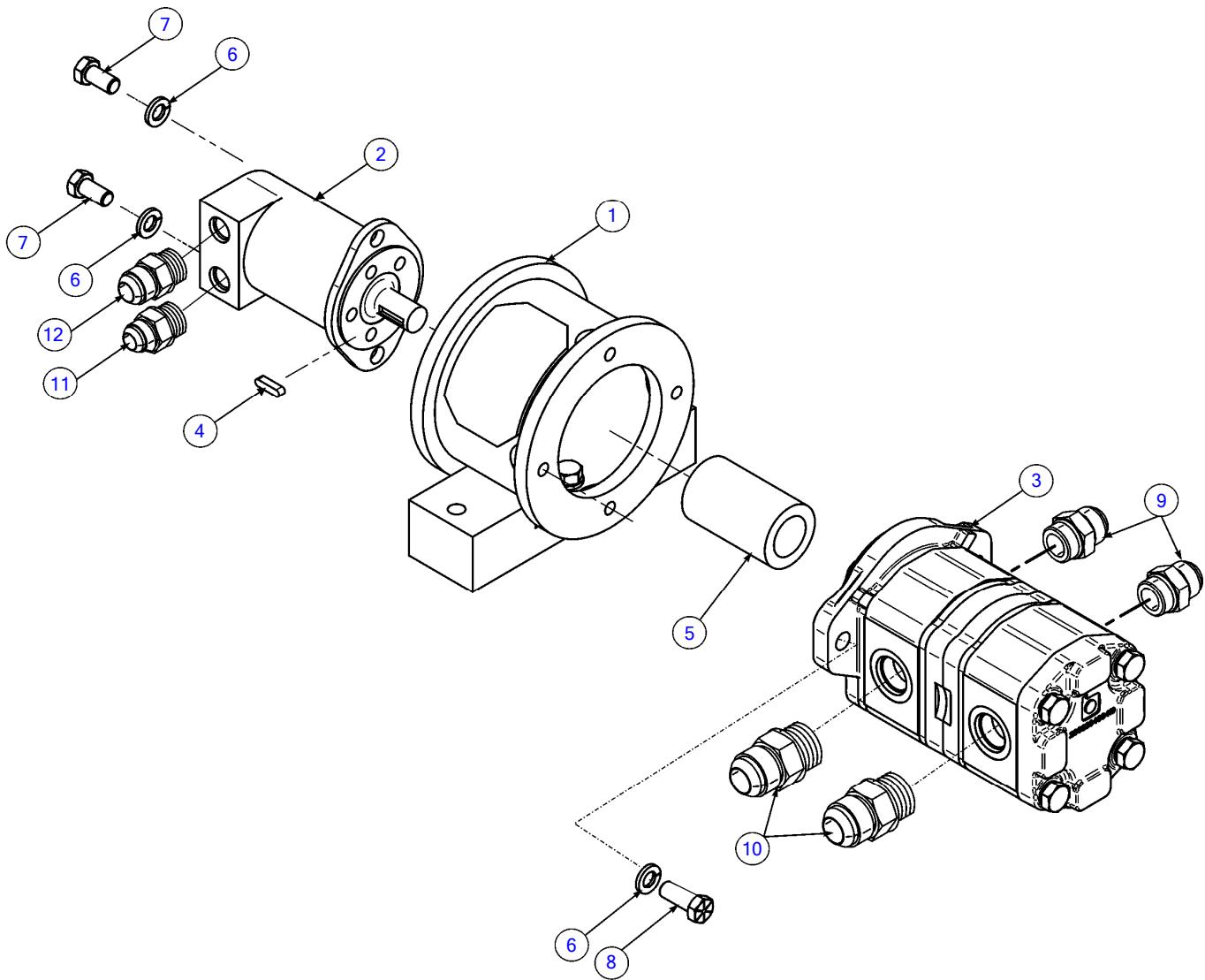
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273478		DRIVER FILTRATION MOTOR/PUMP ASSEMBLY		9/19/17
	R4271071	1	· PUMP ASSEMBLY, DRIVER FILTRATION		
1	R4271069	1	· · ADAPTER, MOTOR TO PUMP		
2	R4271066	1	· · MOTOR		
	R4279451	1	· · · SEAL KIT		8/17/17
3	R4271067	1	· · PUMP		
4	R4272517	1	· · · KEY, 3/16" X 3/16" X 3/4" - ROUND END		
5	R4271068	1	· · · SHAFT, COUPLING		
	R4271070	1	· · · BOLT KIT, MOTOR/PUMP		9/19/17
6	R0753123	4	· · · · LOCKWASHER, 3/8"		
7	R0810970	2	· · · · BOLT, 3/8"-16 X 3/4"		
8	R0810971	2	· · · · BOLT, 3/8"-16 X 1"		
9	R4002457	4	· · ADAPTER, #12 MO X #12 MJ		
10	R4002481	2	· · ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
11	R4002454	1	· · ADAPTER, #6 MO X #6 MJ		
12	R4020772	1	· · ADAPTER, #6 MO X #8 MJ		
13	R4002478	1	· · ELBOW, #6 FJ X 90 deg. X #6 MJ - SWIVEL		
14	R4002479	1	· · ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		
		REF	DRAWING, DRIVER FILTRATION MOTOR/PUMP ASSEMBLY (R427347801)		

**L-2350-2242 PARTS MANUAL
DRIVER FILTRATION MOTOR/PUMP ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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DRIVER FILTRATION MOTOR/PUMP ASSEMBLY



DRIVER FILTRATION MOTOR/PUMP ASSEMBLY

L-2350-2242 PARTS MANUAL
DRIVER FILTRATION MOTOR/PUMP ASSEMBLY

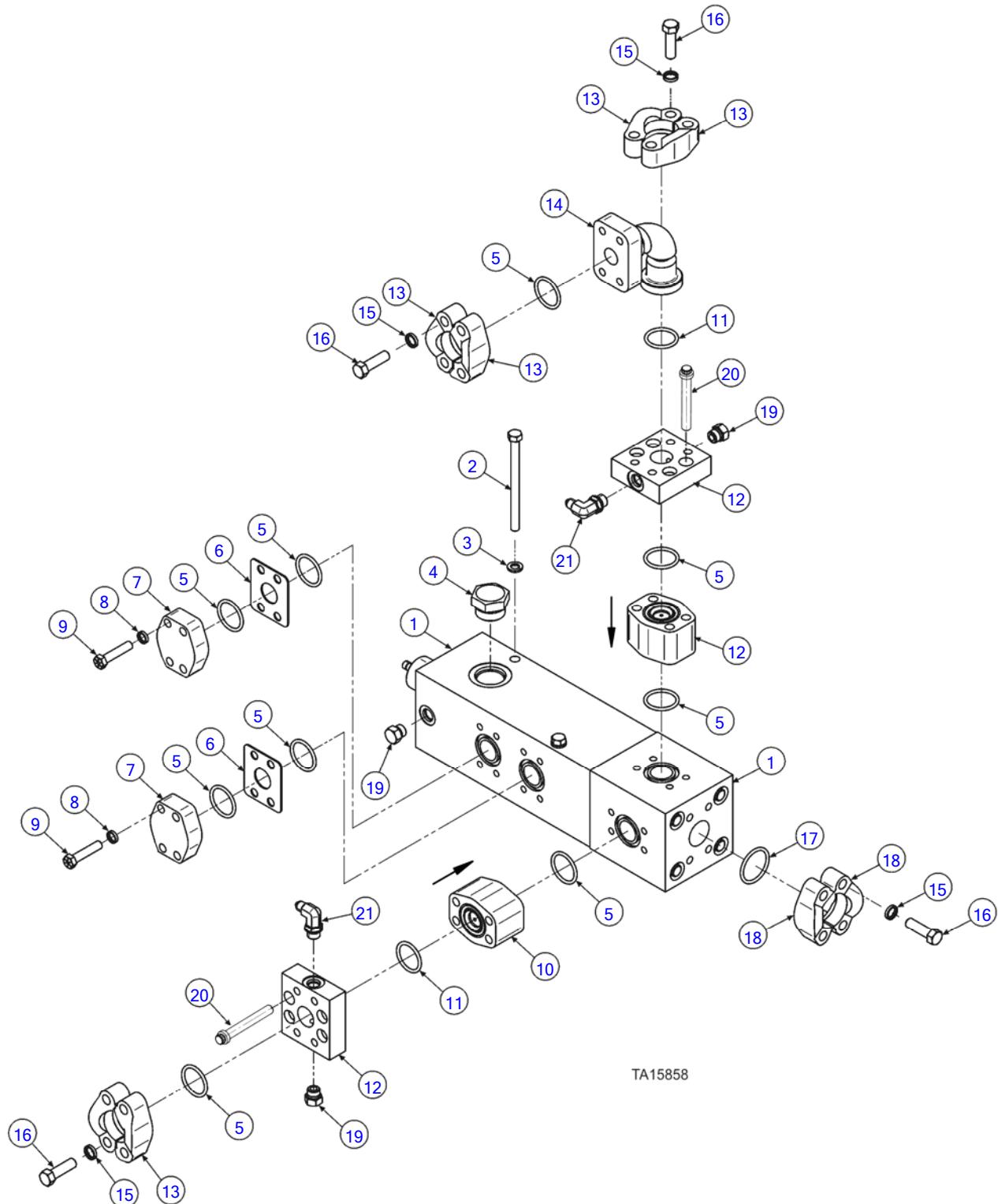
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273488		DRIVER FILTRATION MOTOR/PUMP ASSEMBLY		9/19/17
	R4271071	1	· PUMP ASSEMBLY, DRIVER FILTRATION		
1	R4271069	1	·· ADAPTER, MOTOR TO PUMP		
2	R4271066	1	·· MOTOR		
	R4279451	1	··· SEAL KIT		8/17/17
3	R4271067	1	·· PUMP		
4	R4272517	1	·· KEY, 3/16" X 3/16" X 3/4" - ROUND END		
5	R4271068	1	·· SHAFT, COUPLING		
	R4271070	1	··· BOLT KIT, MOTOR/PUMP		9/19/17
6	R0753123	4	··· LOCKWASHER, 3/8"		
7	R0810970	2	··· BOLT, 3/8"-16 X 3/4"		
8	R0810971	2	··· BOLT, 3/8"-16 X 1"		
9	R4021412	2	· ADAPTER, #10 MO X #12 MJ		
10	R4002457	2	· ADAPTER, #12 MO X #12 MJ		
11	R4002454	1	· ADAPTER, #6 MO X #6 MJ		
12	R4020772	1	· ADAPTER, #6 MO X #8 MJ		
			REF DRAWING, MOTOR/PUMP ASSEMBLY (R427107103)		

**L-2350-2242 PARTS MANUAL
DRIVER FILTRATION MOTOR/PUMP ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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JUNCTION VALVE ASSEMBLY



TA15858

JUNCTION VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
JUNCTION VALVE ASSEMBLY**

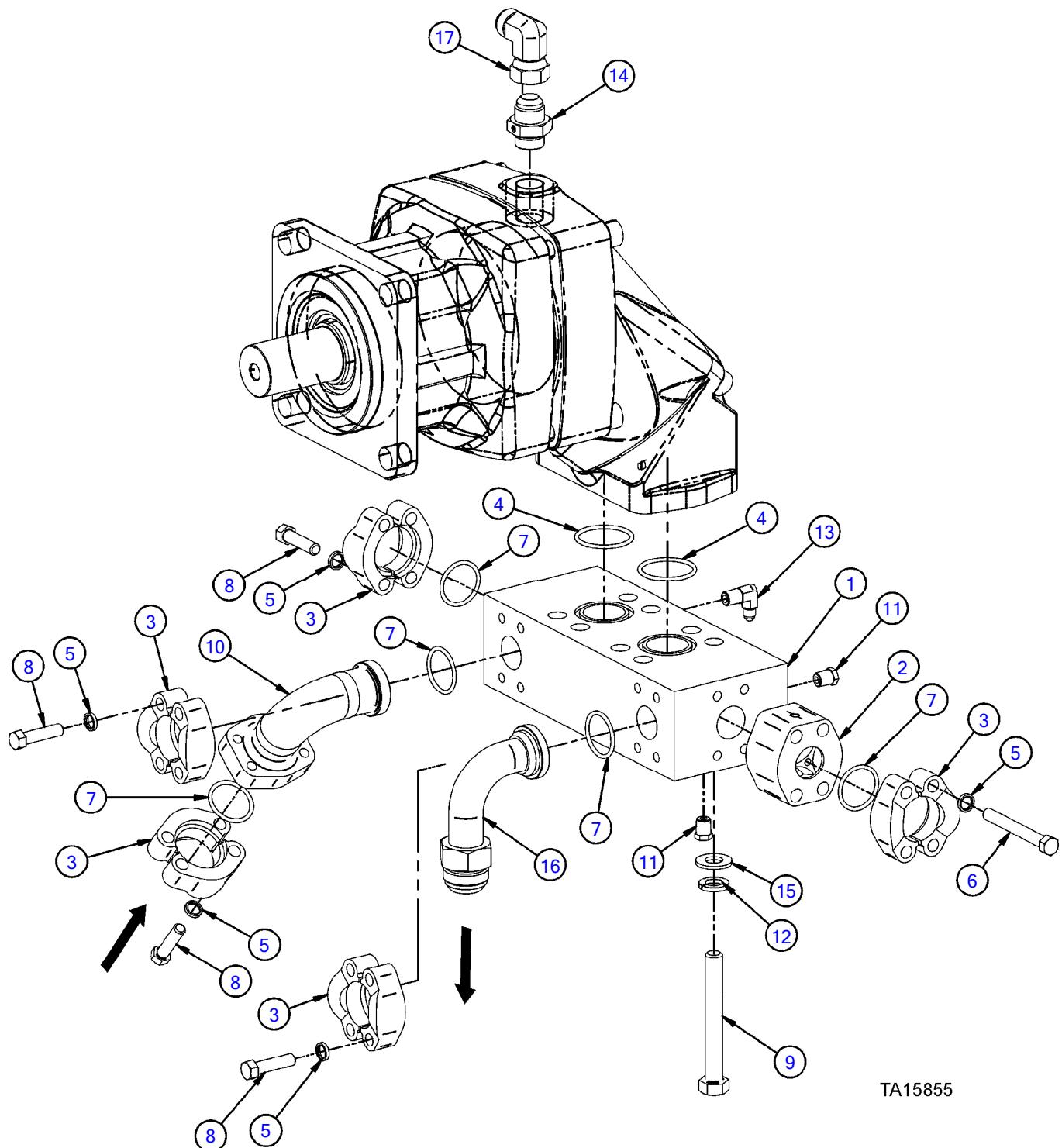
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4275773		JUNCTION VALVE ASSEMBLY		8/11/17
1	R4248914	1	· VALVE, JUNCTION - STEERING (PAGE 8.24-8.24A)		
2	R4009649	2	· BOLT, 3/8"-16X5"		
3	R0753123	2	· LOCKWASHER, 3/8"		
4	R4040567	1	· PLUG, #16 MO		
5	R4105005	9	· O-RING, 1-1/4" I.D. - POLYURETHANE		
6	R4219017	2	· PLATE, CONNECTOR-1"		
7	R4008732	2	· PLUG, SF-1"		
8	R4210347	8	· FLATWASHER, 3/8" - HARDENED		
9	R0829683	8	· BOLT, 3/8"-16X 1-3/4"		
10	R4150321	2	· VALVE, CHECK - 1"SF		
	R4138036	2	· · O-RING, 1-1/2" I.D. - POLYURETHANE		8/5/14
	R4267979	2	· · O-RING, 1-1/4" I.D. - POLYURETHANE		8/5/14
11	R4267979	2	· O-RING, 1-1/4" I.D. - POLYURETHANE		
12	R4241394	2	· TEST BLOCK, 1" S.F.		
13	R4269658	6	· FLANGE HALF, 1"		
14	R4255274	1	· ELBOW STRUCTURE, 1" S.F. X 90 deg.		
15	R4210348	16	· FLATWASHER, 7/16" - HARDENED		
16	R4213614	16	· BOLT, 7/16"-14 x 1-3/4"		
17	R4068357	1	· O-RING, 1-1/2" I.D. - POLYURETHANE		
18	R4186400	2	· FLANGE HALF, 1-1/4"		
19	R4030061	3	· PLUG, #6 MO		
20	R4001842	8	· CAPSCREW, 3/8"-16 X 3"		8/11/17
21	R4040552	2	· ELBOW, #6 MO X 90 deg. x #4 MJ		
		REF	DRAWING, JUNCTION VALVE ASSEMBLY (R427577302)		8/11/17

**L-2350-2242 PARTS MANUAL
JUNCTION VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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FAN MOTOR MANIFOLD GROUP



FAN MOTOR MANIFOLD GROUP

**L-2350-2242 PARTS MANUAL
FAN MOTOR MANIFOLD GROUP**

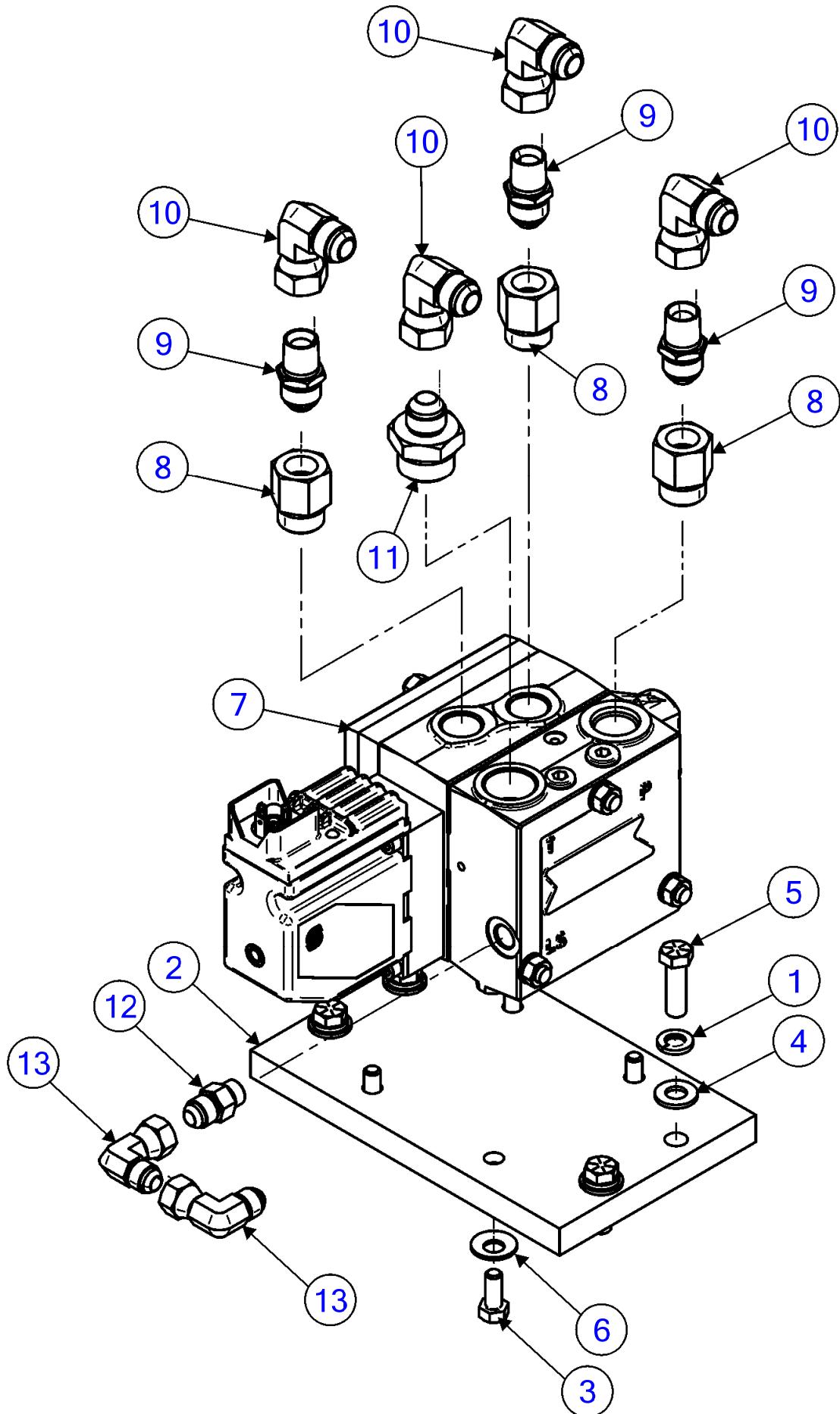
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274596		FAN MOTOR MANIFOLD GROUP		
1	R4274595	1	· BLOCK, MANIFOLD - SERVICE PORT		6/21/18
2	R4133410	1	· VALVE, CHECK - 1-1/4" S.F.		
	R4268036	1	· · O-RING, 1-3/4" I.D. - POLYURETHANE		8/5/14
	R4068357	1	· · O-RING, 1-1/2" I.D. - POLYURETHANE		8/5/14
3	R4186400	10	· FLANGE HALF, 1-1/4"		
4	R4068358	2	· O-RING, 1-7/8" I.D. - POLYURETHANE		
5	R4210348	20	· FLATWASHER, 7/16" - HARDENED		
6	R4009517	4	· BOLT, 7/16"-14 X 3-3/4"		
7	R4068357	5	· O-RING, 1-1/2" I.D. - POLYURETHANE		
8	R4213614	16	· BOLT, 7/16"-14 X 1-3/4"		
9	R4249148	8	· BOLT, M16 X2 X 125		
10	R4255268	1	· ELBOW STRUCTURE, 1-1/4" S.F. X 90 deg.		
11	R4013779	3	· PLUG, PIPE - 1/4", HEX HD.		
12	R0021541	8	· LOCKWASHER, 5/8"		
13	R4011748	1	· ELBOW, 1/4" MP X 90 deg. X #4 MJ		
14	R4277911	1	· ADAPTER, #12 MJ X 3/4-14 BSPP		
15	R4010925	8	· FLATWASHER, 5/8" I.D. X 1- 5/16" O.D. X 1/8"		
16	R4261719	1	· ELBOW STRUCTURE, 1-1/4" S.F. X 90 deg. X #20 MJ		
17	R4002481	1	· ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
			REF DRAWING, FAN MOTOR MANIFOLD GROUP (R427459605)		6/21/18

**L-2350-2242 PARTS MANUAL
FAN MOTOR MANIFOLD GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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PROPORTIONAL VALVE SUB-ASSEMBLY



PROPORTIONAL VALVE SUB-ASSEMBLY

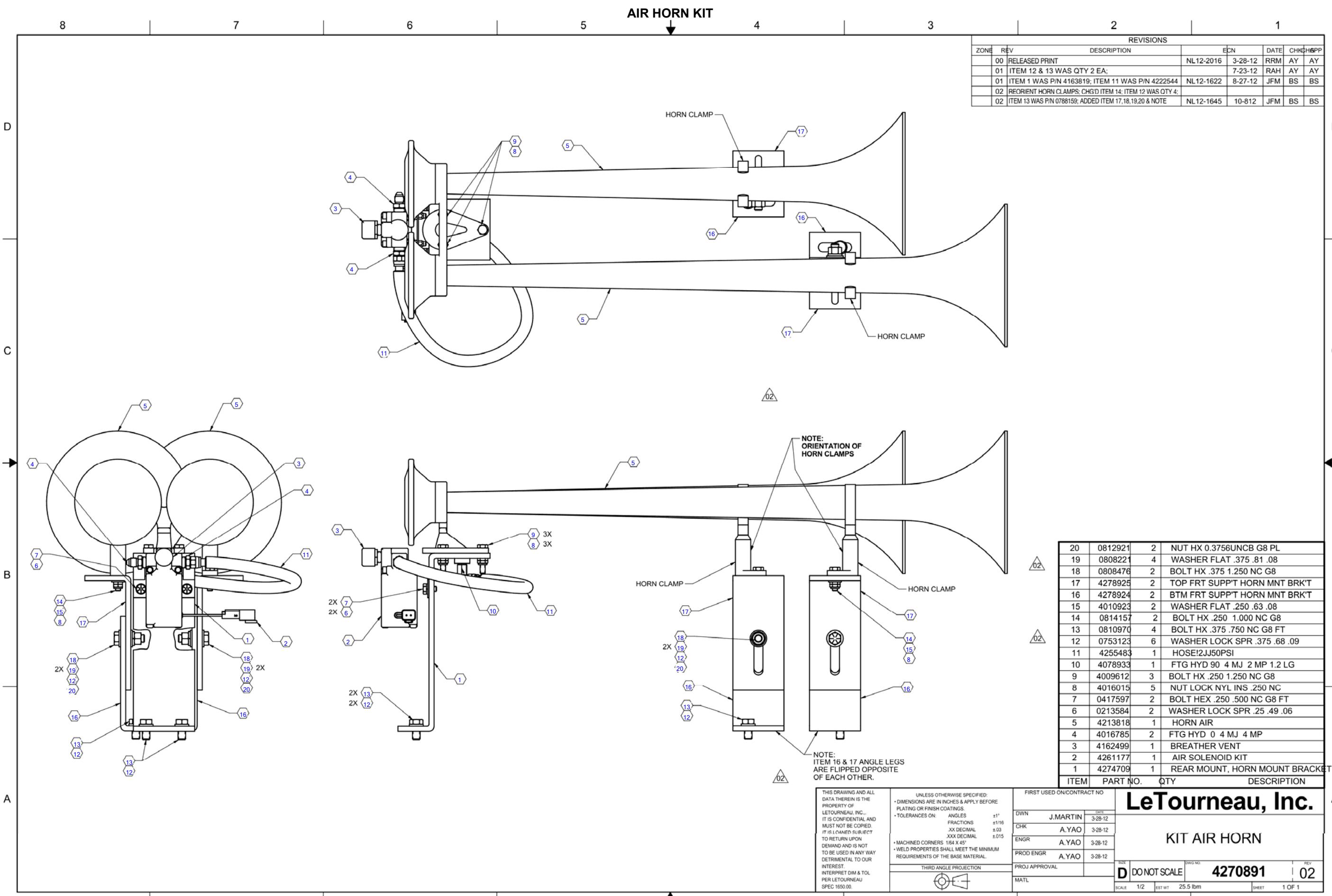
**L-2350-2242 PARTS MANUAL
PROPORTIONAL VALVE SUB-ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4275774		PROPORTIONAL VALVE SUB-ASSEMBLY		6/21/18
1	R0753123	4	· LOCKWASHER, 3/8"		
2	R4238024	1	· MOUNT PLATE, VALVE		
3	R0988144	4	· BOLT, 5/16"-18 X 3/4"		
4	R0808221	4	· FLATWASHER, 3/8"		
5	R0808476	4	· BOLT, 3/8"-16 X 1-1/4"		
6	R4285242	4	· WASHER, BELL - 5/16" I.D. X 13.16" O.D. X 1/8", HARDENERED		6/21/18
7	R4237953	1	· VALVE ASSEMBLY, PROPORTIONAL - PVG 32		
	R4241456	1	· · MODULE,SIDE - PUMP - PVP		
	R4241457	1	· · VALVE, BASIC - PVB		
	R4241458	1	· · SPOOL, MAIN - PVBS		
	R4241459	1	· · MECHANICAL ACTUATION, PVM		
	R4241460	1	· · ELECTRICAL ACTIVATION, PVE/PVEH		
	R4241461	1	· · END PLATE, PVS		
	R4241462	1	· · ASSEMBLY KIT, PVAS		
	R4241482	1	· · SEAL KIT		
8	R4057053	3	· REDUCER, #10 MO X 3/8" FP		
9	R4002420	3	· ADAPTER, 3/8" MP X #8 MJ		
10	R4002479	4	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		
11	R4040550	1	· ADAPTER, #12 MO X #8 MJ		
12	R4237965	1	· ADAPTER, #5 MO X #6 MJ		
13	R4002478	2	· ELBOW, #6 FJ X 90 deg. X #6 MJ - SWIVEL		
		REF	DRAWING, PROPORTIONAL VALVE SUB-ASSEMBLY (R427577401)		6/21/18

**L-2350-2242 PARTS MANUAL
PROPORTIONAL VALVE SUB-ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AIR HORN KIT

**L-2350-2242 PARTS MANUAL
AIR HORN KIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270891		AIR HORN KIT		
1	R4274709	1	· MOUNT BRACKET, HORN - REAR		
2	R4261177	1	· SOLENOID KIT, AIR - 24V		
	R4039803	1	· · SOLENOID, AIR - 24V		
	R4255415	1	· · RECEPTACLE, DT04-2P		
	R4255416	1	· · WEDGE, W2P		
	R4185763	2	· · PIN, CONTACT - 16		
3	R4162499	1	· VENT, BREATHER - 1/4"-18		
4	R4016785	2	· ADAPTER, 1/4" MP X #4 MJ		
5	R4213818	1	· HORN, AIR		
6	R0213584	2	· LOCKWASHER, 1/4"		
7	R0417597	2	· BOLT, 1/4"-20 X 1/2"		
8	R4016015	5	· LOCKNUT, 1/4"-20 - NYLON		
9	R4009612	3	· BOLT, 1/4"-20 X 1-1/4"		
10	R4078933	1	· ELBOW, 1/8" MP X 90 deg. X #4 MJ X 1-3/16"		
11	R4155483	1	· HOSE ASSEMBLY, #4 X 12"		
12	R0753123	6	· LOCKWASHER, 3/8"		
13	R0810970	4	· BOLT, 3/8"-16 X 3/4"		
14	R0814157	2	· BOLT, 1/4"-20 X 1"		
15	R4010923	2	· FLATWASHER, 1/4"		
16	R4278924	2	· MOUNT BRACKET, HORN - FRONT, BOTTOM		
17	R4278925	2	· MOUNT BRACKET, HORN - FRONT, TOP		
18	R0808476	2	· BOLT, 3/8"-16 X 1-1/4"		
19	R0808221	4	· FLATWASHER, 3/8"		
20	R0812921	2	· NUT, 3/8"-16		
			DRAWING, AIR HORN KIT (R427089102)		

**L-2350-2242 PARTS MANUAL
AIR HORN KIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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FRONT RELAY VALVE ASSEMBLY

4

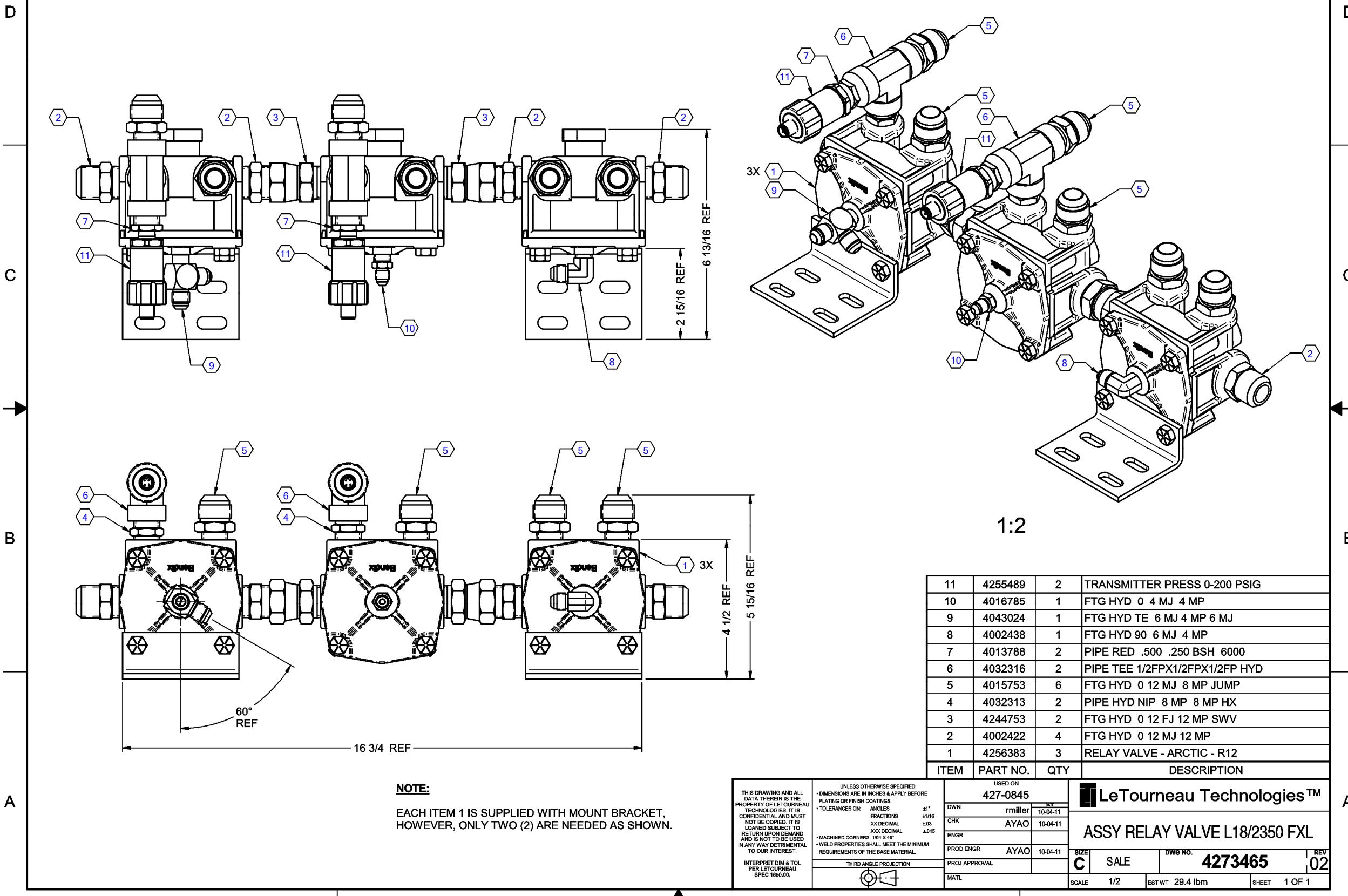
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2

1

REVISIONS

ZONE	REV	DESCRIPTION	ECN	DATE	CHG	CHK	APP
	01	ITEM 11 WAS 4255494	NL11-1727	11-1-11	TEW	AY	AY
	B2	ITEM 11 WAS QTY (REF)	NL12-1557	5-7-12	JFM	BS	BS



NOTE:

EACH ITEM 1 IS SUPPLIED WITH MOUNT BRACKET,
HOWEVER, ONLY TWO (2) ARE NEEDED AS SHOWN.

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PER ASME Y14.5M
SPEC 1650.00.

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PLATING OR FINISH COATINGS.
• TOLERANCES ON ANGLES: ±1°
FRACTIONS: ±1/16
XX DECIMAL: ±.03
XX X DECIMAL: ±.015
• MACHINED CORNERS: 1/8" MIN
• WELD PROPERTIES SHALL MEET THE MINIMUM
REQUIREMENTS OF THE BASE MATERIAL.

USED ON
427-0845
DWN rmiller DATE
10-04-11
CHK AYAO 10-04-11
ENGR
PROD ENGR AYAO 10-04-11
THIRD ANGLE PROJECTION
PROJ APPROVAL
MATL

LeTourneau Technologies™
ASSY RELAY VALVE L18/2350 FXL
SIZE C SALE DWG NO. **4273465** REV 02
SCALE 1/2 EST WT 29.4 lbm SHEET 1 OF 1

FRONT RELAY VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
FRONT RELAY VALVE ASSEMBLY**

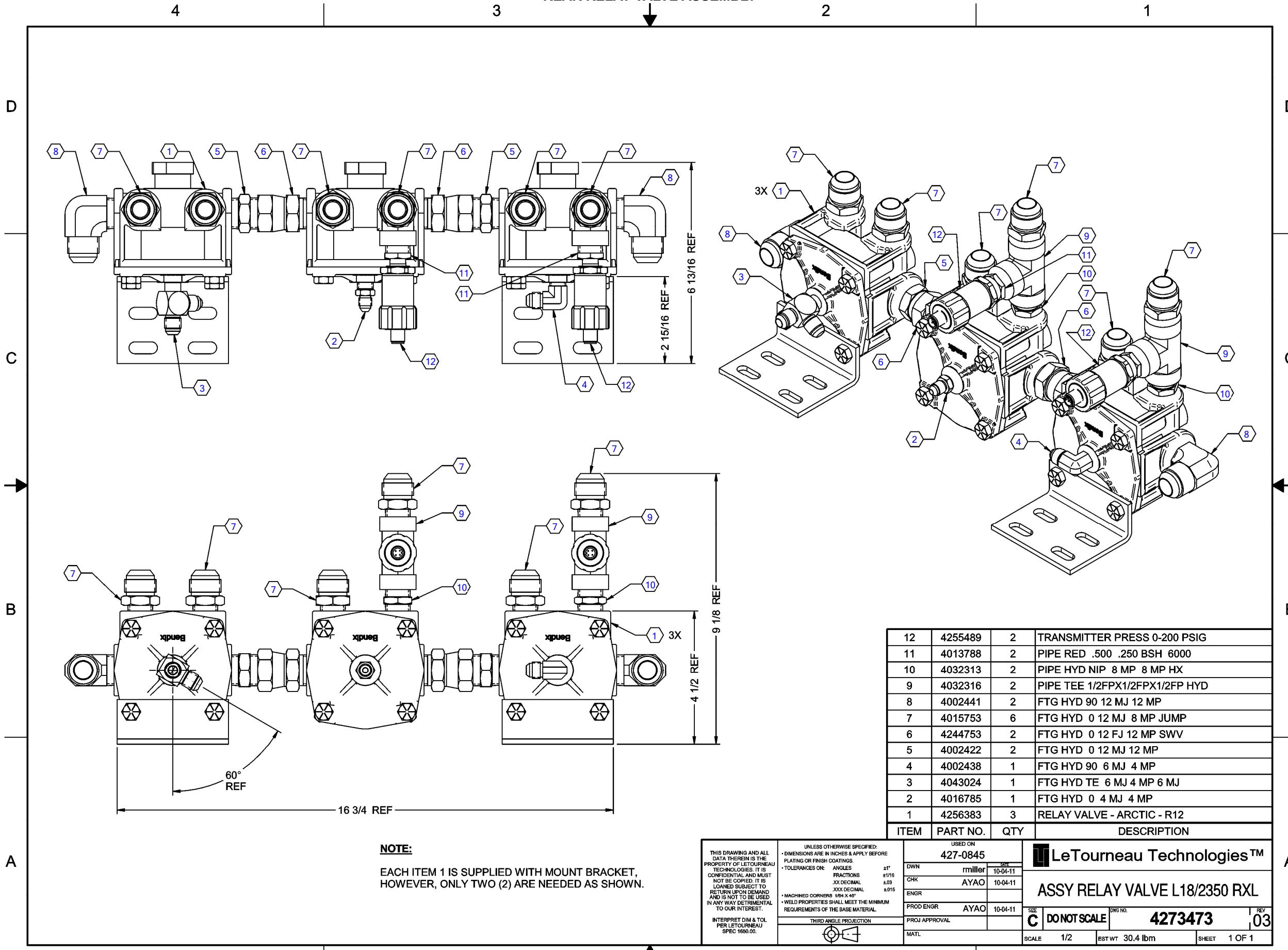
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273465		FRONT RELAY VALVE ASSEMBLY		
1	R4256383	3	· VALVE, RELAY - R12 BENDIX		
	R4261362	3	· · REPAIR KIT, RELAY VALVE		
	R4261665	3	· · · O-RING		
	R4261664	3	· · · BACKUP RING		
	R4261360	3	· · · SEAL KIT		
	R4261667	3	· · · SPRING		
2	R4002422	4	· ADAPTER, 3/4" MP X #12 MJ		
3	R4244753	2	· ADAPTER, 3/4" MP X #12 FJ - SWIVEL		
4	R4032313	2	· NIPPLE, PIPE - 1/2", HEX		
5	R4015753	6	· ADAPTER, 1/2" MP X #12 MJ		
6	R4032316	2	· TEE, 1/2" FP		
7	R4013788	2	· BUSHING, 1/4" FP X 1/2" MP		
8	R4002438	1	· ELBOW, 1/4" MP X 90 deg. X #6 MJ		
9	R4043024	1	· TEE, #6 MJ X 1/4" MP X #6 MJ		
10	R4016785	1	· ADAPTER, 1/4" MP X #4 MJ		
11	R4255489	2	· TRANSMITTER, PRESSURE - 0-200 PSI		
		REF	DRAWING, FRONT RELAY VALVE ASSEMBLY (R427346502)		

**L-2350-2242 PARTS MANUAL
FRONT RELAY VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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REAR RELAY VALVE ASSEMBLY



REAR RELAY VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
REAR RELAY VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273473		REAR RELAY VALVE ASSEMBLY		6/21/18
1	R4256383	3	· VALVE, RELAY - R12 BENDIX		
	R4261362	3	· · REPAIR KIT, RELAY VALVE		
	R4261665	3	· · O-RING		
	R4261664	3	· · BACKUP RING		
	R4261360	3	· · SEAL KIT		
	R4261667	3	· · SPRING		
2	R4016785	1	· ADAPTER, 1/4" MP X #4 MJ		
3	R4043024	1	· TEE, #6 MJ X 1/4" MP X #6 MJ		
4	R4002438	1	· ELBOW, 1/4" MP X 90 deg. X #6 MJ		
5	R4002422	2	· ADAPTER, 3/4" MP X #12 MJ		
6	R4244753	2	· ADAPTER, 3/4" MP X #12 FJ - SWIVEL		
7	R4015753	6	· ADAPTER, 1/2" MP X #12 MJ		
8	R4002441	2	· ELBOW, 3/4" MP X 90 deg. X #12 MJ		
9	R4032316	2	· TEE, 1/2" FP		
10	R4032313	2	· NIPPLE, PIPE - 1/2", HEX		
11	R4013788	2	· BUSHING, 1/4" FP X 1/2" MP		
12	R4255489	2	· TRANSMITTER, PRESSURE - 0-200 PSI		
		REF	DRAWING, REAR RELAY VALVE ASSEMBLY (R427347303)		6/21/18

**L-2350-2242 PARTS MANUAL
REAR RELAY VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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REAR FRAME TRANSDUCER ASSEMBLY

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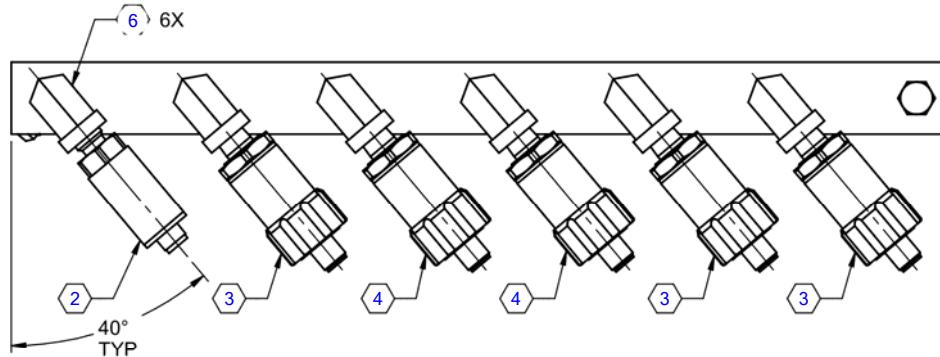
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REVISIONS

ZONE	REV	DESCRIPTION	ECN	DATE	CHG	CHK	APP
	00	RELEASED	NL12-2011	2-23-12	RRM	AY	AY
	01	ADDED ITEM 9 (TEE)	NL12-1591	7-16-12	JFM	AY	AY

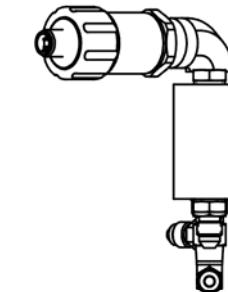
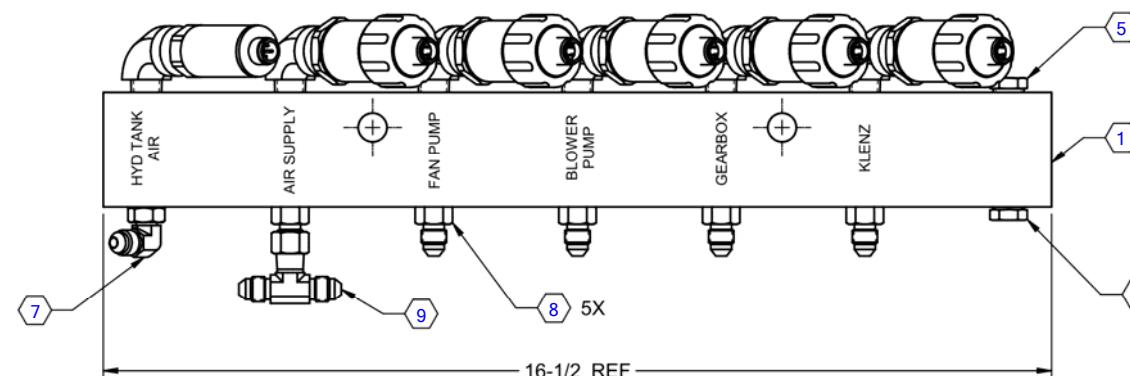
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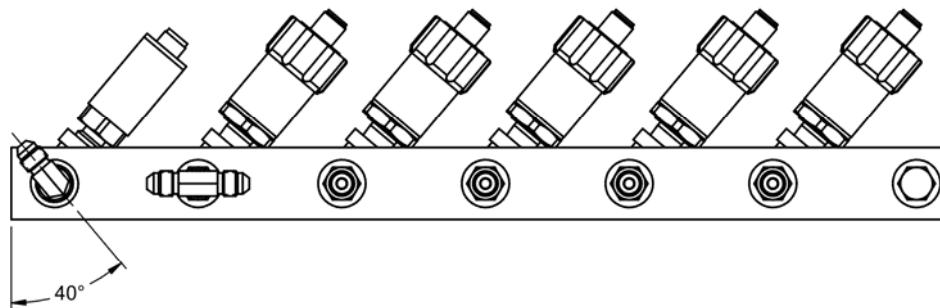
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• TOLERANCES ON ANGLES: ±1°
FRACTIONS: ±1/16
XX DECIMAL: ±.03
XXX DECIMAL: ±.015
• MACHINED CORNERS: 1/8 IN. MAX
• WELD PROPERTIES SHALL MEET THE MINIMUM REQUIREMENTS OF THE BASE MATERIAL.

THIRD ANGLE PROJECTION
PROJ APPROVAL
MATL

USED ON
426-7493
DWN rmiller 2/23-12
CHK A.YAO 2/23-12
ENGR A.YAO 2/23-12
PROD ENGR A.YAO 2/23-12
REV C D NT SCALE DWG NO. 4275726 01

LeTourneau Technologies™
ASSY TRANSDUCER REAR FRAME
SCALE 1/2 EST WT 13.2 lbm SHEET 1 OF 1

4

3

2

1

REAR FRAME TRANSDUCER ASSEMBLY

**L-2350-2242 PARTS MANUAL
REAR FRAME TRANSDUCER ASSEMBLY**

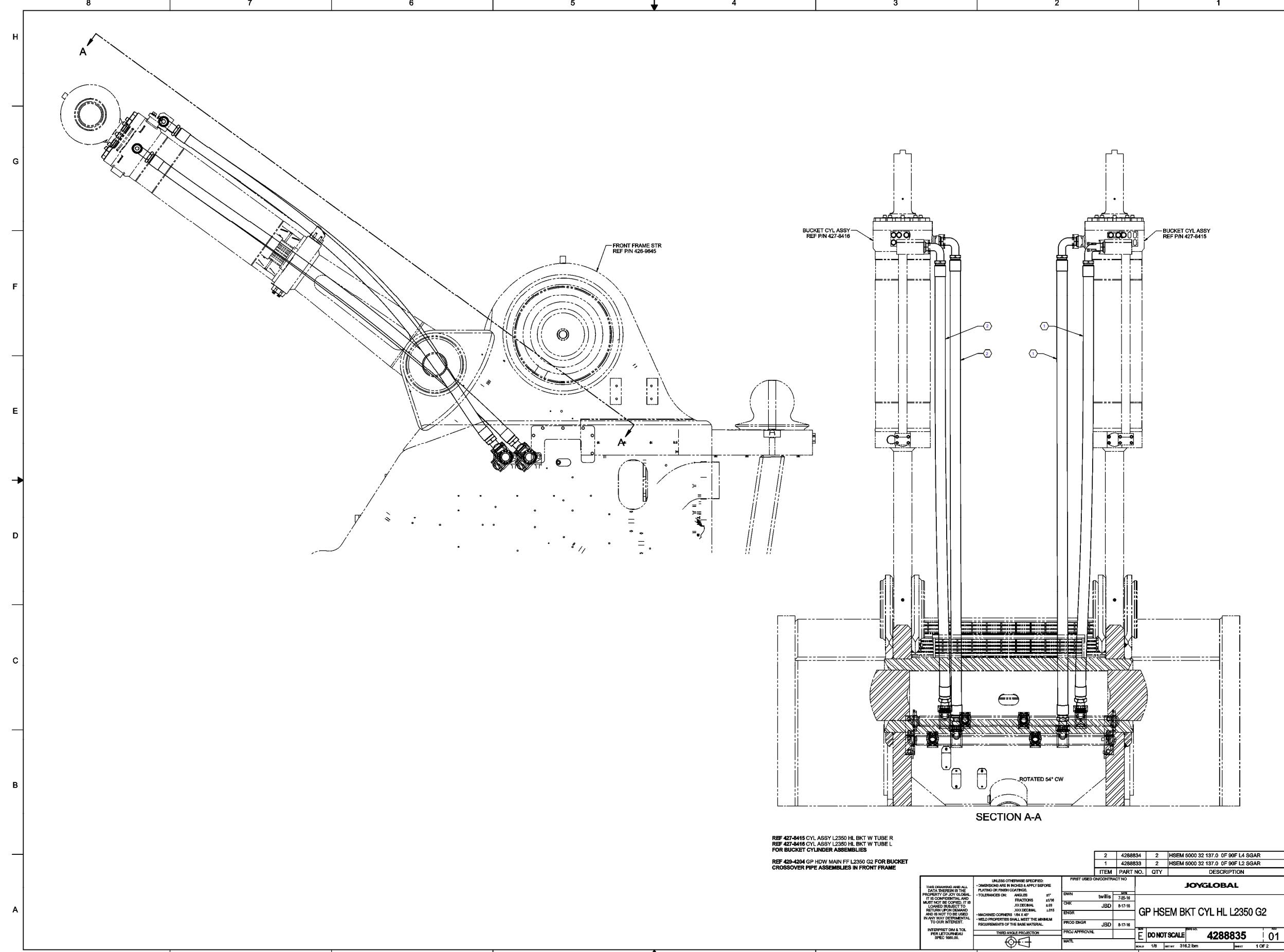
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4275726		REAR FRAME TRANSDUCER ASSEMBLY		
1	R4241115	1	· MANIFOLD HOUSING		
2	R4265196	1	· TRANSMITTER, PRESSURE - 0-15 PSI		
3	R4255489	3	· TRANSMITTER, PRESSURE - 0-200 PSI		
4	R4255491	2	· TRANSMITTER, PRESSURE - 0-5000 PSI		
5	R4013779	2	· PLUG, PIPE - 1/4", HEX HD.		
6	R4031400	6	· ELBOW, 1/4" FP X 90 deg. X 1/4" MP		
7	R4014581	1	· ELBOW, #4 MO X 90 deg. X #4 MJ - ADJ.		
8	R4014580	5	· ADAPTER, #4 MO X #4 MJ		
9	R4063332	1	· TEE, #4 MJ X #4 MJ X #4 FJ - SWIVEL		
			DRAWING, REAR FRAME TRANSDUCER ASSEMBLY (R427572601)		

**L-2350-2242 PARTS MANUAL
REAR FRAME TRANSDUCER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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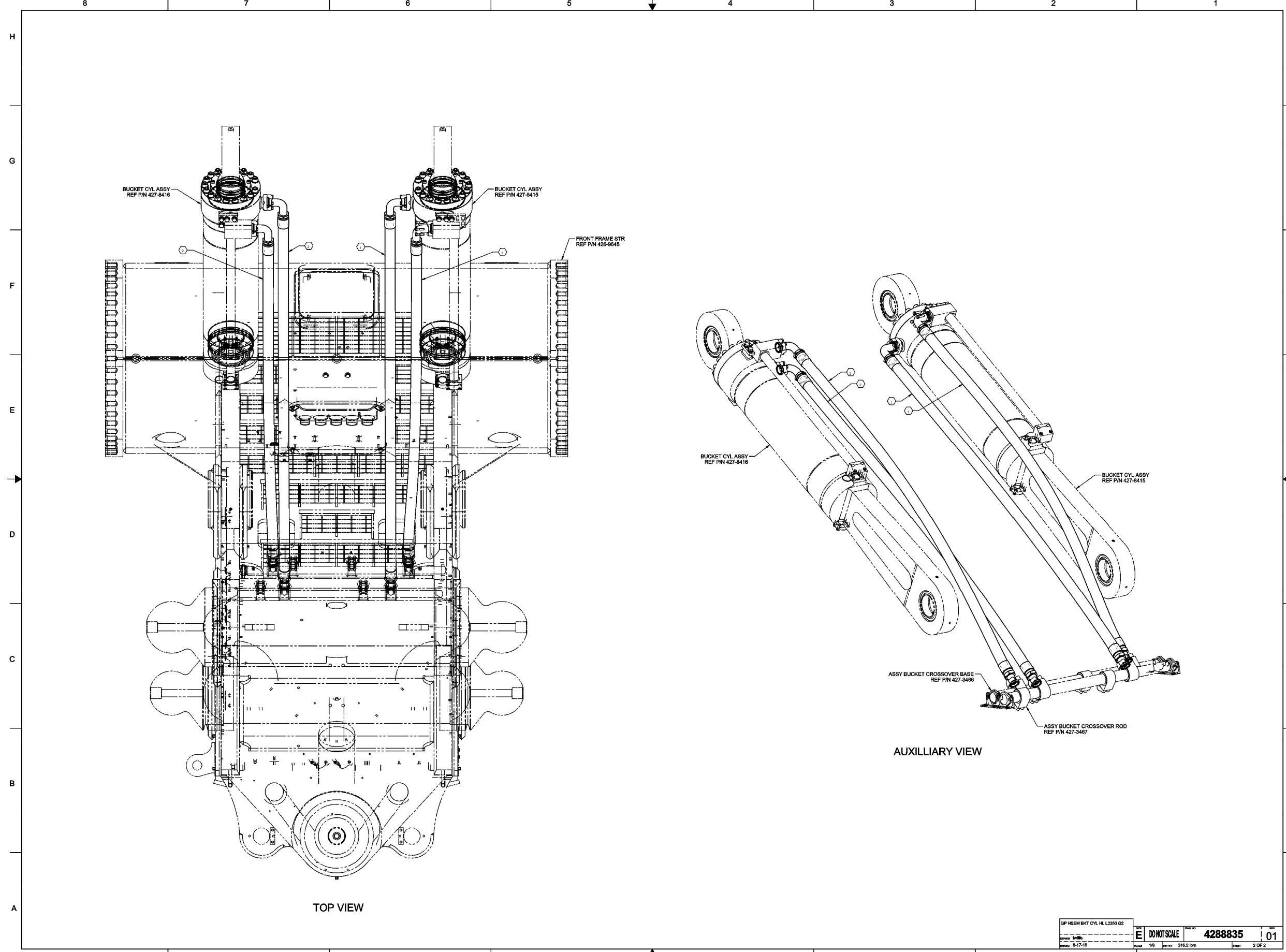
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BUCKET CYLINDER HOSE GROUP - HIGH LIFT



BUCKET CYLINDER HOSE GROUP - HIGH LIFT

BUCKET CYLINDER HOSE GROUP - HIGH LIFT



BUCKET CYLINDER HOSE GROUP - HIGH LIFT

L-2350-2242 PARTS MANUAL
BUCKET CYLINDER HOSE GROUP - HIGH LIFT

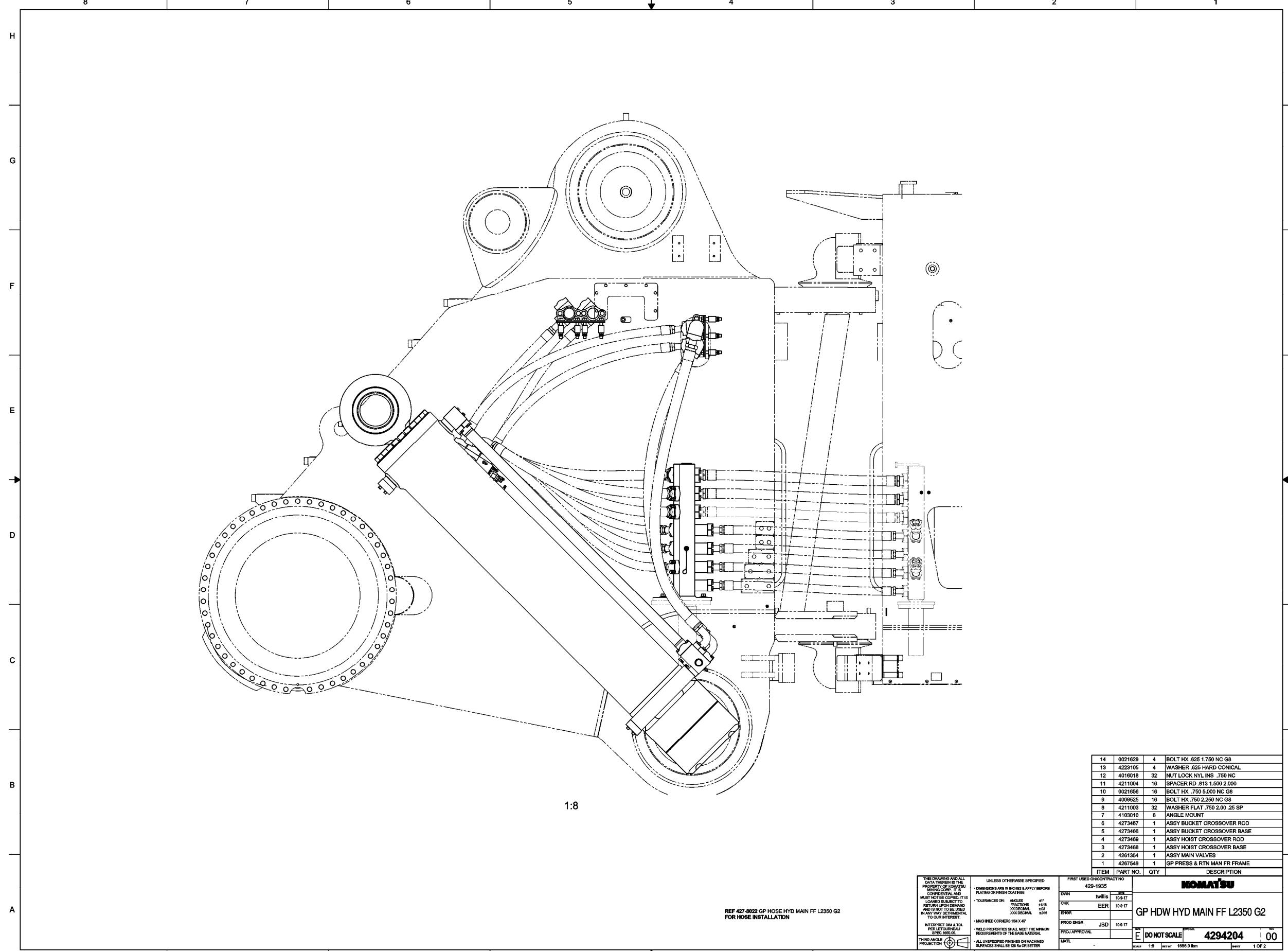
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4288835		BUCKET CYLINDER HOSE GROUP - HIGH LIFT		
1	R4288833	2	· HOSE ASSEMBLY, #32 X 137" - MDG		
2	R4288834	2	· HOSE ASSEMBLY, #32 X 137" - MDG		
		REF	DRAWING, BUCKET CYLINDER HOSE GROUP - HIGH LIFT (R428883501)		

**L-2350-2242 PARTS MANUAL
BUCKET CYLINDER HOSE GROUP - HIGH LIFT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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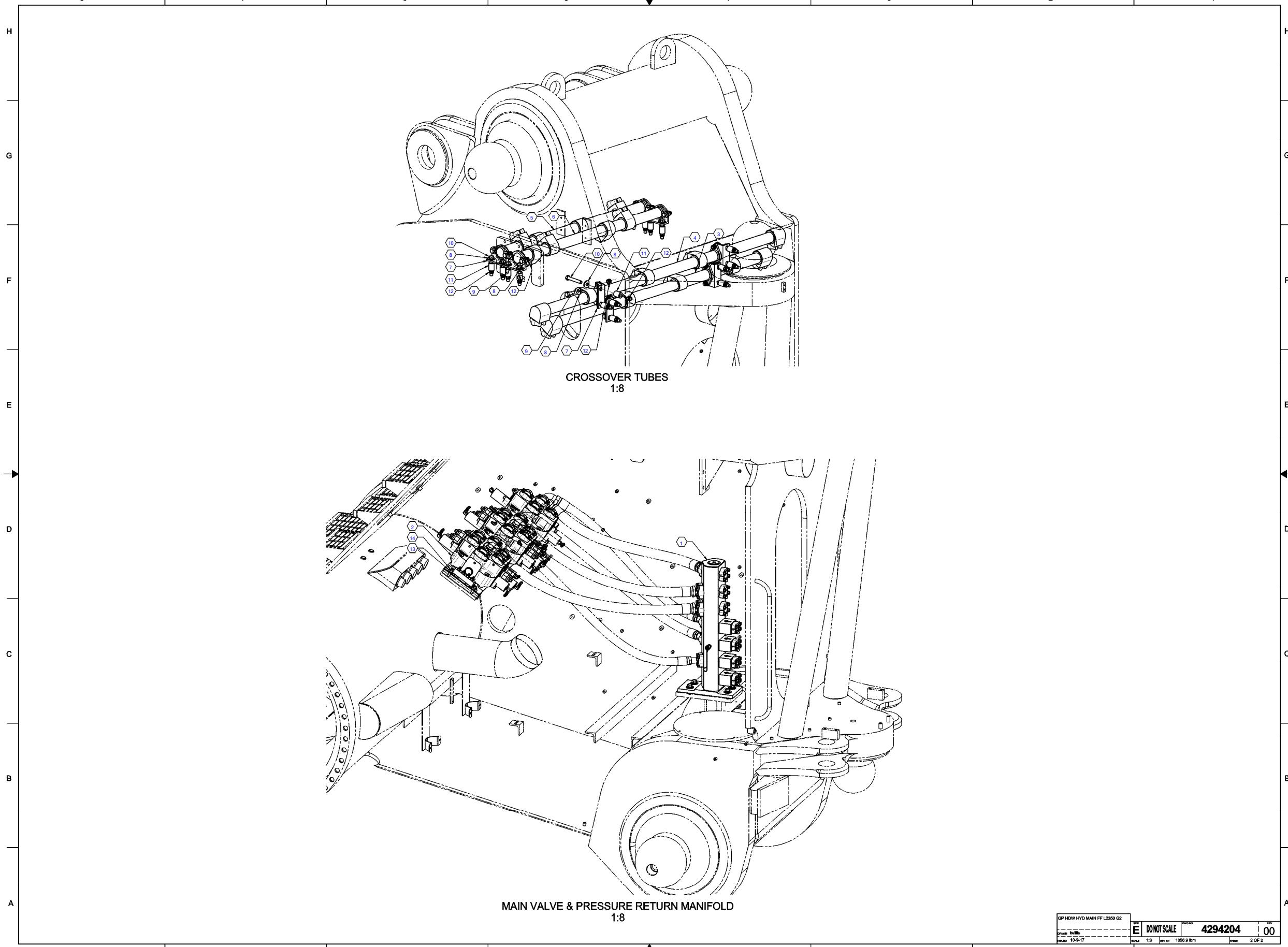
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FRONT FRAME MAIN HARDWARE GROUP



FRONT FRAME MAIN HARDWARE GROUP

FRONT FRAME MAIN HARDWARE GROUP



GP HOW HYD MAIN FF L2350 G2
DRAWN BY: [unclear]
REVISED: 10-9-17
SCALE: 1:8 mm/mm 1855.9 lb/in
PAGES: 1 OF 2

FRONT FRAME MAIN HARDWARE GROUP

L-2350-2242 PARTS MANUAL
FRONT FRAME MAIN HARDWARE GROUP

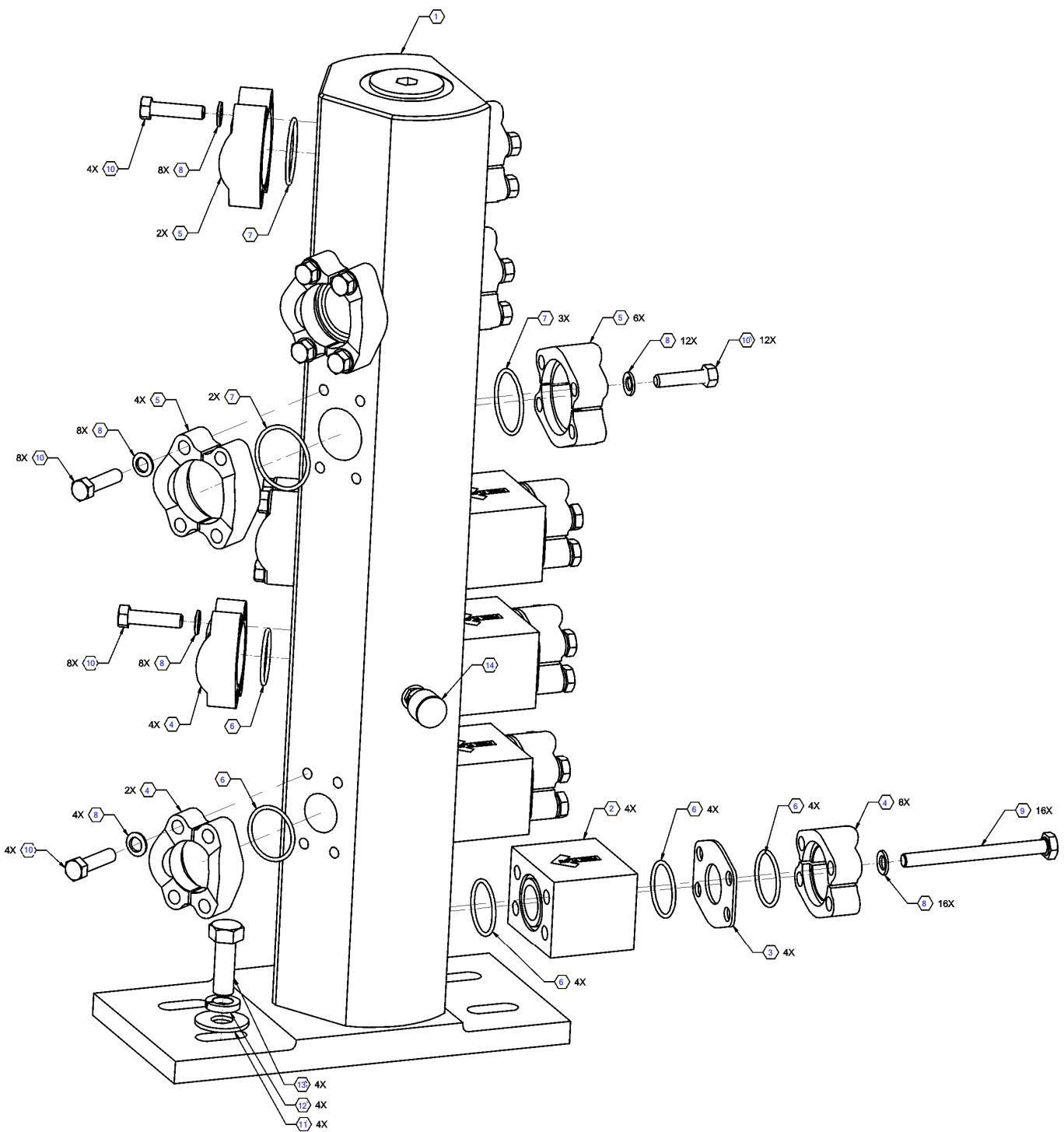
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4294204		FRONT FRAME MAIN HARDWARE GROUP		
1	R4267549	1	· FRONT FRAME PRESSURE AND RETURN MANIFOLD GROUP (PAGE 8.59-8.59A)		
2	R4261354	1	· MAIN VALVES ASSEMBLY (PAGE 8.25-8.25A)		
3	R4273468	1	· CROSSOVER PIPE ASSEMBLY - HOIST BASE (PAGE 8.63-8.63A)		
4	R4273469	1	· CROSSOVER PIPE ASSEMBLY - HOIST ROD (PAGE 8.64-8.64A)		
5	R4273466	1	· CROSSOVER PIPE ASSEMBLY - BUCKET BASE (PAGE 8.65-8.65A)		
6	R4273467	1	· CROSSOVER PIPE ASSEMBLY - BUCKET ROD (PAGE 8.66-8.66A)		
7	R4103010	8	· MOUNT BRACKET, ANGLE		
8	R4211003	32	· FLATWASHER, 3/4" I.D. X 2" O.D. X 1/4" - CUT, HARDENED		
9	R4009525	16	· BOLT, 3/4"-10 X 2-1/4"		
10	R0021656	16	· BOLT, 3/4"-10 X 5"		
11	R4211004	16	· SPACER, 13/16" I.D. X 1-1/2" O.D. X 2"		
12	R4016018	32	· LOCKNUT, 3/4"-10 - NYLON		
13	R4223105	4	· FLATWASHER, 5/8" I.D. X 1-3/4" O.D. X 1/8" - CONICAL		
14	R0021629	4	· BOLT, 5/8"-11 X 1-3/4"		
		REF	DRAWING, FRONT FRAME MAIN HARDWARE GROUP (R429420400)		

**L-2350-2242 PARTS MANUAL
FRONT FRAME MAIN HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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FRONT FRAME PRESSURE AND RETURN MANIFOLD GROUP



FRONT FRAME PRESSURE AND RETURN MANIFOLD GROUP

L-2350-2242 PARTS MANUAL
FRONT FRAME PRESSURE AND RETURN MANIFOLD GROUP

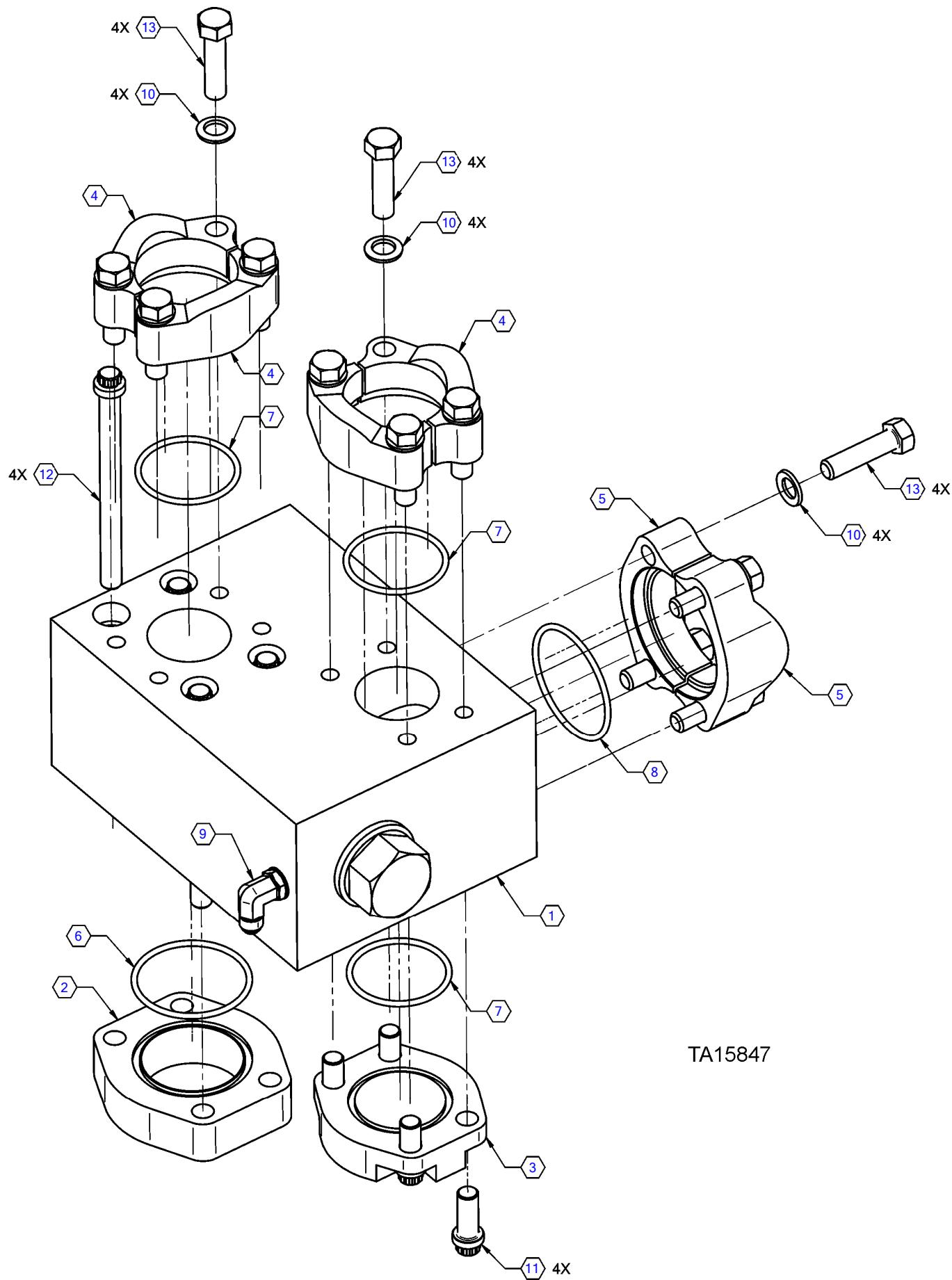
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4267549		FRONT FRAME PRESSURE AND RETURN MANIFOLD GROUP		6/21/18
1	R4281663	1	· MANIFOLD BLOCK STRUCTURE - FRONT		
	R4241329	2	· · PLUG, #32 MO - HEX CSK.		
2	R4133249	4	· VALVE, CHECK - 1-1/2" SF		
3	R4143664	4	· PLATE, CONNECTOR - 1-1/2"		
4	R4186401	14	· FLANGE HALF, 1-1/2"		
5	R4186402	12	· FLANGE HALF, 2"		
6	R4068358	15	· O-RING, 1-7/8" I.D. - POLYURETHANE		
7	R4071255	6	· O-RING, 2-1/4" I.D. - POLYURETHANE		
8	R4210349	52	· FLATWASHER, 1/2" - HARDENED		
9	R4222260	16	· BOLT, 1/2"-13 X 5-3/4"		
10	R0827222	35	· BOLT, 1/2"-13 X 2"		
11	R0735509	4	· FLATWASHER, 3/4" I.D. X 2" X 1/8"		
12	R0131167	4	· LOCKWASHER, 3/4" - HEAVY		
13	R4009525	4	· BOLT, 3/4"-10 X 2-1/4"		
14	R4223018	2	· COUPLING ASSEMBLY, QUICK - MALE X #6 MO		
	R4222435	2	· · COUPLING, QUICK - MALE X 1/4" FP		
	R4222437	2	· · CAP, QUICK COUPLING		
	R4051567	2	· · ADAPTER, #6 MO X 1/4" MP		
	R4133132	2	· · O-RING, 1/2" I.D. - POLYURETHANE		
			DRAWING, FRONT FRAME PRESSURE AND RETURN MANIFOLD GROUP (426754902)		6/21/18

L-2350-2242 PARTS MANUAL
FRONT FRAME PRESSURE AND RETURN MANIFOLD GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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SINGLE FLOAT VALVE ASSEMBLY - RIGHT HAND



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SINGLE FLOAT VALVE ASSEMBLY - RIGHT HAND

L-2350-2242 PARTS MANUAL
SINGLE FLOAT VALVE ASSEMBLY - RIGHT HAND

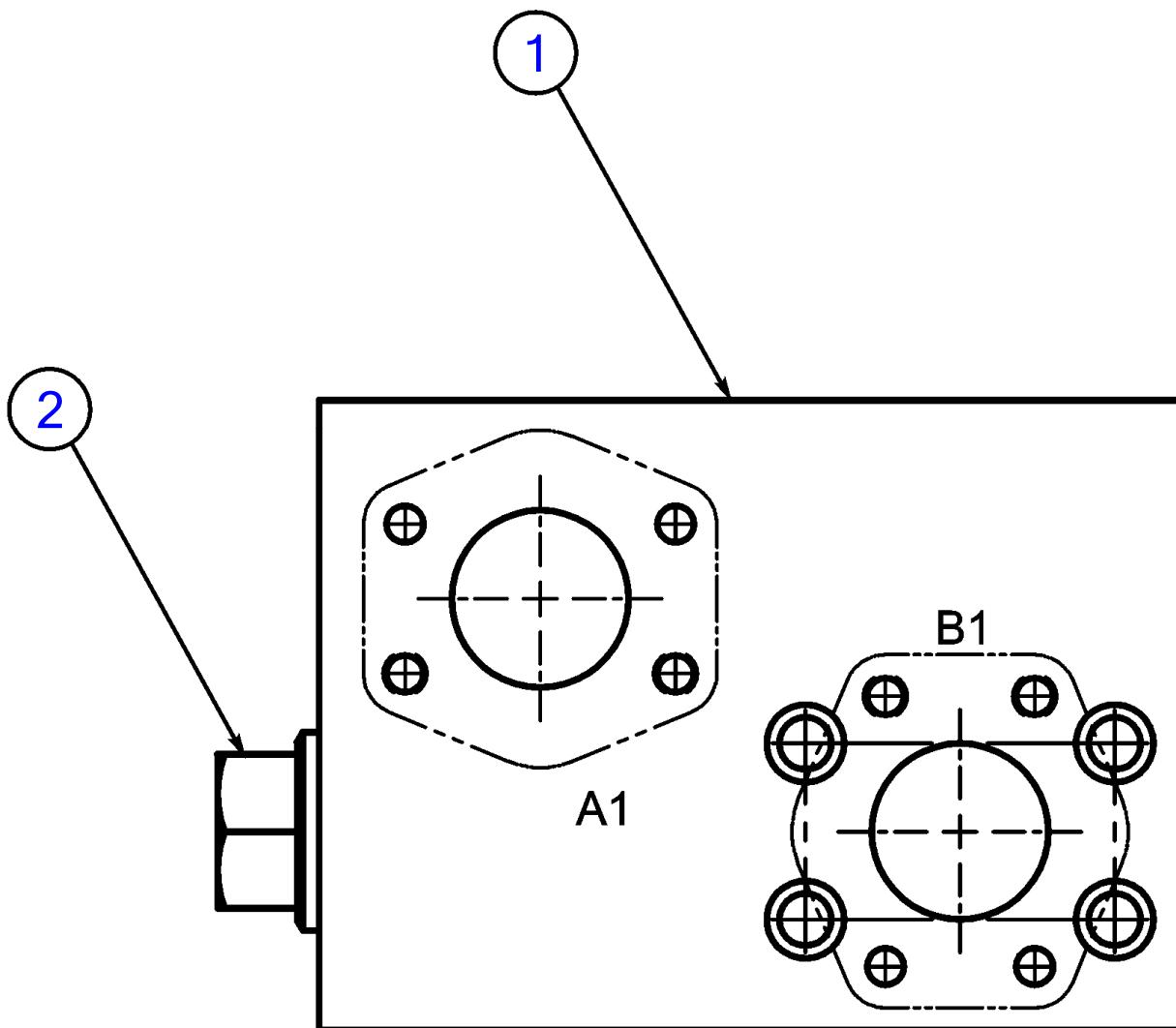
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273461		SINGLE FLOAT VALVE ASSEMBLY - RIGHT HAND		
1	R4244894	1	· SINGLE FLOAT VALVE (PAGE 8.61-8.61A)		
2	R4172157	1	· PLATE, CONNECTOR - 2-1/2"		
3	R4163959	1	· PLUG, SF - 2"		
4	R4186402	4	· FLANGE HALF, 2"		
5	R4222106	2	· FLANGE HALF, 2-1/2"		
6	R4154858	2	· O-RING, 2-5/8" I.D. - POLYURETHANE		
7	R4071255	3	· O-RING, 2-1/4" I.D. - POLYURETHANE		
8	R4116301	1	· O-RING, 2-3/4" I.D. - POLYURETHANE		
9	R4002470	1	· ELBOW, #6 MO X 90 deg. X #6 MJ - ADJ.		
10	R4210349	12	· FLATWASHER, 1/2" - HARDENED		
11	R4001869	4	· CAPSCREW, 1/2"-13 X 1-1/4"		
12	R4001883	4	· CAPSCREW, 1/2"-13 X 6"		
13	R0827222	12	· BOLT, 1/2"-13 X 2"		
			DRAWING, SINGLE FLOAT VALVE ASSEMBLY - RIGHT HAND (R427346101)		

**L-2350-2242 PARTS MANUAL
SINGLE FLOAT VALVE ASSEMBLY - RIGHT HAND**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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SINGLE FLOAT VALVE



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SINGLE FLOAT VALVE

**L-2350-2242 PARTS MANUAL
SINGLE FLOAT VALVE**

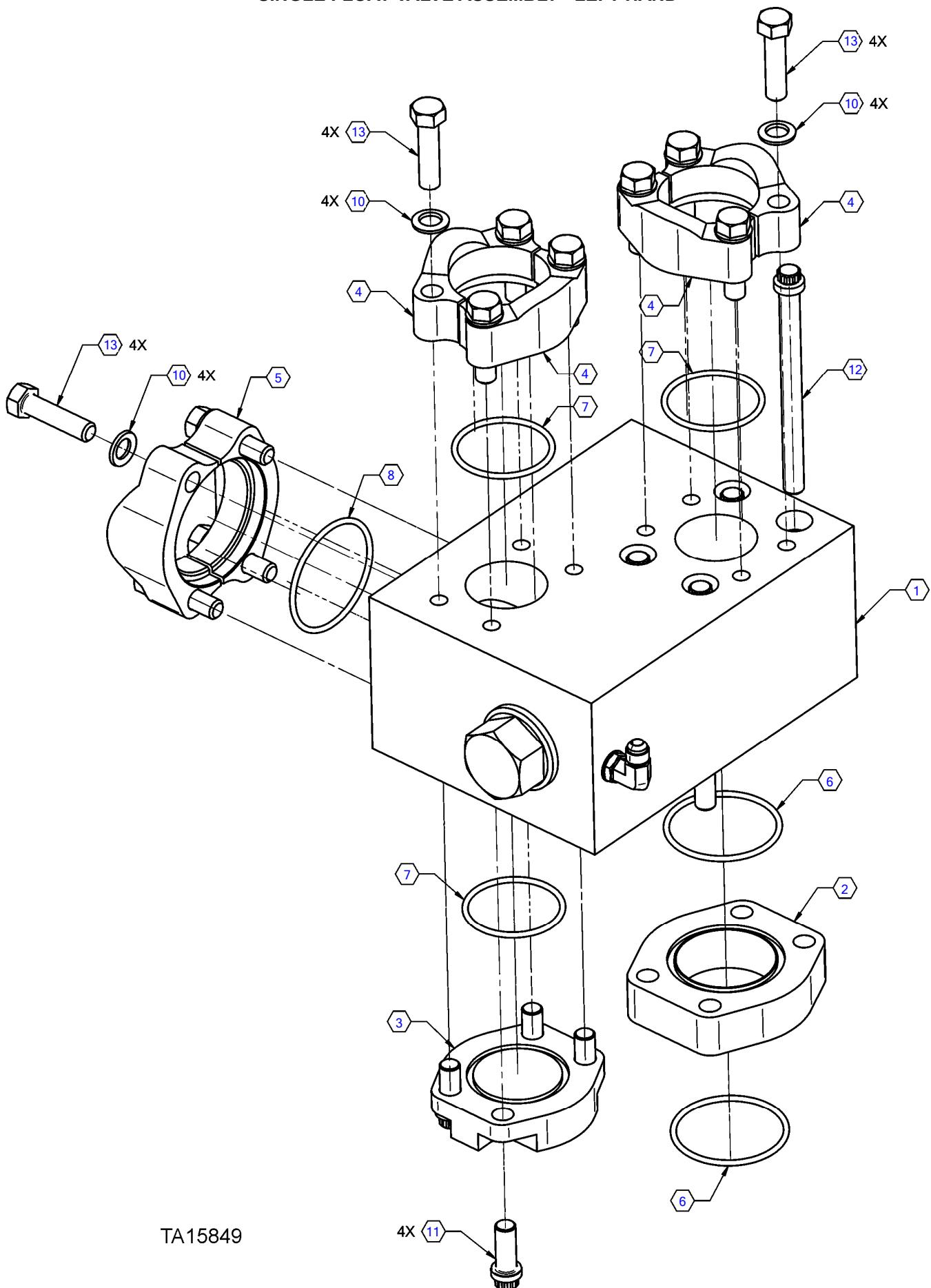
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4244894		SINGLE FLOAT VALVE		6/21/18
1	R4293151	1	· MANIFOLD, FLOAT VALVE		6/21/18
2	R4163658	1	· CARTRIDGE, LOGIC ELEMENT - N.C.		6/21/18
	R4163659	1	SEAL KIT		
			DRAWING, SINGLE FLOAT VALVE (R424489406)		

**L-2350-2242 PARTS MANUAL
SINGLE FLOAT VALVE**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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SINGLE FLOAT VALVE ASSEMBLY - LEFT HAND



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8.62A.1|R4273462

SINGLE FLOAT VALVE ASSEMBLY - LEFT HAND

L-2350-2242 PARTS MANUAL
SINGLE FLOAT VALVE ASSEMBLY - LEFT HAND

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273462		SINGLE FLOAT VALVE ASSEMBLY - LEFT HAND		
1	R4244894	1	· SINGLE FLOAT VALVE (PAGE 8.61-8.61A)		
2	R4172157	1	· PLATE, CONNECTOR - 2-1/2"		
3	R4163959	1	· PLUG, SF - 2"		
4	R4186402	4	· FLANGE HALF, 2"		
5	R4222106	2	· FLANGE HALF, 2-1/2"		
6	R4154858	2	· O-RING, 2-5/8" I.D. - POLYURETHANE		
7	R4071255	3	· O-RING, 2-1/4" I.D. - POLYURETHANE		
8	R4116301	1	· O-RING, 2-3/4" I.D. - POLYURETHANE		
9	R4002470	1	· ELBOW, #6 MO X 90 deg. X #6 MJ - ADJ.		
10	R4210349	12	· FLATWASHER, 1/2" - HARDENED		
11	R4001869	4	· CAPSCREW, 1/2"-13 X 1-1/4"		
12	R4001883	4	· CAPSCREW, 1/2"-13 X 6"		
13	R0827222	12	· BOLT, 1/2"-13 X 2"		
			DRAWING, SINGLE FLOAT VALVE ASSEMBLY - LEFT HAND (R427346201)		

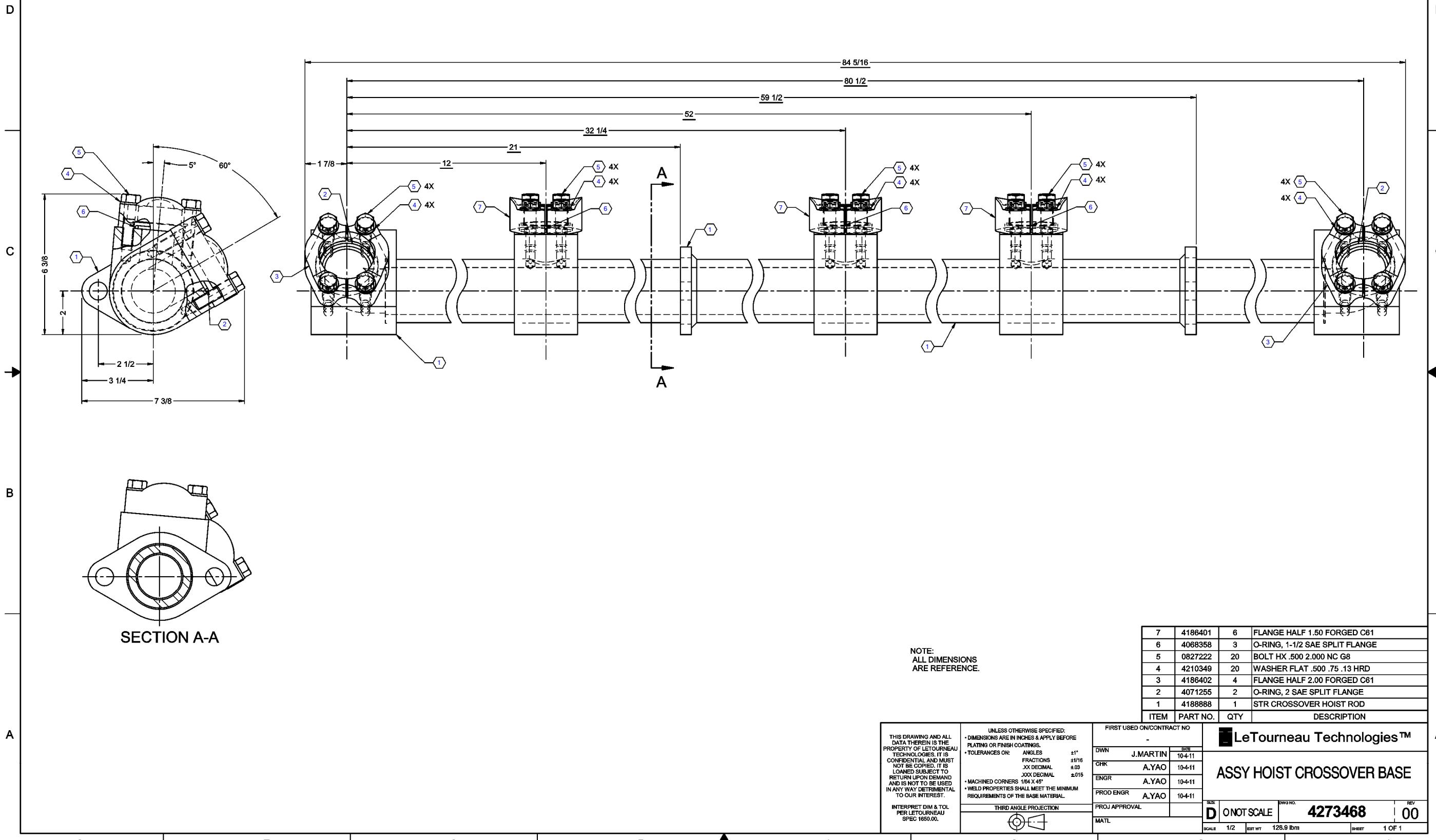
L-2350-2242 PARTS MANUAL
SINGLE FLOAT VALVE ASSEMBLY - LEFT HAND

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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CROSSOVER PIPE ASSEMBLY - HOIST BASE

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

REV		DESCRIPTION		ECN	DATE	CHG/APP
00	RELEASE			NL11-1813	10-4-11	JFM AY AY



8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

CROSSOVER PIPE ASSEMBLY - HOIST BASE

L-2350-2242 PARTS MANUAL
CROSSOVER PIPE ASSEMBLY - HOIST BASE

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273468		CROSSOVER PIPE ASSEMBLY - HOIST BASE		
1	R4188888	1	· PIPE STRUCTURE, CROSSOVER - HOIST BASE		
2	R4071255	2	· O-RING, 2-1/4" I.D. - POLYURETHANE		
3	R4186402	4	· FLANGE HALF, 2"		
4	R4210349	20	· FLATWASHER, 1/2" - HARDENED		
5	R0827222	20	· BOLT, 1/2"-13 X 2"		
6	R4068358	3	· O-RING, 1-7/8" I.D. - POLYURETHANE		
7	R4186401	6	· FLANGE HALF, 1-1/2"		
			DRAWING, CROSSOVER PIPE ASSEMBLY - HOIST BASE (R427346800)		

**L-2350-2242 PARTS MANUAL
CROSSOVER PIPE ASSEMBLY - HOIST BASE**

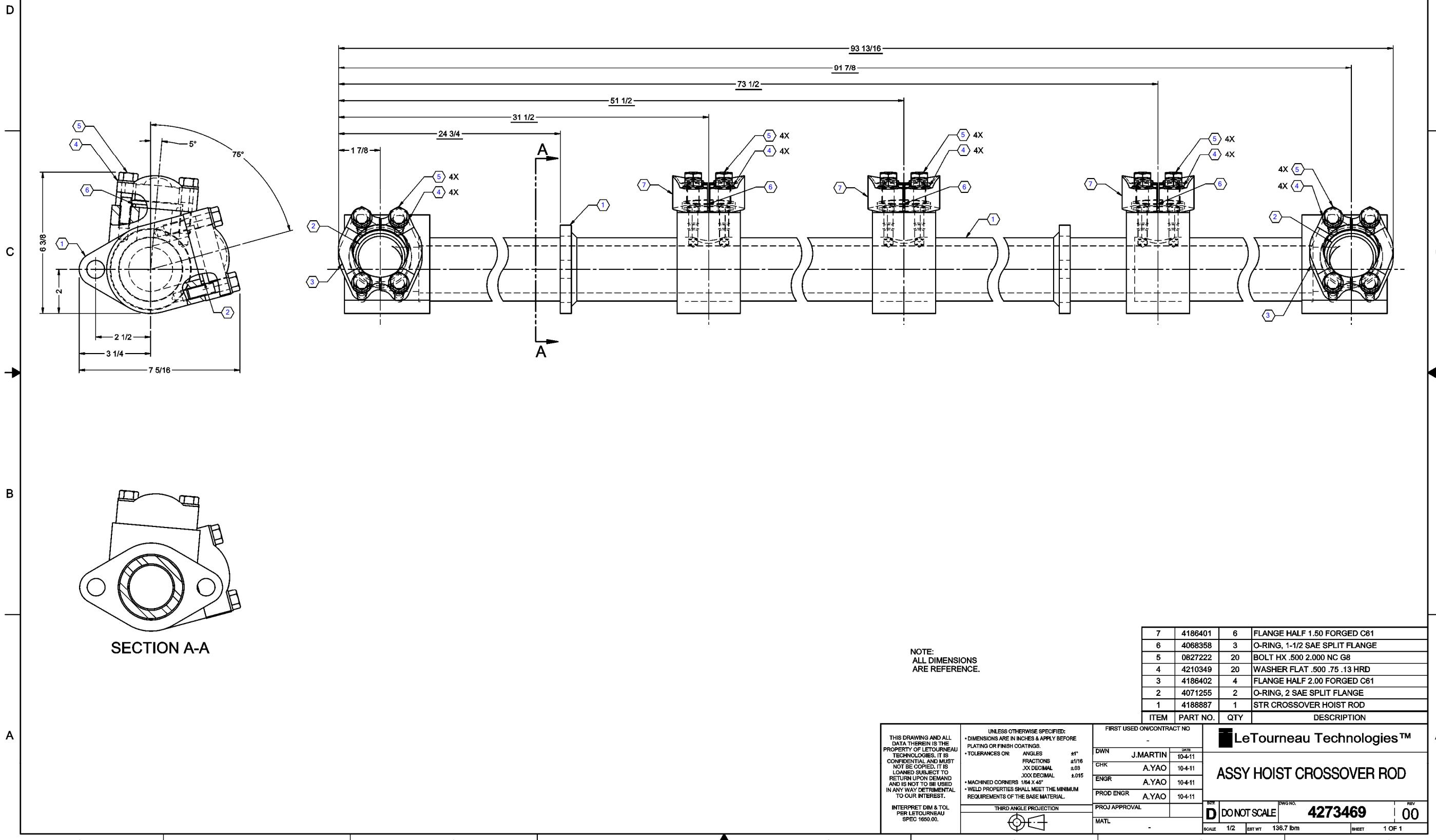
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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CROSSOVER PIPE ASSEMBLY - HOIST ROD

8 7 6 5 4 3 2 1

REV		DESCRIPTION	ECN	DATE	CHG	PP
00	RELEASE	NL11-1813	10-4-11	JFM	AY	AY



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DWN	J.MARTIN	10-4-11	-	ASSY HOIST CROSSOVER ROD	
CHK	A.YAO	10-4-11			
ENGR	A.YAO	10-4-11			
PROD ENGR	A.YAO	10-4-11			
THIRD ANGLE PROJECTION	PROJ APPROVAL				
MATL	-				

8 7 6 5 4 3 2 1

CROSSOVER PIPE ASSEMBLY - HOIST ROD

L-2350-2242 PARTS MANUAL
CROSSOVER PIPE ASSEMBLY - HOIST ROD

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273469		CROSSOVER PIPE ASSEMBLY - HOIST ROD		
1	R4188887	1	· PIPE STRUCTURE, CROSSOVER - HOIST ROD		
2	R4071255	2	· O-RING, 2-1/4" I.D. - POLYURETHANE		
3	R4186402	4	· FLANGE HALF, 2"		
4	R4210349	20	· FLATWASHER, 1/2" - HARDENED		
5	R0827222	20	· BOLT, 1/2"-13 X 2"		
6	R4068358	3	· O-RING, 1-7/8" I.D. - POLYURETHANE		
7	R4186401	6	· FLANGE HALF, 1-1/2"		
			DRAWING, CROSSOVER PIPE ASSEMBLY - HOIST BASE (R427346900)		

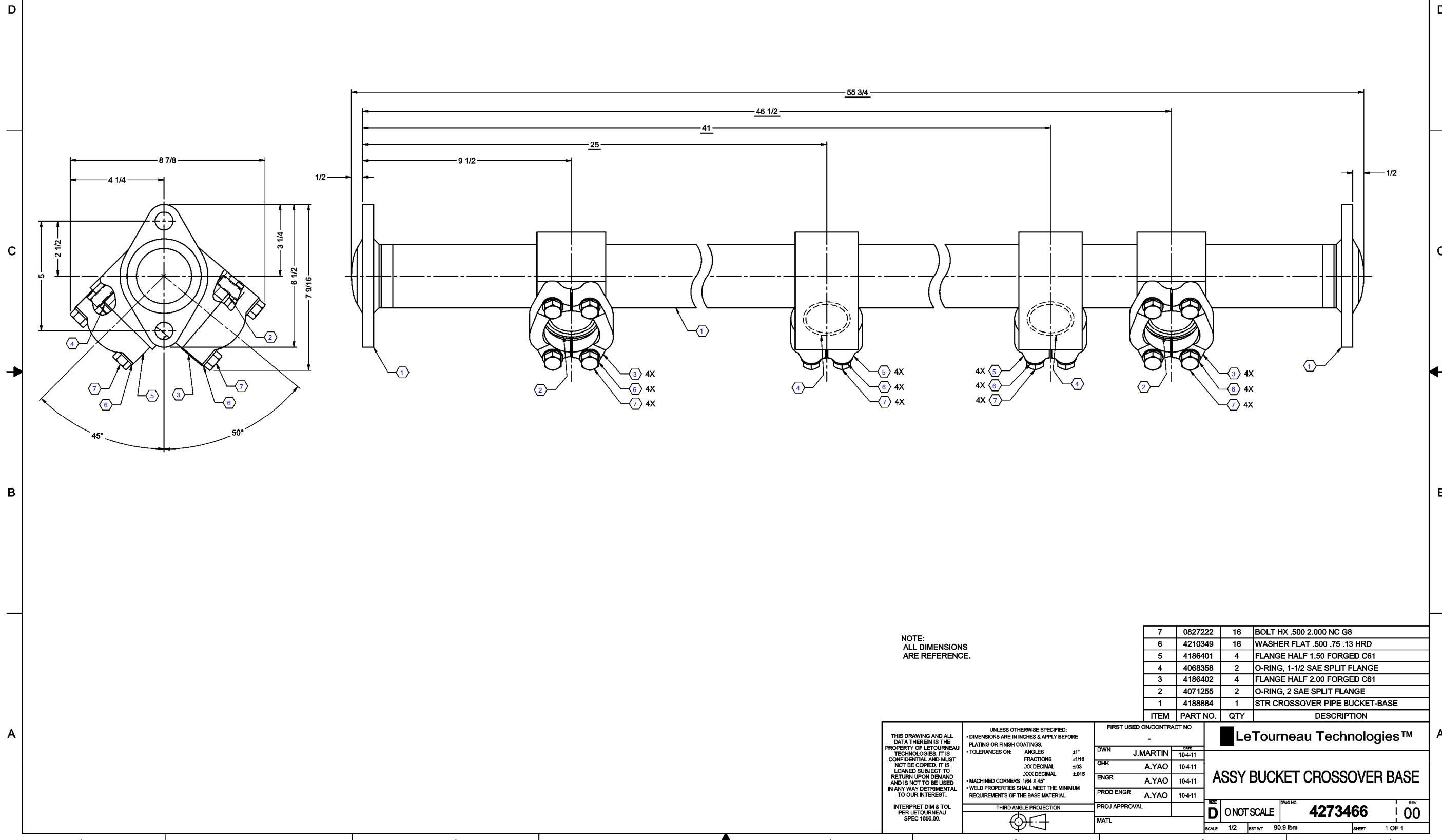
**L-2350-2242 PARTS MANUAL
CROSSOVER PIPE ASSEMBLY - HOIST ROD**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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CROSSOVER PIPE ASSEMBLY - BUCKET BASE

8 7 6 5 4 3 2 1

REV		DESCRIPTION		EDN	DATE	CHG	ISPP
ZONE	REV	DESCRIPTION		EDN	DATE	CHG	ISPP
	00	RELEASE		NL11-1813	10-4-11	JFM	AY AY



CROSSOVER PIPE ASSEMBLY - BUCKET BASE

L-2350-2242 PARTS MANUAL
CROSSOVER PIPE ASSEMBLY - BUCKET BASE

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273466		CROSSOVER PIPE ASSEMBLY - BUCKET BASE		
1	R4188884	1	· PIPE ASSEMBLY, CROSSOVER - BUCKET BASE		
2	R4071255	2	· O-RING, 2-1/4" I.D. - POLYURETHANE		
3	R4186402	4	· FLANGE HALF, 2"		
4	R4068358	2	· O-RING, 1-7/8" I.D. - POLYURETHANE		
5	R4186401	4	· FLANGE HALF, 1-1/2"		
6	R4210349	16	· FLATWASHER, 1/2" - HARDENED		
7	R0827222	16	· BOLT, 1/2"-13 X 2"		
			DRAWING, CROSSOVER PIPE ASSEMBLY - BUCKET BASE (R427346600)		

**L-2350-2242 PARTS MANUAL
CROSSOVER PIPE ASSEMBLY - BUCKET BASE**

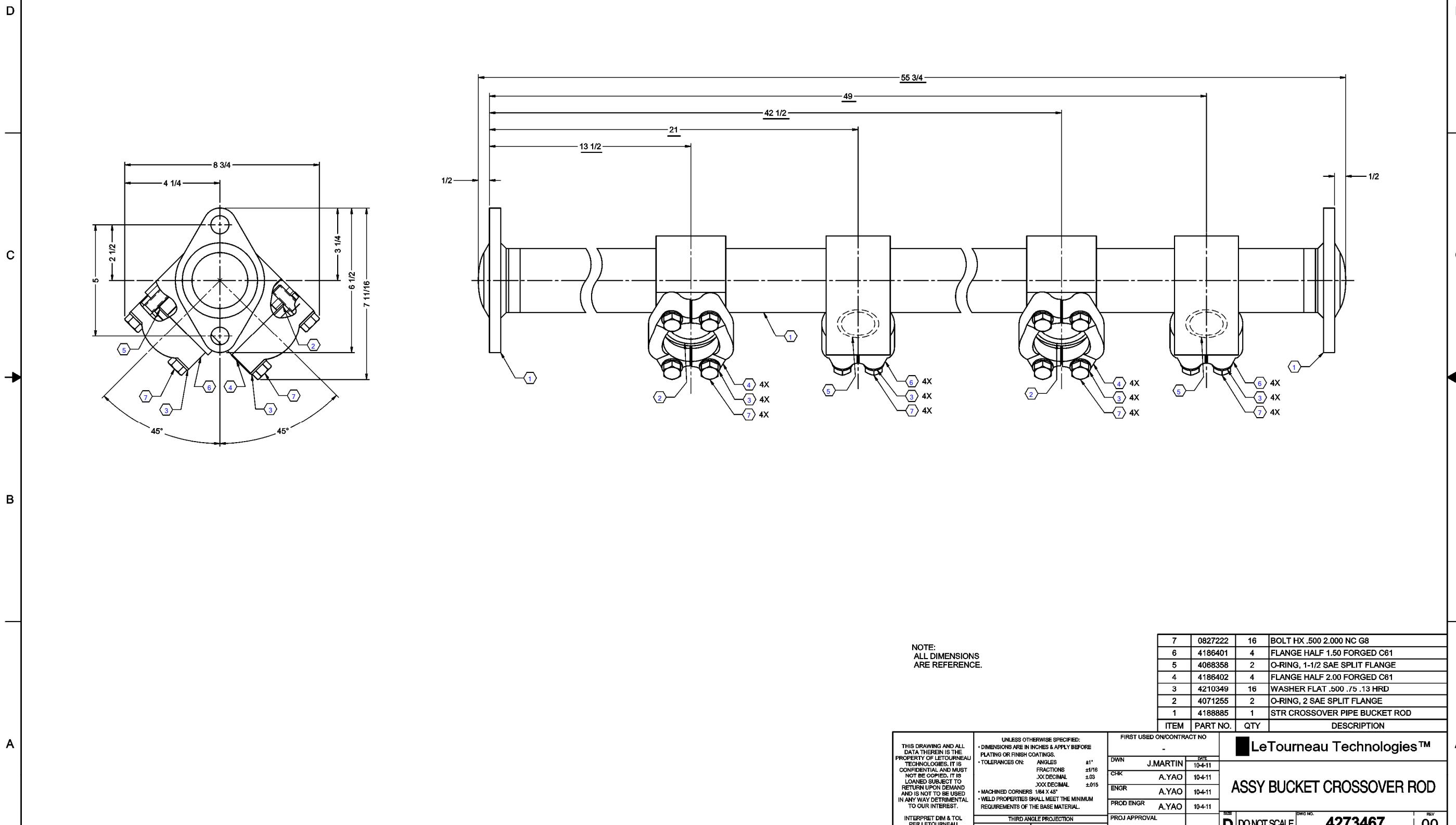
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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CROSSOVER PIPE ASSEMBLY - BUCKET ROD

8 7 6 5 4 3 2 1

REV		DESCRIPTION	ECN	DATE	CHG	PP
00	RELEASE	NL11-1813	10-4-11	JFM	AY	AY



8 7 6 5 4 3 2 1

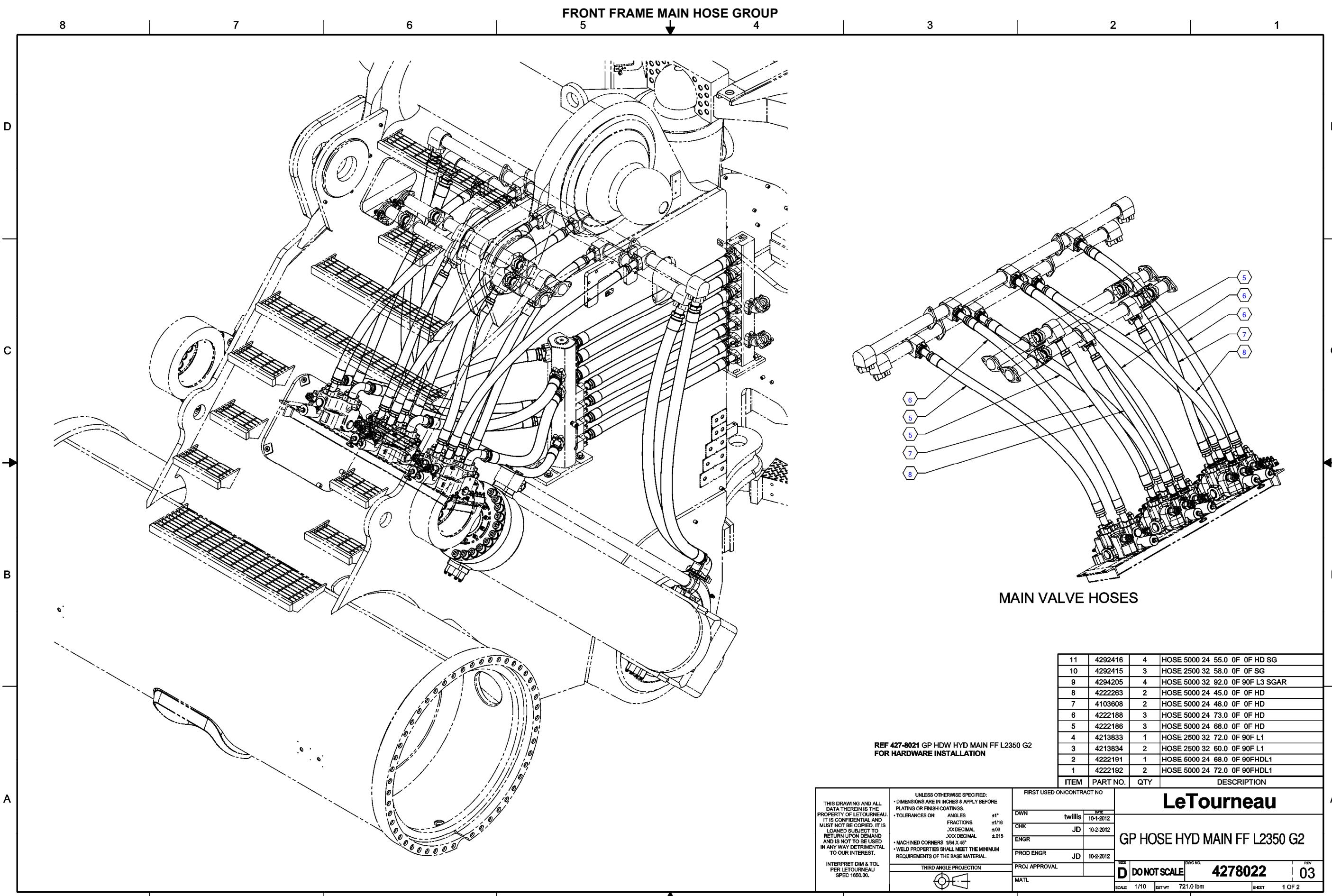
CROSSOVER PIPE ASSEMBLY - BUCKET ROD

L-2350-2242 PARTS MANUAL
CROSSOVER PIPE ASSEMBLY - BUCKET ROD

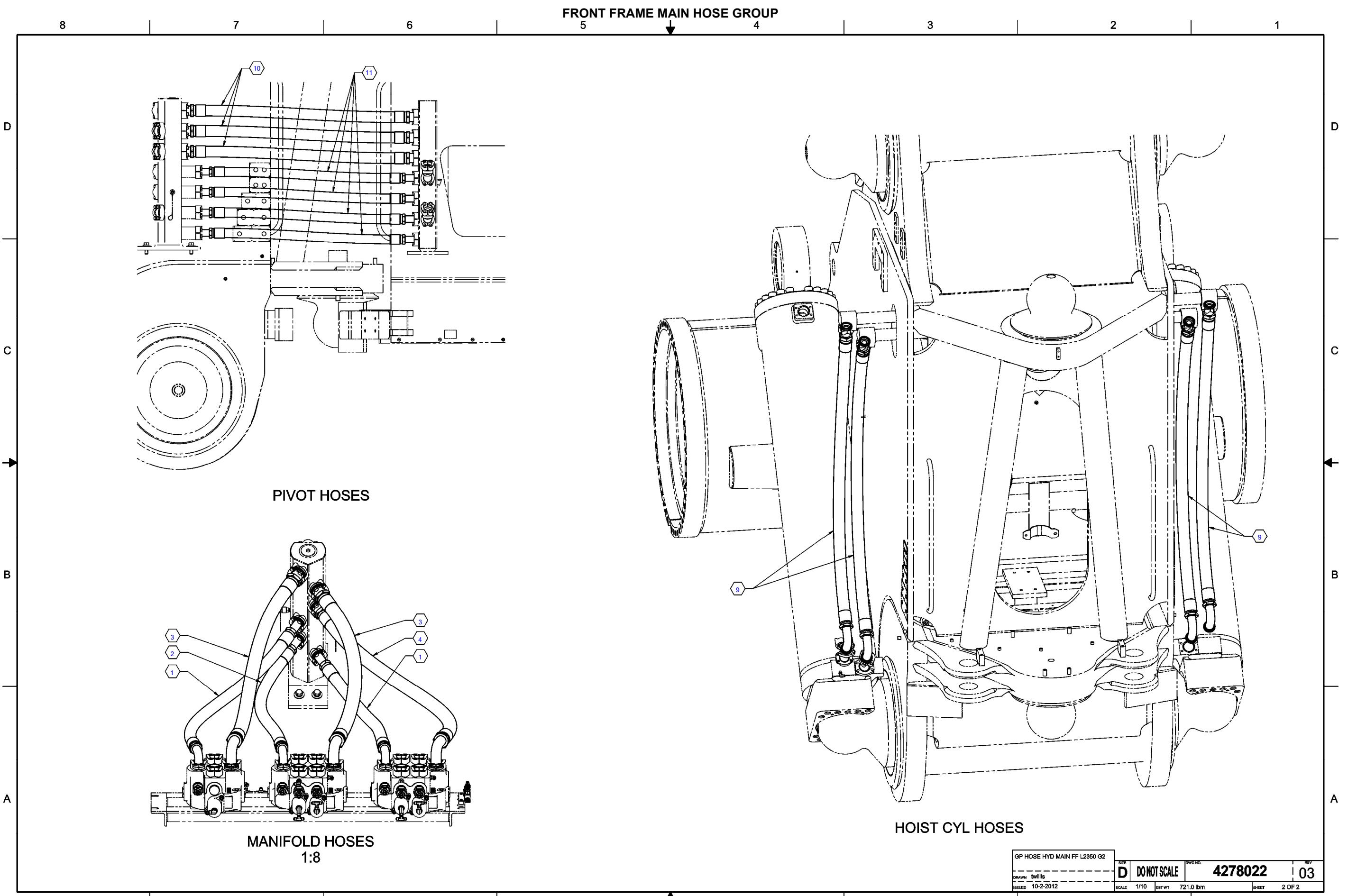
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273467		CROSSOVER PIPE ASSEMBLY - BUCKET ROD		
1	R4188885	1	· PIPE ASSEMBLY, CROSSOVER - BUCKET ROD		
2	R4071255	2	· O-RING, 2-1/4" I.D. - POLYURETHANE		
3	R4210349	16	· FLATWASHER, 1/2" - HARDENED		
4	R4186402	4	· FLANGE HALF, 2"		
5	R4068358	2	· O-RING, 1-7/8" I.D. - POLYURETHANE		
6	R4186401	4	· FLANGE HALF, 1-1/2"		
7	R0827222	16	· BOLT, 1/2"-13 X 2"		
			DRAWING, CROSSOVER PIPE ASSEMBLY - BUCKET ROD (R427346700)		

**L-2350-2242 PARTS MANUAL
CROSSOVER PIPE ASSEMBLY - BUCKET ROD**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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FRONT FRAME MAIN HOSE GROUP



FRONT FRAME MAIN HOSE GROUP

**L-2350-2242 PARTS MANUAL
FRONT FRAME MAIN HOSE GROUP**

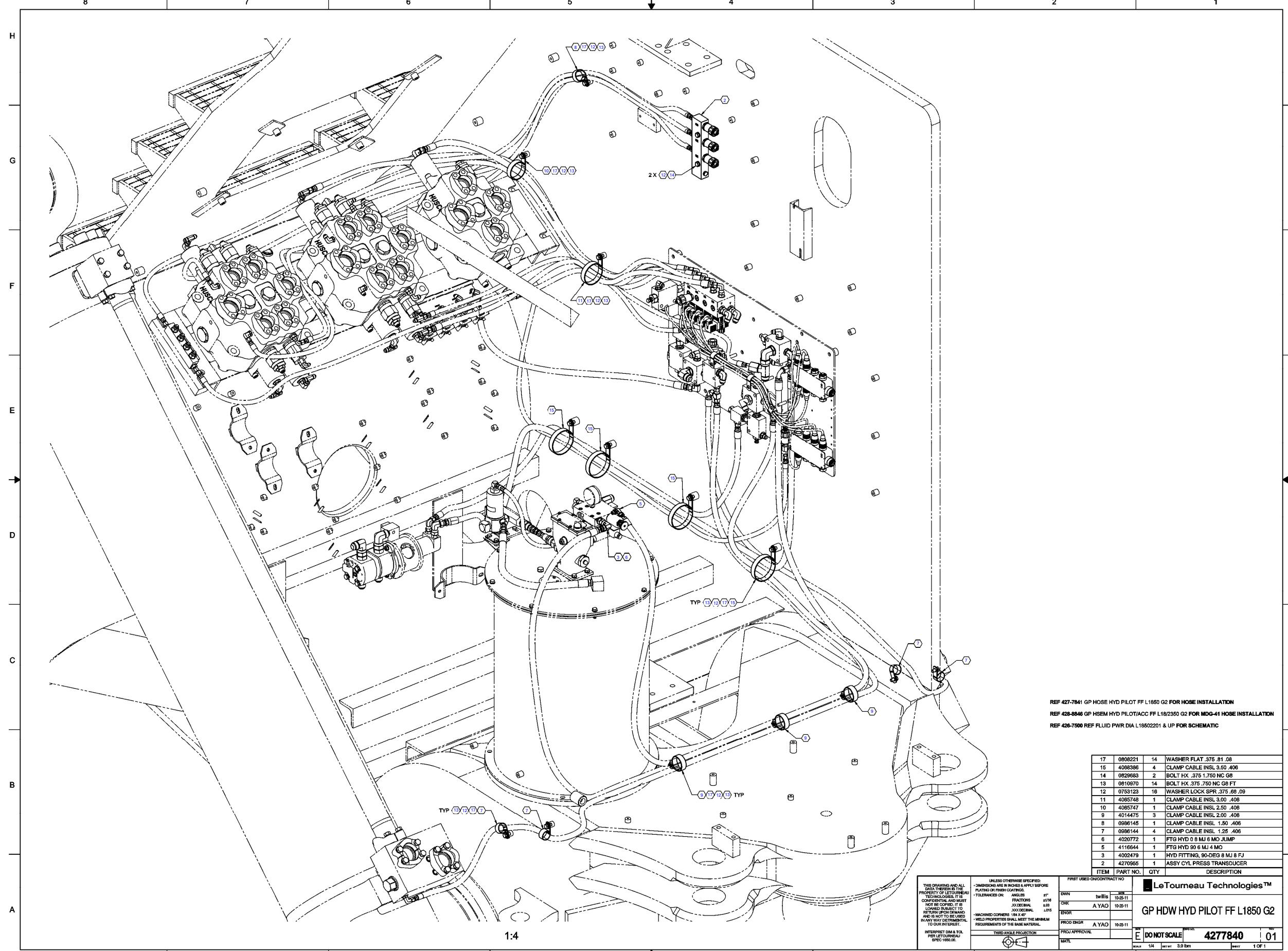
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4278022		FRONT FRAME MAIN HOSE GROUP		6/21/18
1	R4222192	2	· HOSE ASSEMBLY, #24 X 72"		
2	R4222191	1	· HOSE ASSEMBLY, #24 X 68"		
3	R4213834	2	· HOSE ASSEMBLY, #32 X 60"		
4	R4213833	1	· HOSE ASSEMBLY, #32 X 72"		
5	R4222186	3	· HOSE ASSEMBLY, #24 X 68"		
6	R4222188	3	· HOSE ASSEMBLY, #24 X 73"		
7	R4103608	2	· HOSE ASSEMBLY, #24 X 48"		
8	R4222263	2	· HOSE ASSEMBLY, #24 X 45"		
9	R4294205	4	· HOSE ASSEMBLY, #32 X 92"		6/21/18
10	R4292415	3	· HOSE ASSEMBLY, #32 X 58"		6/21/18
11	R4292416	4	· HOSE ASSEMBLY, #24 X 55"		6/21/18
			DRAWING, FRONT FRAME MAIN HOSE GROUP (R427802203)		6/21/18

**L-2350-2242 PARTS MANUAL
FRONT FRAME MAIN HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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FRONT FRAME HYDRAULIC PILOT HARDWARE GROUP



FRONT FRAME HYDRAULIC PILOT HARDWARE GROUP

L-2350-2242 PARTS MANUAL
FRONT FRAME HYDRAULIC PILOT HARDWARE GROUP

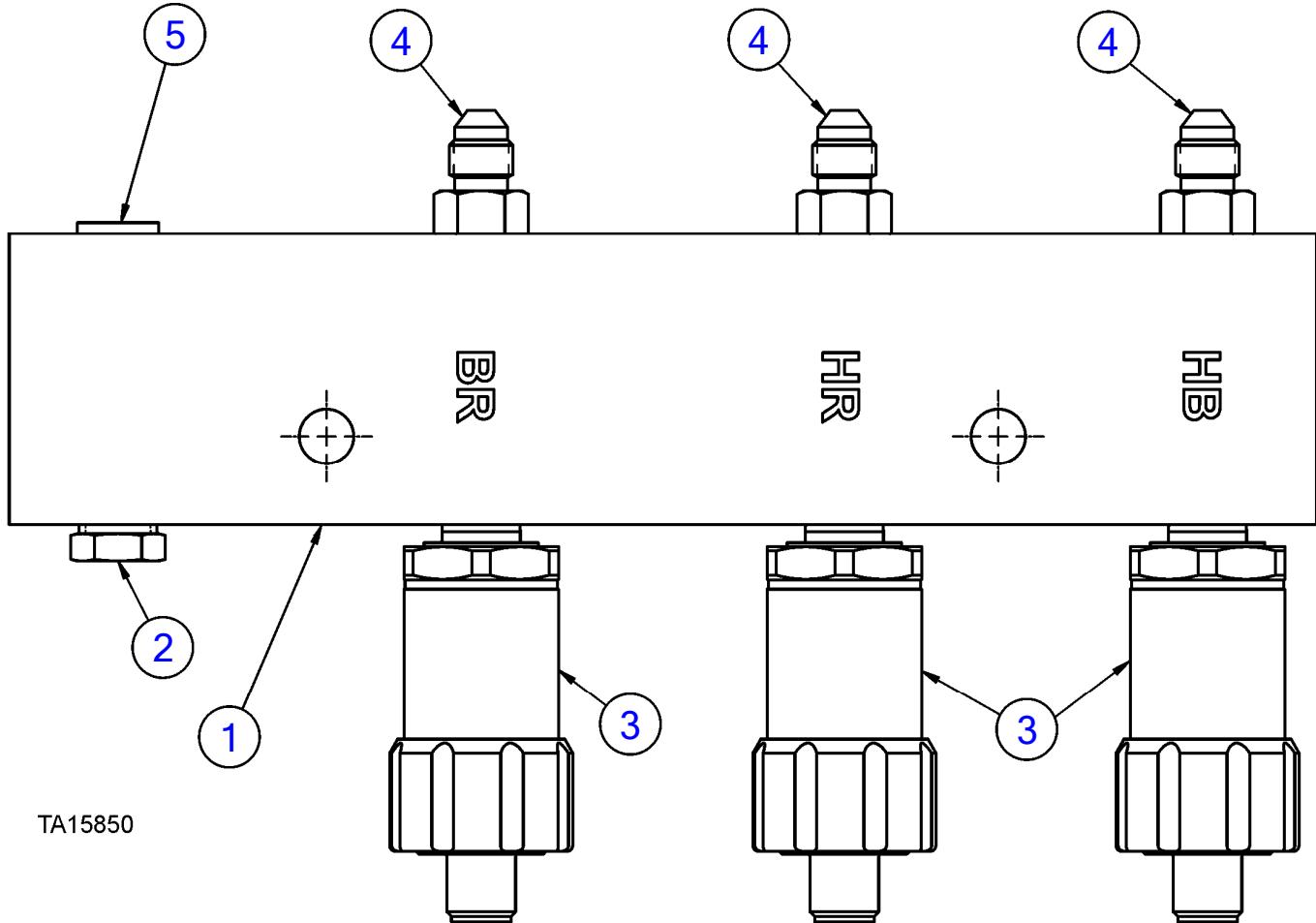
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	R4277840		FRONT FRAME HYDRAULIC PILOT HARDWARE GROUP		6/21/18
1	R4274767	REF	· FRONT FRAME HYDRAULIC PANEL HARDWARE GROUP (PAGE 8.39-8.39A)		6/21/18
2	R4270955	1	· CYLINDER PRESSURE TRANSDUCER ASSEMBLY (PAGE 8.69-8.69A)		6/21/18
3	R4002479	1	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		6/21/18
4	N.P.N.		· NOT USED		6/21/18
5	R4116644	1	· ELBOW, #4 MO X 90 deg. X #6 MJ		
6	R4020772	1	· ADAPTER, #6 MO X #8 MJ		6/21/18
7	R0986144	4	· CLAMP, CABLE - INSULATED, 1-1/4"		6/21/18
8	R0986145	1	· CLAMP, CABLE - INSULATED, 1-1/2"		6/21/18
9	R4014475	3	· CLAMP, CABLE - INSULATED, 2"		6/21/18
10	R4065747	1	· CLAMP, CABLE - 2-1/2"		
11	R4065748	1	· CLAMP, CABLE - 3"		6/21/18
12	R0753123	16	· LOCKWASHER, 3/8"		6/21/18
13	R0810970	14	· BOLT, 3/8"-16 X 3 3/4"		6/21/18
14	R0829683	2	· BOLT, 3/8"-16 X 1-3/4"		6/21/18
15	R4068386	4	· CLAMP, CABLE - INSULATED, 3-1/2" I.D.		
16	N.P.N.		· NOT USED		6/21/18
17	R0808221	14	· FLATWASHER, 3/8"		6/21/18
			DRAWING, FRONT FRAME HYDRAULIC PILOT HARDWARE GROUP (R427784001)		6/21/18

**L-2350-2242 PARTS MANUAL
FRONT FRAME HYDRAULIC PILOT HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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CYLINDER PRESSURE TRANSDUCER ASSEMBLY



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CYLINDER PRESSURE TRANSDUCER ASSEMBLY

**L-2350-2242 PARTS MANUAL
CYLINDER PRESSURE TRANSDUCER ASSEMBLY**

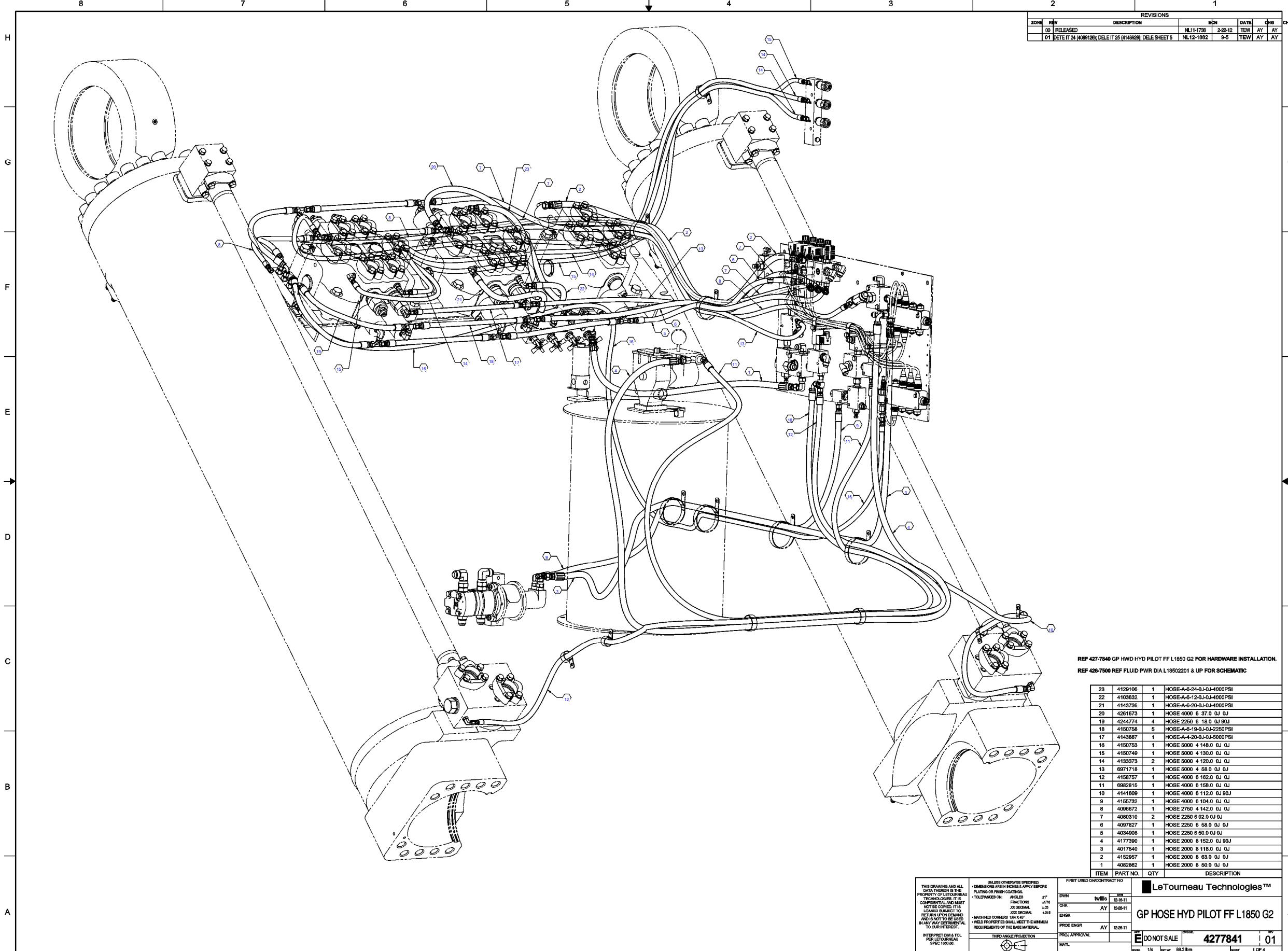
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270955		CYLINDER PRESSURE TRANSDUCER ASSEMBLY		
1	R4241154	1	· MANIFOLD HOUSING, 4 PORT		
2	R4013779	1	· PLUG, PIPE - 1/4", HEX HD.		
3	R4255491	3	· TRANSMITTER, PRESSURE - 0-5000 PSI		
4	R4014580	3	· ADAPTER, #4 MO X #4 MJ		
5	R4243929	1	· PLUG, PIPE - #4, HEX CSK.		
			DRAWING, CYLINDER PRESSURE TRANSDUCER ASSEMBLY (R427095503)		

**L-2350-2242 PARTS MANUAL
CYLINDER PRESSURE TRANSDUCER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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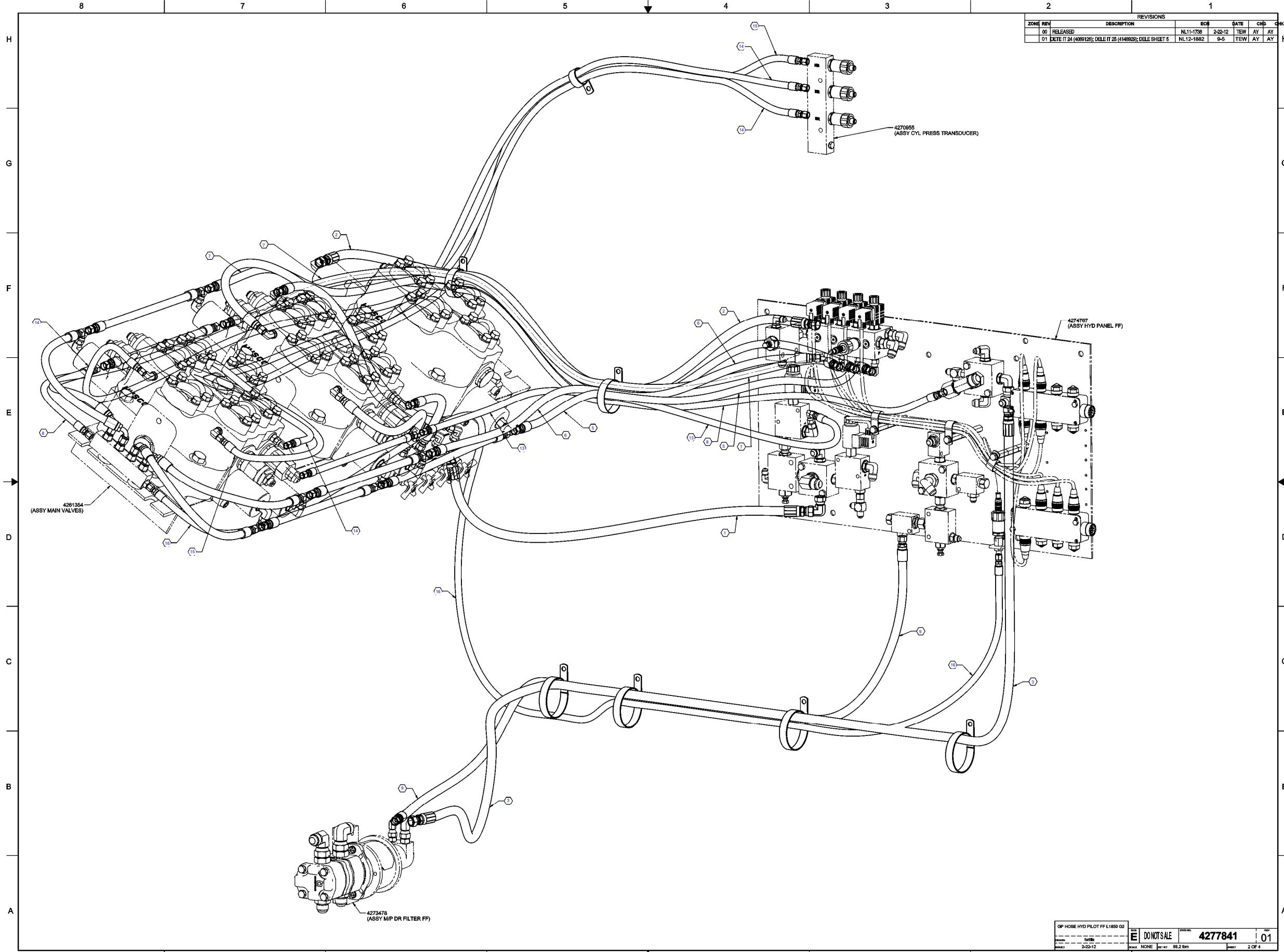
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FRONT FRAME HYDRAULIC PILOT HOSE GROUP



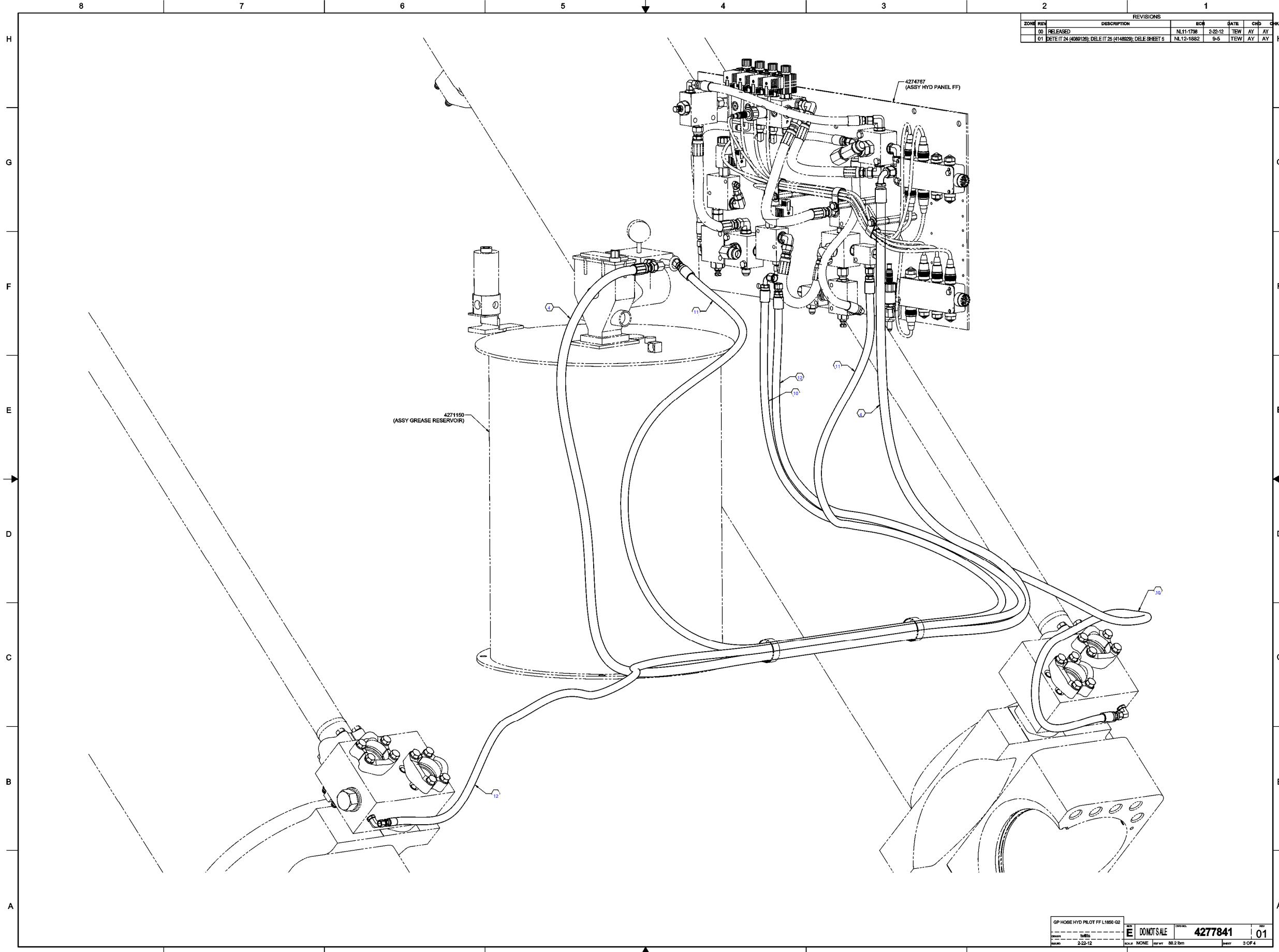
FRONT FRAME HYDRAULIC PILOT HOSE GROUP

FRONT FRAME HYDRAULIC PILOT HOSE GROUP



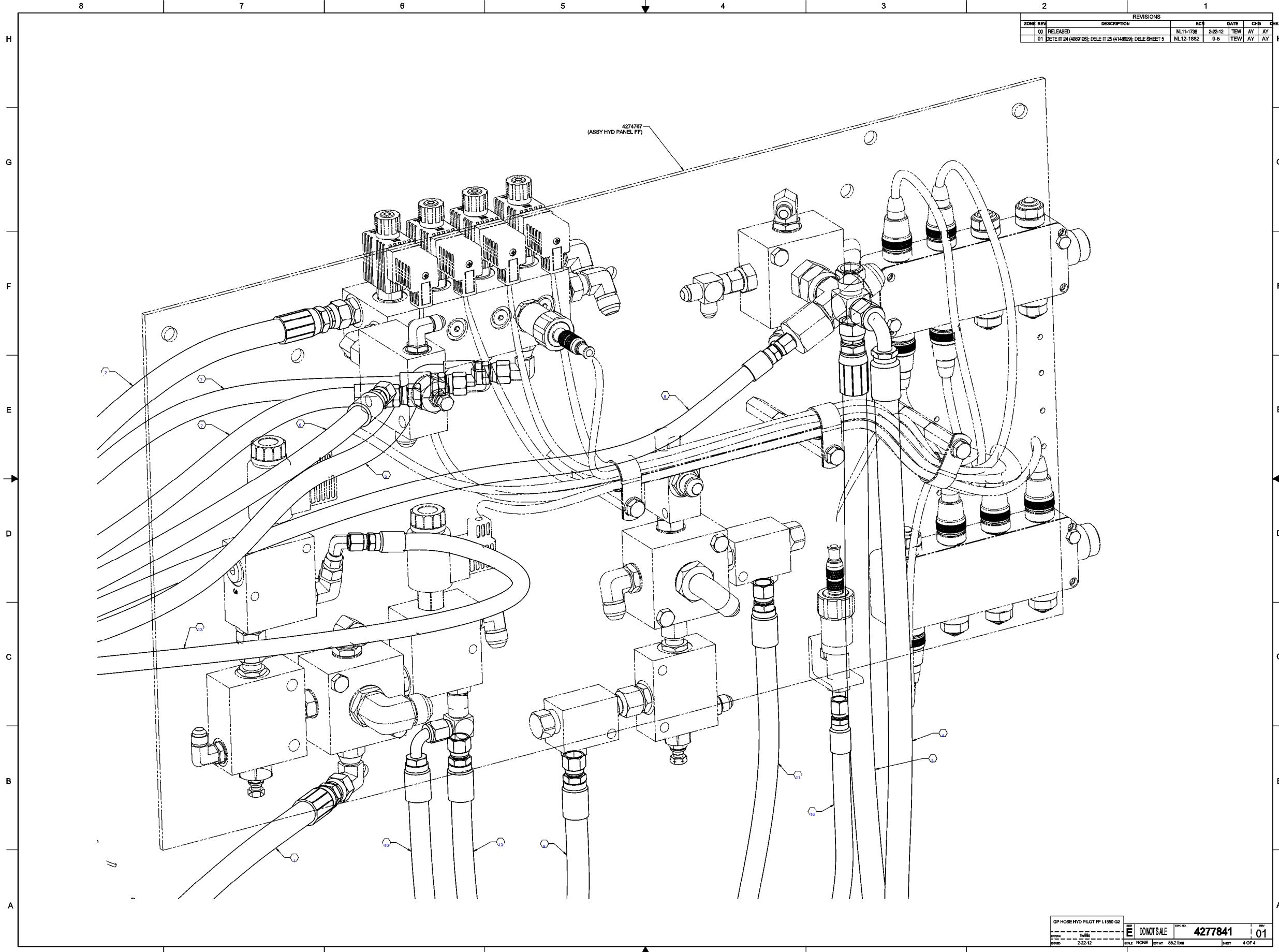
FRONT FRAME HYDRAULIC PILOT HOSE GROUP

FRONT FRAME HYDRAULIC PILOT HOSE GROUP



FRONT FRAME HYDRAULIC PILOT HOSE GROUP

FRONT FRAME HYDRAULIC PILOT HOSE GROUP



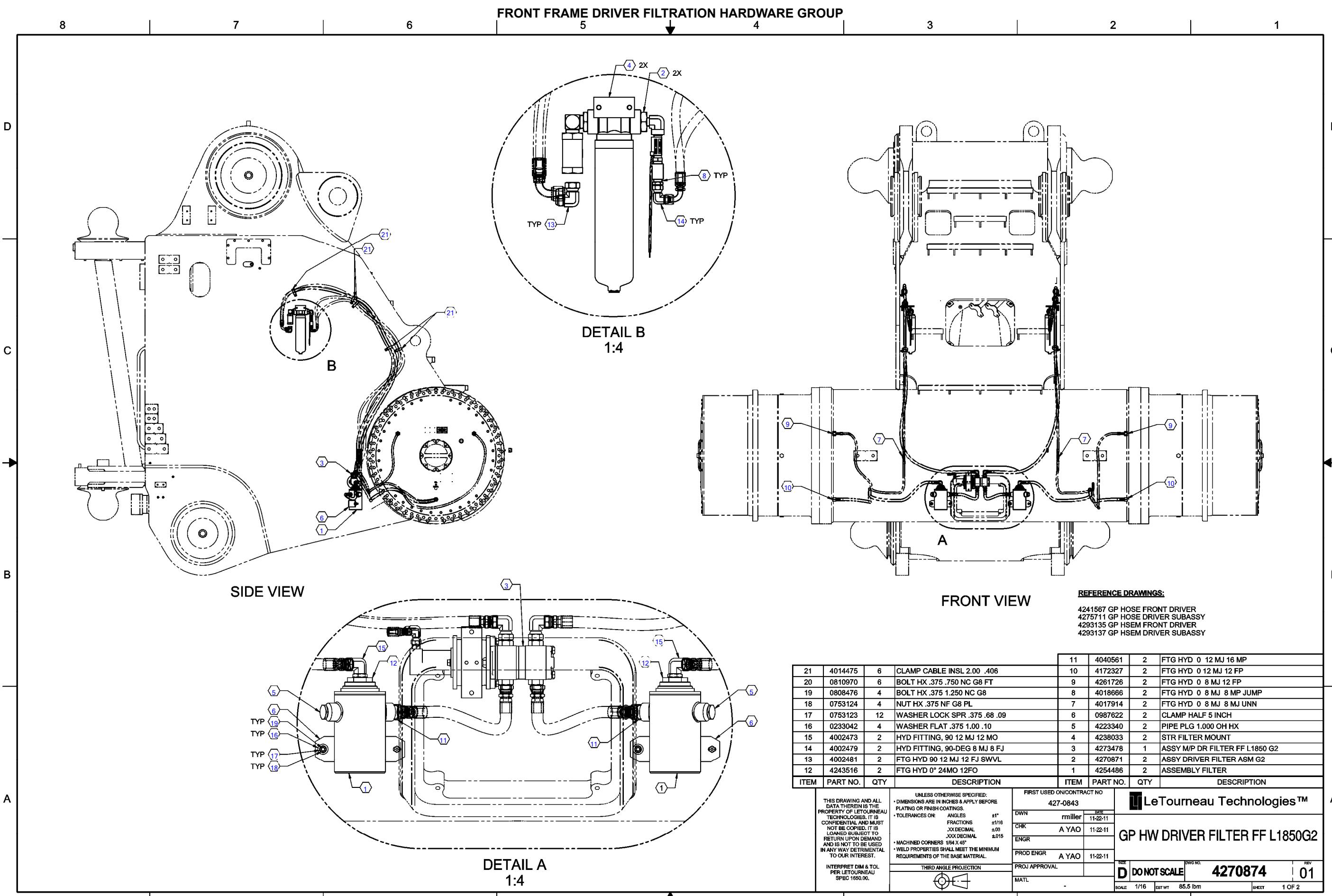
FRONT FRAME HYDRAULIC PILOT HOSE GROUP

L-2350-2242 PARTS MANUAL
FRONT FRAME HYDRAULIC PILOT HOSE GROUP

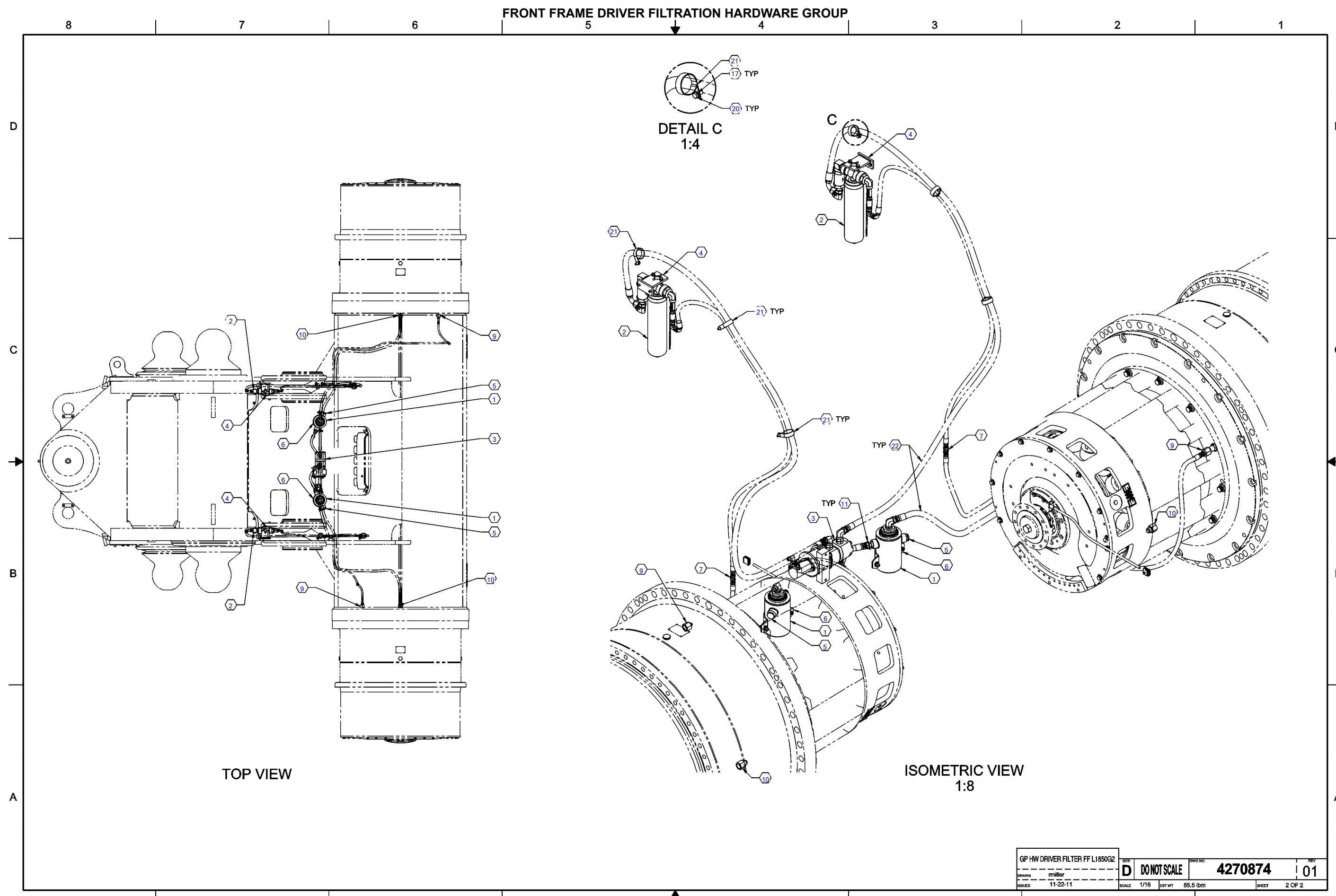
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4277841		FRONT FRAME HYDRAULIC PILOT HOSE GROUP		
1	R4082862	1	· HOSE ASSEMBLY, #8 X 50"		
2	R4152957	1	· HOSE ASSEMBLY, #8 X 63"		
3	R4017540	1	· HOSE ASSEMBLY, #8 X 118"		
4	R4177390	1	· HOSE ASSEMBLY, #8 X 152"		
5	R4034906	1	· HOSE ASSEMBLY, #6 X 50"		
6	R4097827	1	· HOSE ASSEMBLY, #6 X 58"		
7	R4080310	2	· HOSE ASSEMBLY, #6 X 92"		
8	R4096672	1	· HOSE ASSEMBLY, #4 X 142"		
9	R4155732	1	· HOSE ASSEMBLY, #6 X 104"		
10	R4141609	1	· HOSE ASSEMBLY, #6 X 112"		
11	R6982815	1	· HOSE ASSEMBLY, #6 X 158"		
12	R4158757	1	· HOSE ASSEMBLY, #6 X 162"		
13	R6971718	1	· HOSE ASSEMBLY, #4 X 58"		
14	R4133373	2	· HOSE ASSEMBLY, #4 X 120"		
15	R4150749	1	· HOSE ASSEMBLY, #4 X 130"		
16	R4150753	1	· HOSE ASSEMBLY, #4 X 148"		
17	R4143887	1	· HOSE ASSEMBLY, #4 X 20"		
18	R4150758	5	· HOSE ASSEMBLY, #6 X 19"		
19	R4244774	4	· HOSE ASSEMBLY, #6 X 18"		
20	R4261673	1	· HOSE ASSEMBLY, #6 X 37"		
21	R4143736	1	· HOSE ASSEMBLY, #6 X 20"		
22	R4103632	1	· HOSE ASSEMBLY, #6 X 12"		
23	R4129106	1	· HOSE ASSEMBLY, #6 X 24"		
			DRAWING, FRONT FRAME HYDRAULIC PILOT HOSE GROUP (R427784101)		

**L-2350-2242 PARTS MANUAL
FRONT FRAME HYDRAULIC PILOT HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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FRONT FRAME DRIVER FILTRATION HARDWARE GROUP



FRONT FRAME DRIVER FILTRATION HARDWARE GROUP

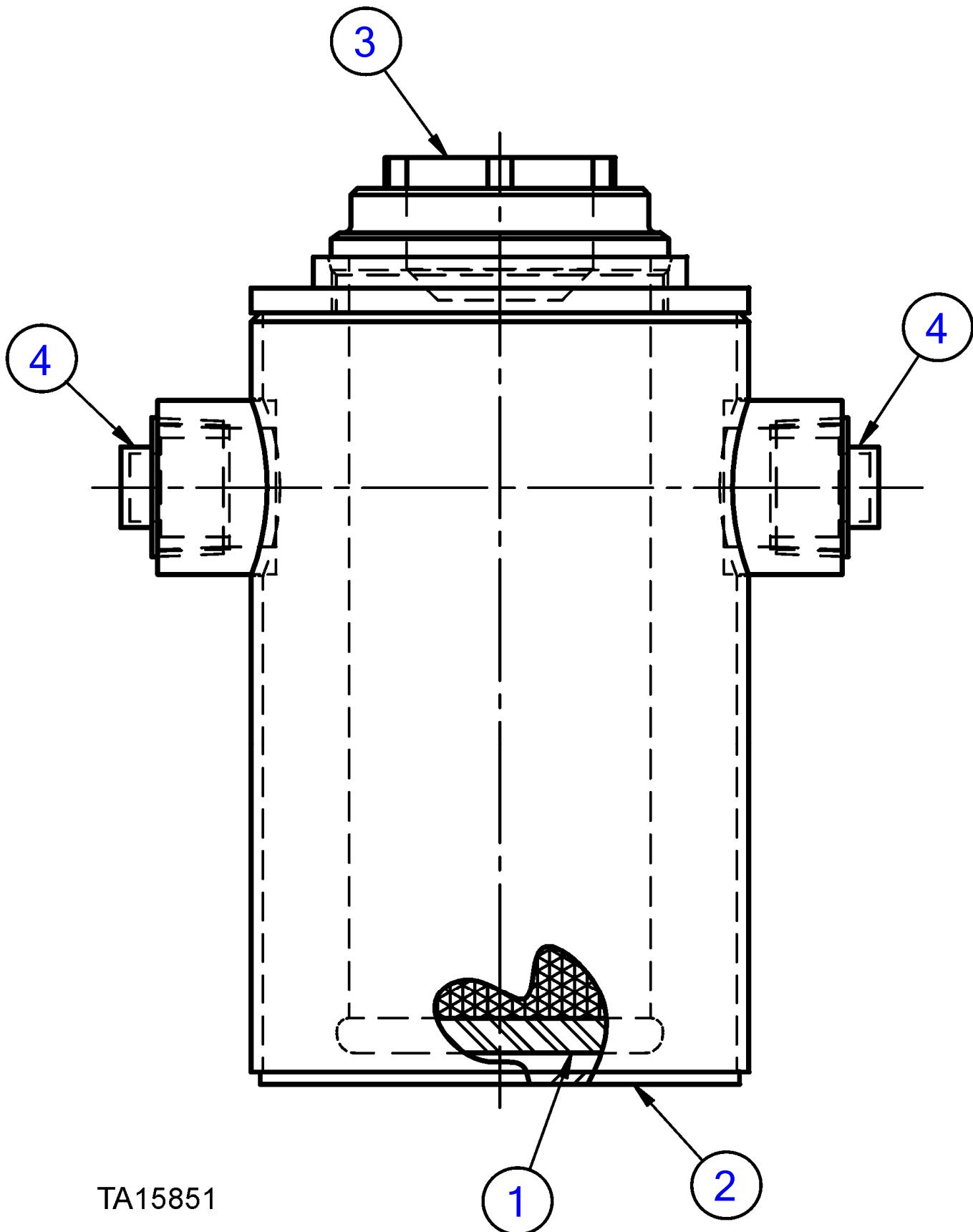
L-2350-2242 PARTS MANUAL
FRONT FRAME DRIVER FILTRATION HARDWARE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270874		FRONT FRAME DRIVER FILTRATION HARDWARE GROUP		3/14/18
1	R4254486	2	· SUCTION FILTER ASSEMBLY (PAGE 8.72-8.72A)		
2	R4270871	2	· DRIVER FLOW SWITCH ASSEMBLY (PAGE 8.73-8.73A)		
3	R4273478	1	· DRIVER FILTRATION MOTOR/PUMP ASSEMBLY - FRONT FRAME (PAGE 8.48-8.48A)		
4	R4238033	2	· MOUNT STRUCTURE, FILTER		
5	R4223340	2	· PLUG, PIPE - 1", HEX HD.		
6	R0987622	2	· CLAMP HALF, 5"		
7	R4017914	2	· ADAPTER, #8 MJ X #8 MJ UNN		
8	R4018666	2	· ADAPTER, 1/2" MP X #8 MJ		
9	R4261726	2	· ADAPTER, 3/4" FP X #8 MJ		
10	R4172327	2	· ADAPTER, 3/4" FP X #12 MJ		
11	R4040561	2	· ADAPTER, 1" MP X #12 MJ		
12	R4243516	2	· REDUCER, #12 FO X #24 MO		
13	R4002481	2	· ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
14	R4002479	2	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		
15	R4002473	2	· ELBOW, #12 MO X 90 deg. X #12 MJ - ADJ.		
16	R0233042	4	· FLATWASHER, 3/8"		
17	R0753123	12	· LOCKWASHER, 3/8"		
18	R0753124	4	· NUT, 3/8"-24		
19	R0808476	4	· BOLT, 3/8"-16 X 1-1/4"		
20	R0810970	6	· BOLT, 3/8"-16 X 3/4"		
21	R4014475	6	· CLAMP, CABLE - INSULATED, 2"		
			DRAWING, FRONT FRAME DRIVER FILTRATION HARDWARE GROUP (R427087401)		3/14/18

**L-2350-2242 PARTS MANUAL
FRONT FRAME DRIVER FILTRATION HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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SUCTION FILTER ASSEMBLY



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SUCTION FILTER ASSEMBLY

**L-2350-2242 PARTS MANUAL
SUCTION FILTER ASSEMBLY**

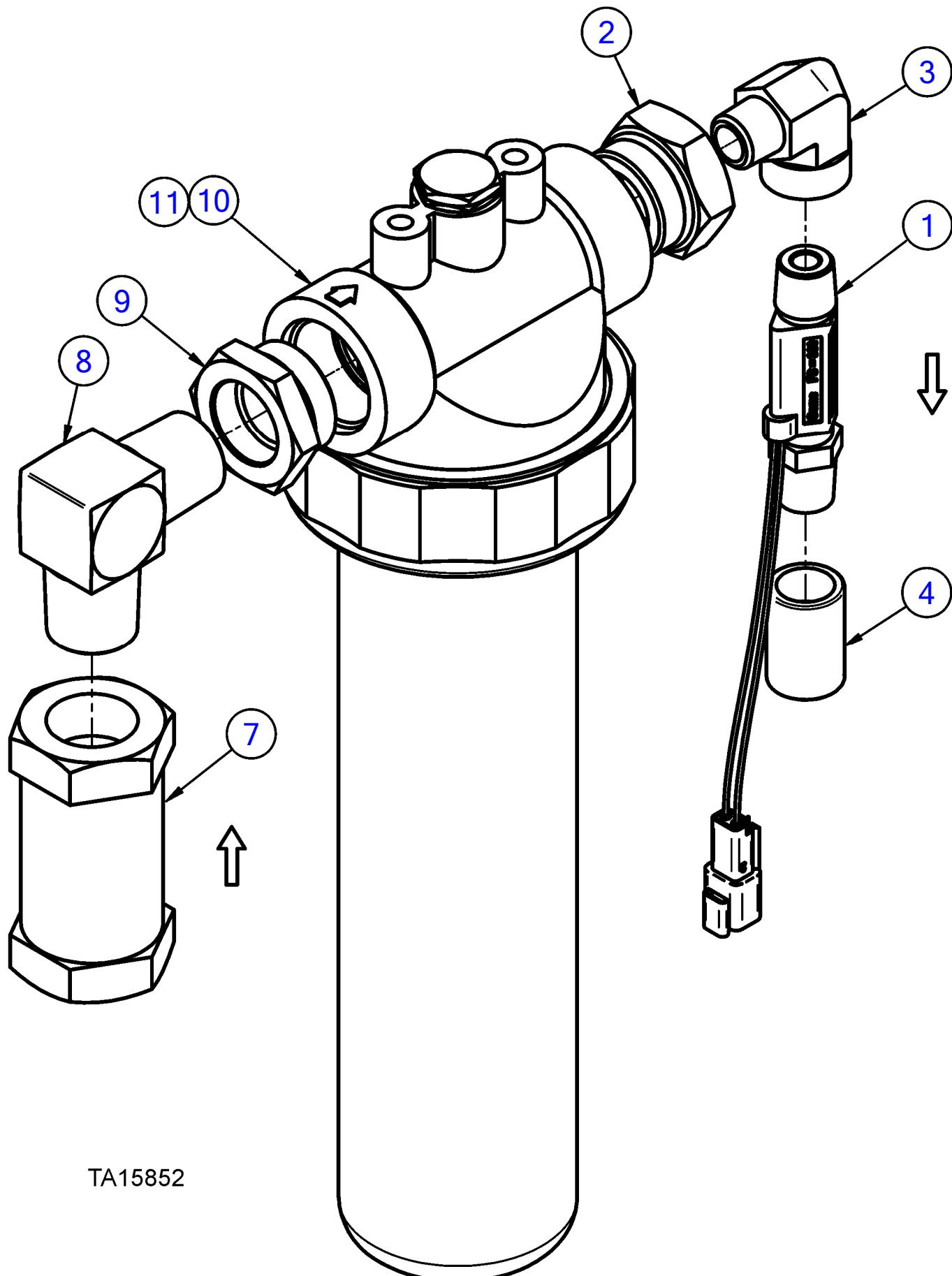
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4254486		SUCTION FILTER ASSEMBLY		
1	R4271055	1	• FILTER, WASHABLE - 30 MESH		
	R4243926	1	• • O-RING, 3-1/4" I.D. - POLYURETHANE		3/3/16
2	R4254487	1	• HOUSING STRUCTURE, FILTER		
3	R4150428	1	• PLUG, SHIPPING - 1-1/2"		
4	R4258380	2	• PLUG, SHIPPING - 1"		
		REF	DRAWING, SUCTION FILTER ASSEMBLY (R425448605)		

**L-2350-2242 PARTS MANUAL
SUCTION FILTER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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DRIVER FILTER ASSEMBLY



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8.73A.1|R4270871

DRIVER FILTER ASSEMBLY

**L-2350-2242 PARTS MANUAL
DRIVER FILTER ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270871		DRIVER FILTER ASSEMBLY		
1	R4270058	1	· SWITCH ASSEMBLY, FLOW		
	R4253949	1	· · SWITCH, FLOW - N.O. SPST, 20 VOLT-AMPS - 1/2" MP		
	R4255415	1	· · RECEPTACLE, DT04-2P		
	R4255416	1	· · WEDGE, W2P		
	R4185763	2	· · PIN, CONTACT - 16		
2	R4077098	1	· BUSHING, #20 MO X 1/2" FP		
3	R4032325	1	· ELBOW, 1/2" FP X 90 deg. X 1/2" MP		
4	R0180841	1	· COUPLING, PIPE - 1/2"		
5	N.P.N.		· NOT USED		
6	N.P.N		· NOT USED		
7	R4213978	1	· VALVE, CHECK - 1" FP, .29 PSI		
8	R4244735	1	· ELBOW, 1" MP X 90 deg. X 1" MP		
9	R4244734	1	· ADAPTER, #20 MO X 1" FP		
10	R4244990	1	· FILTER ASSEMBLY, LOW PRESSURE		
11	R4244991	REF	· ELEMENT, FILTER		
			DRAWING, DRIVER FILTER ASSEMBLY (R427087105)		

**L-2350-2242 PARTS MANUAL
DRIVER FILTER ASSEMBLY**

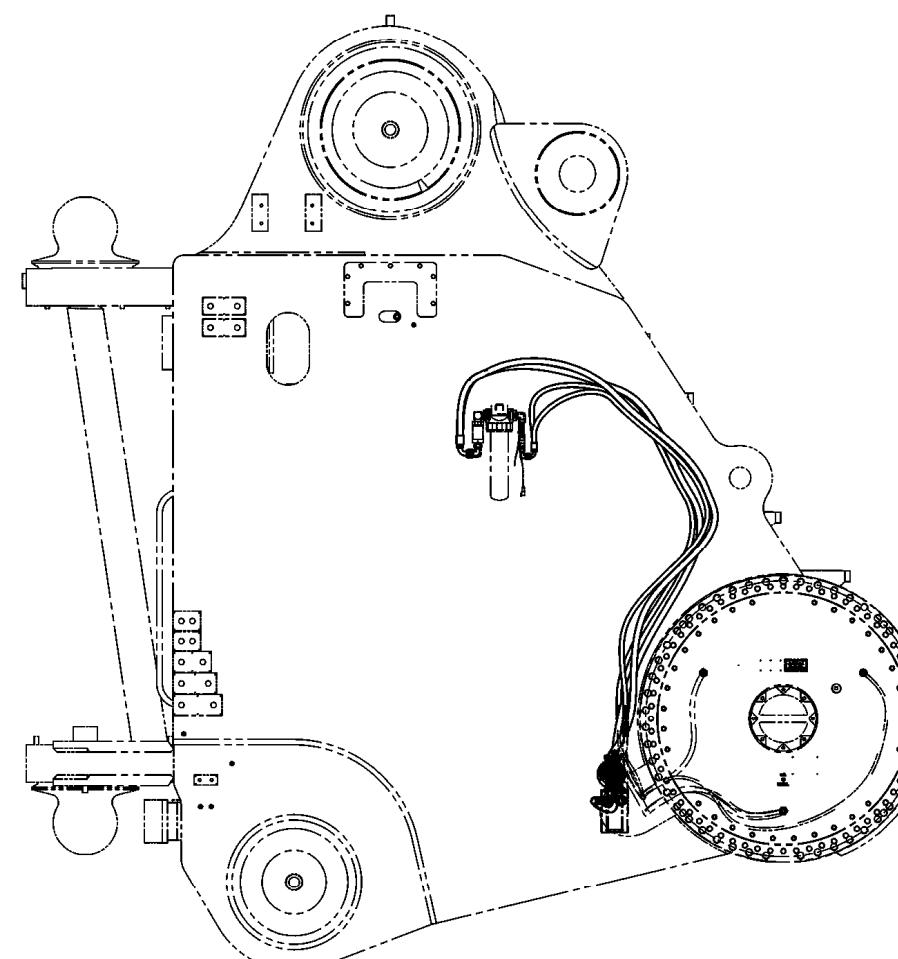
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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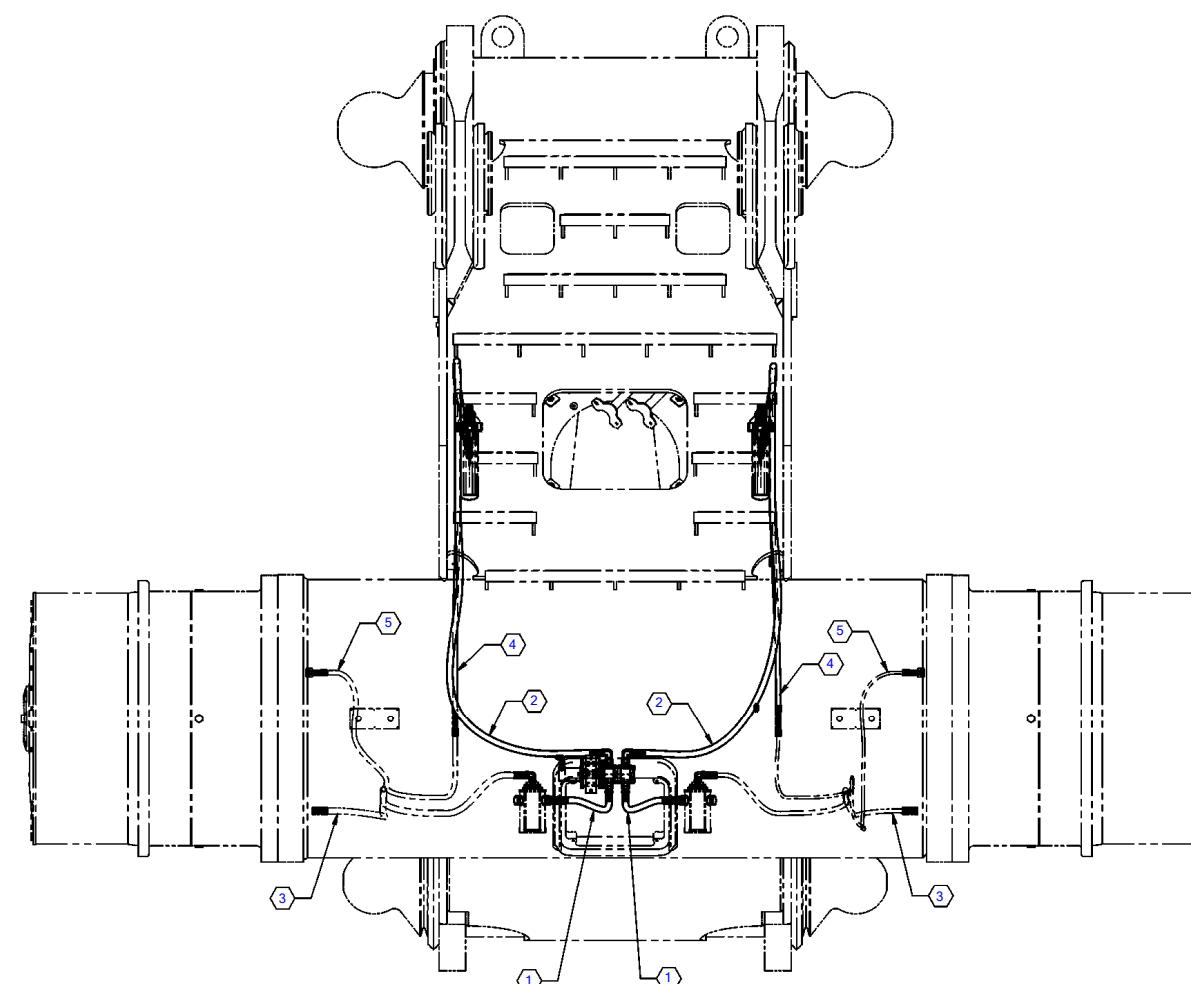
FRONT FRAME DRIVER FILTRATION HOSE GROUP

8 7 6 5 4 3 2 1

REV		DESCRIPTION	ECN	DATE	CHG	CHGPP
00	RELEASE		NL11-0997	11-09-11	RRM	AY
00	ITEM 4 QTY WAS REF		NL13-1620	12-5	TEW	JBD



SIDE VIEW



FRONT VIEW

REFERENCE DRAWING:

4270874 GP HW DRIVER FILTER FF L1850 G2

ITEM	PART NO.	QTY	DESCRIPTION
5	4222295	REF	HOSE 2000 8 140.0 OJ 0J
4	4177057	2	HOSE 2000 8 82.0 OJ 90J
3	4096720	REF	HOSE 1250 12 72.0 OJ 0J
2	4223265	2	HOSE 1250 12 140.0 OJ 90J
1	4182364	2	HOSE 1250 12 17.0 OJ 0J

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	DWN J.MARTIN DATE CHK A.YAO 10-18-11		
	ENGR A.YAO 10-18-11		
	PROD ENGR A.YAO 10-18-11		
	THIRD ANGLE PROJECTION	PROJ APPROVAL	
	MATL		
	D DO NOT SALE	Dwg No. 4241567 REV 01	
	SCALE 1/16 EST WT 55.0 lbm		SHEET 1 OF 2

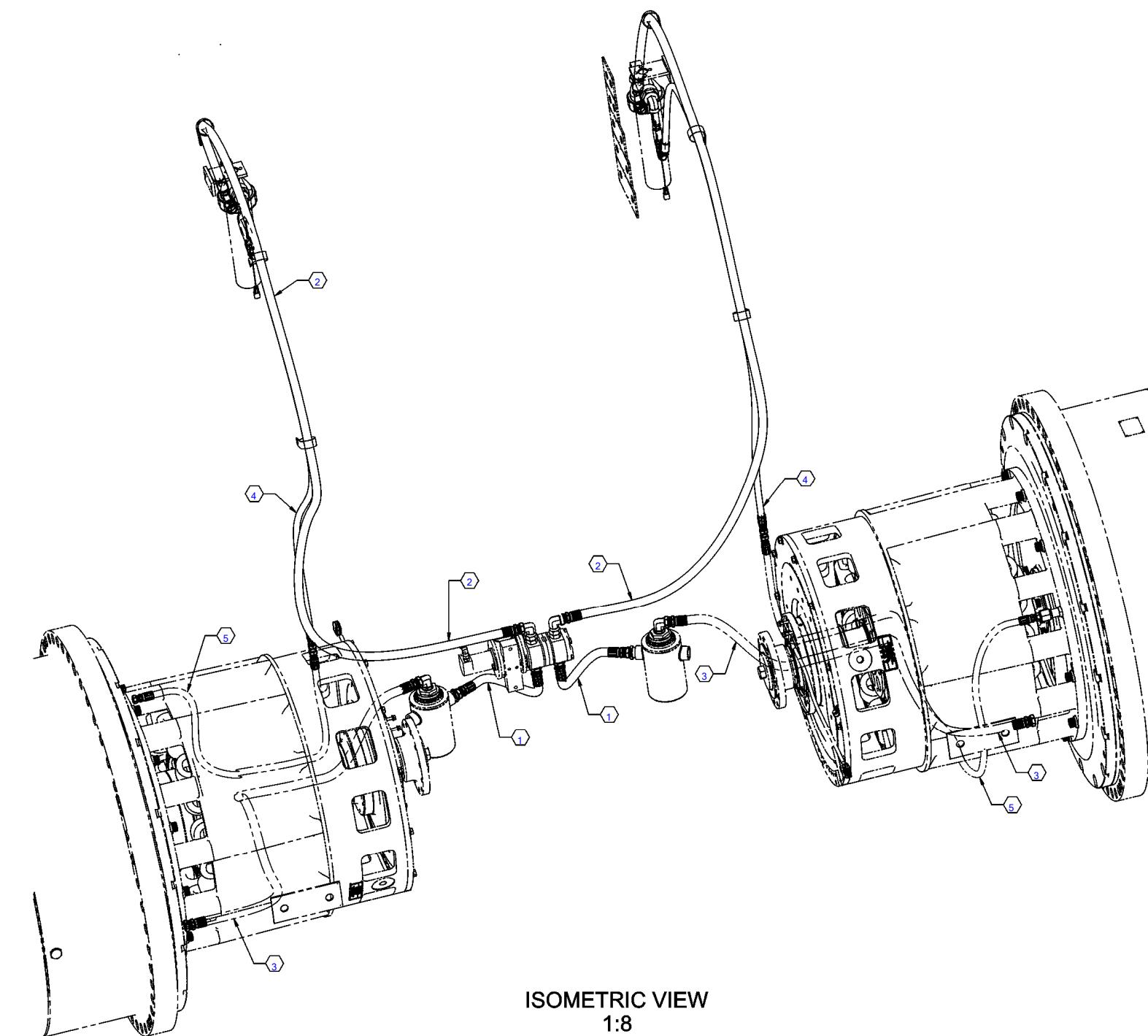
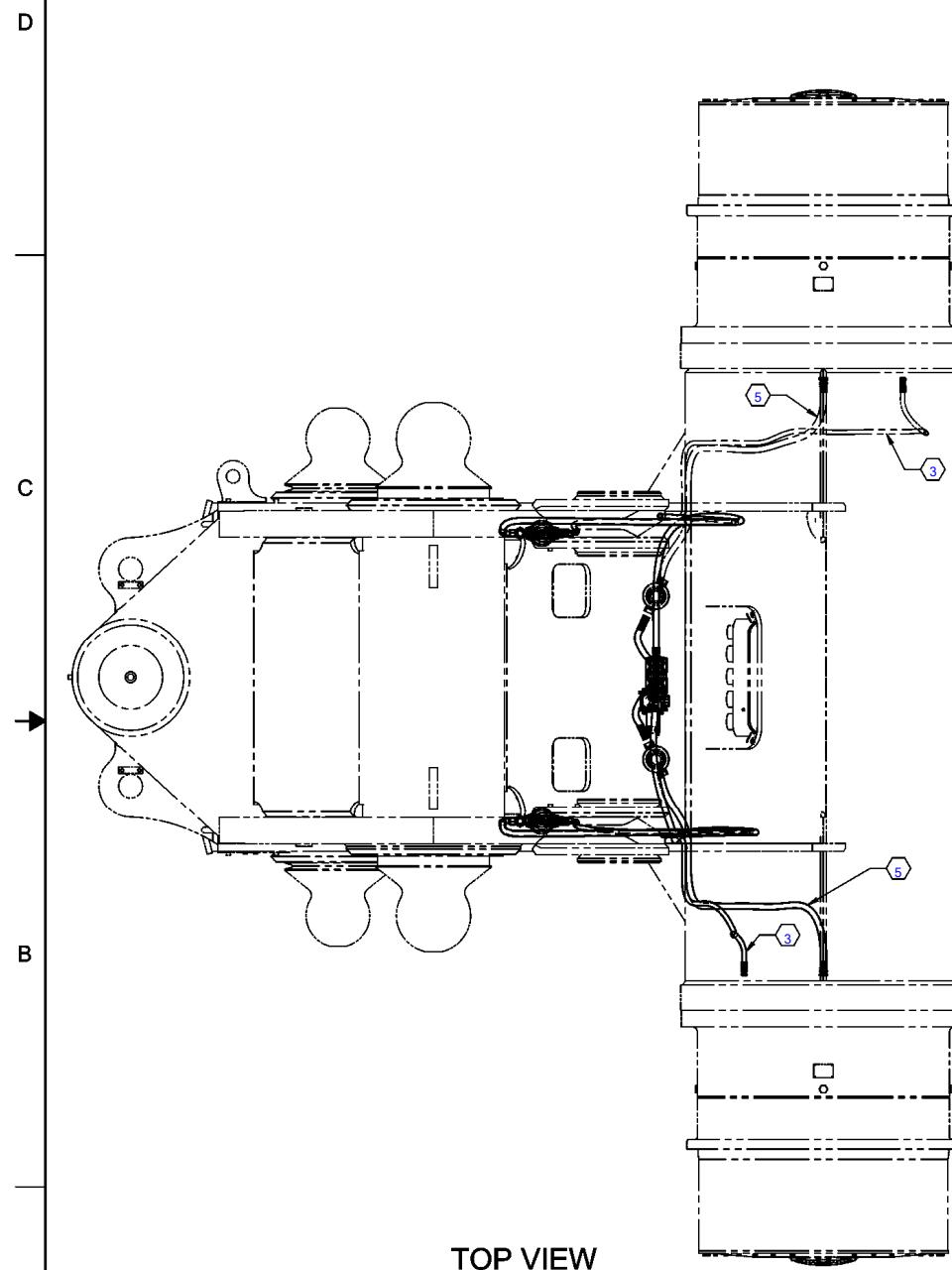
8 7 6 5 4 3 2 1

FRONT FRAME DRIVER FILTRATION HOSE GROUP

FRONT FRAME DRIVER FILTRATION HOSE GROUP

8 7 6 5 4 3 2 1

REV		DESCRIPTION	ECN	DATE	CHG	APP
00	RELEASE	NL11-0997	11-09-11	RRM	AY	AY
01	SEE SHEET 1	NL13-1620	12-5	TEW	JBD	JBD



GP HOSE FRONT DRIVER	D	DONOTSALE	Dwg No.	4241567	01
BROWN	J.MARTIN	ISSUED	10-18-11	SCALE	1/16

FRONT FRAME DRIVER FILTRATION HOSE GROUP

L-2350-2242 PARTS MANUAL
FRONT FRAME DRIVER FILTRATION HOSE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4241567		FRONT FRAME DRIVER FILTRATION HOSE GROUP		
1	R4182364	2	· HOSE ASSEMBLY, #12 X 17"		
2	R4223265	2	· HOSE ASSEMBLY, #12 X 140"		
3	R4096720	REF	· HOSE ASSEMBLY, #12 X 72"		
4	R4177057	2	· HOSE ASSEMBLY, #8 X 82"		
5	R4222295	REF	· HOSE ASSEMBLY, #8 X 140"		
			DRAWING, FRONT FRAME DRIVER FILTRATION HOSE GROUP (R424156701)		

**L-2350-2242 PARTS MANUAL
FRONT FRAME DRIVER FILTRATION HOSE GROUP**

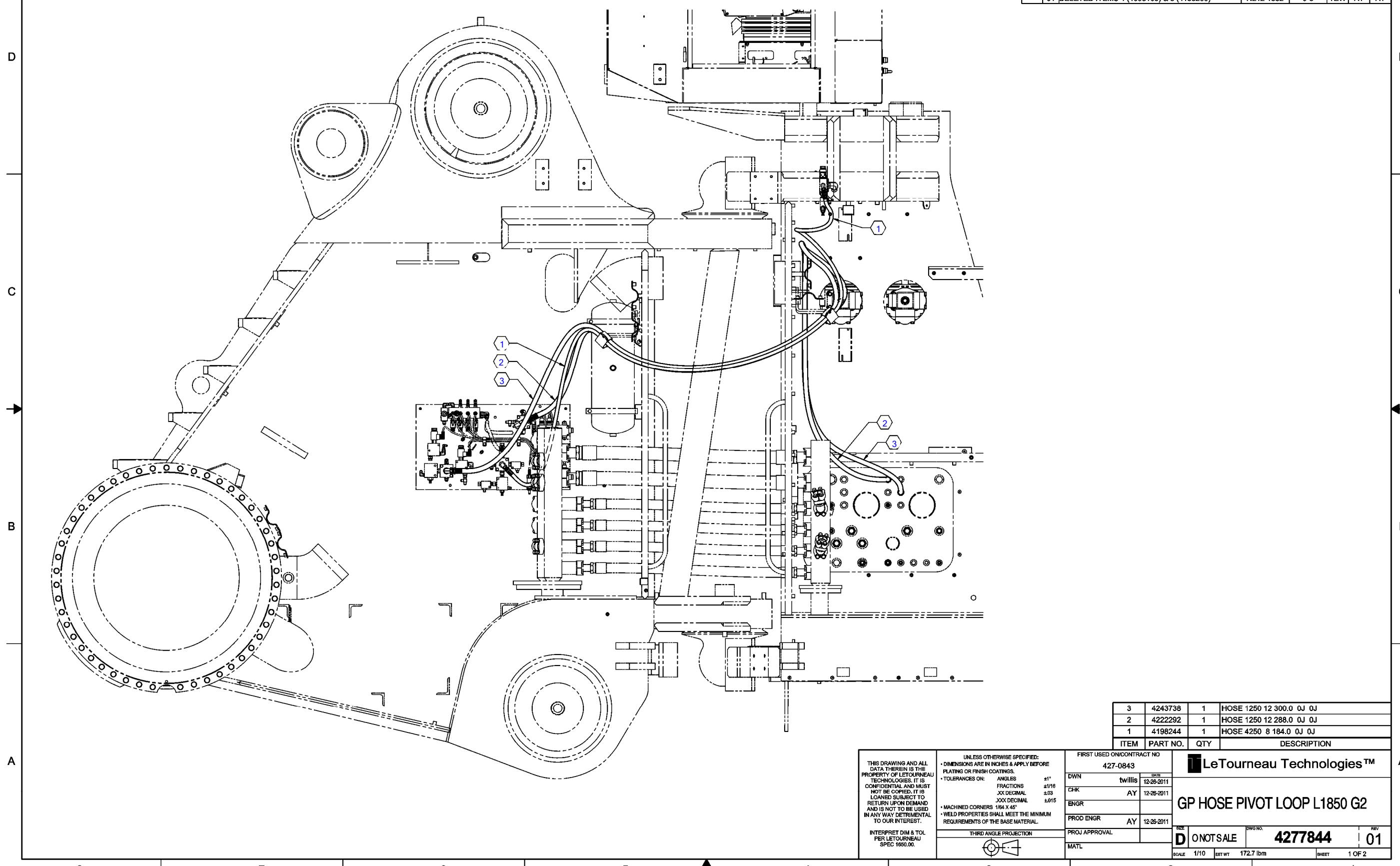
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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PIVOT LOOP HOSE GROUP

8 7 6 5 4 3 2 1

REV		DESCRIPTION	ECN	DATE	CHG	CHG P
00	RELEASE	NL11-1738	12-26	TEW	AY	AY
01	DELETED ITEMS 4 (4093109) & 5 (4153285)	NL12-1882	9-5	TEW	AY	AY



PIVOT LOOP HOSE GROUP

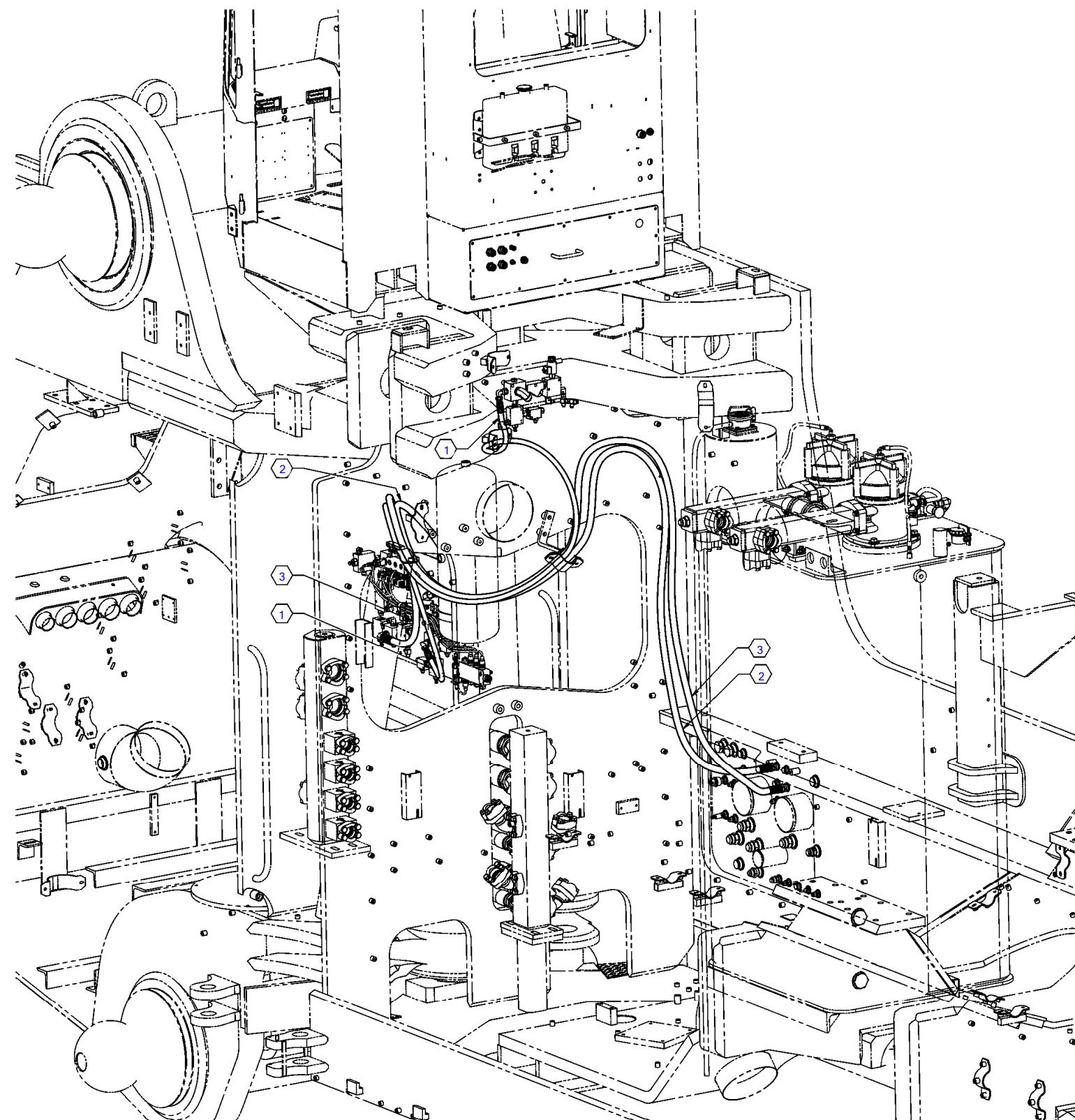
PIVOT LOOP HOSE GROUP

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REV		DESCRIPTION	ECN	DATE	CHG	APP
00	RELEASE	NL11-1738	12-26	TEW	AY	AY
01	DELETED ITEMS 4 (4093109) & 5 (4153285)	NL12-1882	9-5	TEW	AY	AY

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GP HOSE PILOT LOOP L1850 G2
 DRAWN: twillis
 ISSUED: 12-26-2011
 D O NOT SALE DWG NO. 4277844 REV. 01
 SCALE 1/10 ISBT WT 172.7 lbm SHEET 2 OF 2

PIVOT LOOP HOSE GROUP

**L-2350-2242 PARTS MANUAL
PIVOT LOOP HOSE GROUP**

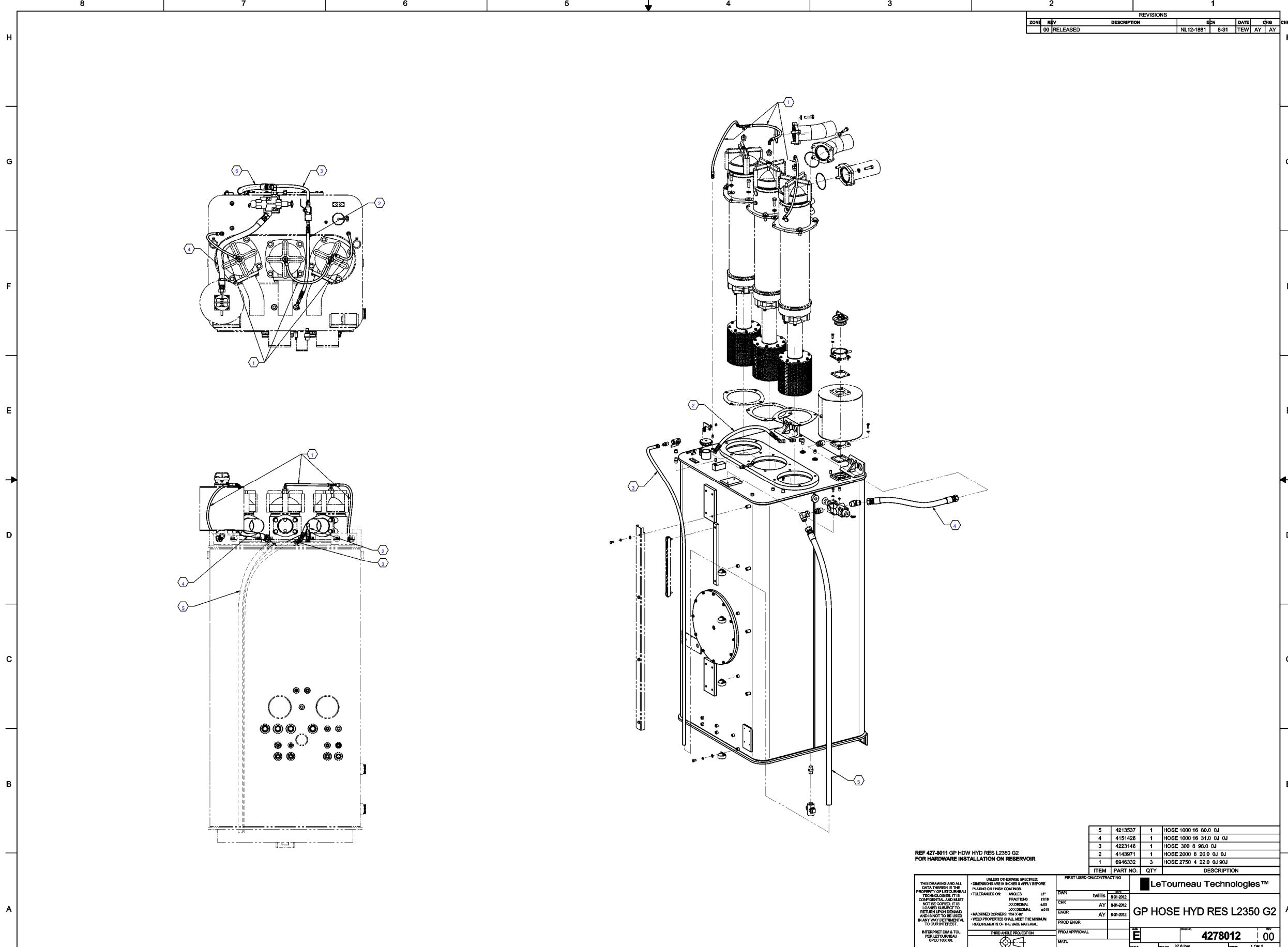
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4277844		PIVOT LOOP HOSE GROUP		
1	R4198244	1	· HOSE ASSEMBLY, #8 X 184"		
2	R4222292	1	· HOSE ASSEMBLY, #12 X 288"		
3	R4243738	1	· HOSE ASSEMBLY, #12 X 300"		
			DRAWING, PIVOT LOOP HOSE GROUP (R427784401)		

**L-2350-2242 PARTS MANUAL
PIVOT LOOP HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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HYDRAULIC RESERVOIR HOSE GROUP



HYDRAULIC RESERVOIR HOSE GROUP

**L-2350-2242 PARTS MANUAL
HYDRAULIC RESERVOIR HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4278012		HYDRAULIC RESERVOIR HOSE GROUP		
1	R6946332	3	· HOSE ASSEMBLY, #4 X 22"		
2	R4143971	1	· HOSE ASSEMBLY, #8 X 20"		
3	R4223146	1	· HOSE ASSEMBLY, #8 X 98"		
4	R4151426	1	· HOSE ASSEMBLY, #16 X 31"		
5	R4213537	1	· HOSE ASSEMBLY, #16 X 80"		
			DRAWING, HYDRAULIC RESERVOIR HOSE GROUP (R427801200)		

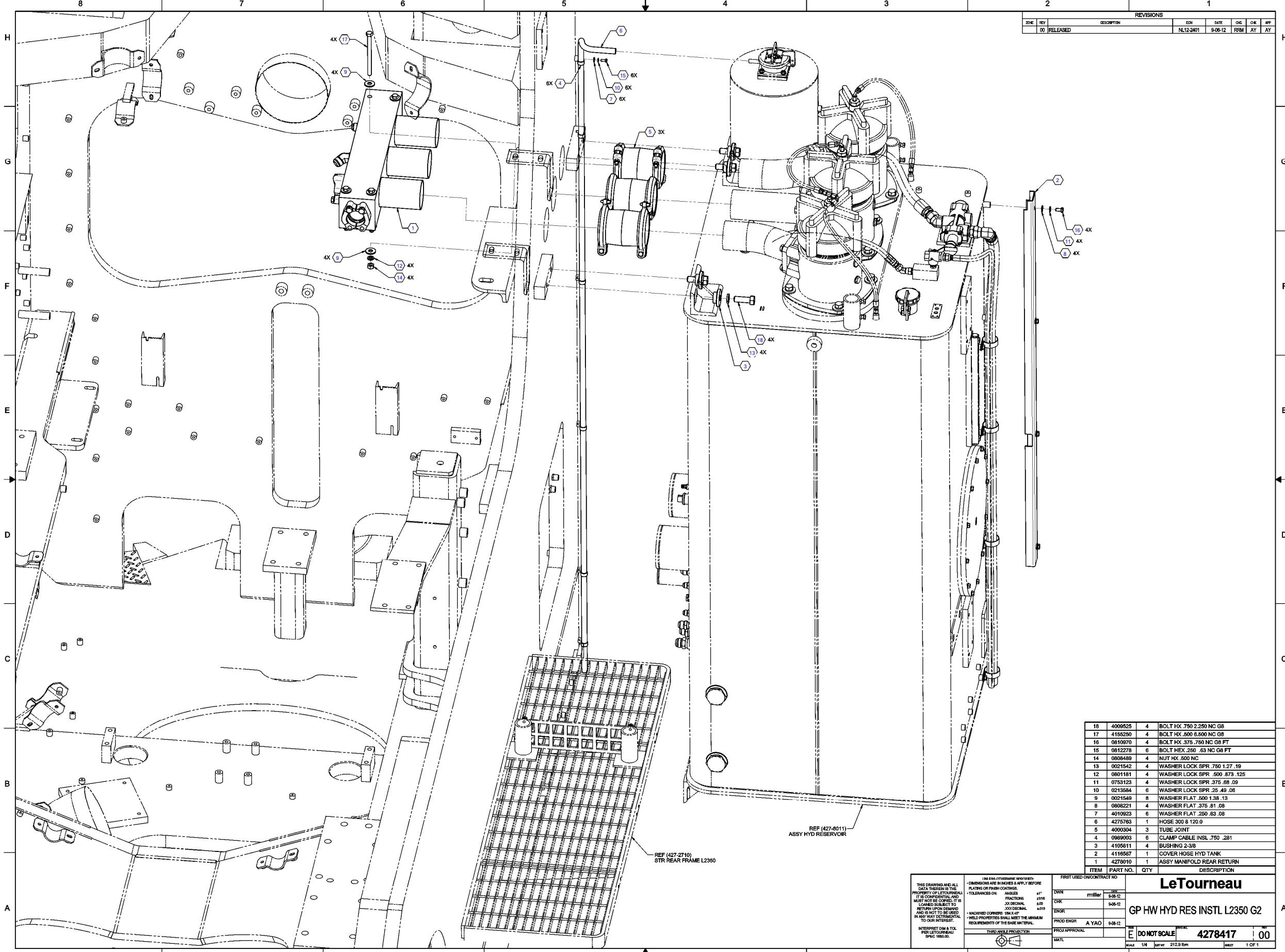
**L-2350-2242 PARTS MANUAL
HYDRAULIC RESERVOIR HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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HYDRAULIC RESERVOIR INSTALLATION HARDWARE GROUP

REVISIONS						
DESCRIPTION	ECN	DATE	QNC	CHK	APP	
RFI FASER	NI 12-24/01	9-06-12	RRM	AY	AY	



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HYDRAULIC RESERVOIR INSTALLATION HARDWARE GROUP

L-2350-2242 PARTS MANUAL
HYDRAULIC RESERVOIR INSTALLATION HARDWARE GROUP

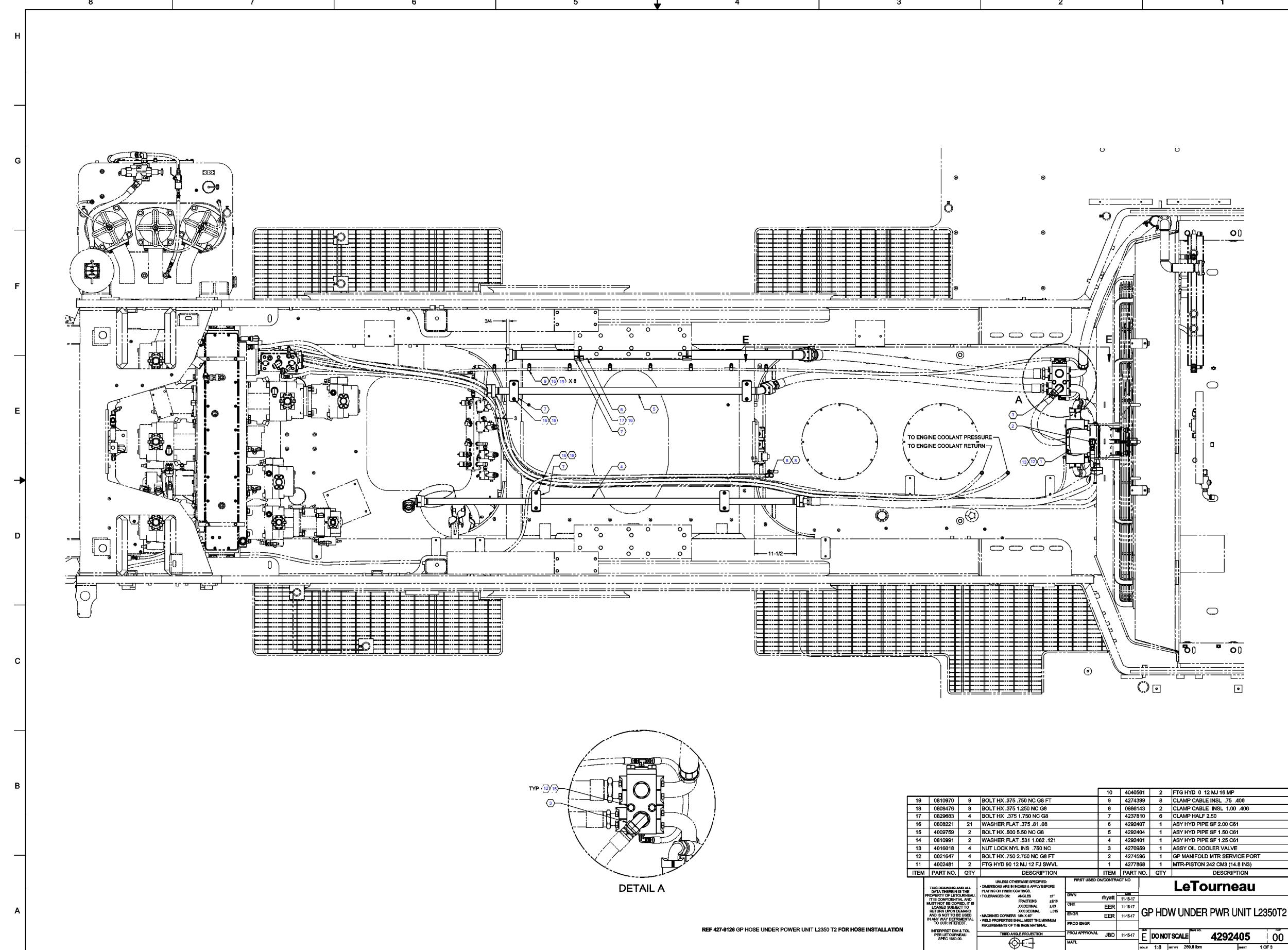
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	R4278417		HYDRAULIC RESERVOIR INSTALLATION HARDWARE GROUP		
1	R4278010	1	· REAR RETURN MANIFOLD ASSEMBLY		
	R4241091	1	· · REAR RETURN MANIFOLD STRUCTURE		
	R4050403	1	· · ADAPTER, #16 MO X #12 MJ		
	R4040567	REF	· · PLUG, #16 MO		
	R4002475	1	· · ELBOW, #16 MO X 90 deg. X #16 MJ		
	R4186402	10	· · FLANGE HALF, 2"		
	R4071255	5	· · O-RING, 2-1/4" I.D. - POLYURETHANE		
	R4210349	20	· · FLATWASHER, 1/2" - HARDENED		
	R4009753	20	· · BOLT, 1/2"-13 X 1-1/2"		
2	R4116587	1	· HOSE COVER, 2-1/2" X 60"		
3	R4105811	4	· BUSHING, 2-3/8" O.D.		
4	R0989003	6	· CLAMP, CABLE - INSULATED, 3/4"		
5	R4000304	3	· TUBE JOINT, 4" I.D. X 6-1/2" - STRAIGHT		
6	R4275763	1	· HOSE, #8 X 120"		
7	R4010923	6	· FLATWASHER, 1/4"		
8	R0808221	4	· FLATWASHER, 3/8"		
9	R0021549	8	· FLATWASHER, 1/2"		
10	R0213584	6	· LOCKWASHER, 1/4"		
11	R0753123	4	· LOCKWASHER, 3/8"		
12	R0801181	4	· LOCKWASHER, 1/2"		
13	R0021542	4	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
14	R0808489	4	· NUT, 1/2"-13		
15	R0812278	6	· BOLT, 1/4"-20 X 5/8"		
16	R0810970	4	· BOLT, 3/8"-16 X 3/4"		
17	R4155250	4	· BOLT, 1/2"-13 X 6-1/2"		
18	R4009525	4	· BOLT, 3/4"-10 X 2-1/4"		
			DRAWING, HYDRAULIC RESERVOIR INSTALLATION HARDWARE GROUP (R427841700)		

L-2350-2242 PARTS MANUAL
HYDRAULIC RESERVOIR INSTALLATION HARDWARE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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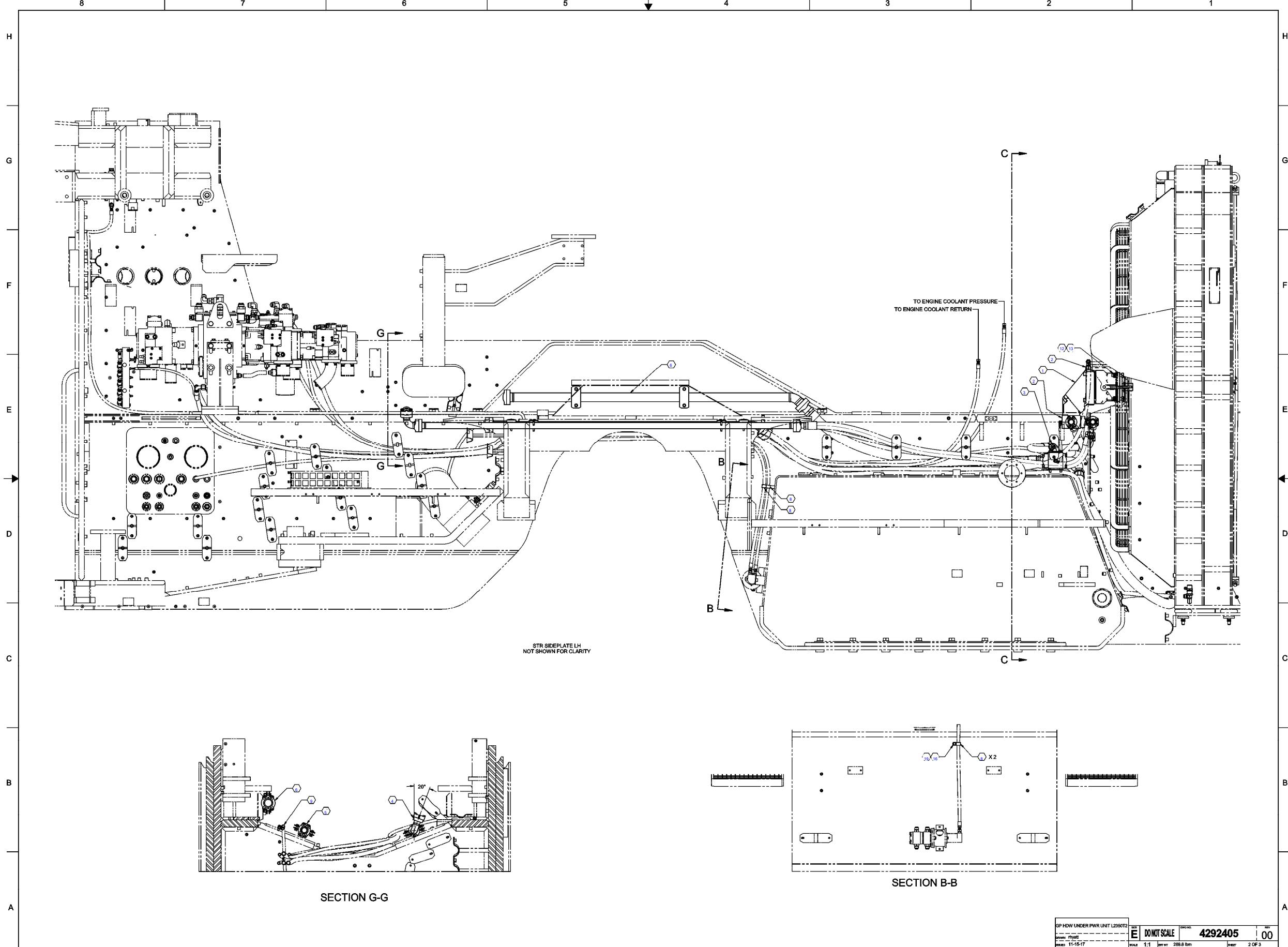
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UNDER POWER UNIT HARDWARE GROUP



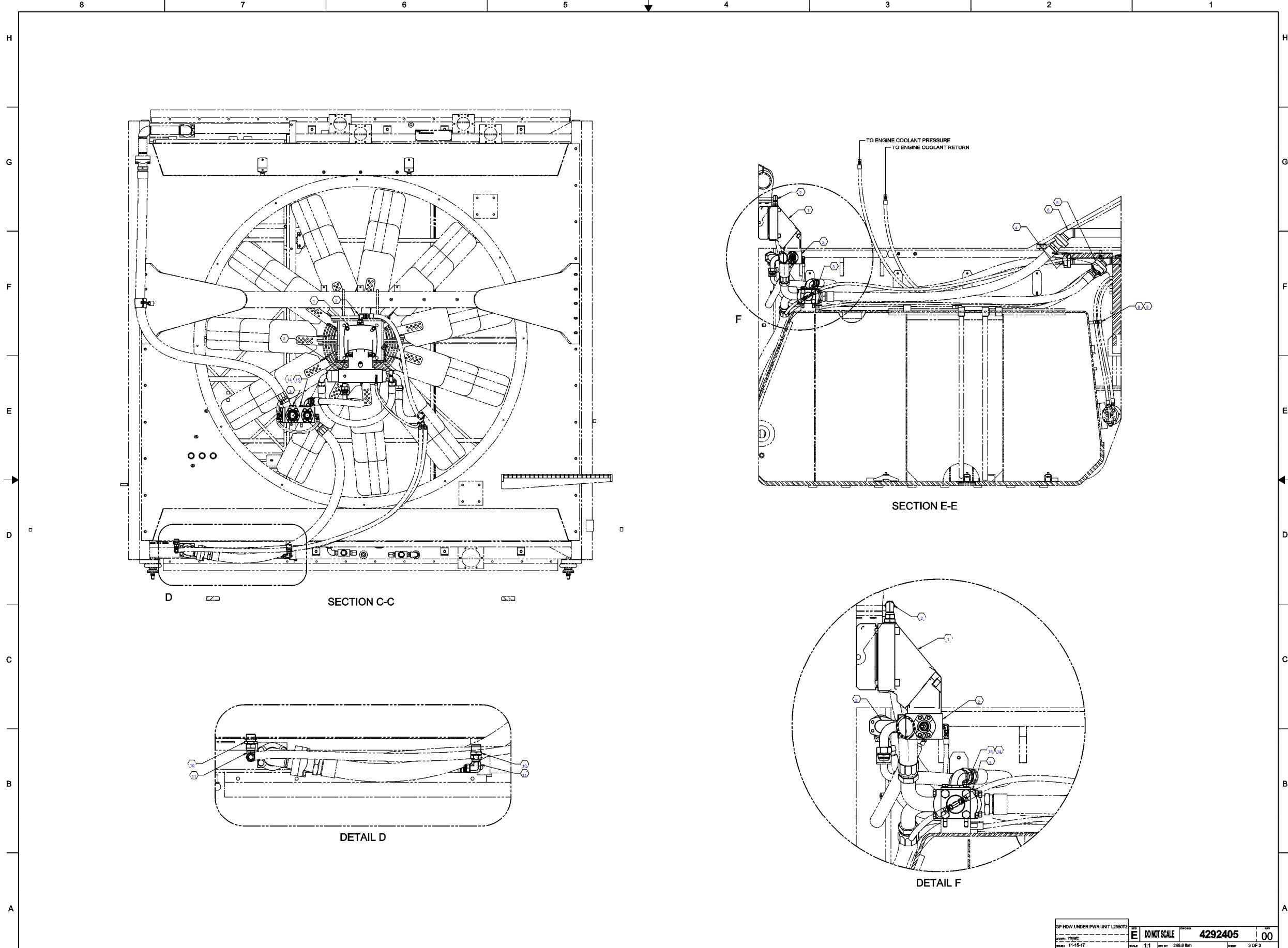
UNDER POWER UNIT HARDWARE GROUP

UNDER POWER UNIT HARDWARE GROUP



UNDER POWER UNIT HARDWARE GROUP

UNDER POWER UNIT HARDWARE GROUP



OP HDW UNDER PWR UNIT L25502
drawn: myatt
checked: 11-15-17
SCALE: 1:1 mm/mm 268.8 mm/mm 3 OF 3
E DO NOT SCALE DRG NO. 4292405 00

UNDER POWER UNIT HARDWARE GROUP

**L-2350-2242 PARTS MANUAL
UNDER POWER UNIT HARDWARE GROUP**

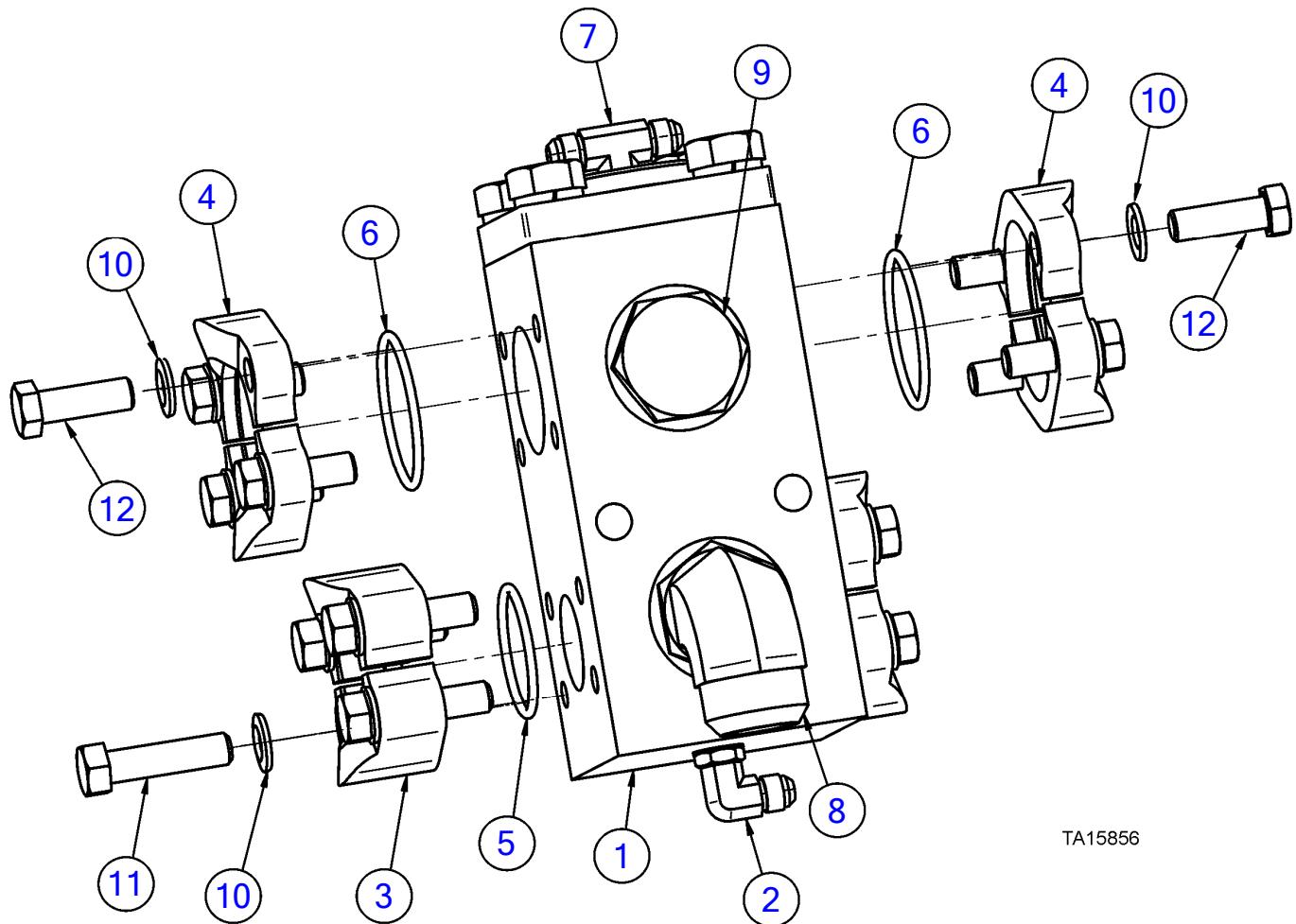
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4292405		UNDER POWER UNIT HARDWARE GROUP		
1	R4277868	1	· MOTOR, PISTON - 242 CM3 (14.8 IN3)		
2	R4274596	1	· FAN MOTOR MANIFOLD GROUP (PAGE 8.50-8.50A)		
3	R4270959	1	· OIL COOLER VALVE ASSEMBLY (PAGE 8.79-8.79A)		
4	R4292401	1	· HYDRAULIC PIPE ASSEMBLY, 1-1/4"		
	R4292400	1	· · PIPE STRUCTURE, 1-1/4"		
	R4255268	1	· · ELBOW STRUCTURE, 1-1/4" SF X 90 deg.		
5	R4292404	1	· HYDRAULIC PIPE ASSEMBLY, 1-1/2"		
	R4292403	1	· · PIPE STRUCTURE, 1-1/2"		
6	R4292407	1	· HYDRAULIC PIPE ASSEMBLY, 2"		
	R4238014	1	· · PIPE STRUCTURE, 2"		
7	R4237810	6	· CLAMP HALF, 2-1/2"		
8	R0986143	2	· CLAMP, CABLE - INSULATED, 1"		
9	R4274399	8	· CLAMP, CABLE - INSULATED, 3/4"		
10	R4040561	2	· ADAPTER, 1" MP X #12 MJ		
11	R4002481	2	· ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
12	R0021647	4	· BOLT, 3/4"-10 X 2-3/4"		
13	R4016018	4	· LOCKNUT, 3/4"-10 - NYLON		
14	R0810991	2	· FLATWASHER, 1/2" X 1" X 1/8"		
15	R4009759	2	· BOLT, 1/2"-13 X 5-1/2"		
16	R0808221	21	· FLATWASHER, 3/8"		
17	R0829683	4	· BOLT, 3/8"-16 X 1-3/4"		
18	R0808476	8	· BOLT, 3/8"-16 X 1-1/4"		
19	R0810970	9	· BOLT, 3/8"-16 X 3/4"		
15	R4009753	8	· BOLT, 1/2"-13 X 1-1/2"		
			DRAWING, UNDER POWER UNIT HARDWARE GROUP (R429240500)		

**L-2350-2242 PARTS MANUAL
UNDER POWER UNIT HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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OIL COOLER VALVE ASSEMBLY



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OIL COOLER VALVE ASSEMBLY

**L-2350-2242 PARTS MANUAL
OIL COOLER VALVE ASSEMBLY**

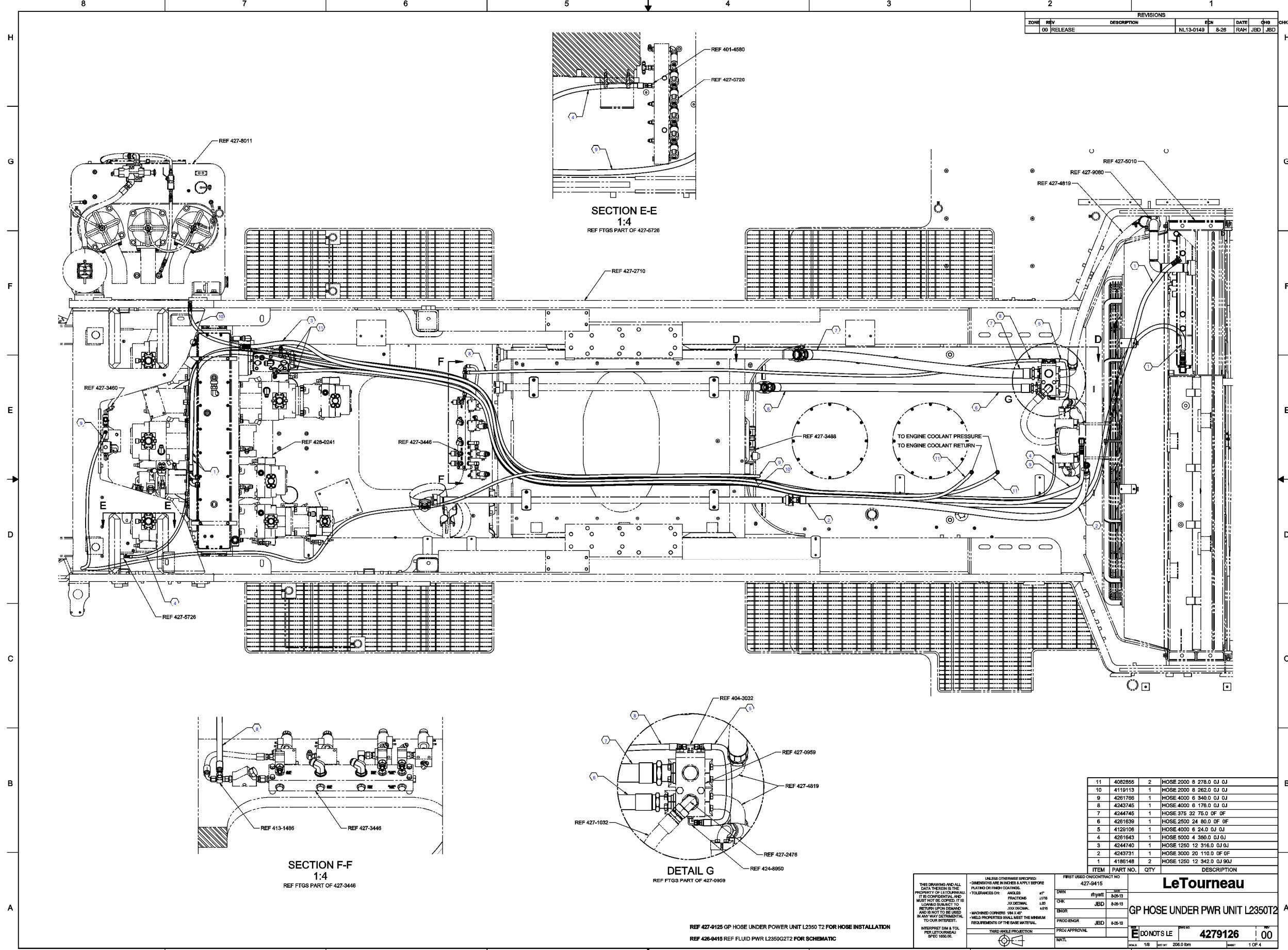
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270959		OIL COOLER VALVE ASSEMBLY		
1	R4277635	1	· OIL COOLER VALVE ASSEMBLY (PAGE 8.5-8.5A)		
2	R4248951	1	· ELBOW WITH .062" ORIFICE ASSEMBLY, #6 MO X 90 deg. X #6 MJ		
3	R4186401	2	· FLANGE HALF, 1-1/2"		
4	R4223453	6	· FLANGE HALF, 2"		
5	R4068358	1	· O-RING, 1-7/8" I.D. - POLYURETHANE		
6	R4071255	3	· O-RING, 2-1/4" I.D. - POLYURETHANE		
7	R4043032	1	· TEE, #6 MJ X #6 MO X #6 MJ		
8	R4002476	1	· ELBOW, #20 MO X 90 deg. X #20 MJ		
9	R4077099	1	· PLUG, 1-1/4" MO		
10	R4210349	16	· FLATWASHER, 1/2" - HARDENED		
11	R0827222	4	· BOLT, 1/2"-13 X 2"		
12	R4009753	12	· BOLT, 1/2"-13 X 1-1/2"		
			DRAWING, OIL COOLER VALVE ASSEMBLY (R427095901)		

**L-2350-2242 PARTS MANUAL
OIL COOLER VALVE ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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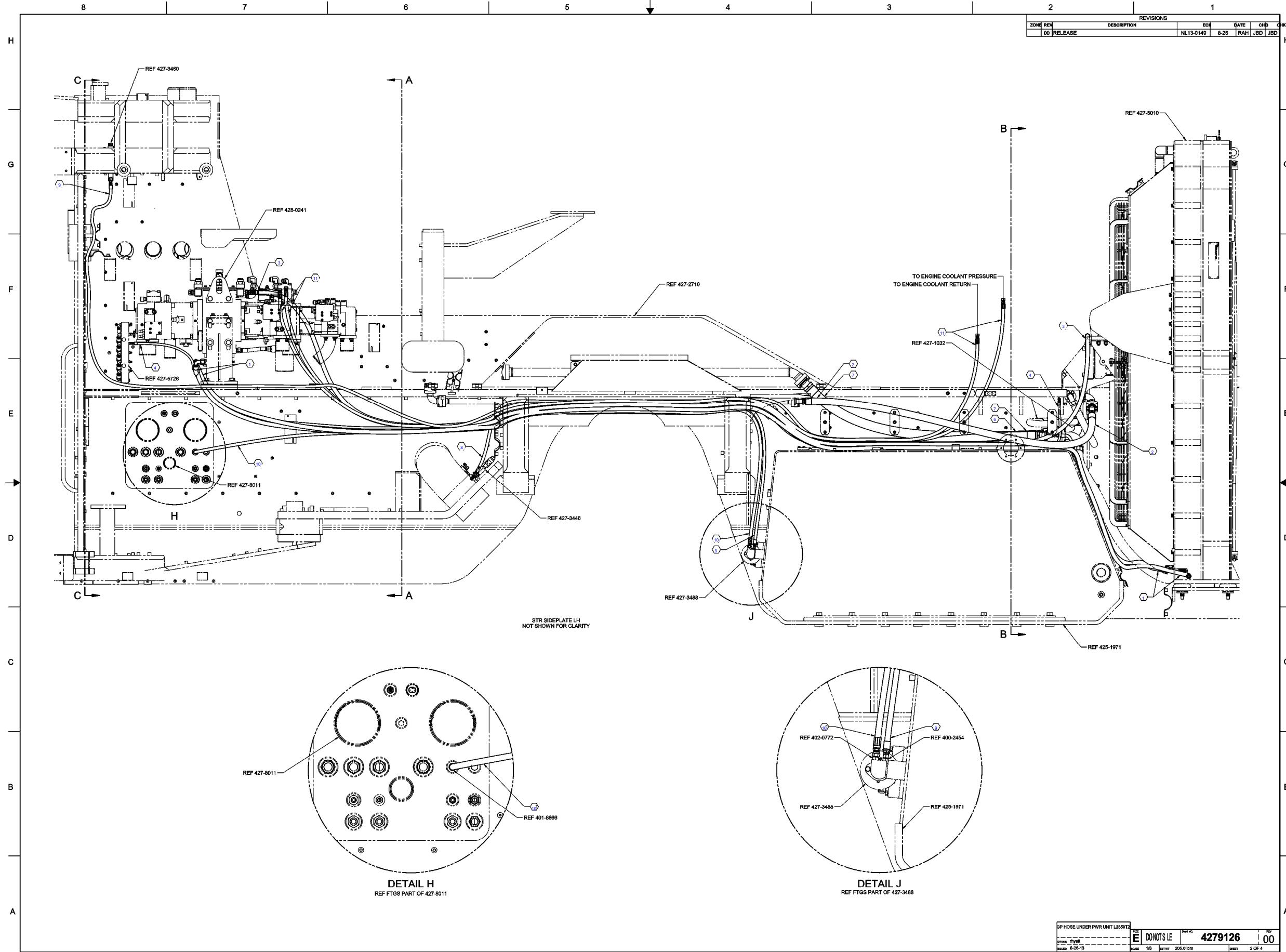
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UNDER POWER UNIT HOSE GROUP



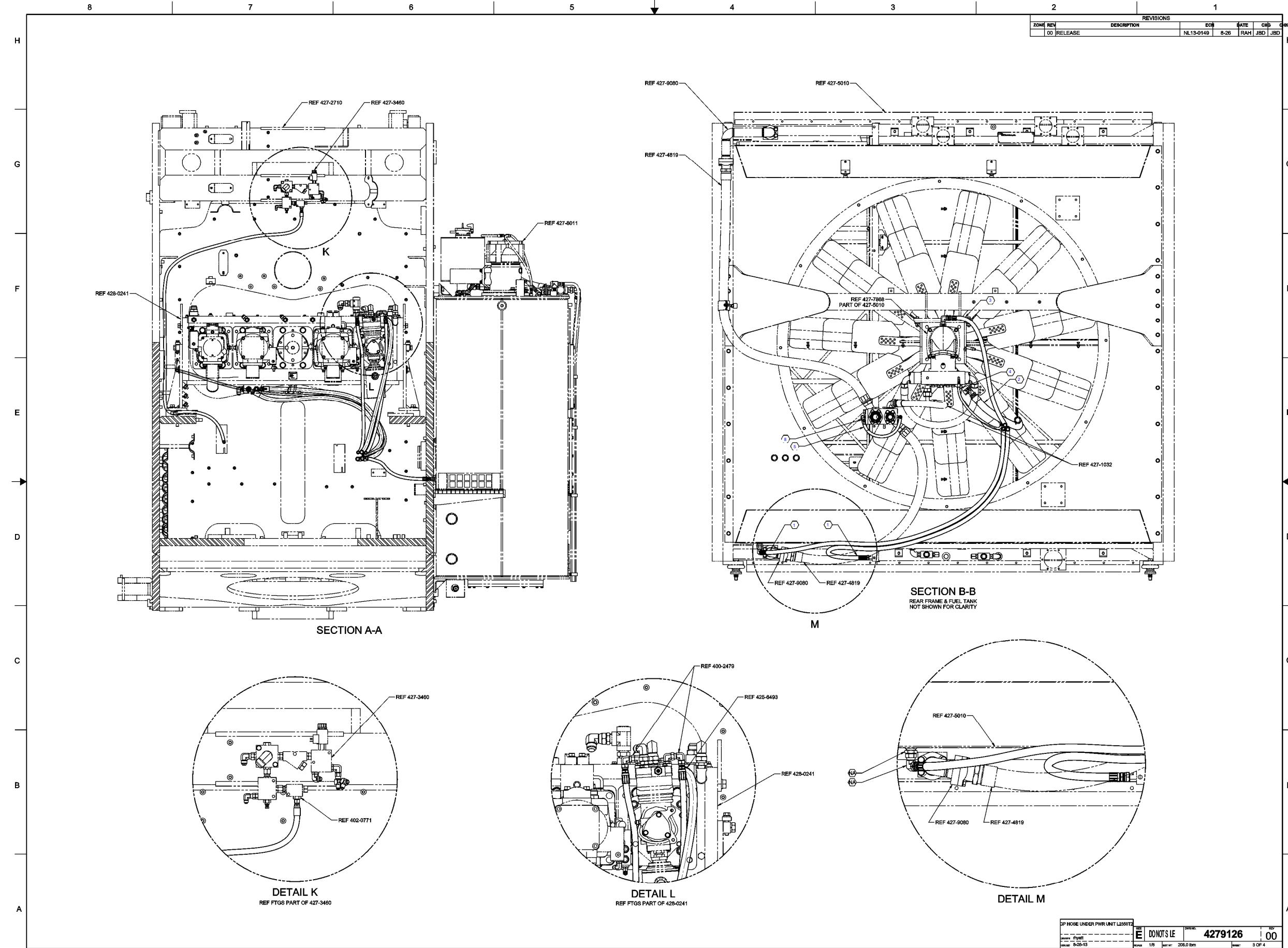
UNDER POWER UNIT HOSE GROUP

UNDER POWER UNIT HOSE GROUP



UNDER POWER UNIT HOSE GROUP

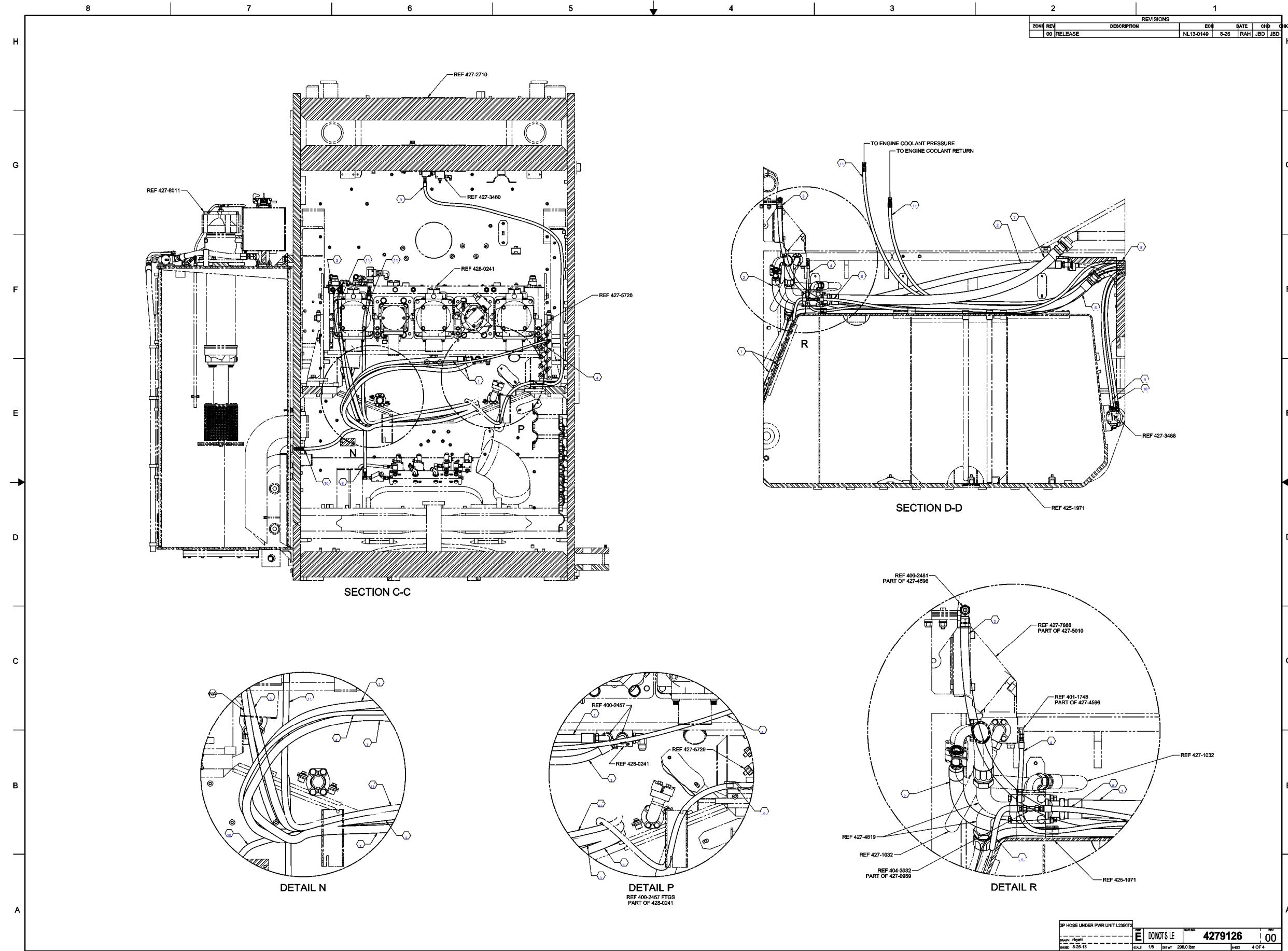
UNDER POWER UNIT HOSE GROUP



GP HOSE UNDER PWR UNIT L235012
DRAWN BY: E DONOT'S LE DRAWN NO: 4279126
REV: 00
SCALE: 1:18
DATE: 8-25-13
Sheet: 18 / 205.0 mm
Page: 3 OF 4

UNDER POWER UNIT HOSE GROUP

UNDER POWER UNIT HOSE GROUP



UNDER POWER UNIT HOSE GROUP

**L-2350-2242 PARTS MANUAL
UNDER POWER UNIT HOSE GROUP**

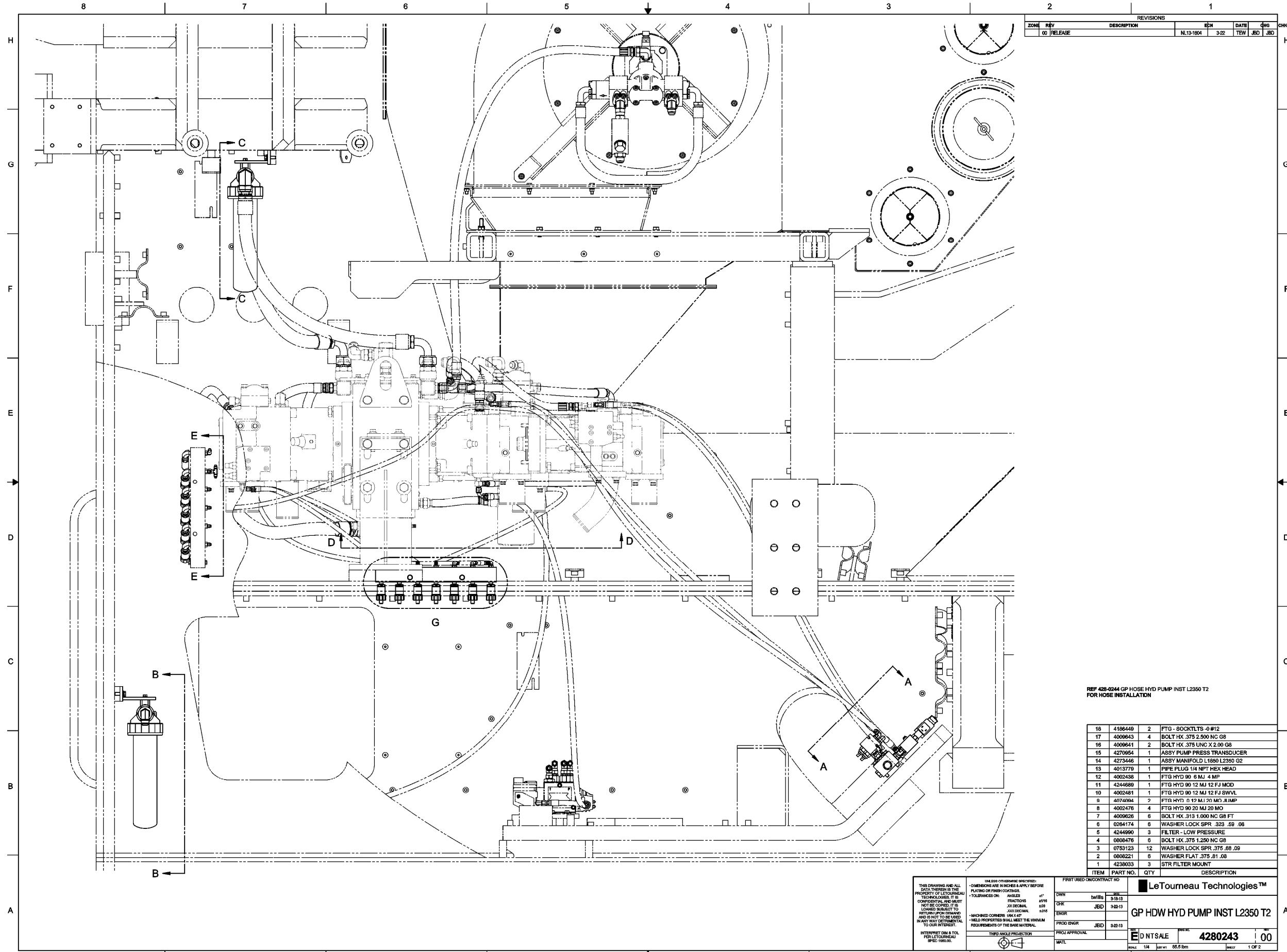
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4279126		UNDER POWER UNIT HOSE GROUP		
1	R4186148	2	· HOSE ASSEMBLY, #12 X 342"		
2	R4243731	1	· HOSE ASSEMBLY, #20 X 110"		
3	R4244740	1	· HOSE ASSEMBLY, #12 X 316"		
4	R4261643	1	· HOSE ASSEMBLY, #4 X 350"		
5	R4129106	1	· HOSE ASSEMBLY, #6 X 24"		
6	R4261639	1	· HOSE ASSEMBLY, #24 X 80"		
7	R4244745	1	· HOSE ASSEMBLY, #32 X 75"		
8	R4243745	1	· HOSE ASSEMBLY, #6 X 176"		
9	R4261766	1	· HOSE ASSEMBLY, #6 X 340"		
10	R4119113	1	· HOSE ASSEMBLY, #8 X 262"		
11	R4082855	2	· HOSE ASSEMBLY, #8 X 278"		
			DRAWING, UNDER POWER UNIT HOSE GROUP (R427912600)		

**L-2350-2242 PARTS MANUAL
UNDER POWER UNIT HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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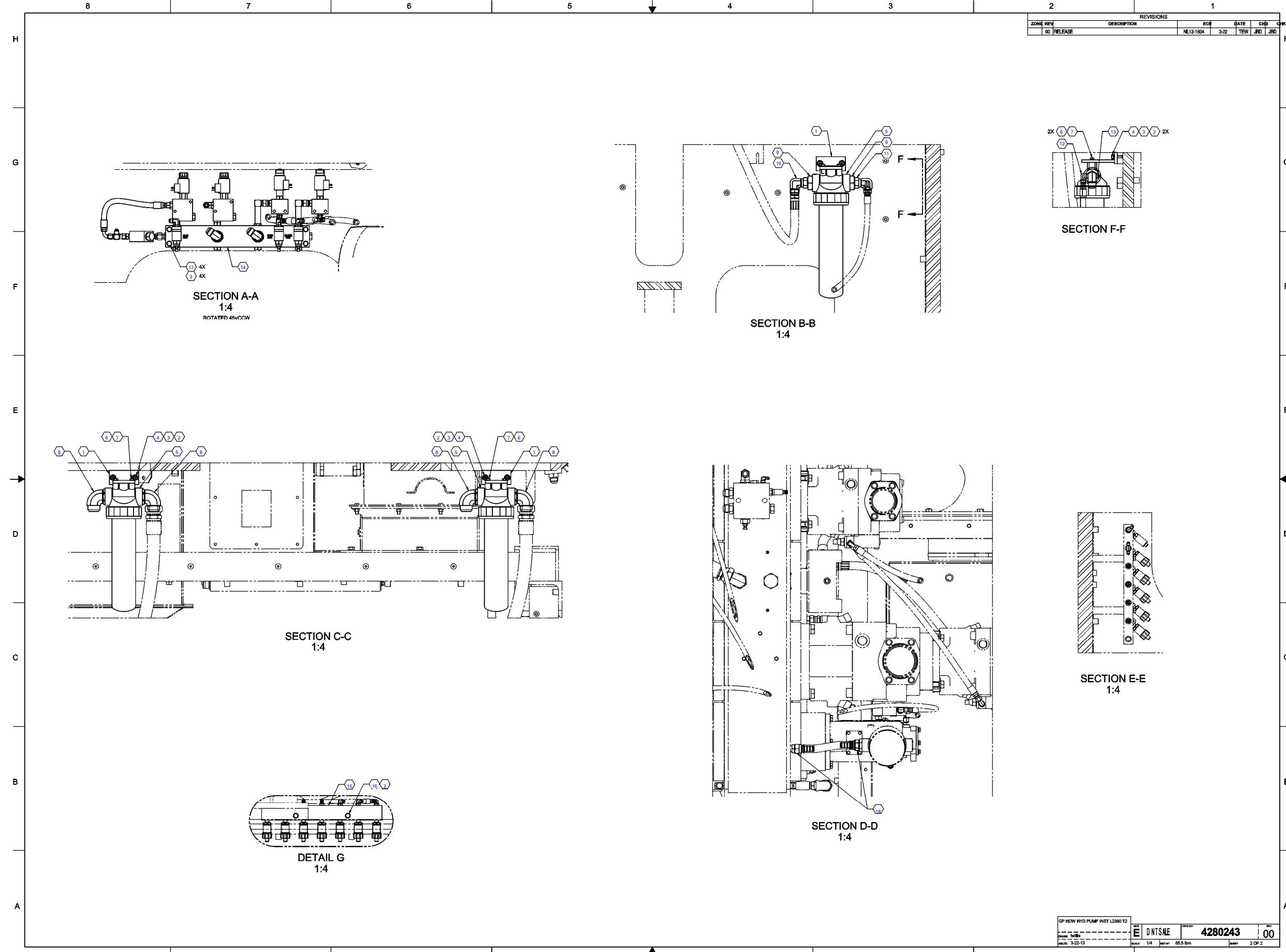
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HYDRAULIC PUMP INSTALLATION HARDWARE GROUP



HYDRAULIC PUMP INSTALLATION HARDWARE GROUP

HYDRAULIC PUMP INSTALLATION HARDWARE GROUP



HYDRAULIC PUMP INSTALLATION HARDWARE GROUP

L-2350-2242 PARTS MANUAL
HYDRAULIC PUMP INSTALLATION HARDWARE GROUP

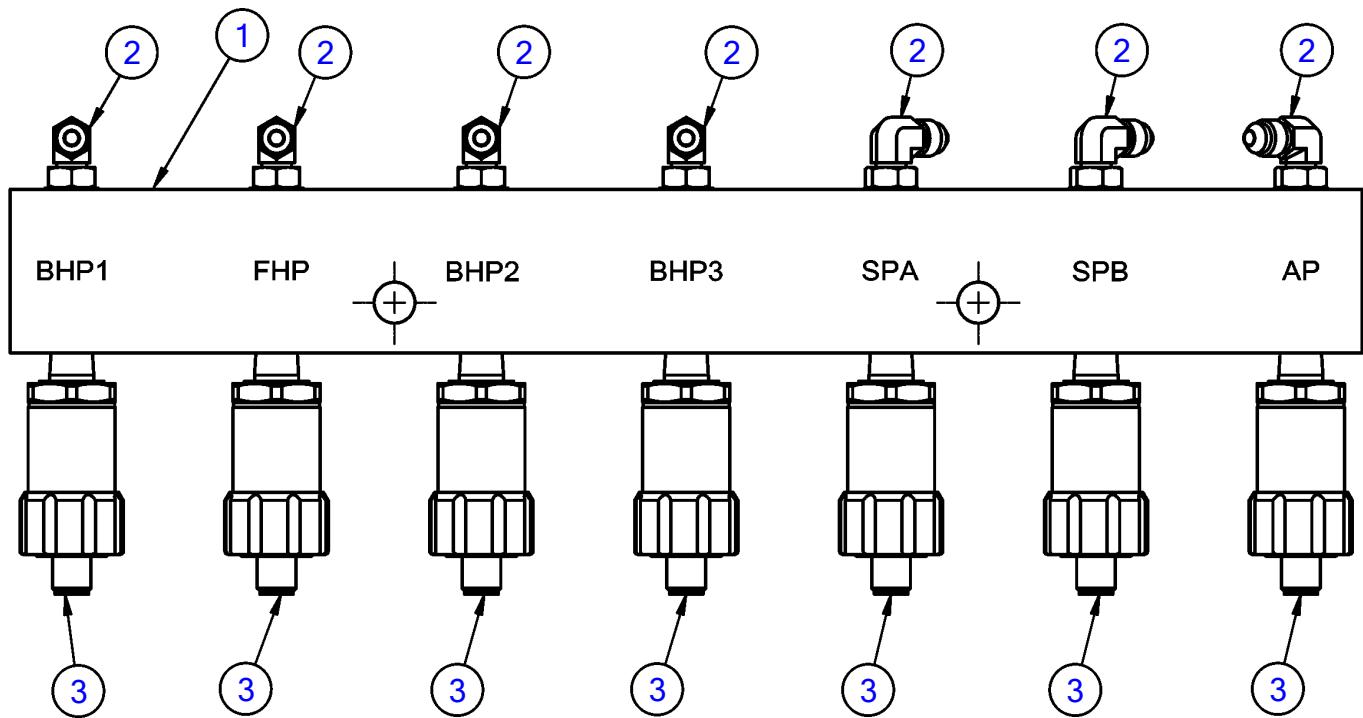
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4280243		HYDRAULIC PUMP INSTALLATION HARDWARE GROUP		
1	R4238033	3	· MOUNT STRUCTURE, FILTER		
2	R0808221	6	· FLATWASHER, 3/8"		
3	R0753123	12	· LOCKWASHER, 3/8"		
4	R0808476	6	· BOLT, 3/8"-16 X 1-1/4"		
5	R4244990	3	· FILTER ASSEMBLY, LOW PRESSURE		
	R4244991	3	· ELEMENT, FILTER		
	R4002211	3	· O-RING, 3-3/8" I.D. - BUNA N		
6	R0264174	6	· LOCKWASHER, 5/16"		
7	R4009626	6	· BOLT, 5/16"-18 X 1"		
8	R4002476	4	· ELBOW, #20 MO X 90 deg. X #20 MJ		
9	R4074094	2	· ADAPTER STRUCTURE, #20 MO X #12 MJ		
10	R4002481	1	· ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
11	R4244689	1	· ELBOW, #12 FJ X 90 deg. X #12 MJ		
12	R4002438	1	· ELBOW, 1/4" MP X 90 deg. X #6 MJ		
13	R4013779	1	· PLUG, PIPE - 1/4", HEX HD.		
14	R4273446	1	· PROPORTIONAL AND RELIEF MANIFOLD ASSEMBLY (PAGE 8.7-8.7A)		
15	R4270954	1	· PUMP PRESSURE TRANSDUCER ASSEMBLY (PAGE 8.82-8.82A)		
16	R4009641	2	· BOLT, 3/8"-16 X 2"		
17	R4009643	4	· BOLT, 3/8"-16 X 2-1/2"		
18	R4186449	2	· ADAPTER, #12 FJ X #12 HOSE		
			DRAWING, HYDRAULIC PUMP INSTALLATION HARDWARE GROUP (R428024300)		

**L-2350-2242 PARTS MANUAL
HYDRAULIC PUMP INSTALLATION HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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PUMP PRESSURE TRANSDUCER ASSEMBLY



TA15857

PUMP PRESSURE TRANSDUCER ASSEMBLY

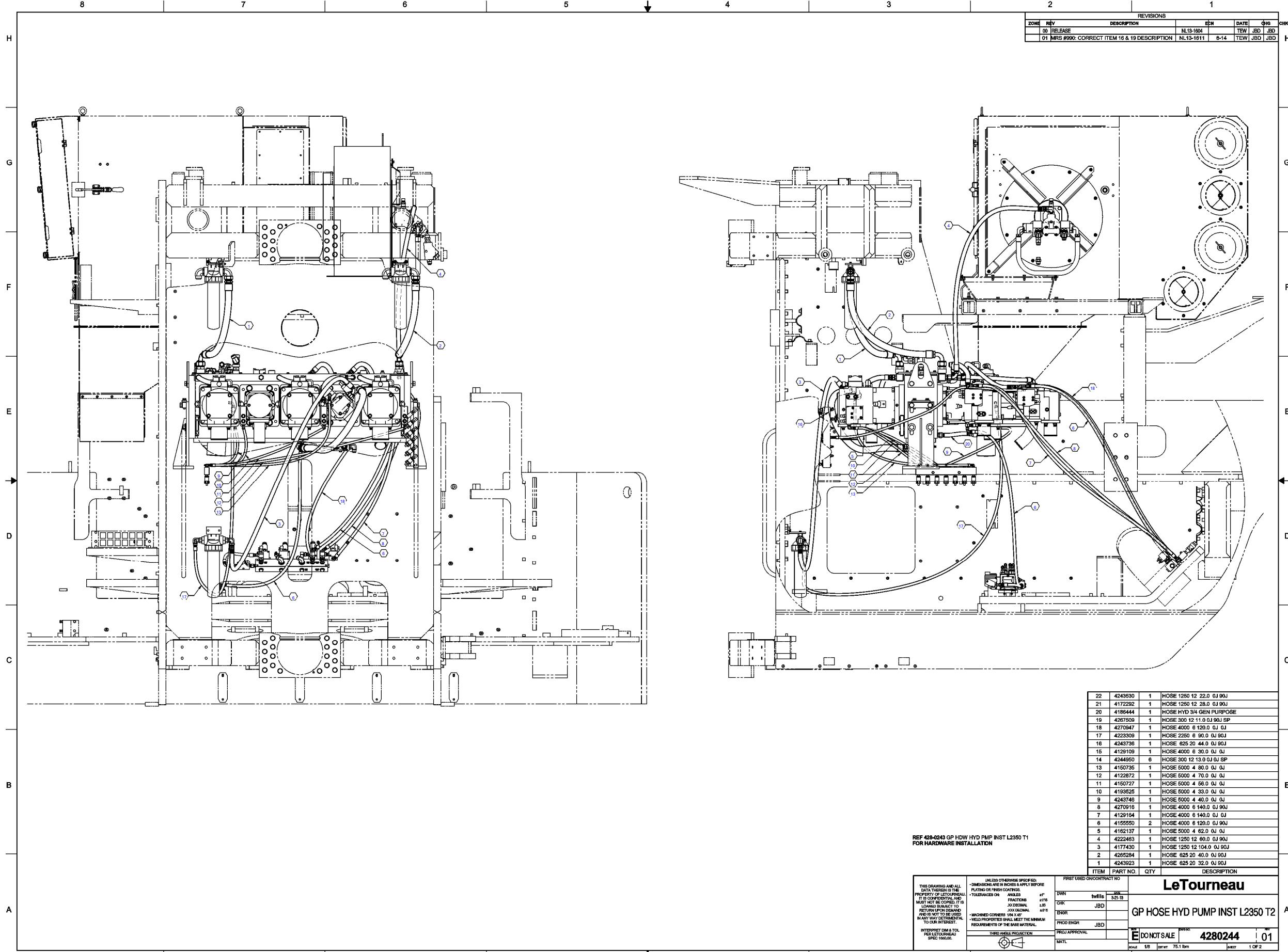
L-2350-2242 PARTS MANUAL
PUMP PRESSURE TRANSDUCER ASSEMBLY

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270954		PUMP PRESSURE TRANSDUCER ASSEMBLY		
1	R4241115	1	· MANIFOLD HOUSING		
2	R4014581	7	· ELBOW, #4 MO X 90 deg. X #4 MJ - ADJ.		
3	R4255491	7	· TRANSMITTER, PRESSURE - 0-5000 PSI		
			DRAWING, PUMP PRESSURE TRANSDUCER ASSEMBLY (R427095401)		

**L-2350-2242 PARTS MANUAL
PUMP PRESSURE TRANSDUCER ASSEMBLY**

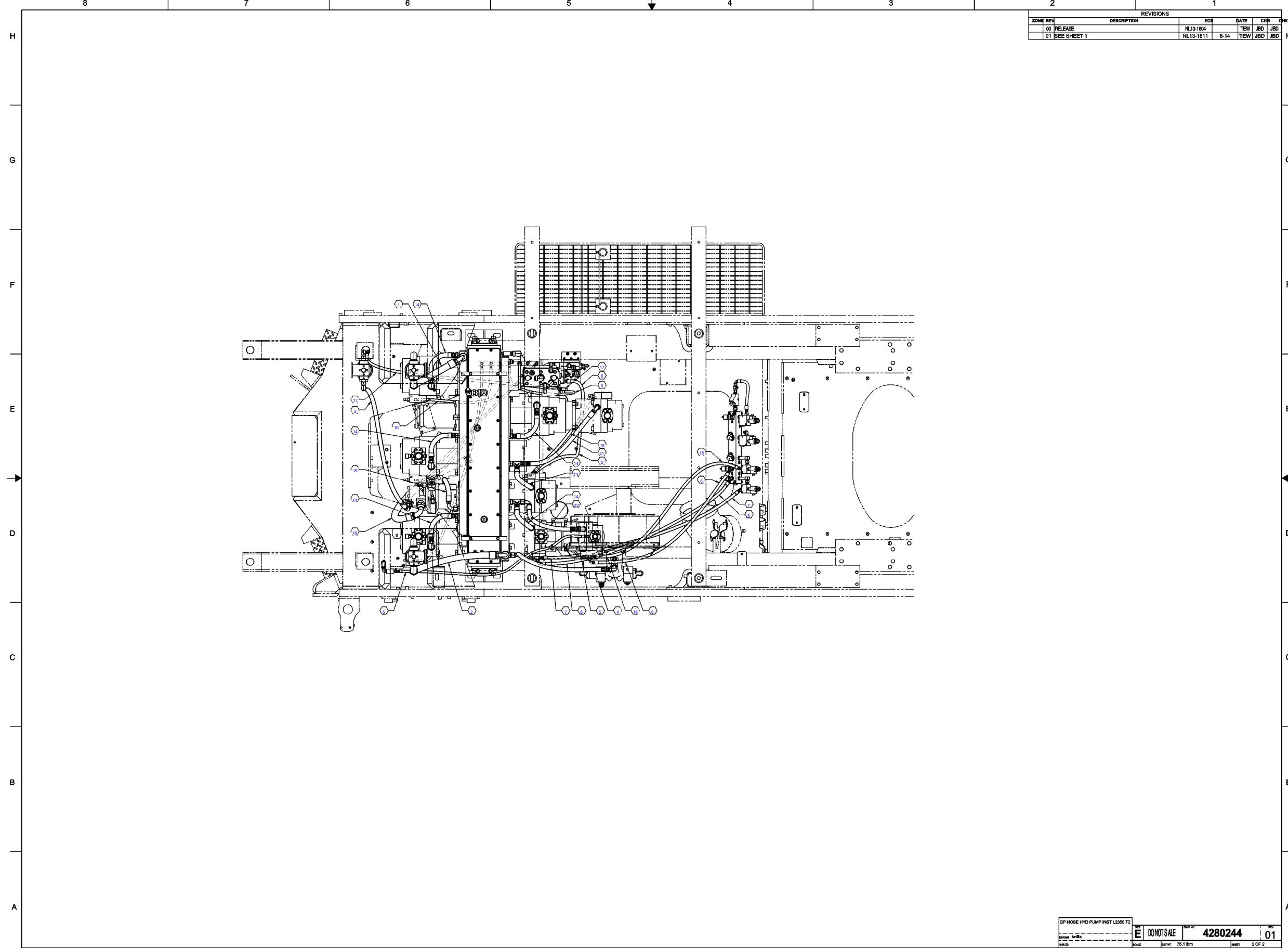
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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HYDRAULIC PUMP INSTALLATION HOSE GROUP



HYDRAULIC PUMP INSTALLATION HOSE GROUP

HYDRAULIC PUMP INSTALLATION HOSE GROUP



HYDRAULIC PUMP INSTALLATION HOSE GROUP

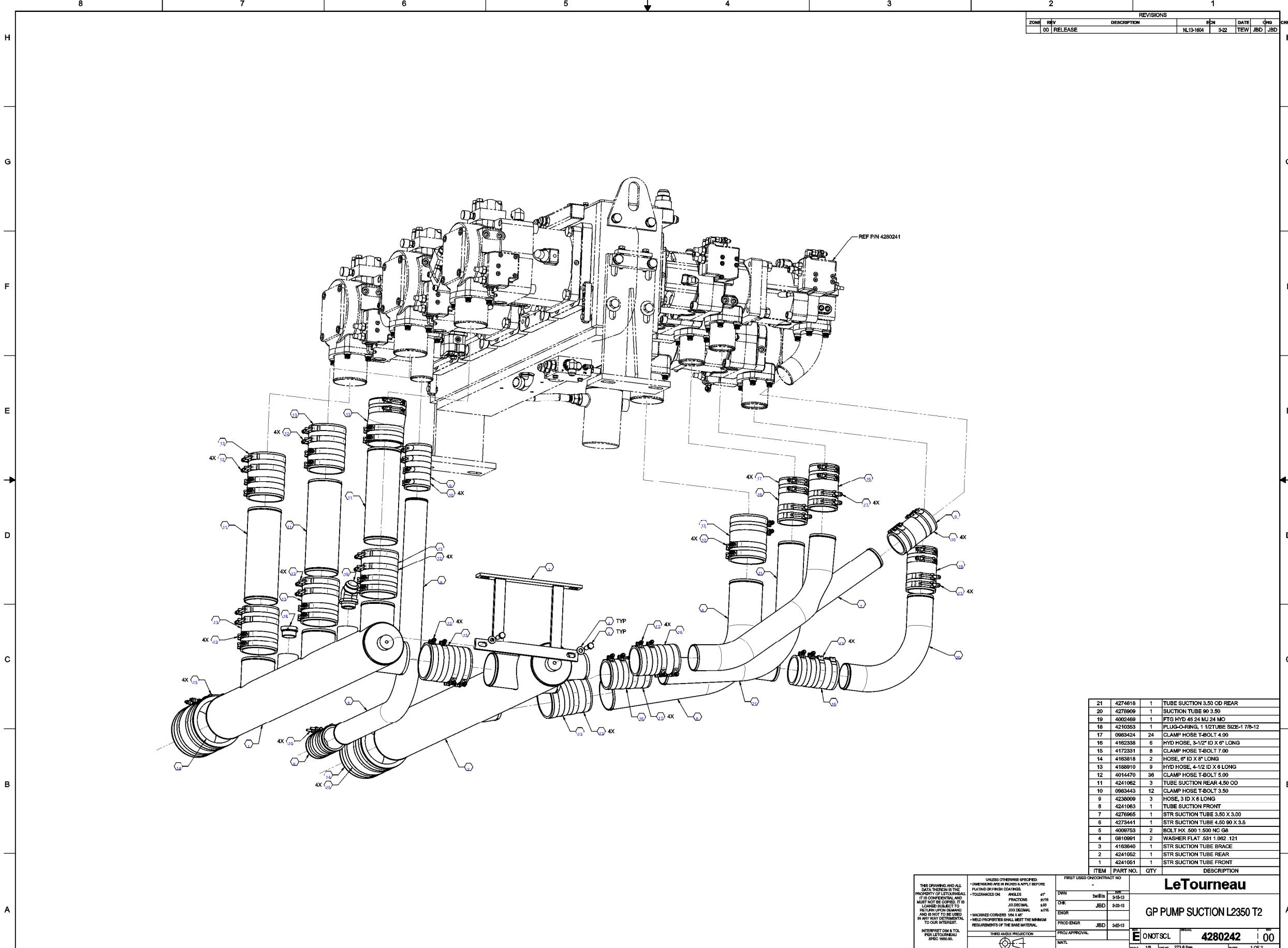
L-2350-2242 PARTS MANUAL
HYDRAULIC PUMP INSTALLATION HOSE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4280244		HYDRAULIC PUMP INSTALLATION HOSE GROUP		
1	R4243923	1	· HOSE ASSEMBLY, #20 X 32"		
2	R4265284	1	· HOSE ASSEMBLY, #20 X 40"		
3	R4177430	1	· HOSE ASSEMBLY, #12 X 104"		
4	R4222463	1	· HOSE ASSEMBLY, #12 X 60"		
5	R4162137	1	· HOSE ASSEMBLY, #4 X 62"		
6	R4155550	2	· HOSE ASSEMBLY, #6 X 120"		
7	R4129164	1	· HOSE ASSEMBLY, #6 X 140"		
8	R4270916	1	· HOSE ASSEMBLY, #6 X 140"		
9	R4243746	1	· HOSE ASSEMBLY, #4 X 40"		
10	R4193525	1	· HOSE ASSEMBLY, #4 X 33"		
11	R4150727	1	· HOSE ASSEMBLY, #4 X 56"		
12	R4122872	1	· HOSE ASSEMBLY, #4 X 70"		
13	R4150735	1	· HOSE ASSEMBLY, #4 X 80"		
14	R4244950	6	· HOSE ASSEMBLY, #12 X 13"		
15	R4129109	1	· HOSE ASSEMBLY, #6 X 30"		
16	R4243736	1	· HOSE ASSEMBLY, #20 X 44"		
17	R4223309	1	· HOSE ASSEMBLY, #6 X 90"		
18	R4270947	1	· HOSE ASSEMBLY, #6 X 120"		
19	R4267509	1	· HOSE ASSEMBLY, #12 X 11"		
20	R4186444	1	· HOSE, 3/4" I.D.		
21	R4172292	1	· HOSE ASSEMBLY, #12 X 28"		
22	R4243530	1	· HOSE ASSEMBLY, #12 X 22"		
			DRAWING, HYDRAULIC PUMP INSTALLATION HOSE GROUP (R428024401)		

L-2350-2242 PARTS MANUAL
HYDRAULIC PUMP INSTALLATION HOSE GROUP

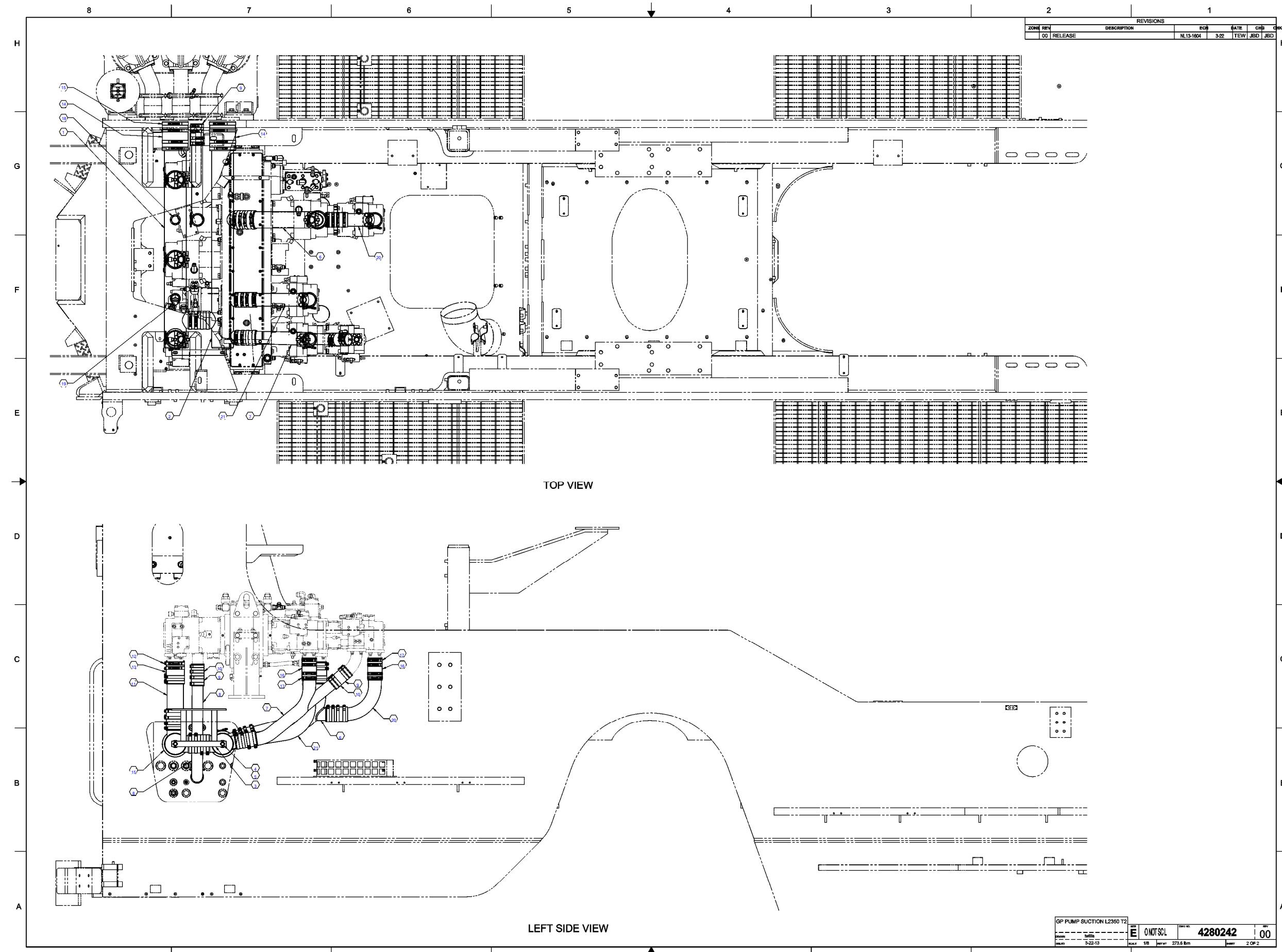
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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PUMP SUCTION GROUP



PUMP SUCTION GROUP

PUMP SUCTION GROUP



PUMP SUCTION GROUP

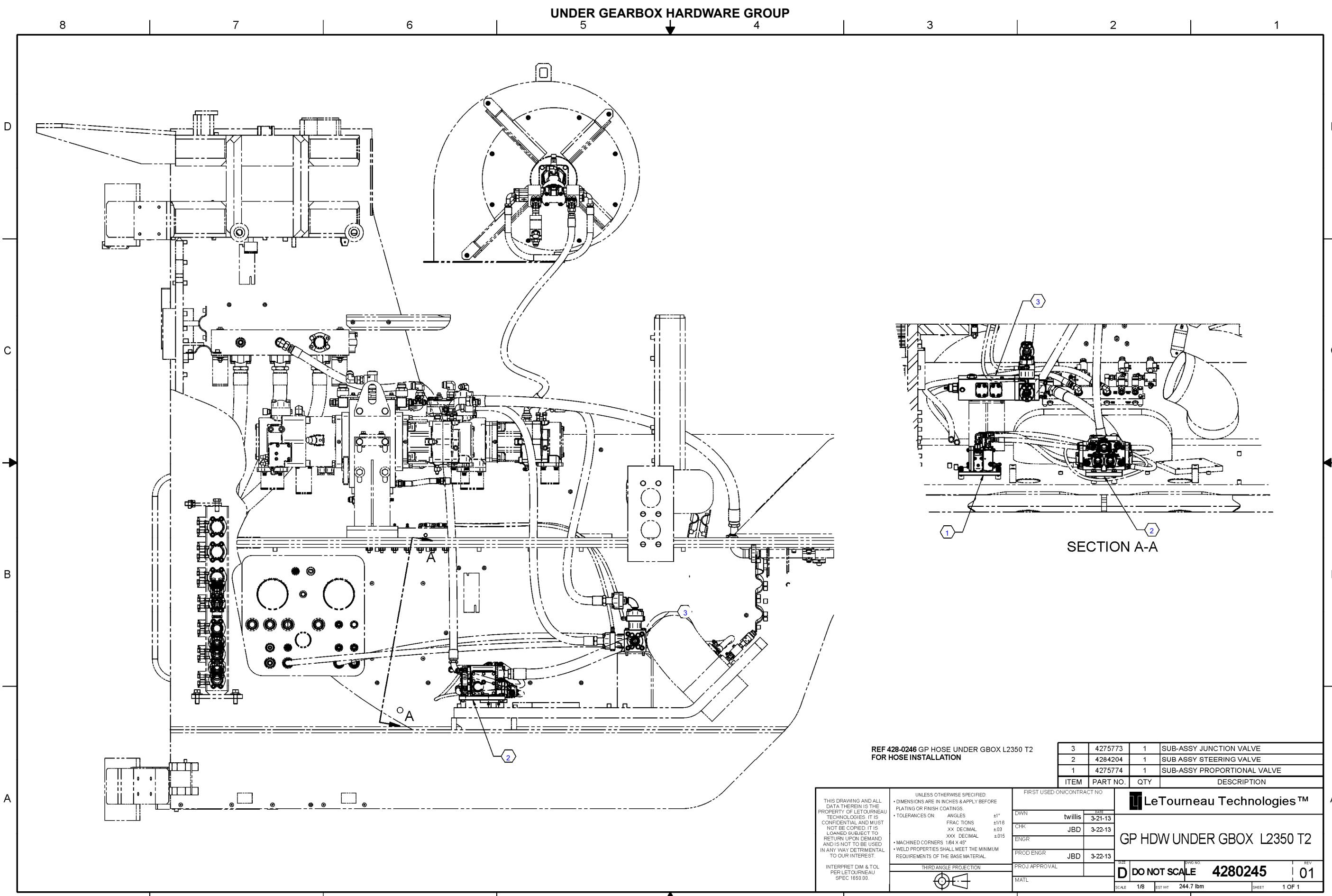
**L-2350-2242 PARTS MANUAL
PUMP SUCTION GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4280242		PUMP SUCTION GROUP		
1	R4241051	1	· TUBE STRUCTURE, SUCTION - FRONT		
2	R4241052	1	· TUBE STRUCTURE, SUCTION - REAR		
3	R4163640	1	· MOUNT STRUCTURE, SUCTION TUBE		
4	R0810991	2	· FLATWASHER, 1/2" X 1" X 1/8"		
5	R4009753	2	· BOLT, 1/2"-13 X 1-1/2"		
6	R4273441	1	· TUBE STRUCTURE, SUCTION - 4-1/2" X 90 deg. X 3-1/2"		
7	R4246965	1	· TUBE STRUCTURE, SUCTION - 3" X 3-1/2"		
8	R4241063	1	· TUBE, SUCTION		
9	R4238009	3	· HOSE, 3" I.D. X 6"		
10	R0983443	12	· CLAMP, HOSE - T-BOLT, 3-1/2"		
11	R4241062	3	· TUBE, SUCTION - 4-1/2" O.D. X 12-7/8"		
12	R4014470	36	· CLAMP, HOSE - T-BOLT, 5"		
13	R4188910	9	· HOSE, 4-1/2" I.D. X 6"		
14	R4163818	2	· HOSE, 6" I.D. X 8"		
15	R4172331	8	· CLAMP, HOSE - T-BOLT, 7"		
16	R4162338	6	· HOSE, 3-1/2" I.D. X 6"		
17	R0983424	24	· CLAMP, HOSE - T-BOLT, 4"		
18	R4210353	1	· PLUG, #24 MO		
19	R4002469	1	· ELBOW, #24 MO X 45 deg. X #24 MJ		
20	R4278909	1	· TUBE, SUCTION - 3-1/2" X 90 deg. X 3-1/2"		
21	R4274618	1	· TUBE, SUCTION - 3-1/2" X 90 deg. X 3-1/2"		
			DRAWING, PUMP SUCTION GROUP (R428024200)		

**L-2350-2242 PARTS MANUAL
PUMP SUCTION GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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UNDER GEARBOX HARDWARE GROUP

**L-2350-2242 PARTS MANUAL
UNDER GEARBOX HARDWARE GROUP**

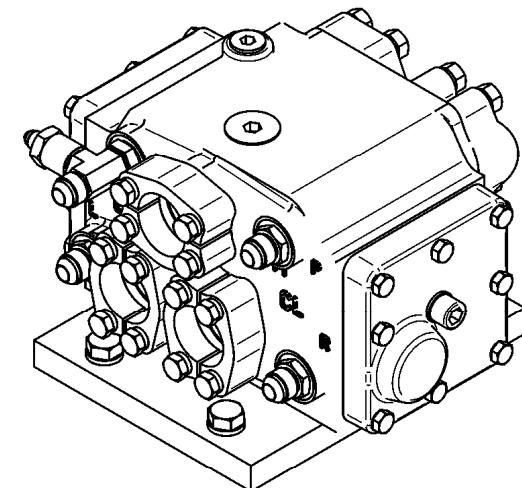
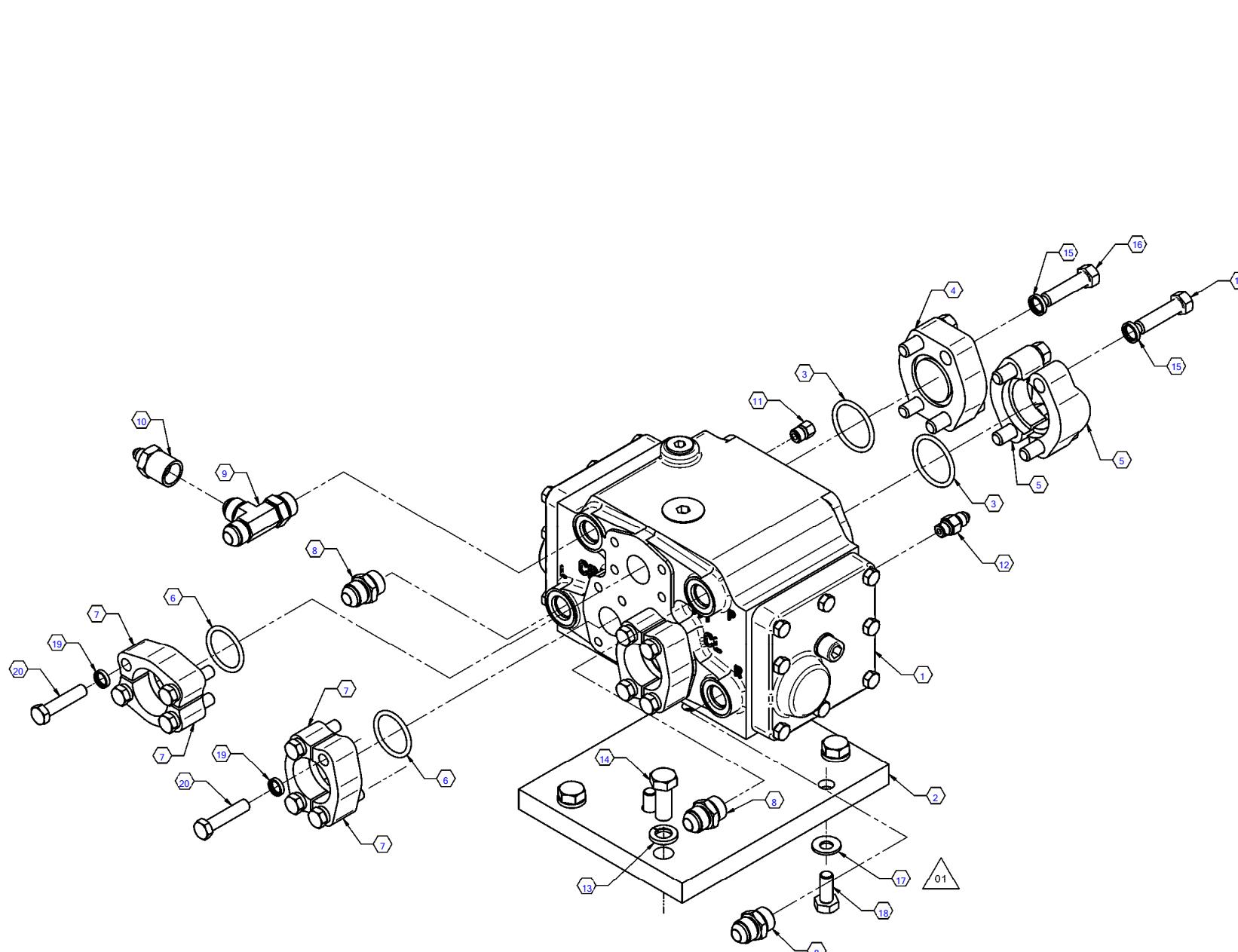
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4280245		UNDER GEARBOX HARDWARE GROUP		4/25/17
1	R4275774	1	· PROPORTIONAL VALVE SUB-ASSEMBLY (PAGE 8.51-8.51A)		
2	R4284204	1	· STEERING VALVE SUB-ASSEMBLY (PAGE 8.86-8.86A)		4/25/17
3	R4275773	1	· JUNCTION VALVE ASSEMBLY (PAGE 8.49-8.49A)		
			DRAWING, UNDER GEARBOX HARDWARE GROUP (R428024501)		4/25/17

**L-2350-2242 PARTS MANUAL
UNDER GEARBOX HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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STEERING VALVE SUB-ASSY



ITEM	PART NO.	QTY	DESCRIPTION
20	0829683	12	BOLT HX .375 1.750 NC G8
19	4210347	12	WASHER FLAT .375 .56 .13 HRD
18	4103848	3	BOLT HX M10 x 1.50 x 25 (0.98)
17	4285243	3	WASH BELL HRD .431 .906 .078
16	4213614	8	BOLT HX .438 1.750 NC G8
15	4210348	8	WASHER FLAT .438 .66 .13 HRD
14	4009752	4	BOLT HX .500 1.250 NC G8 FT
13	0801181	4	WASHER LOCK SPR .500 .873 .125
12	4014580	1	FTG HYD 0 4 MJ 4 MO
11	4020770	1	PLUG HX 4MO
10	4257157	1	FTG HYD 0 8 FJ 4 MJ
9	4020762	1	FTG HYD TE 8 MJ MO 8 MJ
8	4002455	3	FTG HYD 0 8 MJ 8 MO
7	4186491	6	FLANGE HALF 1.00 FORG C61
6	4105005	3	O-RING 1 SAE SPLIT FLANGE
5	4186400	2	FLANGE HALF FORG 1.25 6000
4	4008733	1	PLUG 1-1/4 SF
3	4068357	2	O-RING, 1-1/4 SAE SPLIT FLANGE
2	4103847	1	MOUNT PLATE-VALVE DANFOSS
1	4270856	1	STEERING VALVE

THIS DRAWING AND ALL DATA THEREIN IS THE PROPERTY OF LETOURNEAU. IT IS TO BE KEPT INTERNAL AND MUST NOT BE COPIED. IT IS LOANED SUBJECT TO RETURN UPON DEMAND AND IS NOT TO BE USED IN ANY WAY DETERIMENTAL TO OUR INTEREST.		UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES & APPLY BEFORE PLATING OR FINISH COATINGS.		FIRST USED ON/CONTRACT NO:		LeTourneau	
		• DIMENSIONS ARE IN INCHES & APPLY BEFORE PLATING OR FINISH COATINGS.		428-0245			
		• TOLERANCES ON ANGLES		DWN	ANW	DATE	
		FRAC TIONS $\pm 1^\circ$				7-11-14	
		XX DECIMAL $\pm .03$		CHK	ANW	9-11-14	
		XXX DECIMAL $\pm .015$		ENGR	JBD	9-11-14	
		• MACHINED CORNERS 1/64 X 45°		PROD ENGR			
		• WELD PROPERTIES SHALL MEET THE MINIMUM REQUIREMENTS OF THE BASE MATERIAL					
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		THIRD ANGLE PROJECTION		PROJ APPROVAL	
				DWN	ANW	9-11-14	
				CHK	ANW		
				ENGR	JBD		
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		PROJ APPROVAL		9-11-14	
				DWN	ANW		
				CHK	ANW		
				ENGR	JBD		
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		PROJ APPROVAL		9-11-14	
				DWN	ANW		
				CHK	ANW		
				ENGR	JBD		
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		PROJ APPROVAL		9-11-14	
				DWN	ANW		
				CHK	ANW		
				ENGR	JBD		
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		PROJ APPROVAL		9-11-14	
				DWN	ANW		
				CHK	ANW		
				ENGR	JBD		
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		PROJ APPROVAL		9-11-14	
				DWN	ANW		
				CHK	ANW		
				ENGR	JBD		
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		PROJ APPROVAL		9-11-14	
				DWN	ANW		
				CHK	ANW		
				ENGR	JBD		
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		PROJ APPROVAL		9-11-14	
				DWN	ANW		
				CHK	ANW		
				ENGR	JBD		
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		PROJ APPROVAL		9-11-14	
				DWN	ANW		
				CHK	ANW		
				ENGR	JBD		
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		PROJ APPROVAL		9-11-14	
				DWN	ANW		
				CHK	ANW		
				ENGR	JBD		
		INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.		PROJ APPROVAL		9-11-14	
				DWN	ANW		

STEERING VALVE SUB-ASSY

**L-2350-2242 PARTS MANUAL
STEERING VALVE SUB-ASSY**

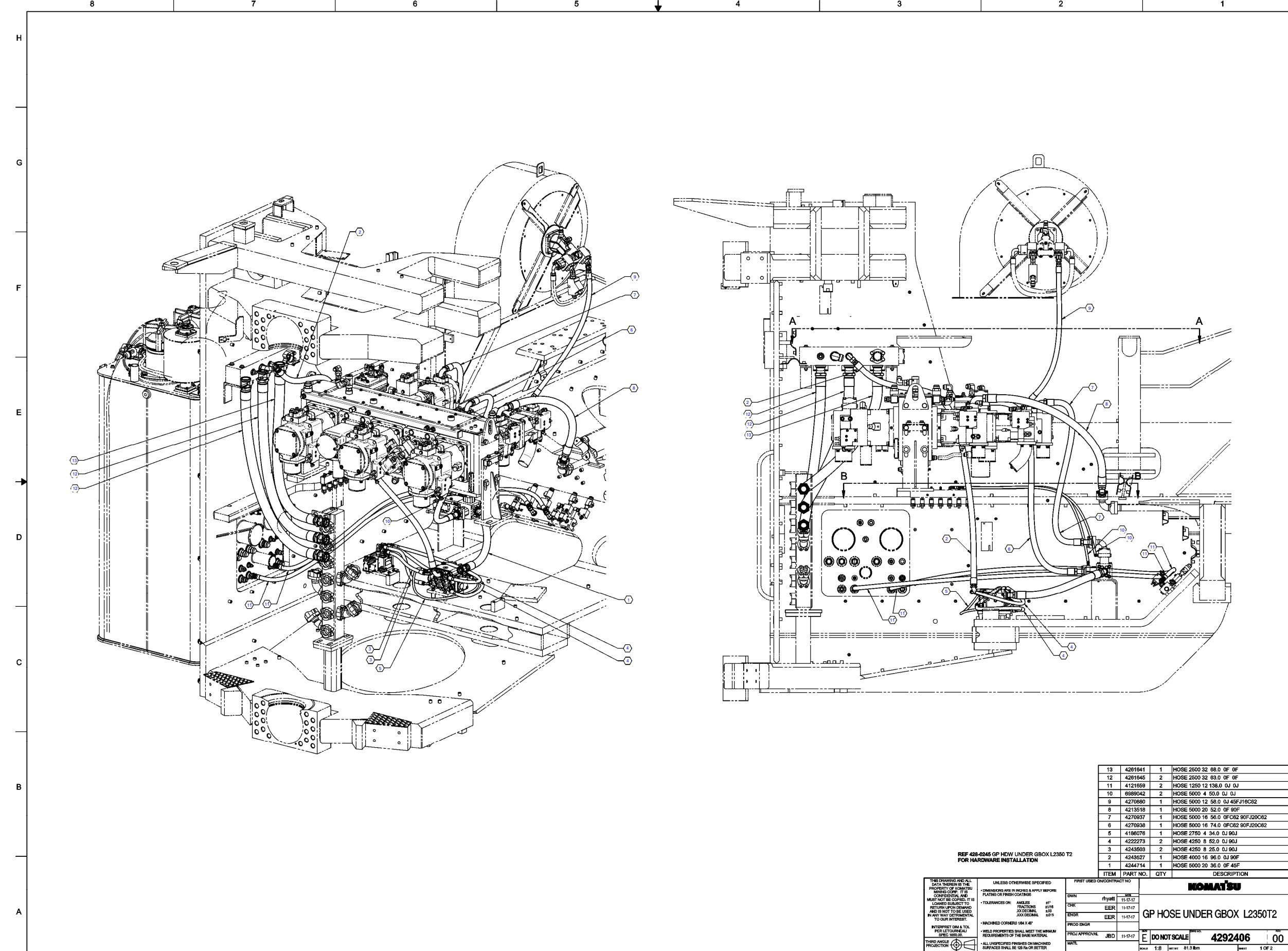
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4284204		STEERING VALVE SUB-ASSEMBLY		
1	R4270856	1	· VALVE, STEERING (PAGE 8.20-8.20A)		
2	R4103847	1	· MOUNT PLATE, STEERING VALVE		
3	R4068357	2	· O-RING, 1-1/2" I.D. - POLYURETHANE		
4	R4008733	1	· PLUG, SF - 1-1/4"		
5	R4186400	2	· FLANGE HALF, 1-1/4"		
6	R4105005	3	· O-RING, 1-1/4" I.D. - POLYURETHANE		
7	R4186491	6	· FLANGE HALF, 1"		
8	R4002455	3	· ADAPTER, #8 MO X #8 MJ		
9	R4020762	1	· TEE, #8 MJ X #8 MO X #8 MJ		
10	R4257157	1	· ADAPTER, #8 FJ X #4 MJ		
11	R4020770	1	· PLUG, #4 MO		
12	R4014580	1	· ADAPTER, #4 MO X #4 MJ		
13	R0801181	4	· LOCKWASHER, 1/2"		
14	R4009752	4	· BOLT, 1/2"-13 X 1-1/4"		
15	R4210348	8	· FLATWASHER, 7/16" - HARDENED		
16	R4213614	8	· BOLT, 7/16"-14 X 1-3/4"		
17	R4285243	3	· FLATWASHER, 7/16" I.D. X 15/16" O.D. X 1/16" - CONICAL		
18	R4103848	3	· BOLT, M10 X 1.50 X 25		
19	R4210347	12	· FLATWASHER, 3/8" - HARDENED		
20	R0829683	12	· BOLT, 3/8"-16 X 1-3/4"		
			REF DRAWING, STEERING VALVE SUB-ASSEMBLY (R428420401)		

**L-2350-2242 PARTS MANUAL
STEERING VALVE SUB-ASSY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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UNDER GEARBOX HOSE GROUP



UNDER GEARBOX HOSE GROUP

UNDER GEARBOX HOSE GROUP

The figure consists of two technical cross-sectional drawings of a mechanical assembly, labeled SECTION A-A and SECTION B-B. Both sections show a complex arrangement of mechanical parts, including gears, belts, and hoses. Callouts with blue numbers (e.g., 12, 13, 14, 15, 16) point to specific components in both sections. The sections are aligned horizontally, showing different internal configurations of the same assembly. The drawing is oriented vertically, with letters A through H on the left side and numbers 8 through 1 at the top.

SECTION A-A

SECTION B-B

GP HOSE UNDER GBOX L236972
DRAWN BY: Project Manager
REV: 00
DATE: 11-17-17
SCALE: 1:8 mm or 81.3 mm
DRAFTING NO.: 4292406
E DO NOT SCALE

Komatsu
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GP HOSE UNDER GBOX L2350T2			
DRW#	RH547	E	DO NOT SCALE
ISSUED	11-17-17	GWO NO.	
		4292406	
		00	
SCALE 1:8		WEIGHT 81.3 lbm	SHET 2 OF 2

8.87A.1|R4292406

UNDER GEARBOX HOSE GROUP

**L-2350-2242 PARTS MANUAL
UNDER GEARBOX HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4292406		UNDER GEARBOX HOSE GROUP		
1	R4244714	1	· HOSE ASSEMBLY, #20 X 36"		
2	R4243527	1	· HOSE ASSEMBLY, #16 X 96"		
3	R4243503	2	· HOSE ASSEMBLY, #8 X 25"		
4	R4222273	2	· HOSE ASSEMBLY, #8 X 52"		
5	R4186076	1	· HOSE ASSEMBLY, #4 X 34"		
6	R4270938	1	· HOSE ASSEMBLY, #16 X 74"		
7	R4270937	1	· HOSE ASSEMBLY, #16 X 56"		
8	R4213518	1	· HOSE ASSEMBLY, #20 X 52"		
9	R4270880	1	· HOSE ASSEMBLY, #12 X 58"		
10	R6989042	2	· HOSE ASSEMBLY, #4 X 50"		
11	R4121659	2	· HOSE ASSEMBLY, #12 X 138"		
12	R4261645	2	· HOSE ASSEMBLY, #32 X 63"		
13	R4261641	1	· HOSE ASSEMBLY, #32 X 68"		
			DRAWING, UNDER GEARBOX HOSE GROUP (R429240600)		

**L-2350-2242 PARTS MANUAL
UNDER GEARBOX HOSE GROUP**

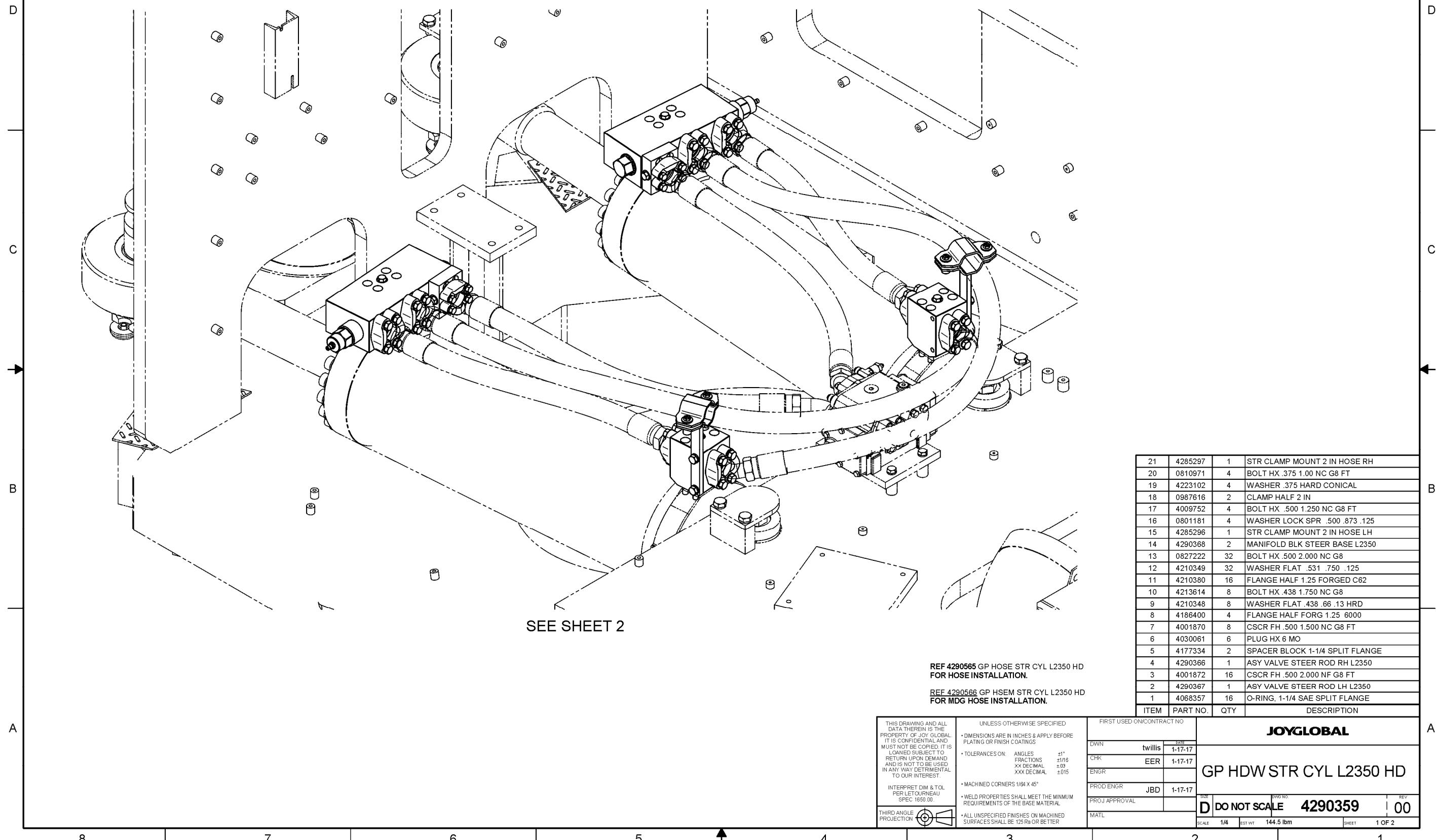
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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STEER CYLINDER HARDWARE GROUP

8 7 6 5 4 3 2 1

REV		DESCRIPTION		ECN	DATE	CHG	CHK	APP
00	RELEASE			1337650	1-17-17	TEW	EER	JBD



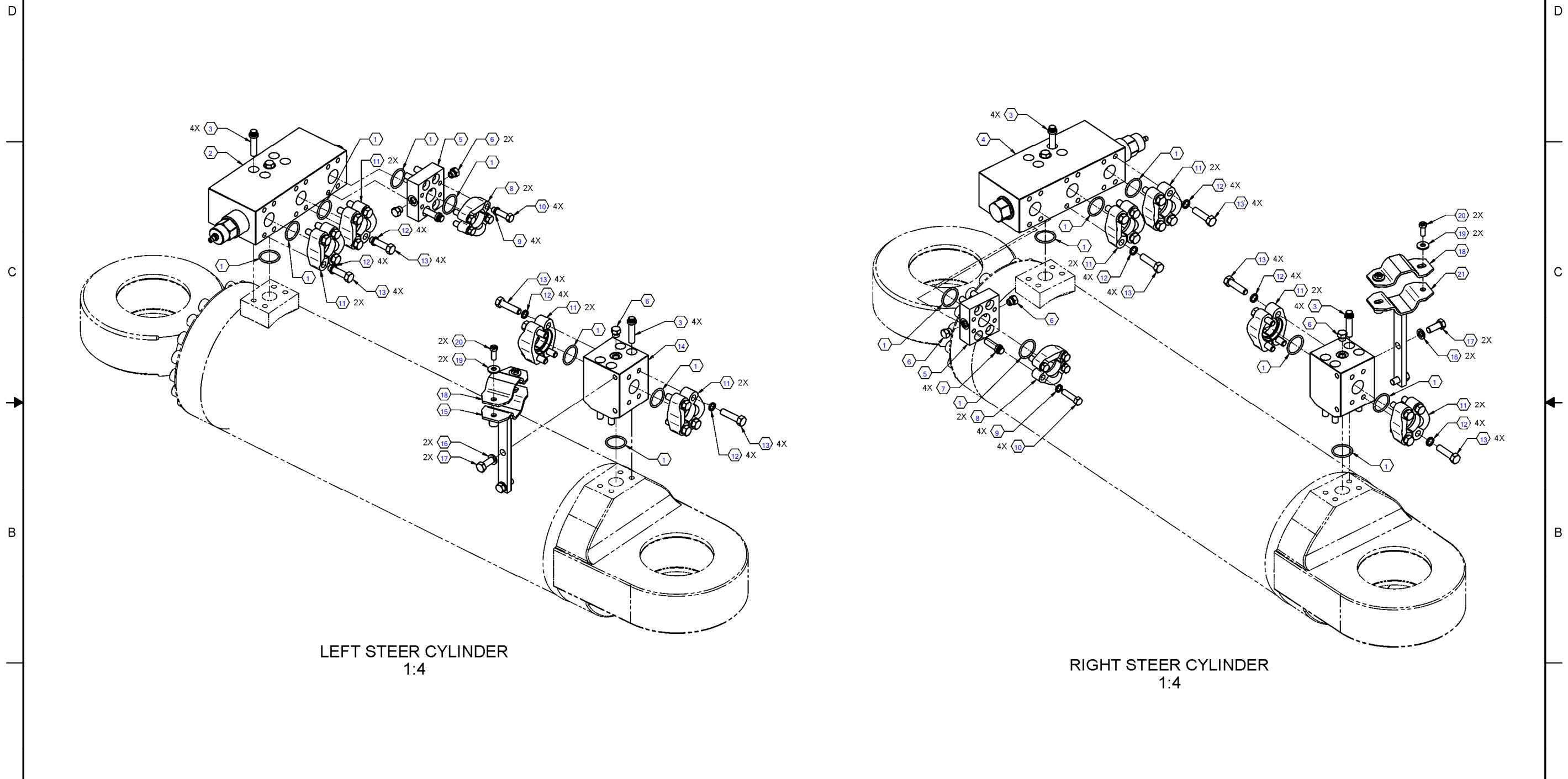
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STEER CYLINDER HARDWARE GROUP

STEER CYLINDER HARDWARE GROUP

8 7 6 5 4 3 2 1

REV		DESCRIPTION	ECN	DATE	CHG	CHK	APP
00	RELEASE		1337650	1-17-17	TEW	EER	JBD



GP HDW STR CYL L2350 HD		SIZE	REV
DRAWN	twillis	D	DO NOT SCALE
ISSUED	1-17-17	4290359	00

8 7 6 5 4 3 2 1

STEER CYLINDER HARDWARE GROUP

L-2350-2242 PARTS MANUAL
STEER CYLINDER HARDWARE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4290359		STEER CYLINDER HARDWARE GROUP		
1	R4068357	16	· O-RING, 1-1/2" I.D. - POLYURETHANE		
2	R4290367	1	· VALVE ASSEMBLY, STEER ROD - L.H.		
	R4290365	1	· · MANIFOLD BLOCK, STEER VALVE		
	R4276926	1	· · VALVE, RELIEF - CARTRIDGE - 200 GPM		
	R4285292	1	· · PLUG		
	R4030061	1	· · PLUG, #6 MO		
3	R4001872	16	· CAPSCREW, 1/2"-13 X 2"		
4	R4290366	1	· VALVE ASSEMBLY, STEER ROD - R.H.		
	R4290365	1	· · MANIFOLD BLOCK, STEER VALVE		
	R4276926	1	· · VALVE, RELIEF - CARTRIDGE - 200 GPM		
	R4285292	1	· · PLUG		
	R4030061	1	· · PLUG, #6 MO		
5	R4177334	2	· SPACER BLOCK, SPLIT FLANGE		
6	R4030061	6	· PLUG, #6 MO		
7	R4001870	8	· CAPSCREW, 1/2"-13 X 1-1/2"		
8	R4186400	4	· FLANGE HALF, 1-1/4"		
9	R4210348	8	· FLATWASHER, 7/16" - HARDENED		
10	R4213614	8	· BOLT, 7/16"-14 X 1-3/4"		
11	R4210380	16	· FLANGE HALF, 1-1/4"		
12	R4210349	32	· FLATWASHER, 1/2" - HARDENED		
13	R0827222	32	· BOLT, 1/2"-13 X 2"		
14	R4290368	2	· MANIFOLD BLOCK, STEER BASE		
15	R4285396	1	· CLAMP STRUCTURE, 2" - L.H.		
16	R0801181	4	· LOCKWASHER, 1/2"		
17	R4009752	4	· BOLT, 1/2"-13 X 1-1/4"		
18	R0987616	2	· CLAMP HALF, 2"		
19	R4223102	4	· FLATWASHER, 3/8" I.D. X 1" O.D. X 1/16" - CONICAL		
20	R0810971	4	· BOLT, 3/8"-16 X 1"		
21	R4285297	1	· CLAMP STRUCTURE, 2" - R.H.		
			DRAWING, STEER CYLINDER HARDWARE GROUP (R429035900)		

**L-2350-2242 PARTS MANUAL
STEER CYLINDER HARDWARE GROUP**

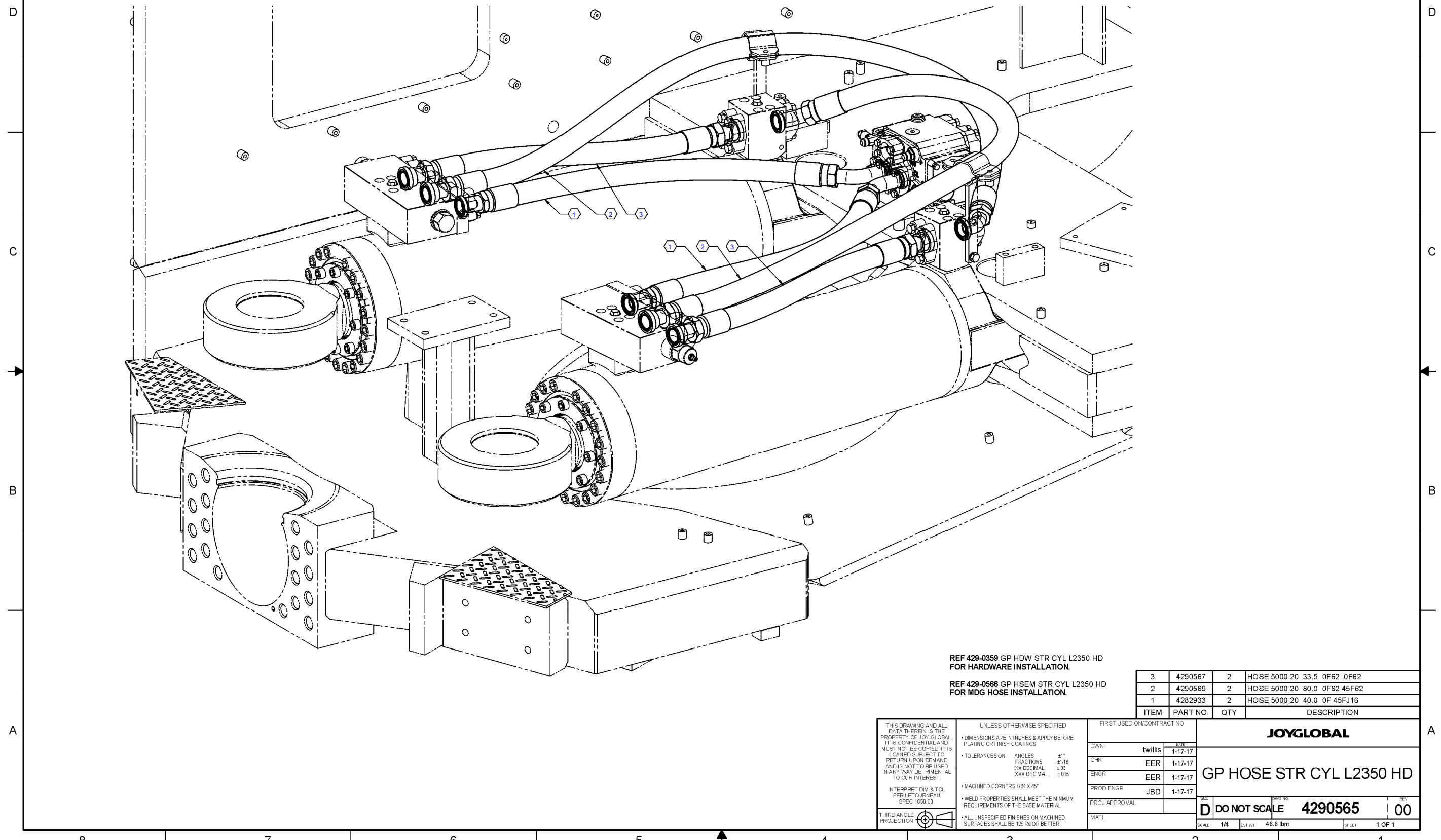
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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STEER CYLINDER HOSE GROUP

8 7 6 5 4 3 2 1

REV		DESCRIPTION		ECN	DATE	CHG	CHK	APP
00	RELEASE			1337650	1-17-17	TEW	EER	JBD



8 7 6 5 4 3 2 1

STEER CYLINDER HOSE GROUP

**L-2350-2242 PARTS MANUAL
STEER CYLINDER HOSE GROUP**

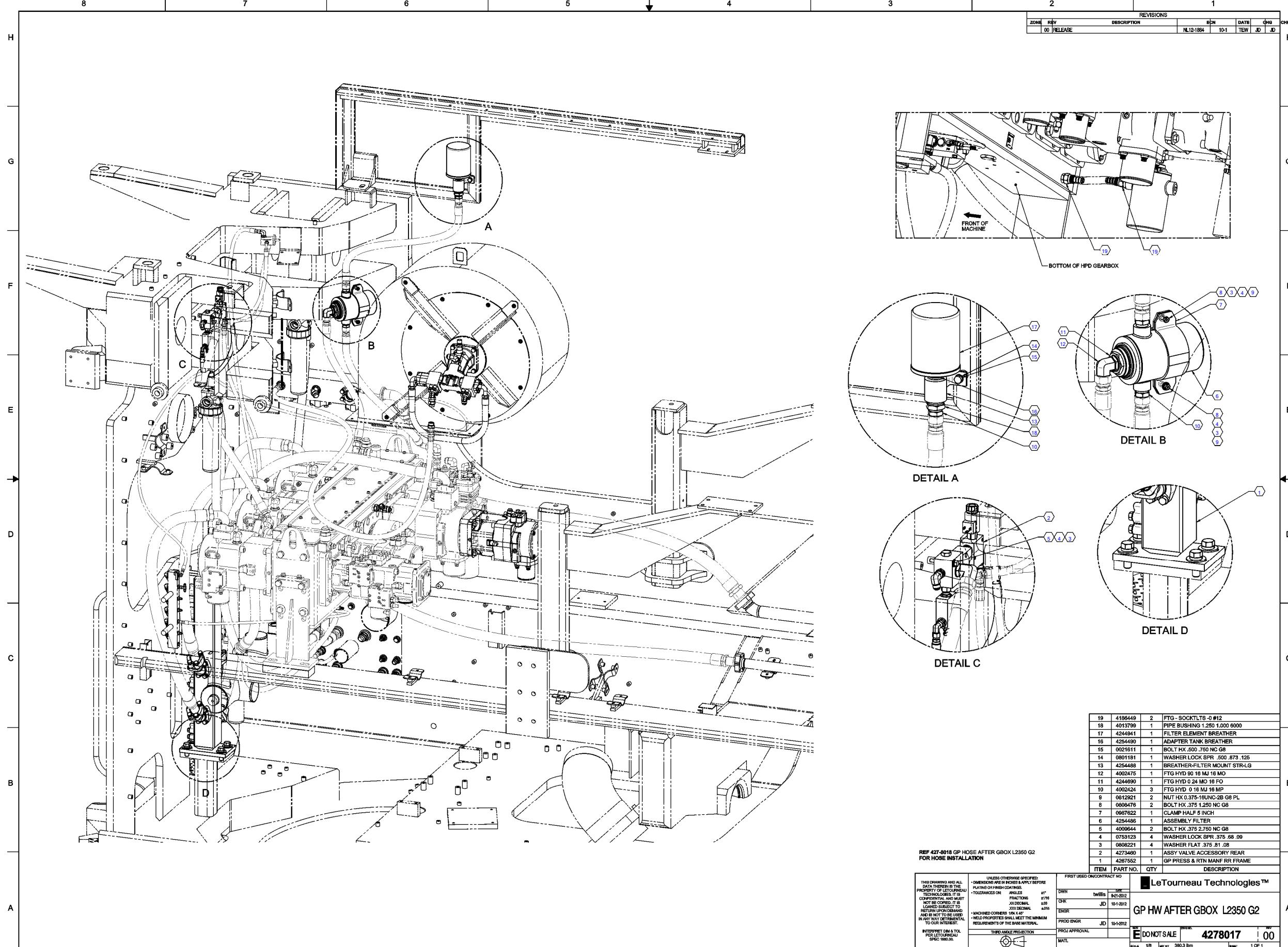
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4290565		STEER CYLINDER HOSE GROUP		
1	R4282933	2	· HOSE ASSEMBLY, #20 X 40"		
2	R4290569	2	· HOSE ASSEMBLY, #20 X 80"		
3	R4290567	2	· HOSE ASSEMBLY, #20 X 33-1/2"		
			DRAWING, STEER CYLINDER HOSE GROUP (R429056500)		

**L-2350-2242 PARTS MANUAL
STEER CYLINDER HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AFTER GEARBOX HARDWARE GROUP



AFTER GEARBOX HARDWARE GROUP

**L-2350-2242 PARTS MANUAL
AFTER GEARBOX HARDWARE GROUP**

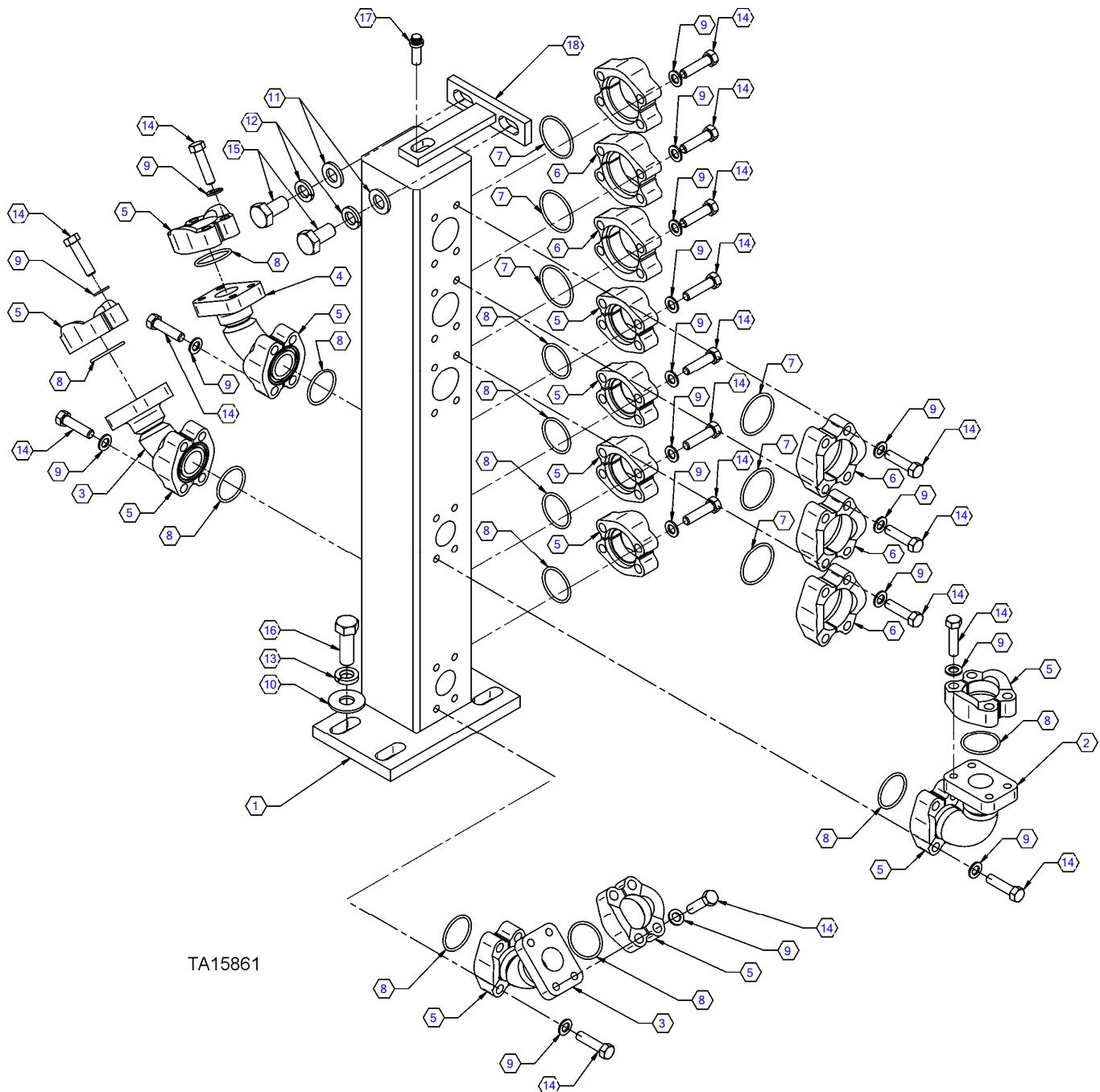
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4278017		AFTER GEARBOX HARDWARE GROUP		
1	R4267552	1	· REAR FRAME PRESSURE AND RETURN MANIFOLD GROUP (PAGE 8.93-8.93A)		
2	R4273460	1	· REAR ACCESSORY VALVE ASSEMBLY (PAGE 8.9-8.9A)		
3	R0808221	4	· FLATWASHER, 3/8"		
4	R0753123	4	· LOCKWASHER, 3/8"		
5	R4009644	2	· BOLT, 3/8"-16 X 2-3/4"		
6	R4254486	1	· FILTER ASSEMBLY, SUCTION (PAGE 8.72-8.72A)		
7	R0987622	1	· CLAMP HALF, 5"		
8	R0808476	2	· BOLT, 3/8"-16 X 1-1/4"		
9	R0812921	2	· NUT, 3/8"-16		
10	R4002424	3	· ADAPTER, 1" MP X #16 MJ		
11	R4244690	1	· BUSHING, #16 FO X #24 MO		
12	R4002475	1	· ELBOW, #16 MO X 90 deg. X #16 MJ		
13	R4254488	1	· MOUNT STRUCTURE, BREATHER		
14	R0801181	1	· LOCKWASHER, 1/2"		
15	R0021611	1	· BOLT, 1/2"-13 X 3/4"		
16	R4254490	1	· ADAPTER, BREATHER		
17	R4244941	1	· ELEMENT, FILTER		
18	R4013799	1	· REDUCER, 1" FP X 1-1/4" MP		
19	R4186449	2	· ADAPTER, #12 FJ X #12 HOSE		
			DRAWING, AFTER GEARBOX HARDWARE GROUPR (427801700)		

**L-2350-2242 PARTS MANUAL
AFTER GEARBOX HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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REAR FRAME PRESSURE AND RETURN MANIFOLD GROUP



REAR FRAME PRESSURE AND RETURN MANIFOLD GROUP

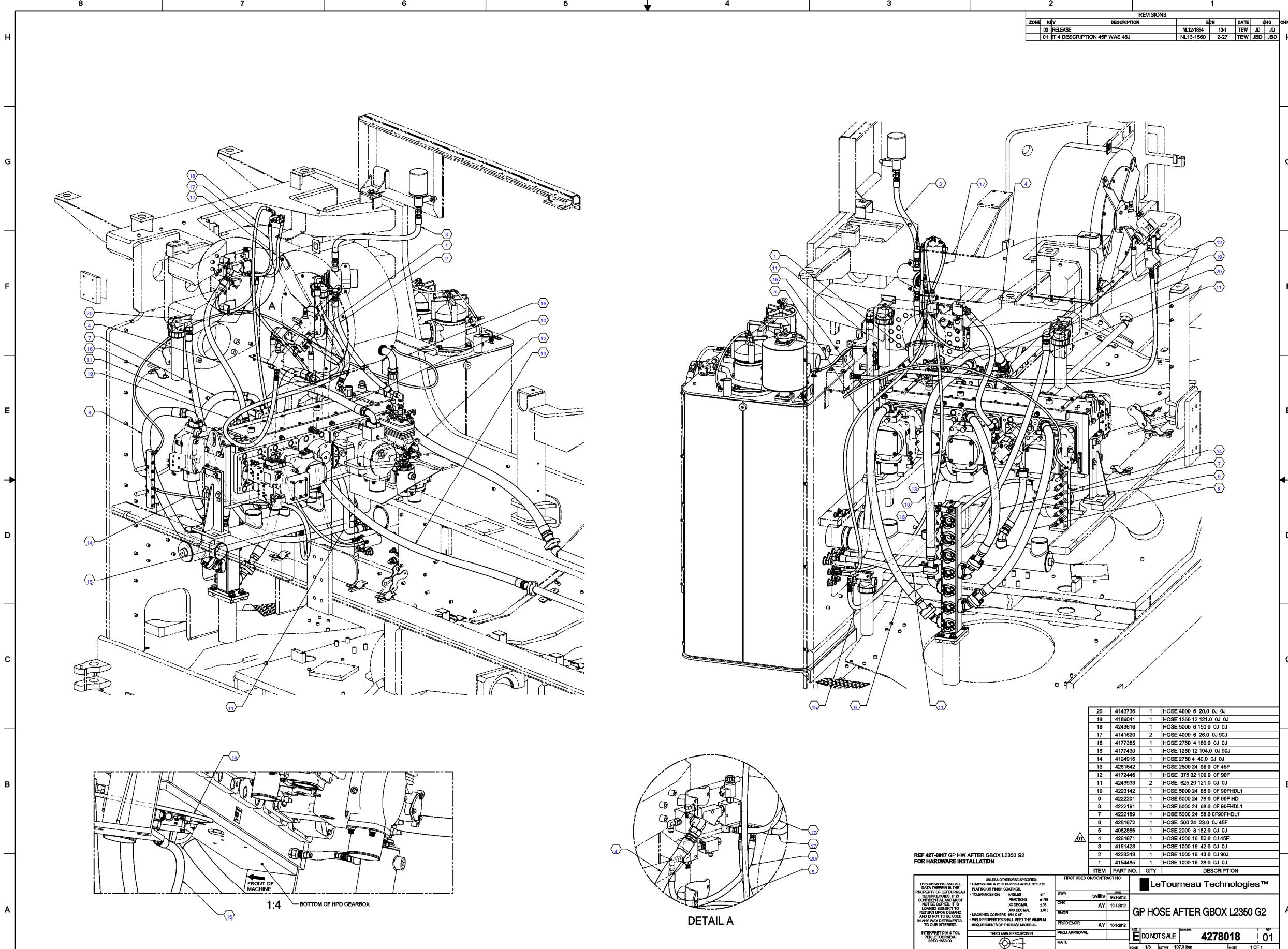
L-2350-2242 PARTS MANUAL
REAR FRAME PRESSURE AND RETURN MANIFOLD GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4267552		REAR FRAME PRESSURE AND RETURN MANIFOLD GROUP		
1	R4241060	1	· MANIFOLD BLOCK STRUCTURE - REAR		
2	R4255263	1	· ELBOW STRUCTURE, 1-1/2" SF X 90 deg.		
3	R4255264	2	· ELBOW STRUCTURE, 1-1/2" SF X 45 deg.		
4	R4255270	1	· ELBOW STRUCTURE, 1-1/2" SF X 60 deg.		
5	R4186401	24	· FLANGE HALF, 1-1/2"		
6	R4186402	12	· FLANGE HALF, 2"		
7	R4071255	6	· O-RING, 2-1/4" I.D. - POLYURETHANE		
8	R4068358	12	· O-RING, 1-7/8" I.D. - POLYURETHANE		
9	R4210349	72	· FLATWASHER, 1/2" - HARDENED		
10	R0735509	4	· FLATWASHER, 3/4" I.D. X 2" X 1/8"		
11	R4016046	2	· FLATWASHER, 3/4" X 1-1/2" X 1/8"		
12	R0021542	2	· LOCKWASHER, 3/4" X 1-1/4" X 3/16"		
13	R0131167	4	· LOCKWASHER, 3/4" - HEAVY		
14	R0827222	72	· BOLT, 1/2"-13 X 2"		
15	R4009523	2	· BOLT, 3/4"-10 X 1-1/2"		
16	R4009525	4	· BOLT, 3/4"-10 X 2-1/4"		
17	R4116072	1	· CAPSCREW, 1/2"-13 X 1-1/4"		
18	R4177408	1	· BRACE, MANIFOLD BLOCK		
			DRAWING, REAR FRAME PRESSURE AND RETURN MANIFOLD GROUP (R426755200)		

**L-2350-2242 PARTS MANUAL
REAR FRAME PRESSURE AND RETURN MANIFOLD GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AFTER GEARBOX HOSE GROUP



AFTER GEARBOX HOSE GROUP

**L-2350-2242 PARTS MANUAL
AFTER GEARBOX HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4278018		AFTER GEARBOX HOSE GROUP		
1	R4154485	1	· HOSE ASSEMBLY, #16 X 38"		
2	R4223243	1	· HOSE ASSEMBLY, #16 X 43"		
3	R4151428	1	· HOSE ASSEMBLY, #16 X 42"		
4	R4261671	1	· HOSE ASSEMBLY, #16 X 52"		
5	R4082856	1	· HOSE ASSEMBLY, #8 X 182"		
6	R4261672	1	· HOSE ASSEMBLY, #24 X 23"		
7	R4222189	1	· HOSE ASSEMBLY, #24 X 58"		
8	R4222191	1	· HOSE ASSEMBLY, #24 X 68"		
9	R4222201	1	· HOSE ASSEMBLY, #24 X 76"		
10	R4223142	1	· HOSE ASSEMBLY, #24 X 88"		
11	R4243933	2	· HOSE ASSEMBLY, #20 X 121"		
12	R4172446	1	· HOSE ASSEMBLY, #32 X 100"		
13	R4261642	1	· HOSE ASSEMBLY, #24 X 96"		
14	R4124916	1	· HOSE ASSEMBLY, #4 X 40"		
15	R4177430	1	· HOSE ASSEMBLY, #12 X 104"		
16	R4177385	1	· HOSE ASSEMBLY, #4 X 180"		
17	R4141620	2	· HOSE ASSEMBLY, #6 X 26"		
18	R4243616	1	· HOSE ASSEMBLY, #6 X 150"		
19	R4186041	1	· HOSE ASSEMBLY, #12 X 121"		
20	R4143736	1	· HOSE ASSEMBLY, #6 X 20"		
			DRAWING, AFTER GEARBOX HOSE GROUP (R427801801)		

**L-2350-2242 PARTS MANUAL
AFTER GEARBOX HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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MOTOR DRIVER SUB-ASSEMBLY HOSE GROUP

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

REV		DESCRIPTION	ECN	DATE	CHG	CHK	APP
00	RELEASED		NL12-2408	9-18-12	RRM	AY	AY

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D

C

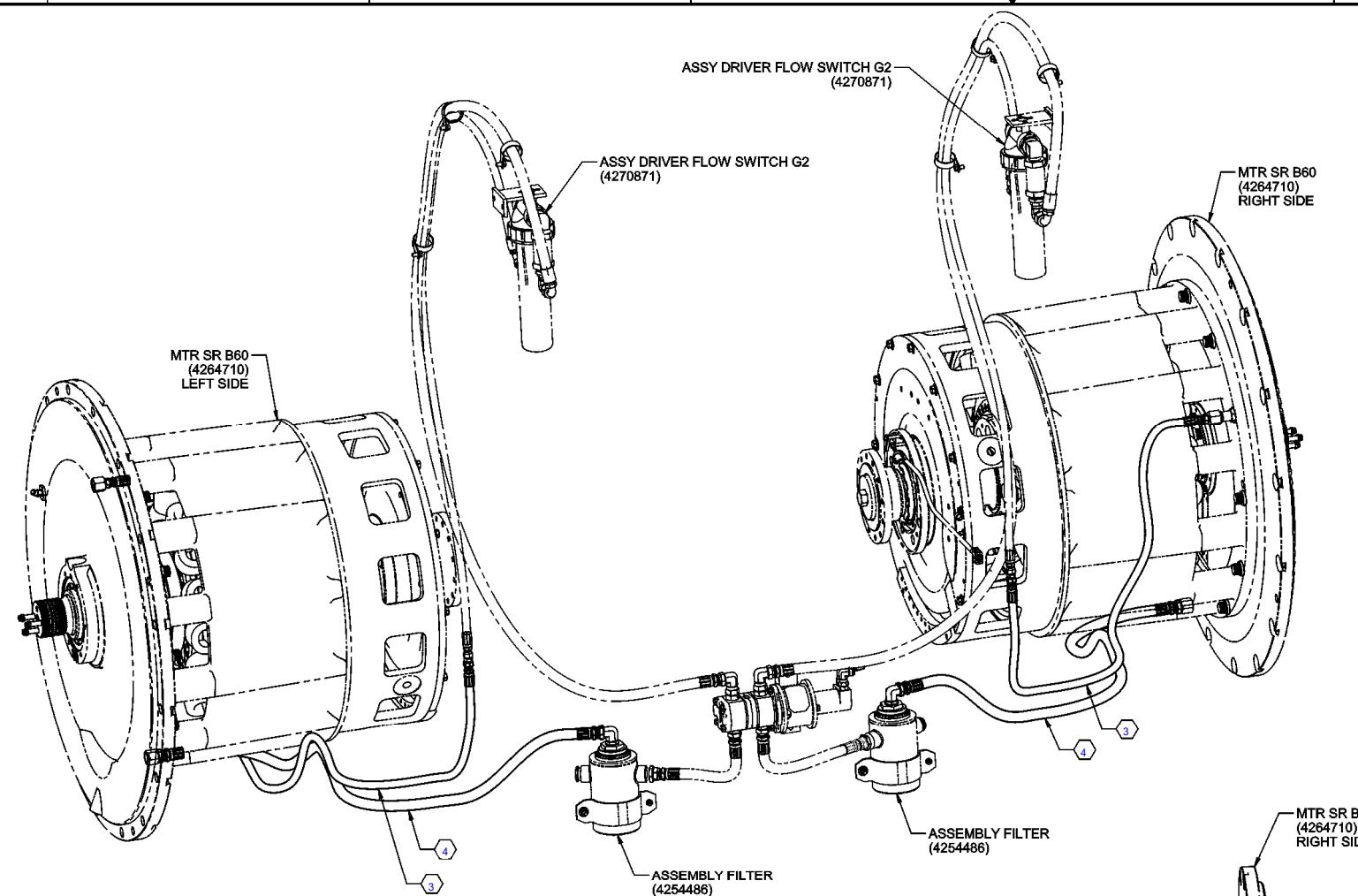
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B

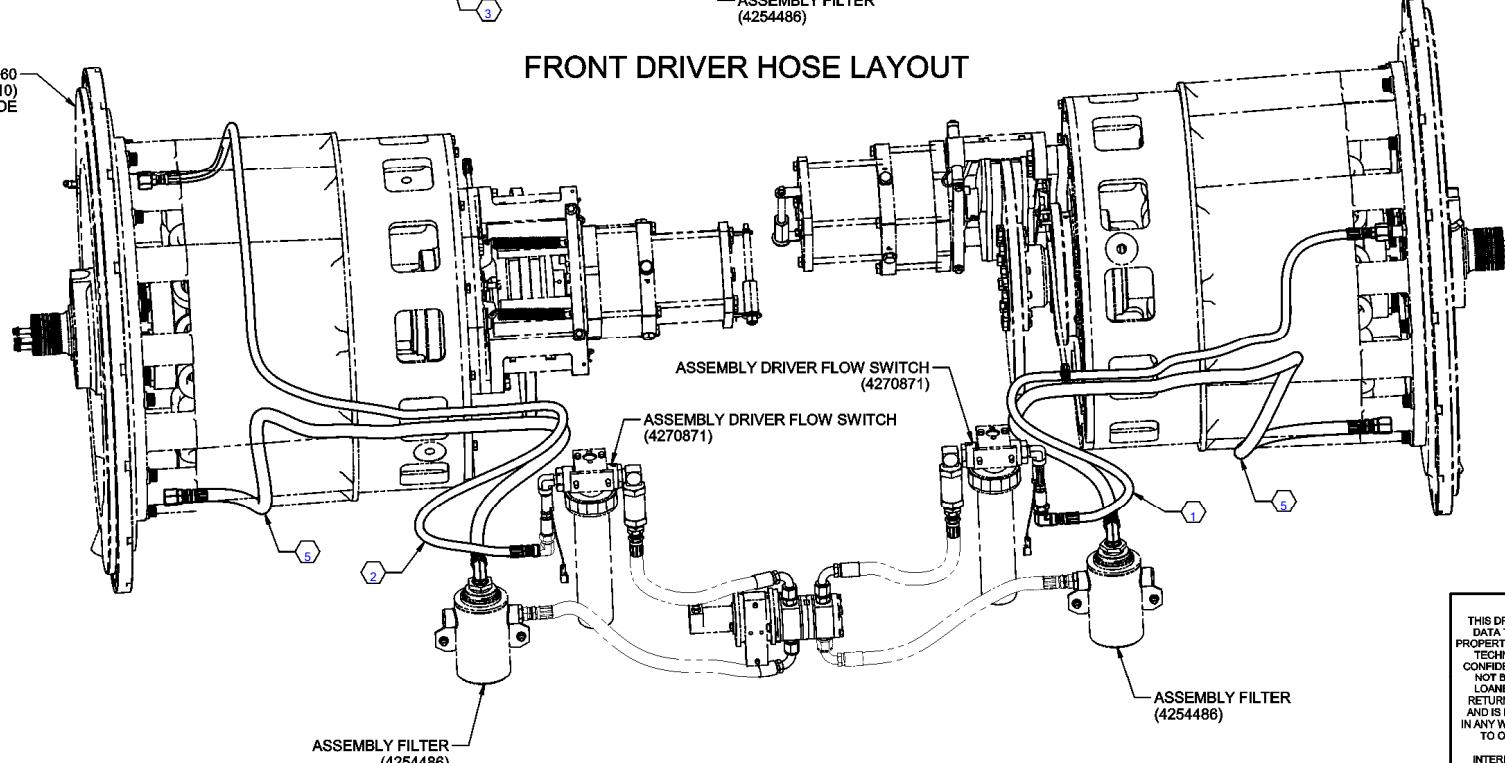
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FRONT DRIVER HOSE LAYOUT



REAR DRIVER HOSE LAYOUT

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UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES & APPLY BEFORE PLATING OR FINISH COATINGS.
TOLERANCES ON: ANGLES $\pm 1^\circ$, FRACTIONS $\pm 1/16$, DECIMAL $\pm .03$, XXX DECIMAL $\pm .015$.
MACHINED CORNERS $1/8$ X 45° . WELD PROPERTIES SHALL MEET THE MINIMUM REQUIREMENTS OF THE BASE MATERIAL.

FIRST USED ON/CONTRACT NO
DWN Jmiller DATE 9-18-12
CHK A YAO 9-18-12
ENGR
PROD ENGR A YAO 9-18-12
THIRD ANGLE PROJECTION
PROJ APPROVAL
MATL

5	4177394	2	HOSE 1250 12 103.0 OJ OJ
4	4143970	2	HOSE 1250 12 86.0 OJ OJ
3	4031016	2	HOSE 2000 8 120.0 OJ OJ
2	4222295	1	HOSE 2000 8 140.0 OJ OJ
1	4098409	1	HOSE 2000 8 102.0 OJ OJ
ITEM	PART NO.	QTY	DESCRIPTION

LeTourneau Technologies™
GP HOSE MTR DVR SUBASY L2350G2
D DO NOT SCALE DWN NO. 4278418 REV 00
SCALE 1/8 BWT WT IBM SHEET 1 OF 1

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MOTOR DRIVER SUB-ASSEMBLY HOSE GROUP

L-2350-2242 PARTS MANUAL
MOTOR DRIVER SUB-ASSEMBLY HOSE GROUP

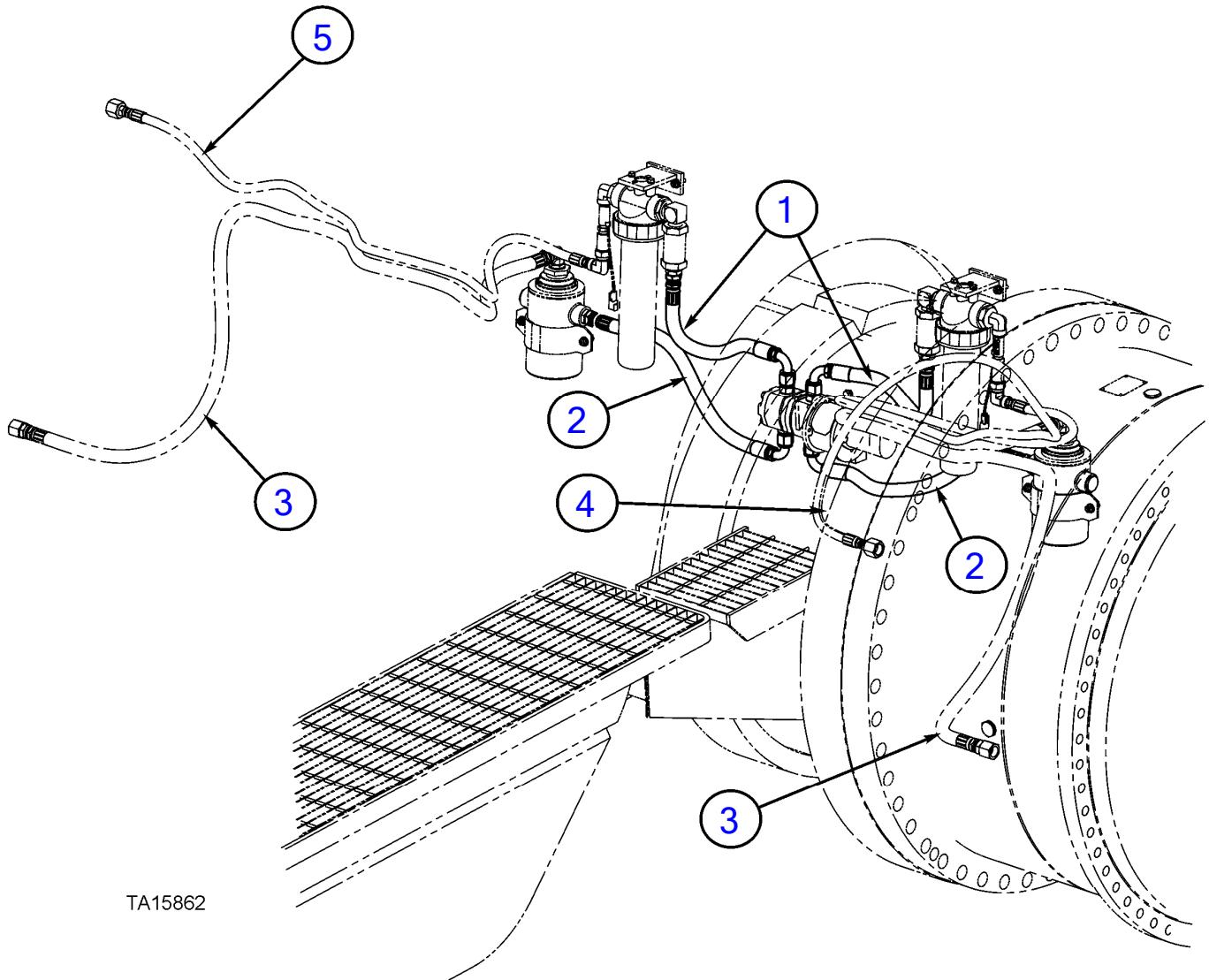
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4278418		MOTOR DRIVER SUB-ASSEMBLY HOSE GROUP		
1	R4098409	1	· HOSE ASSEMBLY, #8 X 102"		
2	R4222295	1	· HOSE ASSEMBLY, #8 X 140"		
3	R4031016	2	· HOSE ASSEMBLY, #8 X 120"		
4	R4143970	2	· HOSE ASSEMBLY, #12 X 86"		
5	R4177394	2	· HOSE ASSEMBLY, #12 X 103"		
			DRAWING, MOTOR DRIVER SUB-ASSEMBLY HOSE GROUP (R427841800)		

**L-2350-2242 PARTS MANUAL
MOTOR DRIVER SUB-ASSEMBLY HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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REAR DRIVER HOSE GROUP



REAR DRIVER HOSE GROUP

**L-2350-2242 PARTS MANUAL
REAR DRIVER HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4241573		REAR DRIVER HOSE GROUP		6/12/17
1	R4222057	2	· HOSE ASSEMBLY, #12 X 20"		2/24/16
2	R4172292	2	· HOSE ASSEMBLY, #12 X 28"		2/24/16
3	R4177394	REF	· HOSE ASSEMBLY, #12 X 103"		6/12/17
4	R4098409	REF	· HOSE ASSEMBLY, #8 X 102"		2/24/16
5	R4222295	REF	· HOSE ASSEMBLY, #8 X 140"		2/24/16
			DRAWING, REAR DRIVER HOSE GROUP (R424157301)		

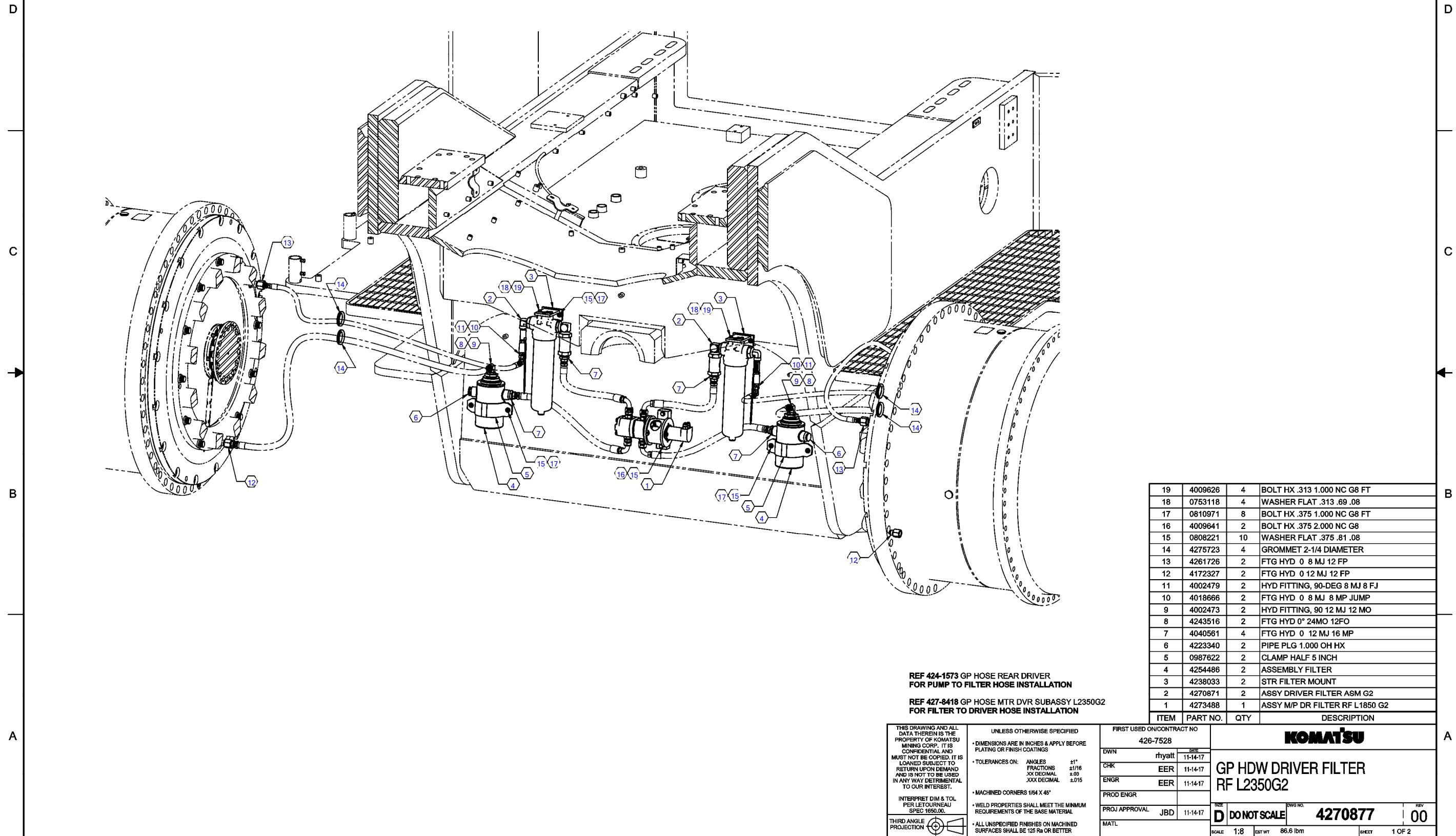
**L-2350-2242 PARTS MANUAL
REAR DRIVER HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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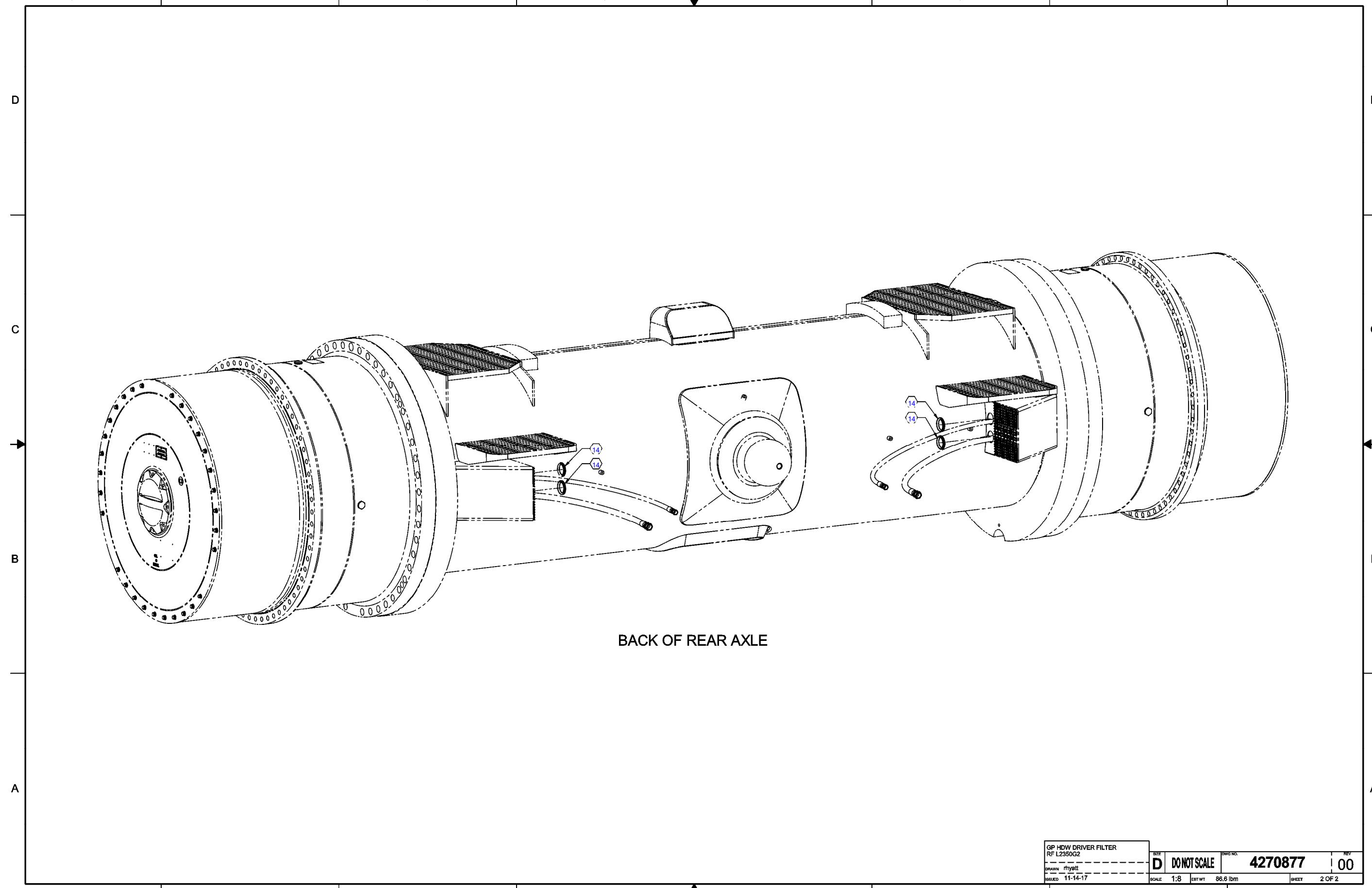
REAR FRAME DRIVER FILTRATION HARDWARE GROUP

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REAR FRAME DRIVER FILTRATION HARDWARE GROUP

REAR FRAME DRIVER FILTRATION HARDWARE GROUP



GP HDW DRIVER FILTER RF L2350G2	SIZE D	DONOTSCALE	DWG NO. 4270877	REV 00
DRAWN ryatt	ISSUED 11-14-17	SCALE 1:8	EST WT 86.6 lbm	SHEET 2 OF 2

REAR FRAME DRIVER FILTRATION HARDWARE GROUP

L-2350-2242 PARTS MANUAL
REAR FRAME DRIVER FILTRATION HARDWARE GROUP

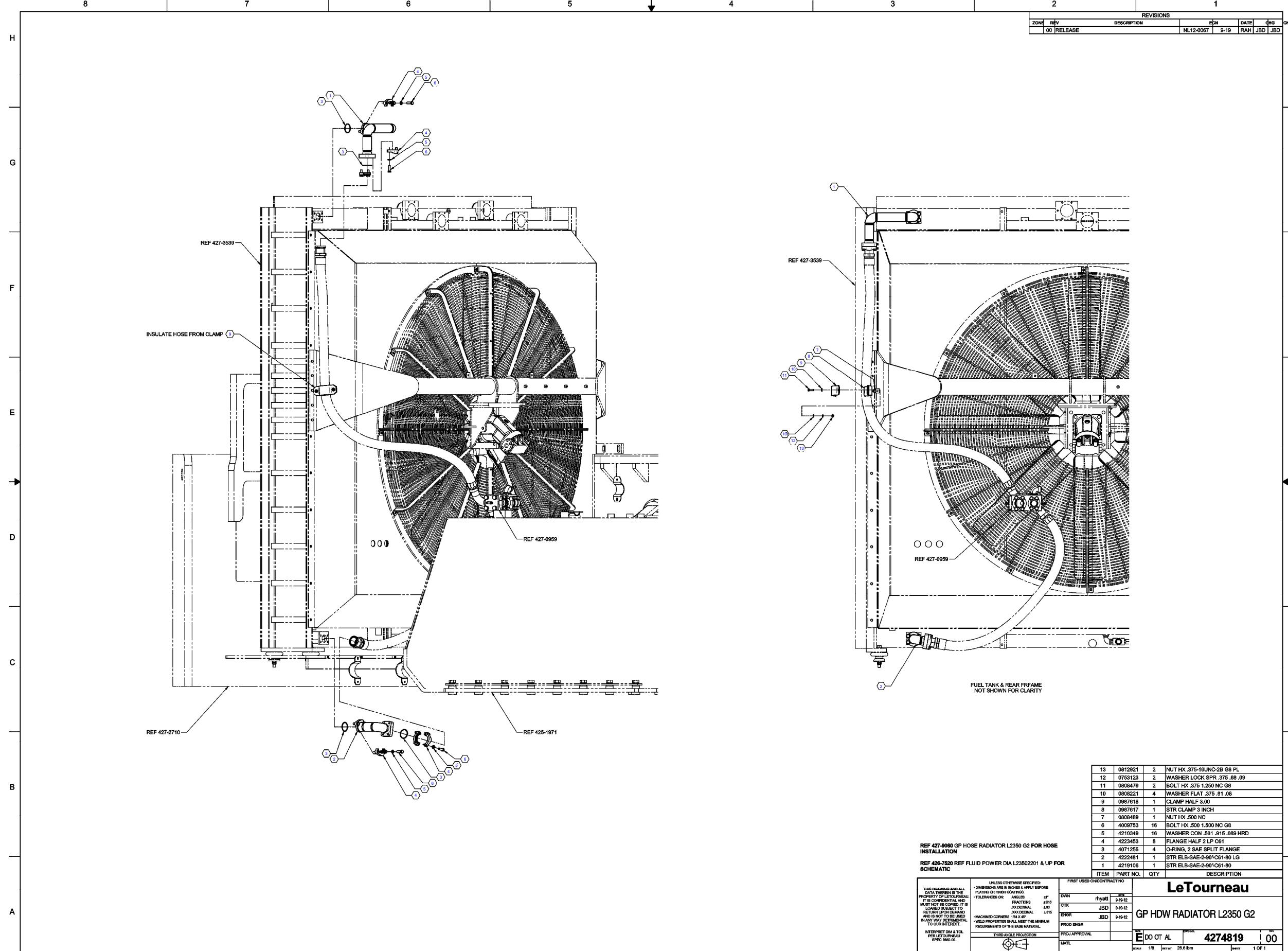
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270877		REAR FRAME DRIVER FILTRATION HARDWARE GROUP		3/14/18
1	R4273488	1	· DRIVER FILTRATION MOTOR/PUMP ASSEMBLY - FRONT FRAME (PAGE 8.48-8.48B)		
2	R4270871	2	· DRIVER FLOW SWITCH ASSEMBLY (PAGE 8.73-8.73A)		
3	R4238033	2	· MOUNT STRUCTURE, FILTER		
4	R4254486	2	· SUCTION FILTER ASSEMBLY (PAGE 8.72-8.72A)		
5	R0987622	2	· CLAMP HALF, 5"		
6	R4223340	2	· PLUG, PIPE - 1", HEX HD.		
7	R4040561	4	· ADAPTER, 1" MP X #12 MJ		
8	R4243516	2	· REDUCER, #12 FO X #24 MO		
9	R4002473	2	· ELBOW, #12 MO X 90 deg. X #12 MJ - ADJ.		
10	R4018666	2	· ADAPTER, 1/2" MP X #8 MJ		
11	R4002479	2	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		
12	R4172327	2	· ADAPTER, 3/4" FP X #12 MJ		
13	R4261726	2	· ADAPTER, 3/4" FP X #8 MJ		
14	R4275723	4	· GROMMET, 2" I.D.		
15	R0808221	10	· FLATWASHER, 3/8"		
16	R4009641	2	· BOLT, 3/8"-16 X 2"		
17	R0810971	8	· BOLT, 3/8"-16 X 1"		
18	R0753118	4	· FLATWASHER, 5/16"		
19	R4009626	4	· BOLT, 5/16"-18 X 1"		
			DRAWING, REAR FRAME DRIVER FILTRATION HARDWARE GROUP (R427087700)		3/14/18

**L-2350-2242 PARTS MANUAL
REAR FRAME DRIVER FILTRATION HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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RADIATOR HARDWARE GROUP



RADIATOR HARDWARE GROUP

**L-2350-2242 PARTS MANUAL
RADIATOR HARDWARE GROUP**

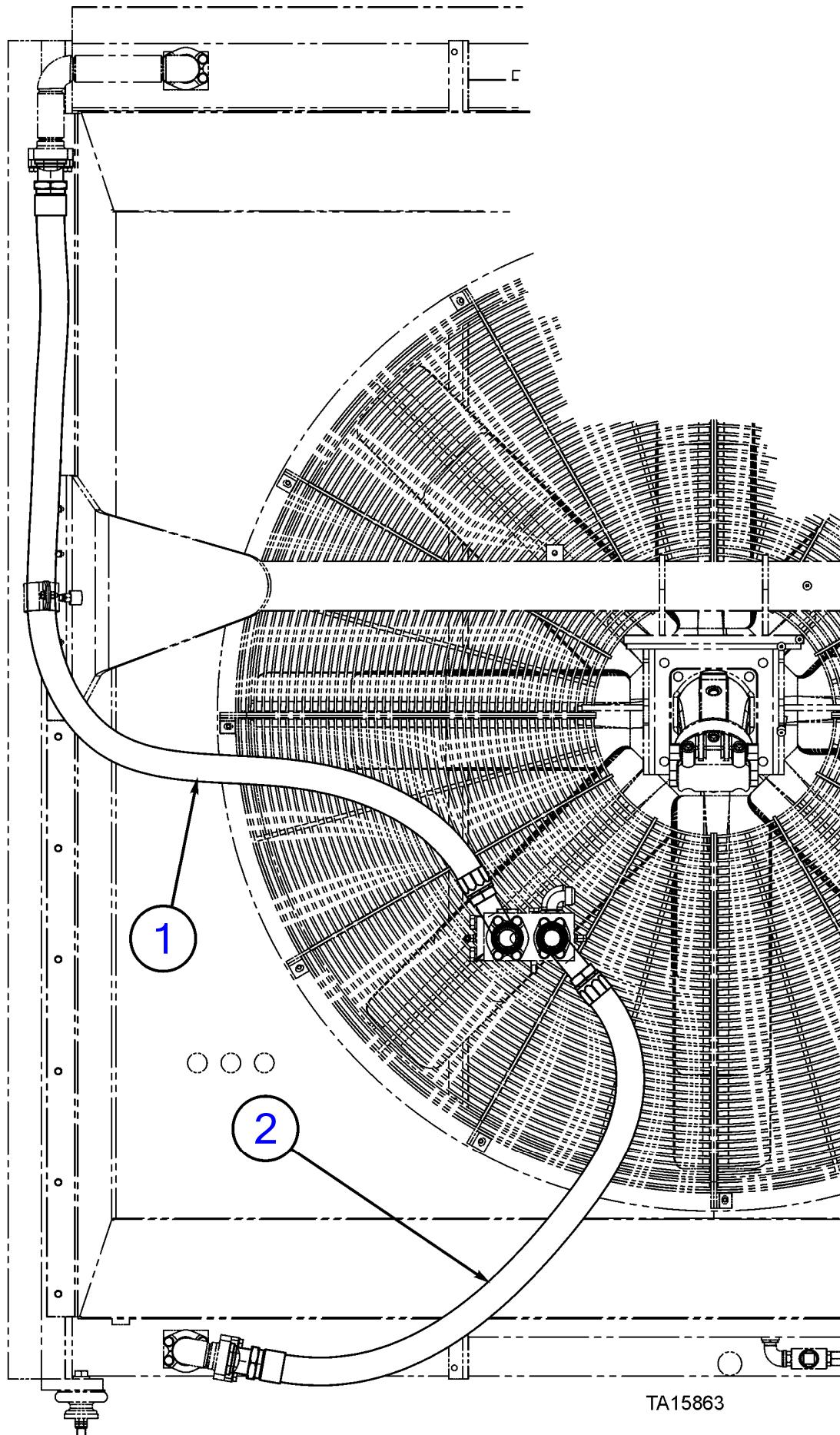
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274819		RADIATOR HARDWARE GROUP		
1	R4219106	1	• TUBE STRUCTURE		
2	R4222481	1	• ELBOW STRUCTURE, 2" X 90 deg. - SF		
3	R4071255	4	• O-RING, 2-1/4" I.D. - POLYURETHANE		
4	R4223453	8	• FLANGE HALF, 2"		
5	R4210349	16	• FLATWASHER, 1/2" - HARDENED		
6	R4009753	16	• BOLT, 1/2"-13 X 1-1/2"		
7	R0808489	1	• NUT, 1/2"-13		
8	R0987617	1	• CLAMP HALF STRUCTURE, 3" O.D.		
9	R0987618	1	• CLAMP HALF, 3" O.D.		
10	R0808221	4	• FLATWASHER, 3/8"		
11	R0808476	2	• BOLT, 3/8"-16 X 1-1/4"		
12	R0753123	2	• LOCKWASHER, 3/8"		
13	R0812921	2	• NUT, 3/8"-16		
			DRAWING, RADIATOR HARDWARE GROUP (R427481900)		

**L-2350-2242 PARTS MANUAL
RADIATOR HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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RADIATOR HOSE GROUP



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RADIATOR HOSE GROUP

**L-2350-2242 PARTS MANUAL
RADIATOR HOSE GROUP**

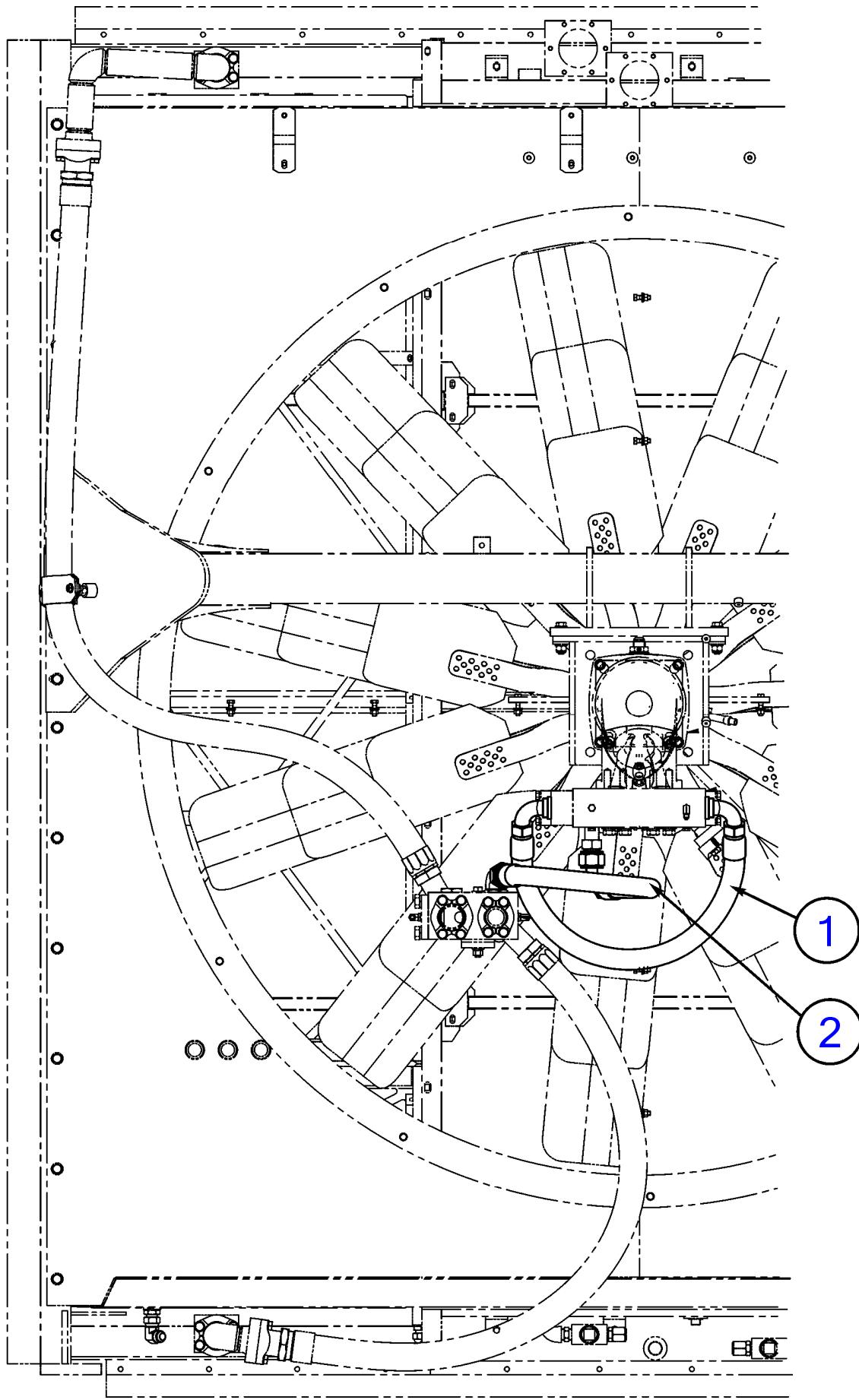
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4279080		RADIATOR HOSE GROUP		
1	R4172446	1	· HOSE ASSEMBLY, #32 X 100"		
2	R4270917	1	· HOSE ASSEMBLY, #32 X 66"		
			DRAWING, RADIATOR HOSE GROUP (R427908000)		

**L-2350-2242 PARTS MANUAL
RADIATOR HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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RADIATOR SUB-ASSEMBLY HOSE GROUP



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RADIATOR SUB-ASSEMBLY HOSE GROUP

L-2350-2242 PARTS MANUAL
RADIATOR SUB-ASSEMBLY HOSE GROUP

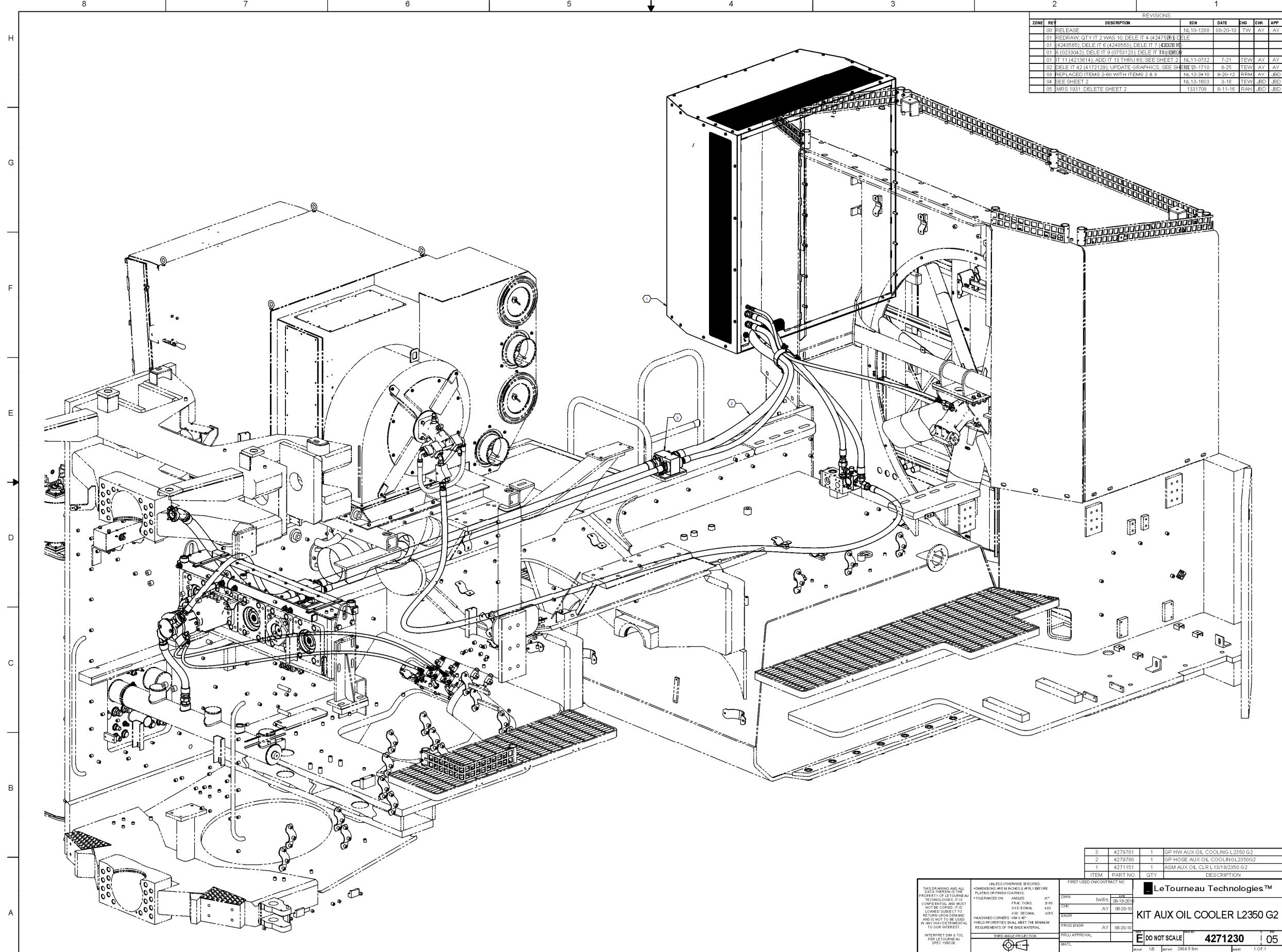
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4271032		RADIATOR SUB-ASSEMBLY HOSE GROUP		
1	R4222042	1	· HOSE ASSEMBLY, #20 X 44"		
2	R4223489	1	· HOSE ASSEMBLY, #20 X 36"		
			DRAWING, RADIATOR SUB-ASSEMBLY HOSE GROUP (R427103200)		

**L-2350-2242 PARTS MANUAL
RADIATOR SUB-ASSEMBLY HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AUXILIARY OIL COOLER KIT



AUXILIARY OIL COOLER KIT

**L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER KIT**

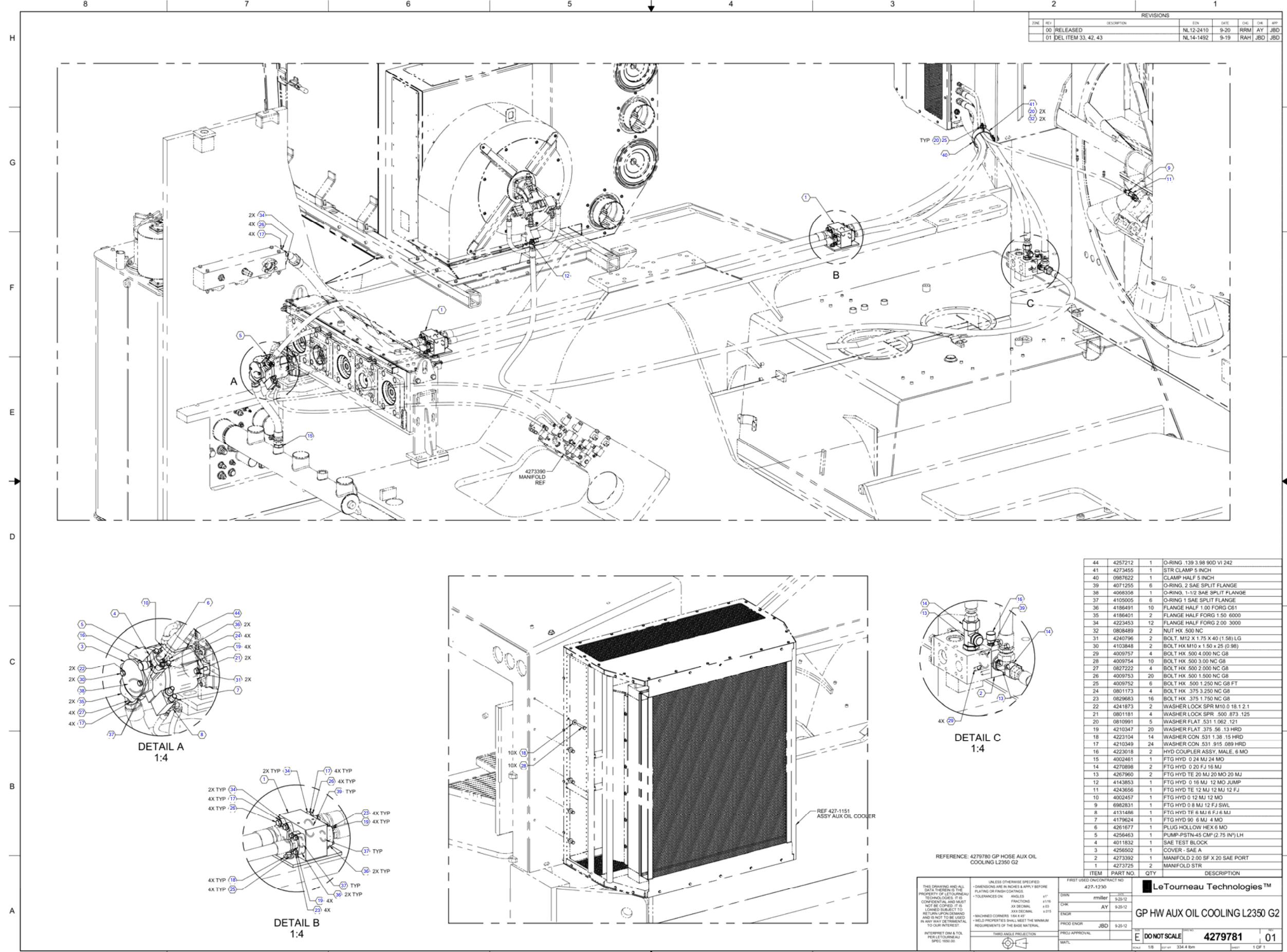
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4271230		AUXILIARY OIL COOLER KIT (-1)		10/11/16
1	R4271151	1	· OIL COOLER ASSEMBLY		
	R4270969	1	· · AUXILIARY OIL COOLER HOSE GROUP (PAGE 8.106-8.106A)		
	R4274504	1	· · AUXILIARY OIL COOLER HARDWARE GROUP (PAGE 8.104-8.104A)		
2	R4279780	1	· AUXILIARY OIL COOLER SYSTEM HOSE GROUP (PAGE 8.103-8.103A)		
3	R4279781	1	· AUXILIARY OIL COOLER SYSTEM HARDWARE GROUP (PAGE 8.102-8.102A)		
		REF	DRAWING, AUXILIARY OIL COOLER KIT (R427123005)		10/11/16

**L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER KIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AUXILIARY OIL COOLER SYSTEM HARDWARE GROUP



AUXILIARY OIL COOLER SYSTEM HARDWARE GROUP

L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER SYSTEM HARDWARE GROUP

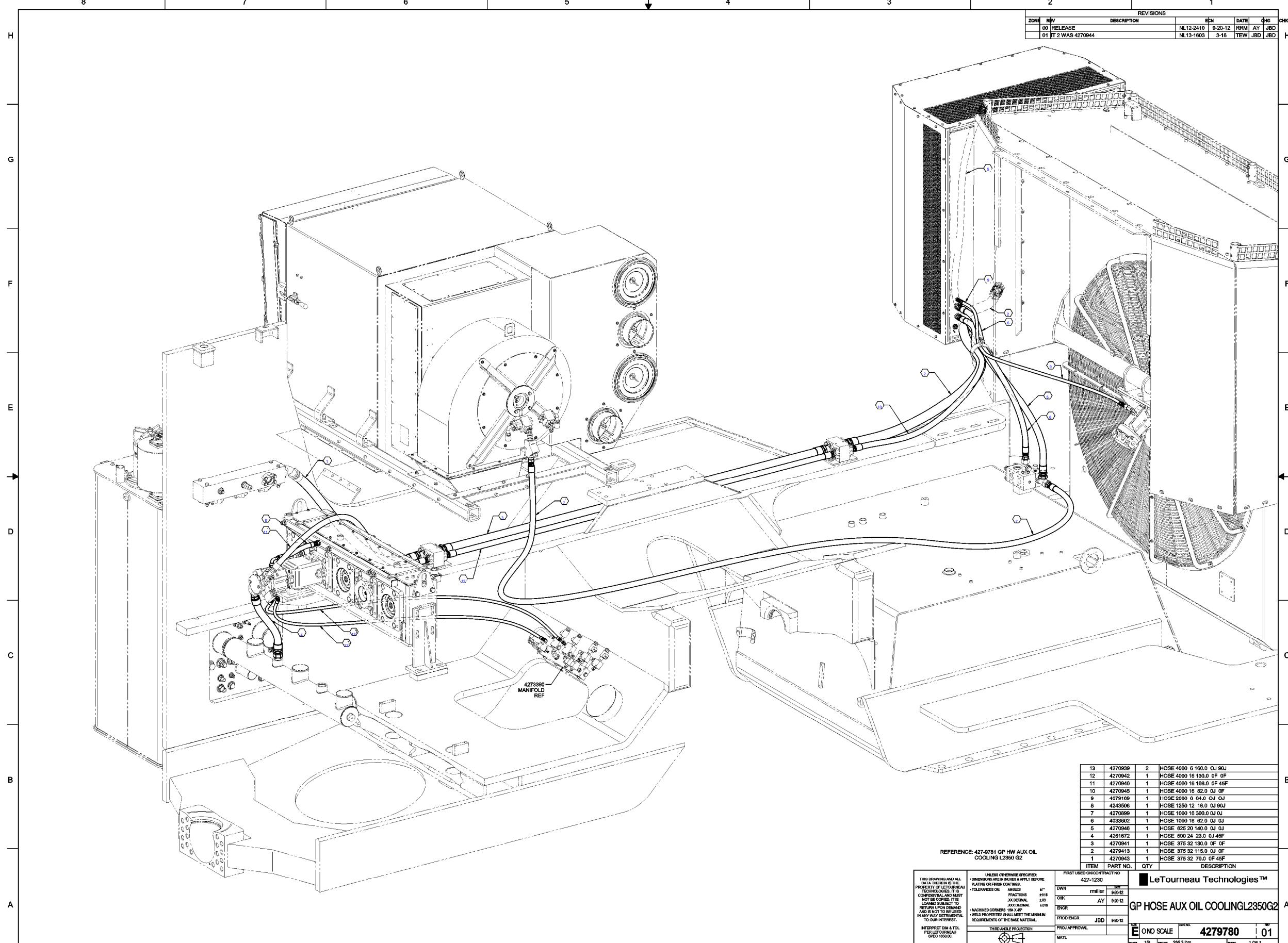
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4279781		AUXILIARY OIL COOLER SYSTEM HARDWARE GROUP		2/29/16
1	R4273725	2	· MANIFOLD STRUCTURE		
2	R4273392	1	· MANIFOLD, 2" SF X #20 PORT		
3	R4256502	1	· COVER		
4	R4011832	1	· TEST BLOCK, 1"		
5	R4256463	1	· PUMP, PISTON - 45 CM3 L.H.		
6	R4261677	1	· PLUG, #6 MO		
7	R4116644	1	· ELBOW, #4 MO X 90 deg. X #6 MJ		
8	R4131486	1	· TEE, #6 MJ X #6 FJ X #6 MJ		
9	R6982831	1	· ADAPTER, #12 FJ X #8 MJ - SWIVEL		
10	R4002457	1	· ADAPTER, #12 MO X #12 MJ		
11	R4243656	1	· TEE, #12 MJ X #12 MJ X #12 FJ		
12	R4143853	1	· ADAPTER, #12 MO X #16 MJ		
13	R4267960	2	· TEE, #20 MJ X #20 MO X #20 MJ		
14	R4270898	2	· ADAPTER, #20 FJ X #16 MJ		
15	R4002461	1	· ADAPTER, #24 MO X #24 MJ		
16	R4223018	2	· COUPLING ASSEMBLY, QUICK - MALE X #6 MO		
17	R4210349	24	· FLATWASHER, 1/2" - HARDENED		
18	R4223104	14	· FLATWASHER, 1/2" I.D. X 1-3/8" O.D. X 1/8" - CONICAL		
19	R4210347	20	· FLATWASHER, 3/8" - HARDENED		
20	R0810991	5	· FLATWASHER, 1/2" X 1" X 1/8"		
21	R0801181	4	· LOCKWASHER, 1/2"		
22	R4241873	2	· LOCKWASHER, 10 MM		
23	R0829683	16	· BOLT, 3/8"-16 X 1-3/4"		
24	R0801173	4	· BOLT, 3/8"-16 X 3-1/4"		
25	R4009752	6	· BOLT, 1/2"-13 X 1-1/4"		
26	R4009753	20	· BOLT, 1/2"-13 X 1-1/2"		
27	R0827222	4	· BOLT, 1/2"-13 X 2"		
28	R4009754	10	· BOLT, 1/2"-13 X 3"		
29	R4009757	4	· BOLT, 1/2"-13 X 4"		
30	R4103848	2	· BOLT, 10 MM X 1.50 X 25		
31	R4240796	2	· BOLT, 12 MM X 1.75 X 40 MM		
32	R0808489	2	· NUT, 1/2"-13		
33	N.P.N.		· NOT USED		2/29/16
34	R4223453	12	· FLANGE HALF, 2"		
35	R4186401	2	· FLANGE HALF, 1-1/2"		
36	R4186491	10	· FLANGE HALF, 1"		
37	R4105005	6	· O-RING, 1-1/4" I.D. - POLYURETHANE		
38	R4068358	1	· O-RING, 1-7/8" I.D. - POLYURETHANE		
39	R4071255	6	· O-RING, 2-1/4" I.D. - POLYURETHANE		
40	R0987622	1	· CLAMP HALF, 5"		
41	R4273455	1	· CLAMP STRUCTURE, 5"		
42	N.P.N.		· NOT USED		2/29/16
43	N.P.N.		· NOT USED		2/29/16
44	R4257212	1	· O-RING, 4" I.D. - VITON		
			DRAWING, AUXILIARY OIL COOLER HARDWARE GROUP (R427978101)		2/29/16

**L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER SYSTEM HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AUXILIARY OIL COOLER SYSTEM HOSE GROUP



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		DWN mm/in	939-12
		CHK	AY 9-20-12
		ENR	
		PROD ENGR	JBD 9-20-12
		THIRD ANGLE PROJECTION	
		PROD APPROVAL	
		MATL	
		ONO SCALE	4279780 01
		WEIGHT	266.3 lb
		SCALE	1/8
		REV	1 OF 1

AUXILIARY OIL COOLER SYSTEM HOSE GROUP

L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER SYSTEM HOSE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4279780		AUXILIARY OIL COOLER SYSTEM HOSE GROUP		
1	R4270943	1	· HOSE ASSEMBLY, #32 X 70"		
2	R4279413	1	· HOSE ASSEMBLY, #32 X 115"		
3	R4270941	1	· HOSE ASSEMBLY, #32 X 130"		
4	R4261672	1	· HOSE ASSEMBLY, #24 X 23"		
5	R4270946	1	· HOSE ASSEMBLY, #20 X 140"		
6	R4033602	1	· HOSE ASSEMBLY, #16 X 62"		
7	R4270899	1	· HOSE ASSEMBLY, #16 X 300"		
8	R4243506	1	· HOSE ASSEMBLY, #12 X 16"		
9	R4079169	1	· HOSE ASSEMBLY, #8 X 64"		
10	R4270945	1	· HOSE ASSEMBLY, #16 X 82"		
11	R4270940	1	· HOSE ASSEMBLY, #16 X 108"		
12	R4270942	1	· HOSE ASSEMBLY, #16 X 130"		
13	R4270939	2	· HOSE ASSEMBLY, #6 X 160"		
			DRAWING, AUXILIARY OIL COOLER SYSTEM HOSE GROUP (R427978001)		

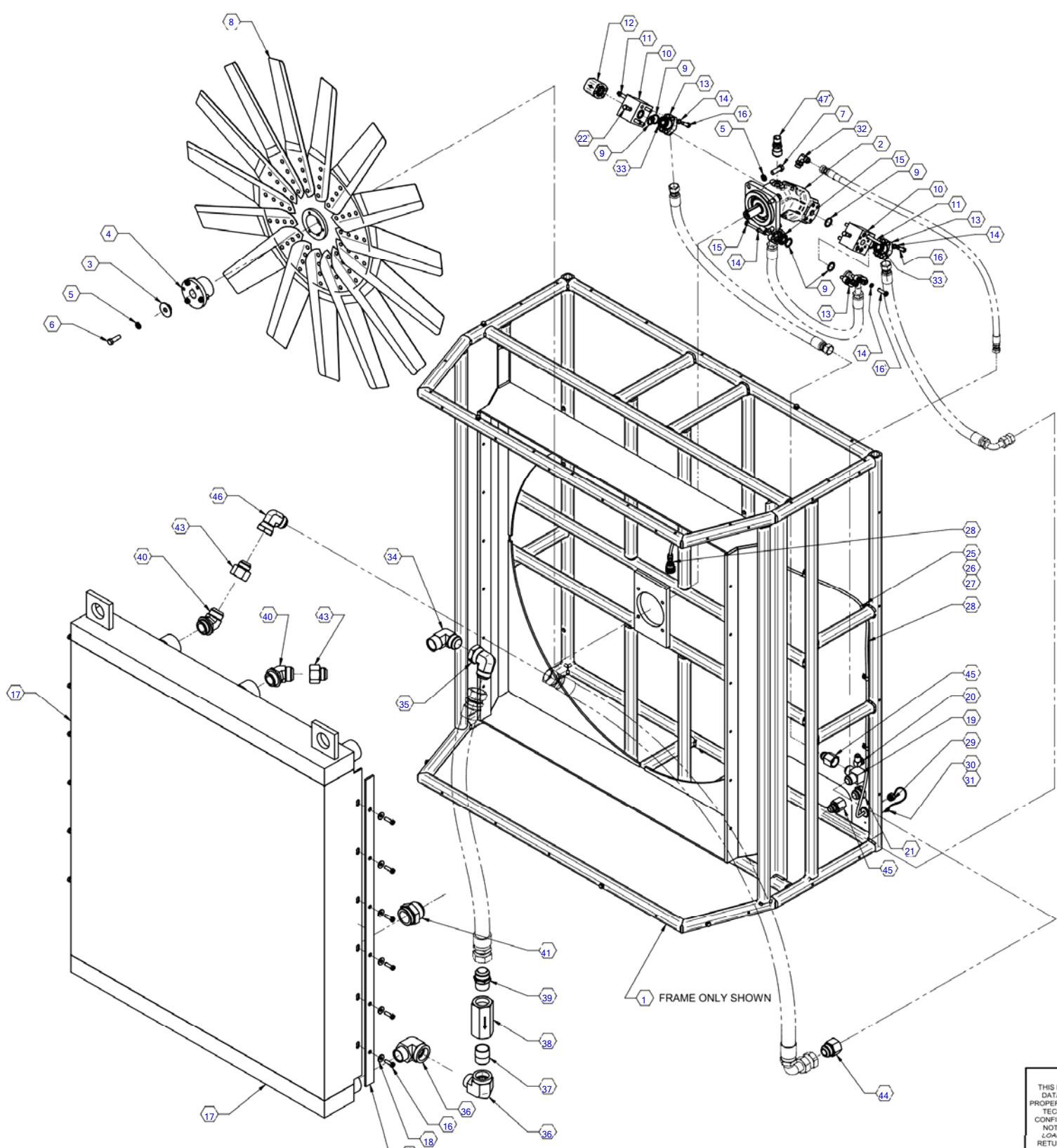
**L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER SYSTEM HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AUXILIARY OIL COOLER HARDWARE GROUP

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

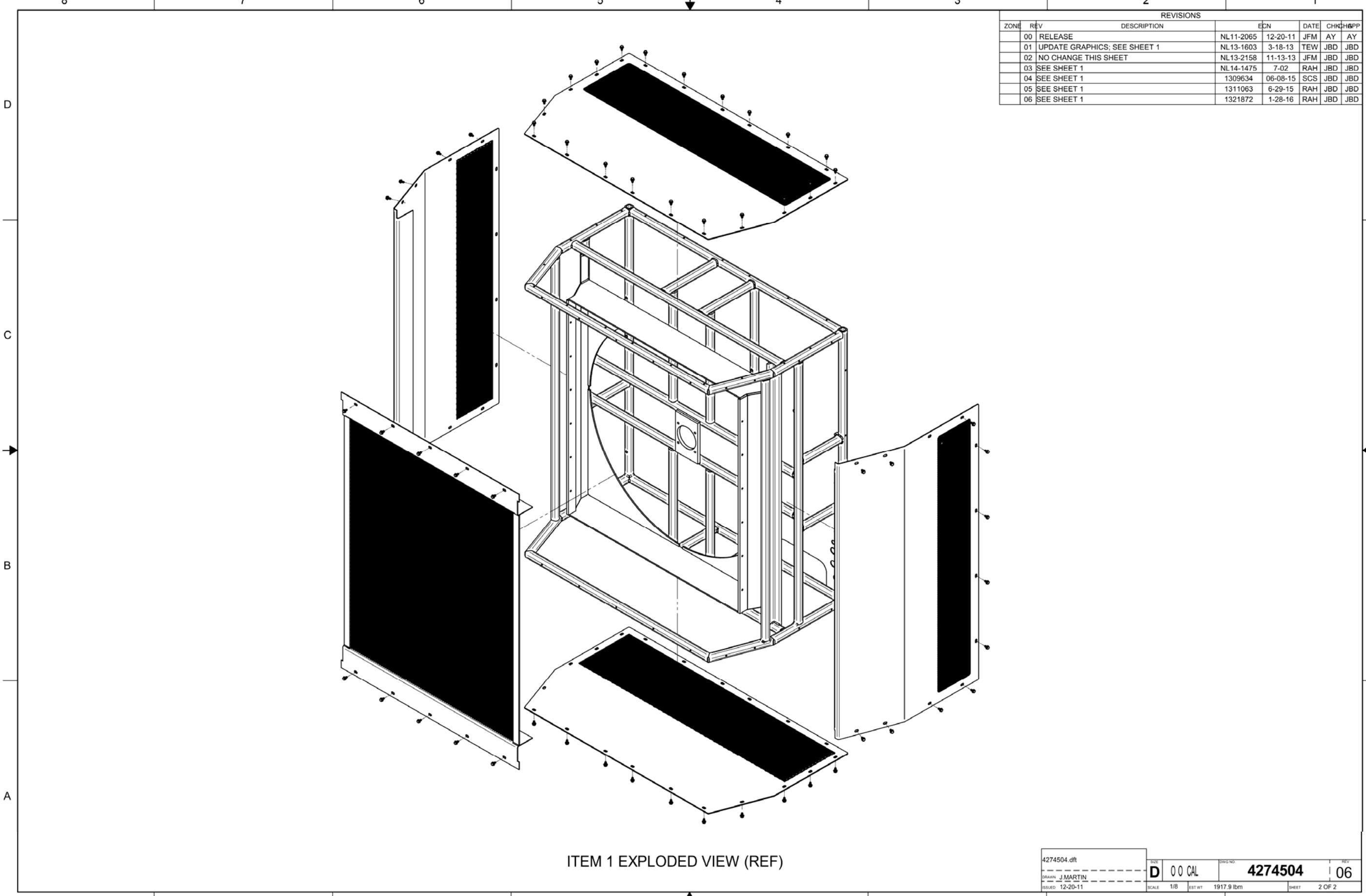


REVISIONS					
ZONE	REV	DESCRIPTION	ECN	DATE	CHK CHG P/P
00	RELEASE	NL11-2065 12-20-11 JFM AY AY			
01	ADD IT 46; UPDATE GRAPHICS	NL13-1603 3-18-13 TEW JBD JBD			
02	DELETED ITEM 42 FITTING	NL13-2158 11-13-13 JFM JBD JBD			
03	DEL ITEM 24, MRS# 1107	NL14-1475 7-02 RAH JBD JBD			
04	UPDATED GEOMETRY ITEM 1	1309534 06-08-15 SCS JBD JBD			
05	ADD ITEM 47	1311063 6-29-15 RAH JBD JBD			
00	ADD REF 4286839 NOTE	1321872 1-28-16 RAH JBD JBD			

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INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.	THIRD ANGLE PROJECTION PROJ APPROVAL MATL	GP HW AUX OIL CLR L13 - 2350 G2	
D 00 CAL	SIZE D REV 06		
SCALE 1/8 EST WT 1917.9 lbm	DWG NO. 4274504		
SHEET 1 OF 2	1		

AUXILIARY OIL COOLER HARDWARE GROUP

AUXILIARY OIL COOLER HARDWARE GROUP



AUXILIARY OIL COOLER HARDWARE GROUP

L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER HARDWARE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274504		AUXILIARY OIL COOLER HARDWARE GROUP		4/11/16
1	R4273438	1	· AUXILIARY OIL COOLER FRAME AND PANELS ASSEMBLY (PAGE 8.105-8.105A)		
2	R4267539	1	· MOTOR, PISTON - 45CC		4/11/16
3	R4271041	1	· WASHER, RETAINER		
4	R4267980	1	· BUSHING, SPLIT TAPER - 30 MM		
5	R0801181	5	· LOCKWASHER, 1/2"		
6	R4240796	1	· BOLT, 12 MM X 1.75 X 40 MM		
7	R4009753	4	· BOLT, 1/2"-13 X 1-1/2"		
8	R4261253	1	· FAN ASSEMBLY, 48" - WITH HUB		
9	R4105004	6	· O-RING, 1" I.D. - POLYURETHANE		
10	R4271040	2	· BLOCK, MANIFOLD - MOTOR OUTLET		
11	R4001842	8	· CAPSCREW, 3/8"-16 X 3"		
12	R4271110	1	· VALVE ASSEMBLY, CHECK - 3/4", SF		
	R4273351	1	· · VALVE, CHECK - 3/4", SF		
	R4273347	1	· · O-RING, 1-5/16" I.D. - POLYURETHANE		
	R4105004	1	· · O-RING, 1" I.D. - POLYURETHANE		
13	R4002219	8	· FLANGE HALF, 3/4"		
14	R4210347	16	· FLATWASHER, 3/8" - HARDENED		
15	R4009645	4	· BOLT, 3/8"-16 X 3"		
16	R0808476	24	· BOLT, 3/8"-16 X 1-1/4"		
17	R4223375	1	· OIL COOLER		
18	R4223102	12	· FLATWASHER, 3/8" I.D. X 1" O.D. X 1/16" - CONICAL		
19	R4271163	1	· TEE, #16 MJ X #16 MJ X #16 MJ - BULKHEAD		
20	R4016701	1	· ELBOW, #8 MJ X 90 deg. X #8 MJ - BULKHEAD		
21	R4179877	1	· ADAPTER, #16 MJ X #16 MJ - BULKHEAD		
22	R4013779	2	· PLUG, PIPE - 1/4", HEX HD.		
23	R4274724	2	· FLATBAR, 49-3/4" - 6 HOLES		
24	N.P.N.		· NOT USED		2/29/16
25	R0989002	5	· CLAMP, CABLE - INSULATED, 1/4"		
26	R0213584	5	· LOCKWASHER, 1/4"		
27	R0417597	5	· BOLT, 1/4"-20 X 1/2"		
28	R4274454	1	· CABLE, SPEED SENSOR		
29	R4274455	1	· CAP WITH CABLE		
30	R4129670	1	· LOCKWASHER, #10		
31	R4153670	1	· SCREW, #10-32 X 1/2" - S.S.		
32	R4002471	1	· ELBOW, #8 MO X 90 deg. X #8 MJ - ADJ.		
33	R4271108	2	· ELBOW, #12 SF X 45 deg. X #12 MJ		
34	R4002445	1	· ELBOW, #24 MJ X 90 deg. X 1-1/2" MP		
35	R4002485	1	· ELBOW, #24 FJ X 90 deg. X #24 MJ - SWIVEL		
36	R4223398	2	· ELBOW, 1-1/2" FP X 90 deg. X 1-1/2" MP		
37	R4012840	1	· NIPPLE, PIPE - 1-1/2" X 2"		
38	R4073161	1	· VALVE ASSEMBLY, CHECK - INLINE, 45 PSI		
39	R4002426	1	· ADAPTER, 1-1/2" MP X #24 MJ		
40	R4002469	2	· ELBOW, #24 MO X 45 deg. X #24 MJ		
41	R4233411	1	· ADAPTER, #32 MO X #32 MJ		
42	N.P.N.		· NOT USED		2/29/16
43	R4244552	2	· ADAPTER, #24 FJ X #20 MJ		
44	R4271164	1	· ADAPTER, #16 FJ X #20 MJ		
45	R4243671	2	· ADAPTER, #16 FJ X #12 MJ		
46	R4002484	1	· ELBOW, #20 FJ X 90 deg. X #20 MJ - SWIVEL		
47	R4267540	1	· SENSOR ASSEMBLY, SPEED		2/29/16
			DRAWING, AUXILIARY OIL COOLER HARDWARE GROUP (R427450406)		2/29/16

**L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER HARDWARE GROUP**

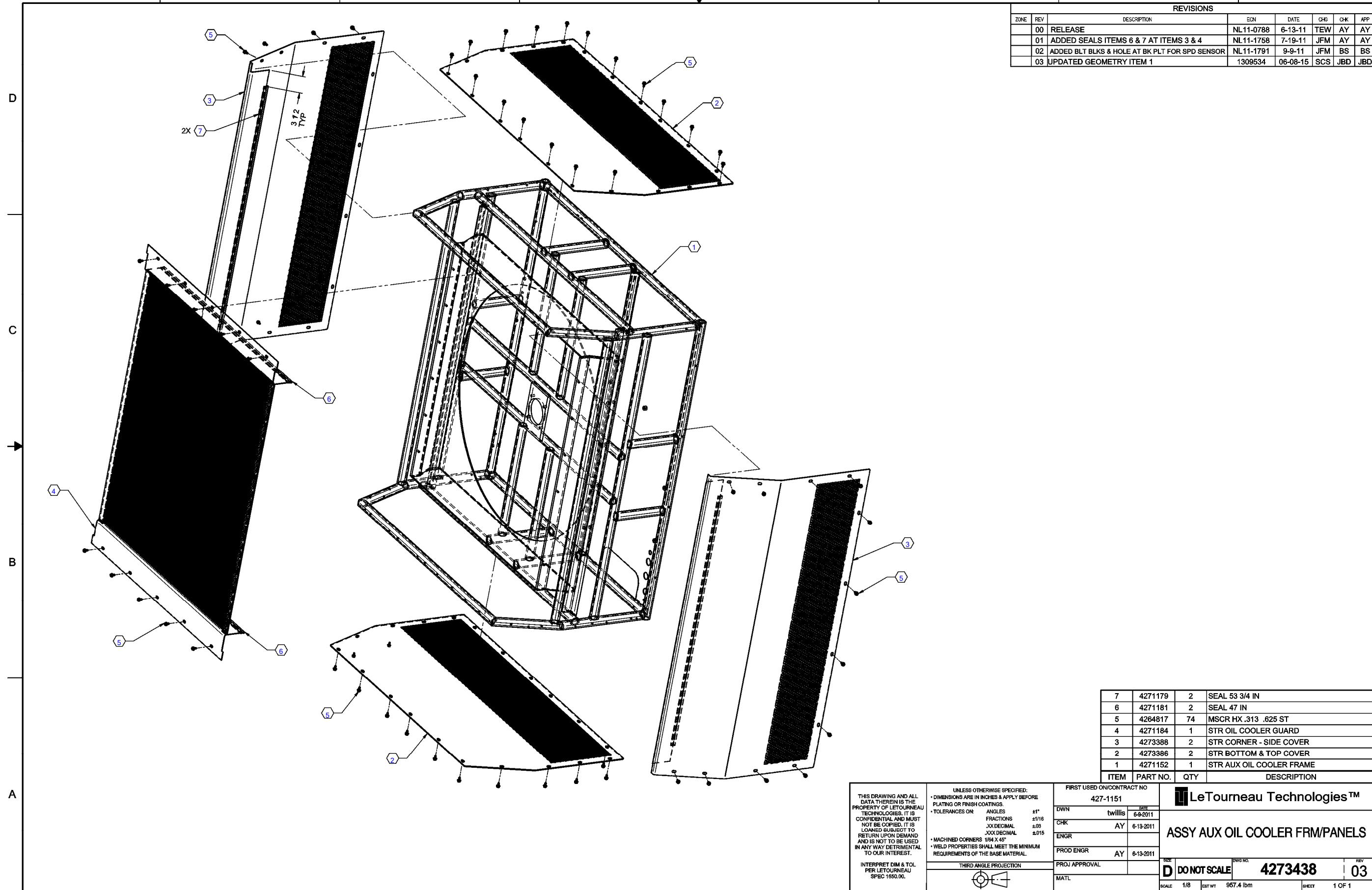
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AUXILIARY OIL COOLER FRAME AND PANELS ASSEMBLY

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

		REVISIONS					
ZONE	REV	DESCRIPTION	ECN	DATE	CHG	CHK	APP
	00	RELEASE	NL11-0788	6-13-11	TEW	AY	AY
	01	ADDED SEALS ITEMS 6 & 7 AT ITEMS 3 & 4	NL11-1758	7-19-11	JFM	AY	AY
	02	ADDED BLT BLKS & HOLE AT BK PLT FOR SPD SENSOR	NL11-1791	9-9-11	JFM	BS	BS
	03	UPDATED GEOMETRY ITEM 1	1309534	06-08-15	SCS	JBD	JBD



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INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.

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TOLERANCES ON: ANGLES $\pm 1^\circ$, FRACTIONS $\pm 1/16$, DECIMAL $\pm .03$, XXX DECIMAL $\pm .015$
MACHINED CORNERS $1/64 \times 45^\circ$. WELD PROPERTIES SHALL MEET THE MINIMUM REQUIREMENTS OF THE BASE MATERIAL.

FIRST USED ON/CONTRACT NO
427-1151
DWN twillis DATE
6-19-2011
CHK AY 6-19-2011
ENGR
PROD ENGR AY 6-19-2011
THIRD ANGLE PROJECTION
PROJ APPROVAL
MATL

LeTourneau Technologies™
ASSY AUX OIL COOLER FRM/PANELS
DWG NO. 4273438 REV. 03
SCALE 1/8 EST WT 957.4 lbm SHEET 1 OF 1

AUXILIARY OIL COOLER FRAME AND PANELS ASSEMBLY

L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER FRAME AND PANELS ASSEMBLY

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4273438		AUXILIARY OIL COOLER FRAME AND PANELS ASSEMBLY		3/1/16
1	R4271152	1	· FRAME STRUCTURE, AUXILIARY OIL COOLER		
2	R4273386	2	· COVER STRUCTURE, BOTTOM AND TOP		
3	R4273388	2	· COVER STRUCTURE, SIDE		
4	R4271184	1	· COVER STRUCTURE, FRONT		
5	R4264817	74	· SCREW, 5/16"-12 X 5/8"		
6	R4271181	2	· SEAL, 47"		
7	R4271179	2	· SEAL, 53-3/4"		
			DRAWING, AUXILIARY OIL COOLER FRAME AND PANELS ASSEMBLY (R427343803)		3/1/16

L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER FRAME AND PANELS ASSEMBLY

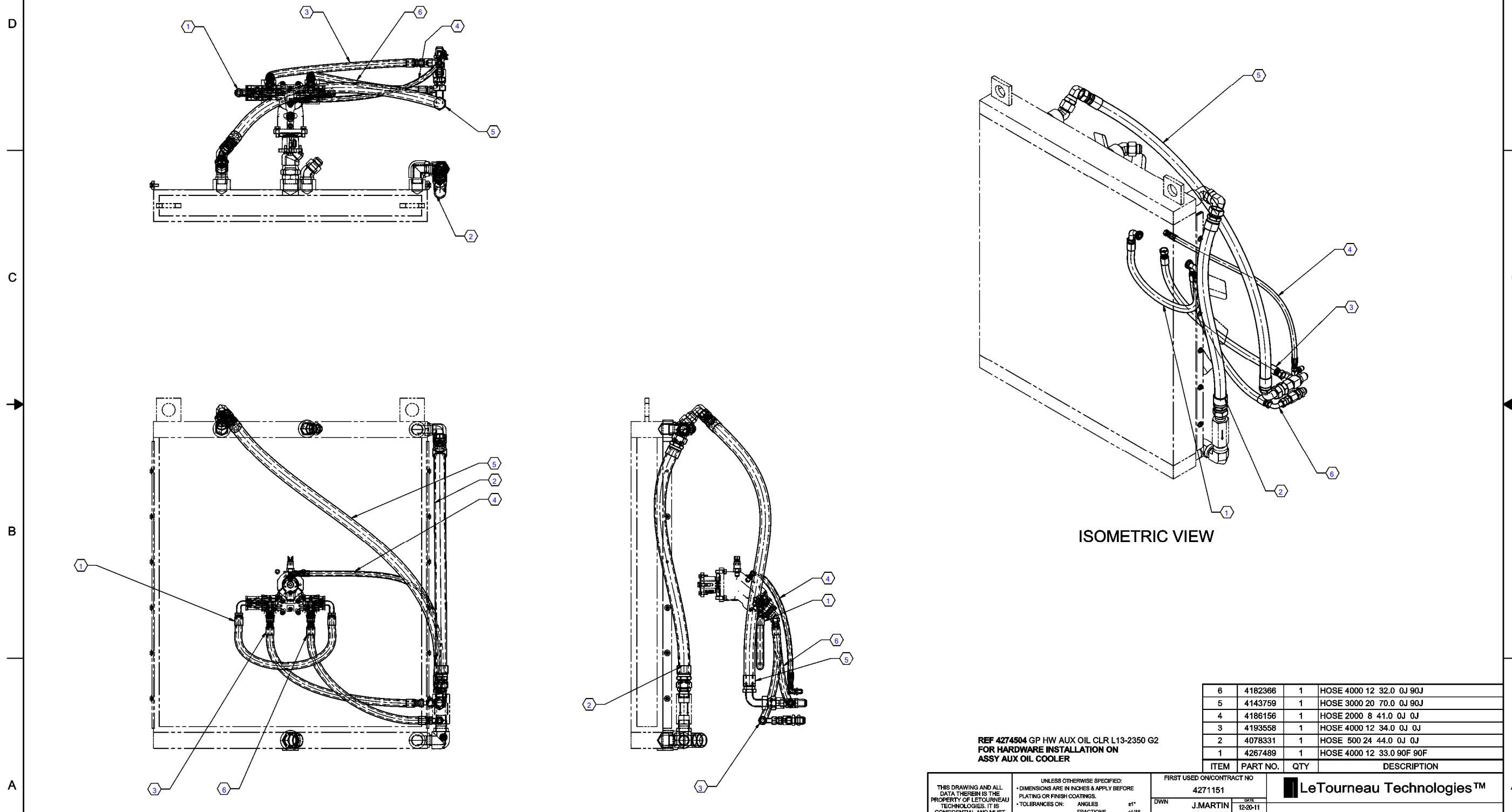
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AUXILIARY OIL COOLER HOSE GROUP

8 | 7 | 6 | 5 | 4 | 3 | 2 | 1

REV		DESCRIPTION	ECN	DATE	CHK	CHECKPP
00	RELEASE	NL11-2065	12-20-11	JFM	AY	AY
01	UPDATE GRAPHICS	NL13-1603	3-18	TEW	JBD	JBD



ISOMETRIC VIEW

REF 4274504 GP HW AUX OIL CLR L13-2350 G2
FOR HARDWARE INSTALLATION ON
ASSY AUX OIL COOLER

ITEM	PART NO.	QTY	DESCRIPTION
6	4182366	1	HOSE 4000 12 32.0 0J 90J
5	4143759	1	HOSE 3000 20 70.0 0J 90J
4	4186156	1	HOSE 2000 8 41.0 0J 0J
3	4193558	1	HOSE 4000 12 34.0 0J 0J
2	4078331	1	HOSE 500 24 44.0 0J 0J
1	4267489	1	HOSE 4000 12 33.0 90F 90F

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INTERPRET DIM & TOL PER LETOURNEAU SPEC 1650.00.	DWN J.MARTIN 12-20-11 CHK A.YAO 12-20-11 ENGR A.YAO 12-20-11 PROD ENGR A.YAO 12-20-11 THIRD ANGLE PROJECTION MATL	DATE 12-20-11 PROJ APPROVAL REV D ON/O SCALE 4270969 1 01	GP HOSE AUX OIL CLR L13 - 2350 G2
SCALE 1/8 EST WT 48.2 lbm SHEET 1 OF 1			

AUXILIARY OIL COOLER HOSE GROUP

**L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER HOSE GROUP**

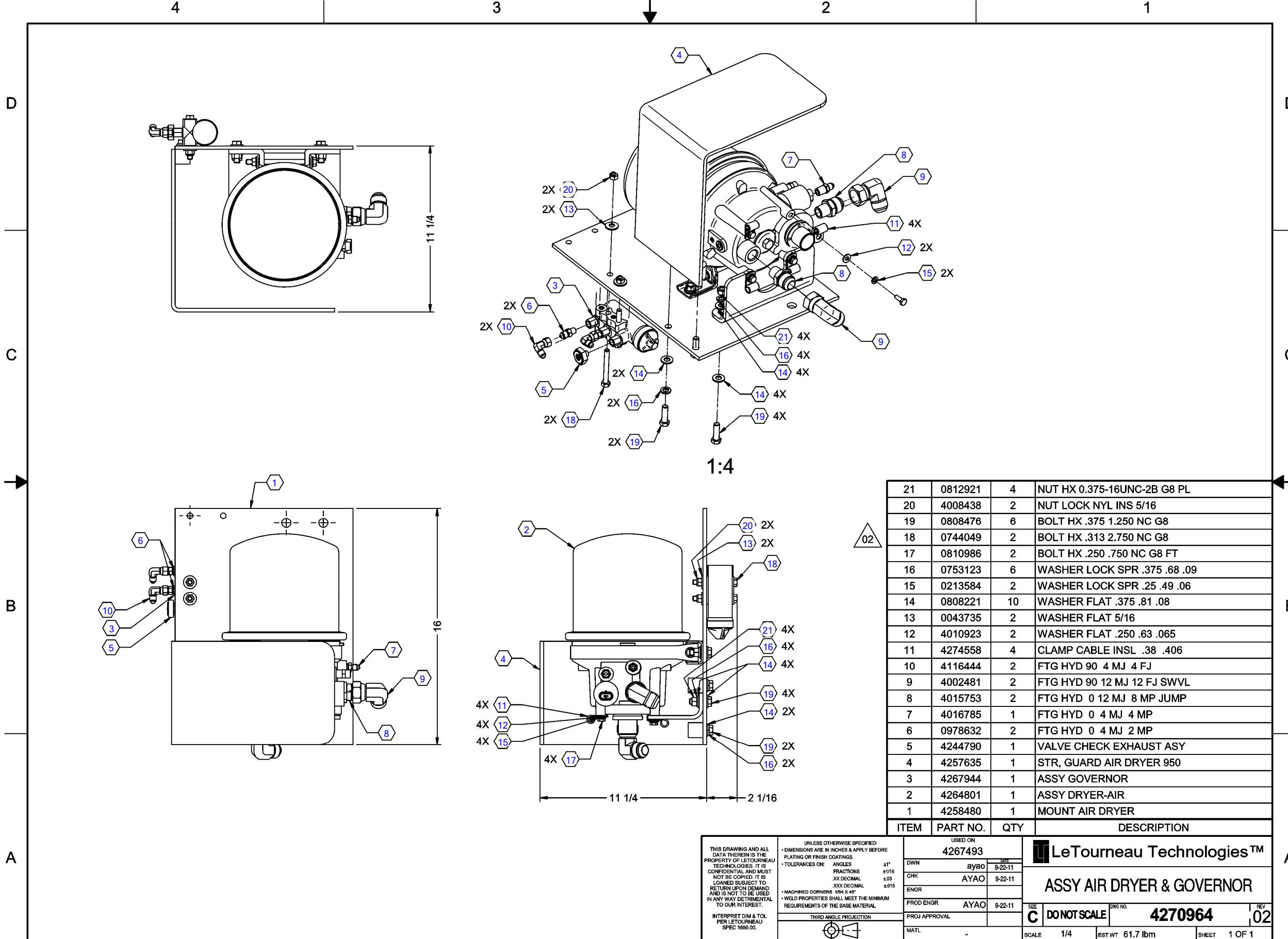
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270969		AUXILIARY OIL COOLER HOSE GROUP		
1	R4267489	1	· HOSE ASSEMBLY, #12 X 33"		
2	R4078331	1	· HOSE ASSEMBLY, #24 X 44"		
3	R4193558	1	· HOSE ASSEMBLY, #12 X 34"		
4	R4186156	1	· HOSE ASSEMBLY, #8 X 41"		
5	R4143759	1	· HOSE ASSEMBLY, #20 X 70"		
6	R4182366	1	· HOSE ASSEMBLY, #12 X 32"		
			DRAWING, AUXILIARY OIL COOLER HOSE GROUP (R427096901)		

**L-2350-2242 PARTS MANUAL
AUXILIARY OIL COOLER HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AIR DRYER & GOVERNOR ASSEMBLY



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• DIMENSIONS ARE IN INCHES & APPLY BEFORE
PLATING OR FINISH COATINGS.
• TOLERANCES ON ANGLES $\pm 1^\circ$
FRACTIONS $\pm 1/16$
XX DECIMAL $\pm .03$
XXX DECIMAL $\pm .015$
• MACHINED CORNERS: $1/8$ IN. $\pm .015$
• WELD PROPERTIES SHALL MEET THE MINIMUM
REQUIREMENTS OF THE BASE MATERIAL.

INTERPRET DIM & TOL
PER LETOURNEAU
SPEC 1650.00.

THIRD ANGLE PROJECTION

PROJ APPROVAL

MATL

REV

C

DO NOT SCALE

DWG NO.

4270964

02

LeTourneau Technologies™

ASSY AIR DRYER & GOVERNOR

AIR DRYER & GOVERNOR ASSEMBLY

**L-2350-2242 PARTS MANUAL
AIR DRYER & GOVERNOR ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270964		AIR DRYER & GOVERNOR ASSEMBLY		5/1/18
1	R4258480	1	· MOUNT PLATE, AIR DRYER		
2	R4264801	1	· AIR DRYER ASSEMBLY		
	R4258482	1	· · DESICCANT CARTRIDGE		
	R4258492	1	· · HARNESS KIT, AIR DRYER		
	R4258491	1	· · COVER, EXHAUST		
	R4258490	1	· · VALVE, DELIVERY CHECK KIT		
	R4258484	1	· · HEATER AND THERMOSTAT KIT, 24V		
	R4258483	1	· · VALVE, PURGE KIT		
	R4261581	1	· · SPRING, PURGE VALVE		
	R4264800	1	· · MOUNT KIT		
	R4258485	1	· · DRYER, AIR		
3	R4267944	1	· GOVERNOR MODULE ASSEMBLY		
	R4267943	1	· · GOVERNOR		
	R4265902	3	· · ADAPTER, 1/8" FP X 10 MMO		
	R0716331	3	· · PLUG, PIPE - 1/8", HEX CSK.		
4	R4257635	1	· GUARD STRUCTURE, AIR DRYER		
5	R4244790	1	· VALVE ASSEMBLY, CHECK - EXHAUST		
6	R0978632	2	· ADAPTER, 1/8" MP X #4 MJ		
7	R4016785	1	· ADAPTER, 1/4" MP X #4 MJ		
8	R4015753	2	· ADAPTER, 1/2" MP X #12 MJ		
9	R4002481	2	· ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
10	R4116444	2	· ELBOW, #4 FJ X 90 deg. X #4 MJ - SWIVEL		
11	R4274558	4	· CLAMP, CAMP - INSULATED, 3/8"		5/1/18
12	R4010923	2	· FLATWASHER, 1/4"		
13	R0043735	2	· FLATWASHER, 5/16"		
14	R0808221	10	· FLATWASHER, 3/8"		
15	R0213584	2	· LOCKWASHER, 1/4"		
16	R0753123	6	· LOCKWASHER, 3/8"		
17	R0810986	2	· BOLT, 1/4"-20 X 3/4"		
18	R0744049	2	· BOLT, 5/16"-18 X 2-3/4"		5/1/18
19	R0808476	6	· BOLT, 3/8"-16 X 1-1/4"		
20	R4008438	2	· LOCKNUT, 5/16"-18 - NYLON		
21	R0812921	4	· NUT, 3/8"-16		
			DRAWING, AIR DRYER & GOVERNOR ASSEMBLY (R427096402)		5/1/18

**L-2350-2242 PARTS MANUAL
AIR DRYER & GOVERNOR ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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L-2350-2242 PARTS MANUAL
Miscellaneous
SECTION OR GROUP TITLE

TOOL GROUP
LIFTING DEVICES
FRONT FRAME AUTO LUBE HARDWARE GROUP
FRONT FRAME AUTO LUBE HOSE GROUP
REAR FRAME AUTO LUBE HARDWARE GROUP
REAR FRAME AUTO LUBE HOSE GROUP
LIFTARM AUTO LUBE HARDWARE GROUP
LIFTARM AUTO LUBE HOSE GROUP
AUTO LUBE GREASE RESERVOIR AND PUMP ASSEMBLY
COLD CLIMATE HEATING GROUP
240 VAC HEATERS BOX ASSEMBLY
STANDARD CLIMATE FLUIDS GROUP
FLUID SAMPLING KIT
CENTRAL SERVICE GROUP
ELECTRIC HORN
LINCS SUPPORT GROUP
REAR VISION CAMERA SYSTEM KIT
COUNTERWEIGHT KIT
TRAINING SEAT ASSEMBLY AND MOUNT
Komatsu has made effort to make this manual as accurate as possible based on the information available at the time of publication and printing.
Continuous improvement and advancement of product design may cause changes to machines which may not have been included in this publication.
Komatsu reserves the right to make changes and improvements at any time.
To ensure the most current information, please use the Komatsu On-Line Parts Manual Database or contact your service center.
This illustrated Parts Manual is now designed primarily for electronic viewing.
It is best viewed from the DVD or the Komatsu On-Line Parts Manual Database.
In its printed paper version some items in the illustrations may appear small and the reference numbers may be difficult to read.
In a case where a number or view is unreadable you will need to view it electronically and use the zoom feature.
NOTE: Many of the parts for factory-installed optional components are found in this section.
It is essential to verify the optional equipment on the machine and check the parts lists in Section 9 prior to ordering parts.
Should there be questions or need for additional information concerning parts for factory-installed options, contact the Komatsu Parts Sales Department before placing an order.

L-2350-2242 PARTS MANUAL

Miscellaneous

SECTION OR GROUP TITLE

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**L-2350-2242 PARTS MANUAL
TOOL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274438		TOOL GROUP		7/5/17
1	R4216205	40	· GREASE, UNIREX - 14-OZ. CARTRIDGE		
2	R4234048	1	· GREASE GUN		
3	R4009523	4	· BOLT, 3/4"-10 X 1-1/2"		
4	R4075801	2	· LIFTING EYE, 1"-14 X 1-1/2" X 1-1/2" EYE		
5	R4075803	4	· LIFTING EYE, 3/4"-16 X 1-1/2" X 1-1/2" EYE		
6	R4162114	1	· SOCKET, IMPACT - MODIFIED, 1" DRIVE X 1" 12 POINT SOCKET		
7	R4086118	1	· SOCKET, 1" DRIVE X 1-1/4" 12 POINT SOCKET		
8	R4116384	1	· LIFTING EYE PLATE, ROPS		
9	R4162120	1	· GAUGE ASSEMBLY, 0-4000 PSI		
10	R4032503	1	· · BUSHING, 1/8" FP X 1/4" MP		
11	R4041347	1	· · COUPLING, QUICK - FEMALE X 1/4" FP		
12	R4041349	1	· · PLUG, QUICK COUPLING		
13	R4154747	1	· · GAUGE, HYDRAULIC		
14	R4123740	1	· OIL, GEAR - 5-GALLON PAIL, 75W 140 SYNTHETIC		
15	R4162332	1	· TEST FITTING ASSEMBLY, RELIEF VALVE		
16	R4078968	1	· · TEE, #8 MJ X #8 FJ X #8 MJ		
17	R4162330	1	· · REDUCER, 8-4 JIC		
18	R4080984	1	· WRENCH STRUCTURE, 1" SQ. SOCKET X 1" 12-PT. SOCKET		
19	R4219191	1	· TEST BLOCK ASSEMBLY, RDFA RELIEF VALVE		
20	R4222437	1	· · CAP, QUICK COUPLING		
21	R4222435	1	· · COUPLING, QUICK - MALE X 1/4" FP		
22	R4030298	1	· · NIPPLE, PIPE - 1/4", HEX		
23	R4031446	1	· · TEE, 1/4" FP		
24	R4021571	1	· · ADAPTER, 1/4" MP X #8 MJ		
25	R4219116	1	· · MANIFOLD, RELIEF - T3A		
26	R4116596	1	· · GAUGE, PRESSURE - 0-4000 PSI		
27	R4002455	1	· · ADAPTER, #8 MO X #8 MJ		
28	R4002280	1	· · O-RING, 3/8" I.D. - BUNA N		
29	R4231495	1	· TOOL, BUSHING REMOVAL - 7-1/4" O.D.		
30	R4231496	1	· TOOL, BUSHING REMOVAL - 4-7/8" O.D.		
31	R4118705	1	· GAUGE ASSEMBLY, 0-4000 PSI		
32	R4012921	1	· · COUPLING, PIPE - 1/4"		
33	R4016785	2	· · ADAPTER, 1/4" MP X #4 MJ		
34	R4041347	1	· · COUPLING, QUICK - FEMALE X 1/4" FP		
35	R4041349	1	· · PLUG, QUICK COUPLING		
36	R4116596	1	· · GAUGE, PRESSURE - 0-4000 PSI		
37	R4186438	1	· · HOSE ASSEMBLY, #4 X 224"		
38	R4219622	1	· TEST BLOCK - DANFOSS OVERLOAD RELIEF		
39	R4236579	1	· TOOL, BUSHING REMOVAL - 8-5/8" O.D.		
40	R4274816	1	· TOOL, BUSHING REMOVAL - 10" O.D.		2/2/16
41	R4234752	1	· TOOL, 57 DRIVER MAIN PINION REMOVAL HUB, 9" O.D. X 2-1/2"		
42	R4234753	1	· TOOL, 57 DRIVER MAIN PINION REMOVAL ARM, 9" O.D. X 46-7/8"		
43	R4241656	1	· CYLINDER, PORTA POWER - 10 TON, 10" STROKE		
44	R4241662	1	· PRESS STRUCTURE, HYDRAULIC BRAKE		
45	R4244801	1	· TEST BLOCK ASSEMBLY, HUSCO RELIEF		
46	R4223018	1	· · COUPLING ASSEMBLY, QUICK - MALE X #6 MO		
47	R4255524	1	· TOOL, SEAL INSTALLATION - LIMIT SWITCH		
48	R4244927	1	· TOOL, SEAL INSTALLATION - LOAD ADAPTER		
49	R4264864	1	· WRENCH, LOW PRESSURE FILTER ASSEMBLY		
50	R4264953	1	· ULTRASONIC LEAK DETECTOR		
51	R4217198	1	· 57 DRIVER/MOTOR LIFTING DEVICE (PAGE 9.108-9.108A)		
52	R4217146	2	· LIFTING DEVICE, LIFTARM - L-1350/L-1850/L-2350 ONLY (PAGE 9.1-9.1B)		

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NONE

9.1.1|R4274438

**L-2350-2242 PARTS MANUAL
TOOL GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
53	R4274804	2	• LIFTING RING, SWIVEL - 1"-8		
54	R4247807	1	• WRENCH, AIR COMPRESSOR HUB		10/25/12
55	R4279085	1	• GAUGE, GREASE INJECTOR - GO/NO GO		9/27/13
56	R4252726	1	• SMALL O-RING KIT - 50 SERIES		7/5/17
57	R0828984	1	• • O-RING, .188 X 6.119, BUNA N - USE: FUEL SYSTEM		7/5/17
58	R4002280	4	• • O-RING, .078 X .47, BUNA N - USE: FOR R4219191 TEST BLOCK ADAPTER		7/5/17
59	R4002282	4	• • O-RING, .097 X .76, BUNA N - USE: FOR R4219191 TEST BLOCK ADAPTER		7/5/17
60	R4068357	25	• • SEAL, SPLIT FLANGE #20 1.25, POLYURETHANE - REPLACES R4222170 - USE: FLUID POWER GROUP		7/5/17
61	R4068358	50	• • SEAL, SPLIT FLANGE #24 1.5, POLYURETHANE - REPLACES R4222171 - USE: FLUID POWER GROUP		7/5/17
62	R4068830	8	• • O-RING, .139 4.98, VITON - REPLACES R4147284 - USE: FLUID POWER GROUP & GEARBOX		7/5/17
63	R4071255	50	• • SEAL, SPLIT FLANGE #32 2.0, POLYURETHANE - REPLACES R4222172 - USE: FLUID POWER GROUP		7/5/17
64	R4105004	5	• • O-RING, .139 .98, POLYURETHANE - USE: FLUID POWER GROUP		7/5/17
65	R4105005	20	• • SEAL, SPLIT FLANGE #16 1.0, POLYURETHANE - REPLACES R4222169 - USE: FLUID POWER GROUP		7/5/17
66	R4116301	30	• • O-RING, SPLIT FLANGE #40 2-1/2 SAE, POLYURETHANE - USE: FLUID POWER GROUP		7/5/17
67	R4123584	4	• • QUAD RING SEAL, .139 X 3.359" I.D., BUNA N - USE: FLUID POWER GROUP		7/5/17
68	R4123585	4	• • QUAD RING SEAL, .139 X 3.859" I.D., BUNA N - USE: FLUID POWER GROUP		7/5/17
69	R4123586	4	• • QUAD RING SEAL, .139 X 4.359" I.D., BUNA N - USE: FLUID POWER GROUP and oil cooler		7/5/17
70	R4131587	2	• • O-RING, .139 1.73, POLYURETHANE - USE: STEERING JUNCTION VALVE		7/5/17
71	R4133132	4	• • O-RING, 3/8" SAE BOSS, POLYURETHANE - USE: FLUID POWER GROUP		7/5/17
72	R4133133	2	• • O-RING, .087 .64, POLYURETHANE - USE: FLUID POWER GROUP		7/5/17
73	R4154858	8	• • O-RING, .139 2.63, POLYURETHANE - REPLACES R4222476 - USE: OIL COOLER CONTROL VALVE		7/5/17
74	R4243926	4	• • O-RING, .103 3.237, POLYURETHANE - USE: SUCTION FILTER		7/5/17
75	R4244637	9	• • O-RING, .139 6.48, VITON - REPLACES R4237599 - USE: FLUID POWER GROUP & GEARBOX		7/5/17
76	R4244771	1	• • O-RING, .139 3.23, VITON - REPLACES R4102824 - USE: FLUID POWER GROUP		7/5/17
77	R4244772	8	• • O-RING, .139 5.98, VITON - REPLACES R4181235 - USE: FLUID POWER GROUP & GEARBOX		7/5/17
78	R4247845	1	• • O-RING, .070 .3489, BUNA N - USE: POSITION INDICATOR ASSEMBLY		7/5/17
79	R4247863	2	• • O-RING, .070 1.05, BUNA N - USE: FUEL SYSTEM		7/5/17
80	R4247879	2	• • O-RING, .070 .489, BUNA N - USE: POSITION INDICATOR ASSEMBLY		7/5/17
81	R4257212	2	• • O-RING, .139 3.98, VITON - REPLACES R4110761 - USE: FLUID POWER GROUP		7/5/17
82	R4267979	2	• • O-RING, 1-1/4" I.D. - POLYURETHANE - USE: FLUID POWER GROUP		7/5/17
83	R4268035	1	• • O-RING, .103 2.11 - POLYURETHANE - USE: FLUID POWER GROUP		7/5/17
84	R4268036	1	• • O-RING, .103 1.74 - POLYURETHANE - USE: FLUID POWER GROUP		7/5/17

**L-2350-2242 PARTS MANUAL
TOOL GROUP**

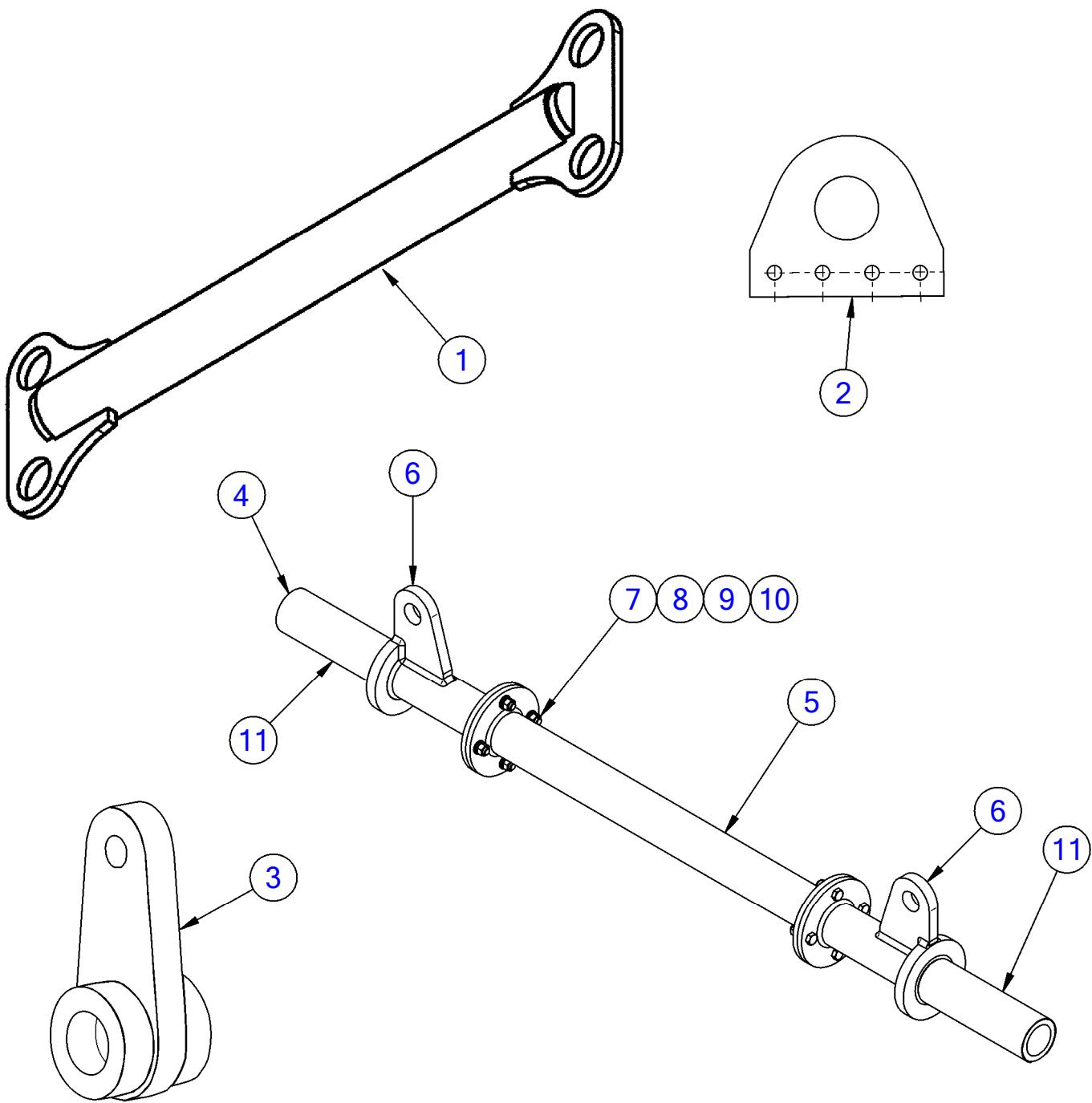
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4254570	REF	STUD, 1-1/4"-7 X 12" - TORQUE WRENCH BACK-UP		
	R0459294	REF	LOCTITE ANTI-SEIZE LUBE, 1 LB		
	R4123626	REF	LUBE, MOLY SPRAY		

NONE

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LIFTING DEVICES



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LIFTING DEVICES

**L-2350-2242 PARTS MANUAL
LIFTING DEVICES**

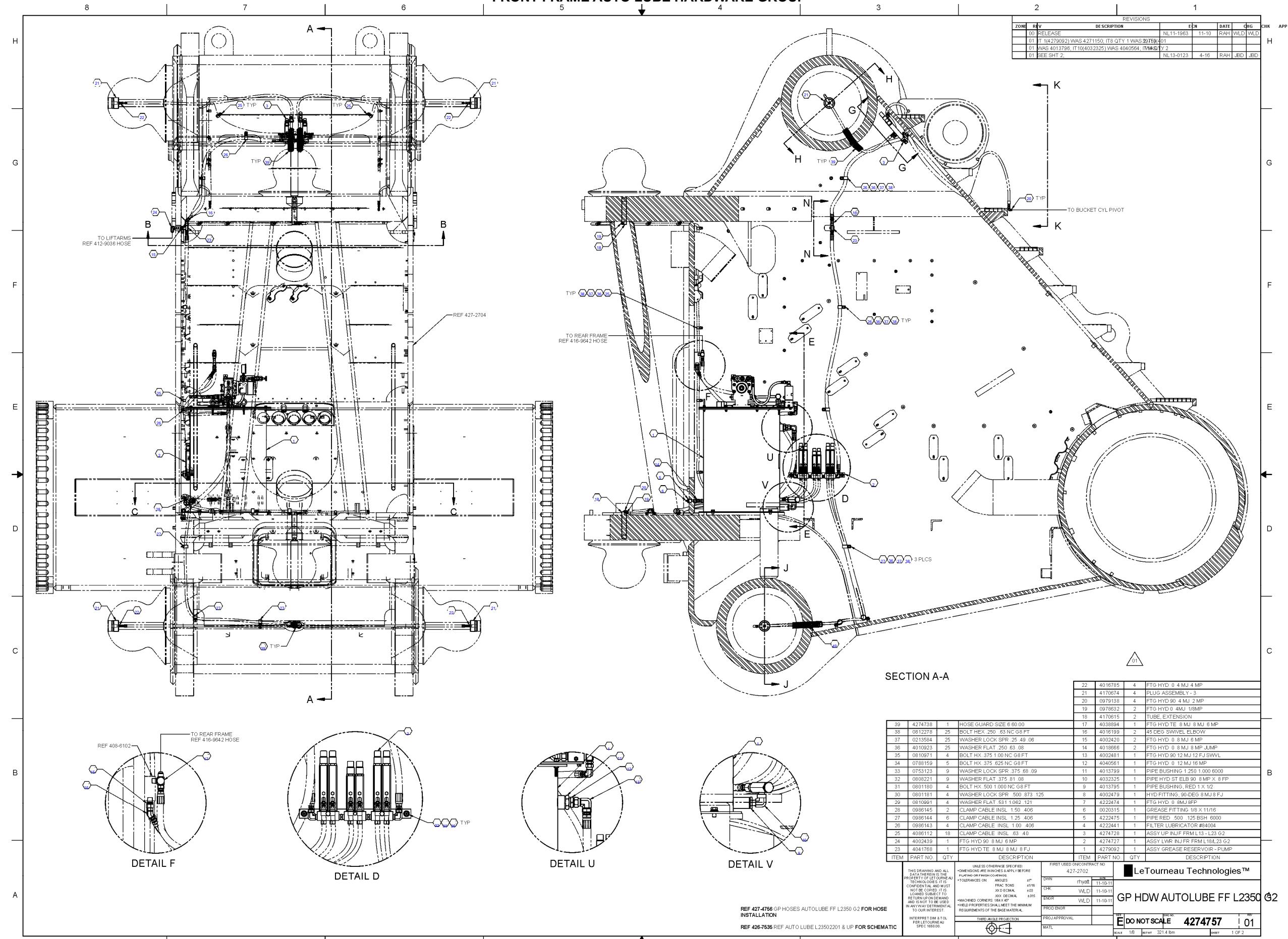
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
			LIFTING DEVICES (PL-635)		6/8/18
1	R1034320	1	LIFTING DEVICE, BUCKET CYLINDER - L-950/L-1150 ONLY		
2	R4116384	1	LIFTING EYE PLATE, ROLL BAR		
	R4009523	4	BOLT, 3/4"-10 X 1-1/2"		
3	R4188619	2	LIFT STRUCTURE, REAR FRAME - FRONT		
4	R1042684	1	LIFTING DEVICE, LIFTARM - L-1350/L-1850/L-2350 ONLY		6/8/18
5	R4294832	1	- SUPPORT TUBE STRUCTURE		6/8/18
6	R1042686	2	- LIFTING GUSSET STRUCTURE		6/8/18
7	R0021646	8	- BOLT, 3/4"-10 X 2-1/2"		6/8/18
8	R4016046	8	- FLATWASHER, 3/4" X 1-1/2" X 1/8"		6/8/18
9	R0021542	8	- LOCKWASHER, 3/4" X 1-1/4" X 3/16"		6/8/18
10	R0021527	8	- NUT, 3/4"-10		6/8/18
11	R4294831	2	- PIPE, 4" I.D. X 15" - PLASTIC		6/8/18

**L-2350-2242 PARTS MANUAL
LIFTING DEVICES**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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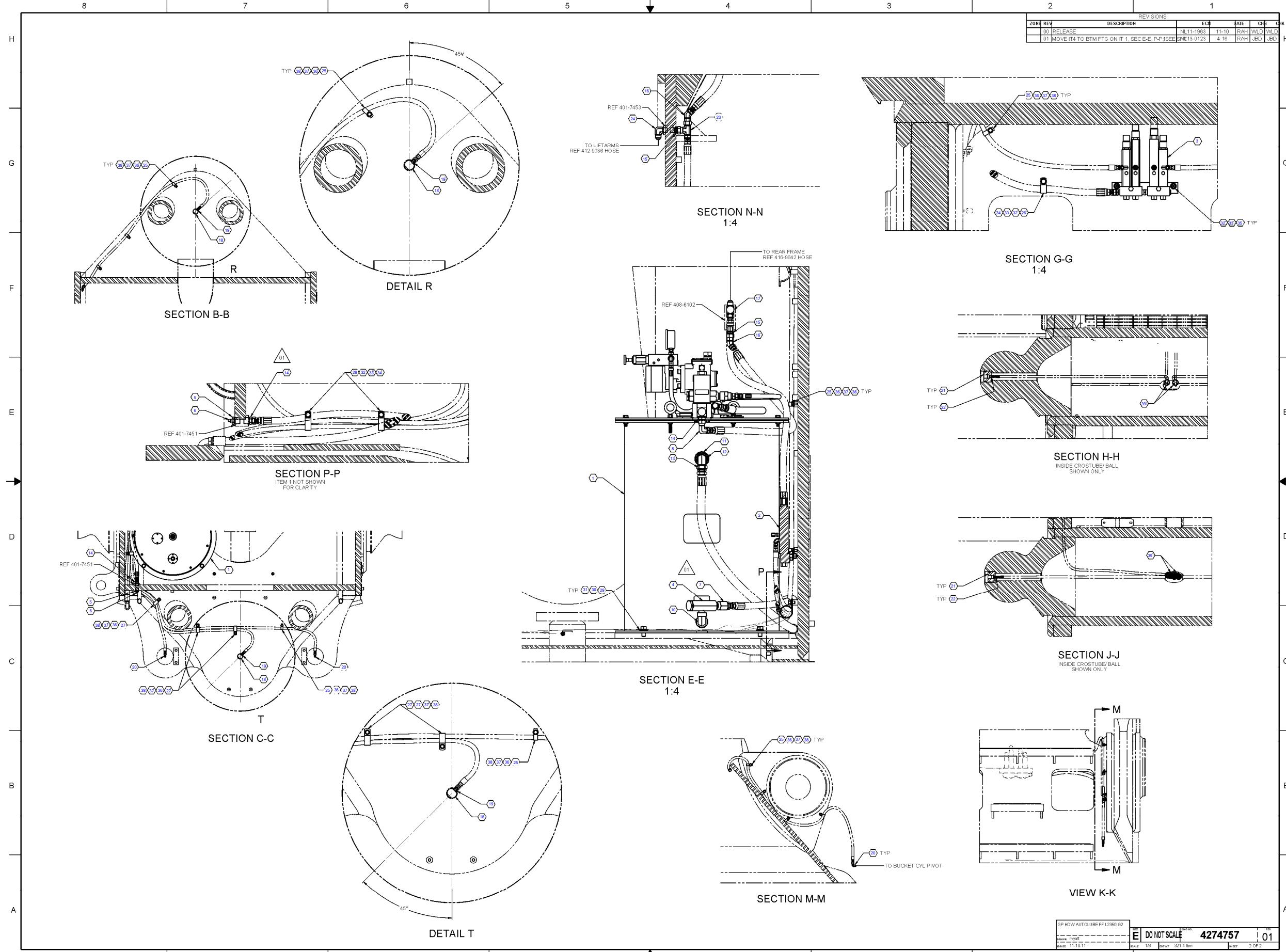
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FRONT FRAME AUTO LUBE HARDWARE GROUP



FRONT FRAME AUTO LUBE HARDWARE GROUP

FRONT FRAME AUTO LUBE HARDWARE GROUP



FRONT FRAME AUTO LUBE HARDWARE GROUP

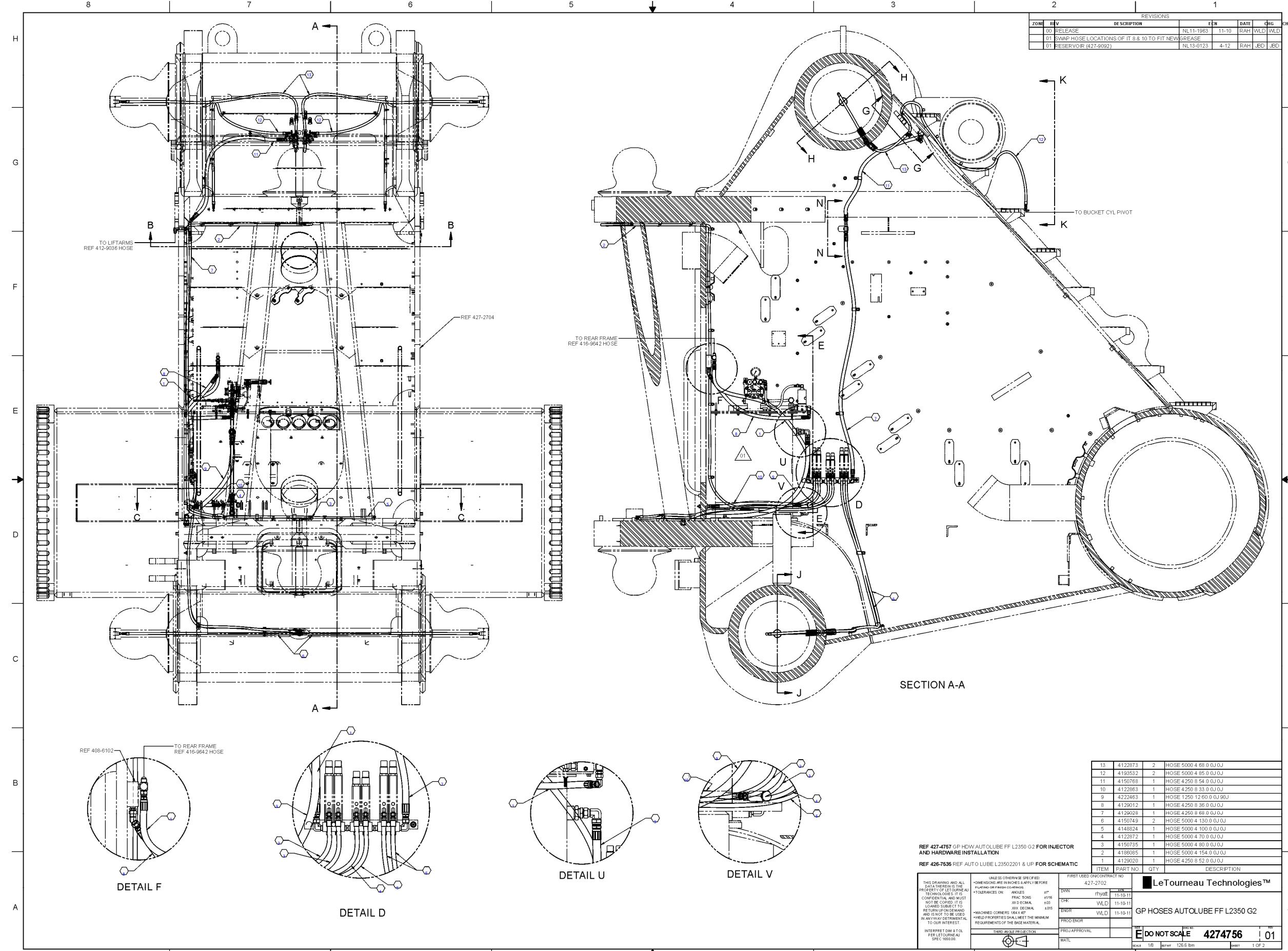
L-2350-2242 PARTS MANUAL
FRONT FRAME AUTO LUBE HARDWARE GROUP

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274757		FRONT FRAME AUTO LUBE HARDWARE GROUP		11/14/17
1	R4279092	1	· AUTO LUBE GREASE RESERVOIR AND PUMP ASSEMBLY (PAGE 9.3-9.3E)		11/14/17
2	R4274727	1	· INJECTOR ASSEMBLY, FRONT FRAME - LOWER		
	R4271145	1	· · INJECTOR, 2-UNIT - SL-V		
	R4270869	1	· · · CAP, PROTECTIVE - SHORT		
	R4270902	1	· · · INJECTOR, SL-V		
	R4273348	2	· · · INJECTOR, 2-UNIT - SL-V-XL		
	R4270870	2	· · · CAP, PROTECTIVE - LONG		
	R4270903	2	· · · INJECTOR, SL-V-XL		
3	R4274728	1	· INJECTOR ASSEMBLY, FRONT FRAME - UPPER		
	R4271146	1	· · INJECTOR, 2-UNIT - SL-V SL-V-XL		
	R4270869	1	· · · CAP, PROTECTIVE - SHORT		
	R4270870	1	· · · CAP, PROTECTIVE - LONG		
	R4270902	1	· · · INJECTOR, SL-V		
	R4270903	1	· · · INJECTOR, SL-V-XL		
	R4270906	1	· · INJECTOR, 2-UNIT - SL-V SL-V-XL		
	R4270869	1	· · · CAP, PROTECTIVE - SHORT		
	R4270870	1	· · · CAP, PROTECTIVE - LONG		
	R4270902	1	· · · INJECTOR, SL-V		
	R4270903	1	· · · INJECTOR, SL-V-XL		
4	R4222441	1	· FILTER, LUBRICANT		
	R4267468	1	· · ELEMENT, FILTER		
	R4267469	1	· · GASKET		
5	R4222475	1	· BUSHING, 1/8" FP X 1/2" MP		
6	R0020315	1	· FITTING, GREASE - 1/8" MP		
7	R4222474	1	· ADAPTER, 1/2" FP X #8 MJ		
8	R4002479	1	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		
9	R4013795	1	· BUSHING, 1/2" FP X 1" MP		
10	R4032325	1	· ELBOW, 1/2" FP X 90 deg. X 1/2" MP		
11	R4013799	1	· REDUCER, 1" FP X 1-1/4" MP		
12	R4040561	1	· ADAPTER, 1" MP X #12 MJ		
13	R4002481	1	· ELBOW, #12 FJ X 90 deg. X #12 MJ - SWIVEL		
14	R4018666	2	· ADAPTER, 1/2" MP X #8 MJ		
15	R4002420	2	· ADAPTER, 3/8" MP X #8 MJ		
16	R4016199	2	· ELBOW, #8 FJ X 45 deg. X #8 MJ - SWIVEL		
17	R4038894	1	· TEE, #8 MJ X #8 MJ X 3/8" MP		
18	R4170615	2	· TUBE, EXTENSION		
19	R0978632	2	· ADAPTER, 1/8" MP X #4 MJ		
20	R0979138	4	· ELBOW, 1/8" MP X 90 deg. X #4 MJ - SWIVEL		
21	R4170674	4	· PLUG ASSEMBLY, 3" - LIFTARM PIVOT BALL		
	R4172095	4	· · SEAL, 2-1/2" I.D.		
22	R4016785	4	· ADAPTER, 1/4" MP X #4 MJ		
23	R4041768	1	· TEE, #8 FJ X #8 MJ X #8 MJ		
24	R4002439	1	· ELBOW, 3/8" MP X 90 deg. X #8 MJ		
25	R4086112	18	· CLAMP, CABLE - INSULATED, 5/8"		
26	R0986143	4	· CLAMP, CABLE - INSULATED, 1"		
27	R0986144	6	· CLAMP, CABLE - INSULATED, 1-1/4"		
28	R0986145	2	· CLAMP, CABLE - INSULATED, 1-1/2"		
29	R0810991	4	· FLATWASHER, 1/2" X 1" X 1/8"		
30	R0801181	4	· LOCKWASHER, 1/2"		
31	R0801180	4	· BOLT, 1/2"-13 X 1"		
32	R0808221	9	· FLATWASHER, 3/8"		
33	R0753123	9	· LOCKWASHER, 3/8"		
34	R0788159	5	· BOLT, 3/8"-16 X 5/8"		
35	R0810971	4	· BOLT, 3/8"-16 X 1"		
36	R4010923	25	· FLATWASHER, 1/4"		
37	R0213584	25	· LOCKWASHER, 1/4"		

L-2350-2242 PARTS MANUAL
FRONT FRAME AUTO LUBE HARDWARE GROUP

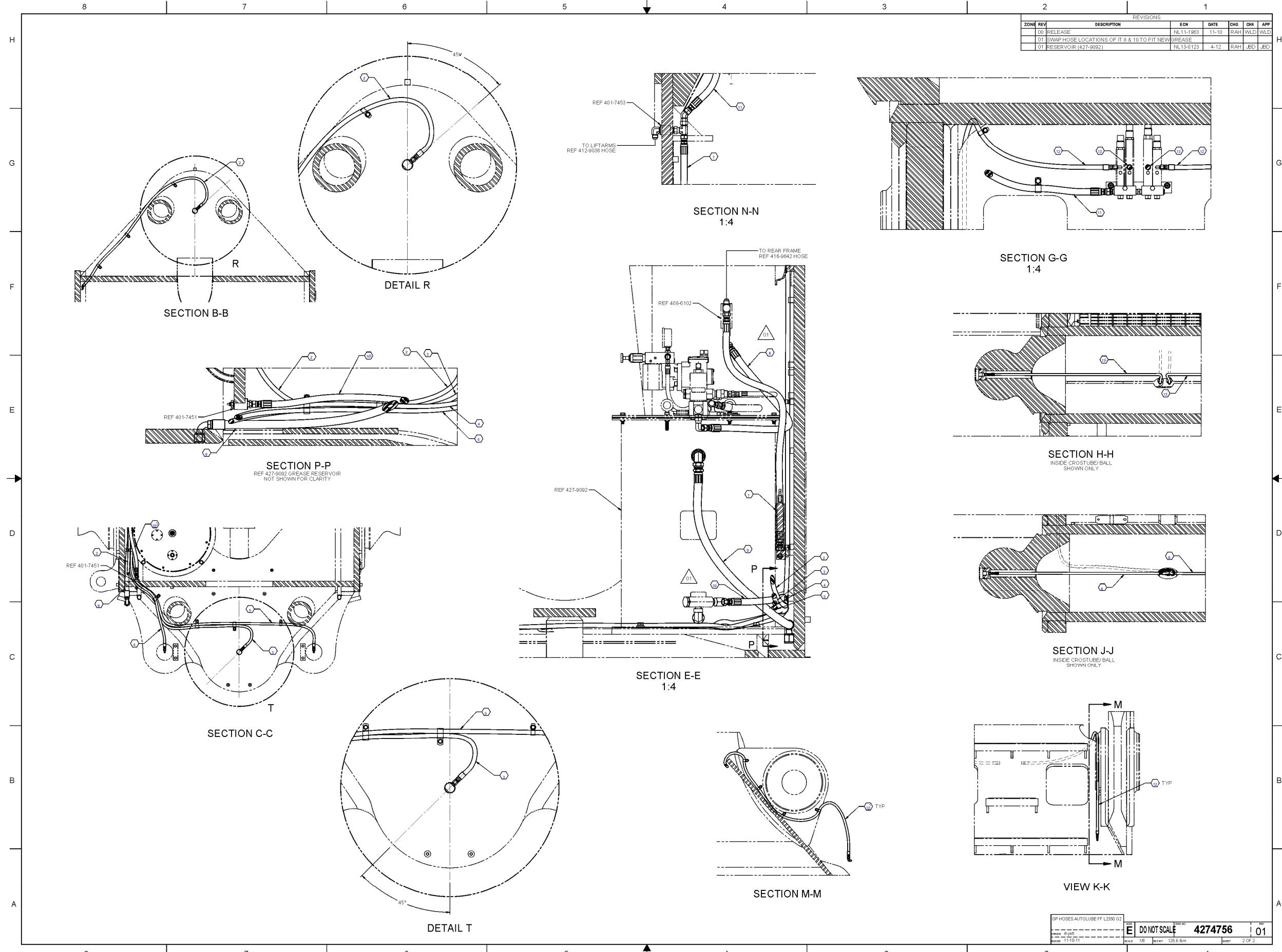
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
38	R0812278	25	· BOLT, 1/4"-20 X 5/8"		
39	R4274738	1	· HOSE GUARD, SIZE 6 X 60"		
	R4103739	AR	· SEALANT, HYDRAULIC - LOCTITE #569-31		
			DRAWING, FRONT FRAME AUTO LUBE HARDWARE GROUP (R427475701)		

FRONT FRAME AUTO LUBE HOSE GROUP



FRONT FRAME AUTO LUBE HOSE GROUP

FRONT FRAME AUTO LUBE HOSE GROUP



FRONT FRAME AUTO LUBE HOSE GROUP

L-2350-2242 PARTS MANUAL
FRONT FRAME AUTO LUBE HOSE GROUP

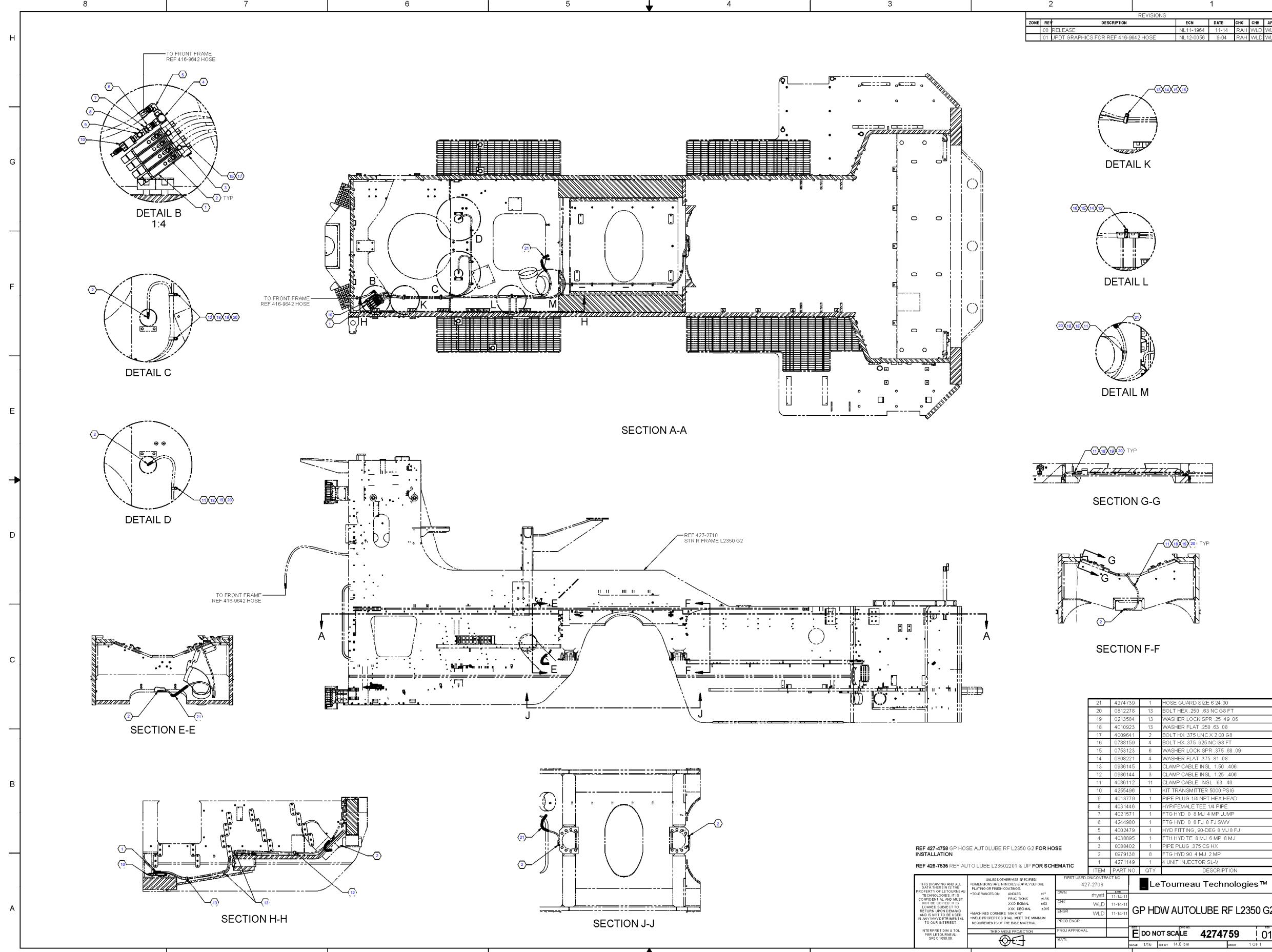
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274756		FRONT FRAME AUTO LUBE HOSE GROUP		
1	R4129020	1	· HOSE ASSEMBLY, #8 X 52"		
2	R4186085	1	· HOSE ASSEMBLY, #4 X 154"		
3	R4150735	1	· HOSE ASSEMBLY, #4 X 80"		
4	R4122872	1	· HOSE ASSEMBLY, #4 X 70"		
5	R4148824	1	· HOSE ASSEMBLY, #4 X 100"		
6	R4150749	2	· HOSE ASSEMBLY, #4 X 130"		
7	R4129028	1	· HOSE ASSEMBLY, #8 X 68"		
8	R4129012	1	· HOSE ASSEMBLY, #8 X 36"		
9	R4222463	1	· HOSE ASSEMBLY, #12 X 60"		
10	R4122863	1	· HOSE ASSEMBLY, #8 X 33"		
11	R4150768	1	· HOSE ASSEMBLY, #8 X 54"		
12	R4193532	2	· HOSE ASSEMBLY, #4 X 85"		
13	R4122873	2	· HOSE ASSEMBLY, #4 X 68"		
			DRAWING, FRONT FRAME AUTO LUBE HOSE GROUP (R427475601)		

**L-2350-2242 PARTS MANUAL
FRONT FRAME AUTO LUBE HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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REAR FRAME AUTO LUBE HARDWARE GROUP

REVISIONS							
ZONE	REV	DESCRIPTION	ECN	DATE	CHG	CHK	APL
00	RELEASE		NL11-1964	11-14	RAH	WLD	WU
01	UPDT	GRAPHICS FOR REF 416-9642 HOSE	NL12-0056	9-04	RAH	WLD	WU



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REAR FRAME AUTO LUBE HARDWARE GROUP

L-2350-2242 PARTS MANUAL
REAR FRAME AUTO LUBE HARDWARE GROUP

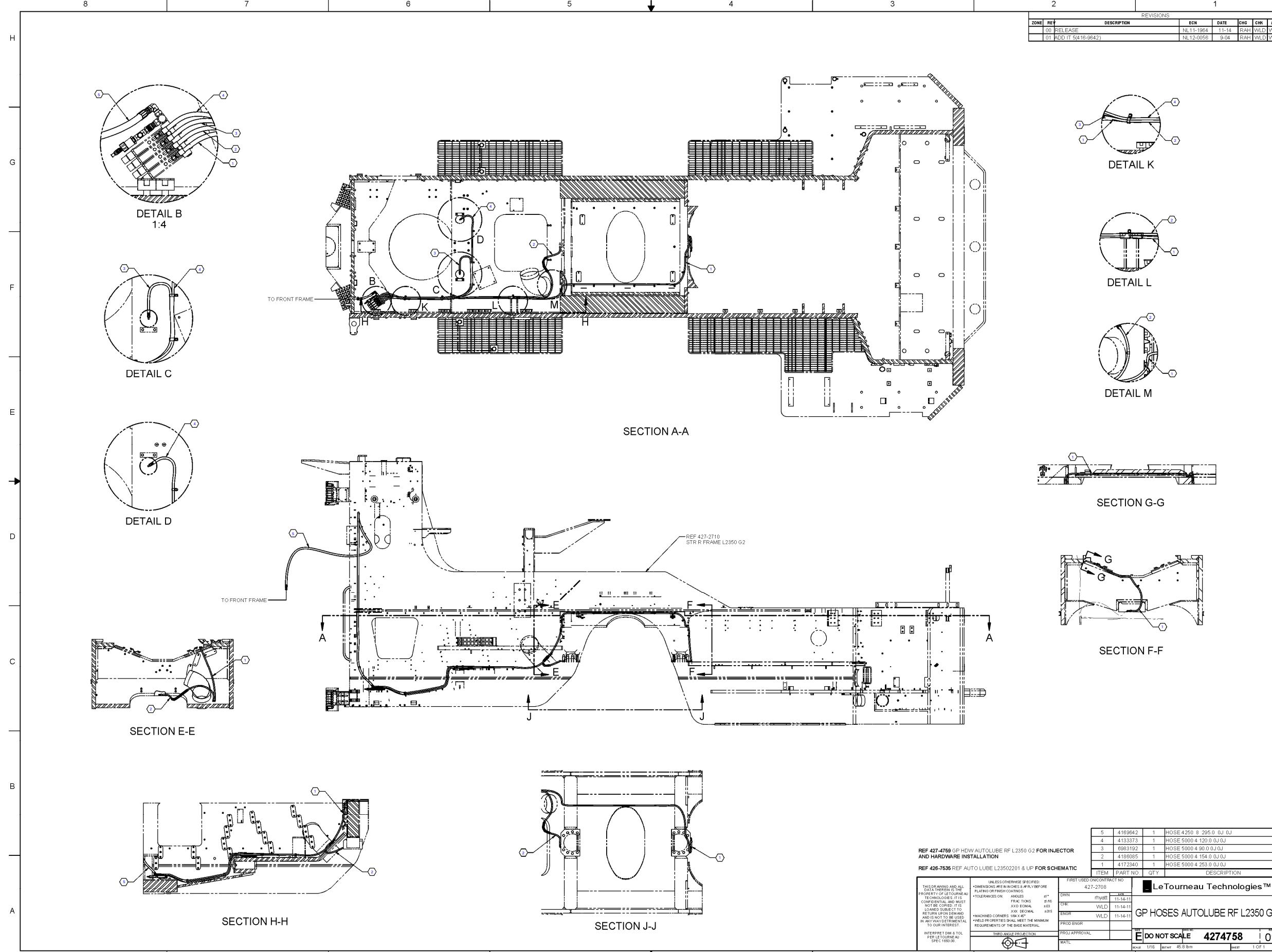
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274759	1	REAR FRAME AUTO LUBE HARDWARE GROUP		
1	R4271149	1	· INJECTOR, 4-UNIT - SL-V		
	R4270869	4	· · CAP, PROTECTIVE - SHORT		
2	R0979138	8	· ELBOW, 1/8" MP X 90 deg. X #4 MJ - SWIVEL		
3	R0088402	1	· PLUG, PIPE - 3/8", HEX CSK.		
4	R4038895	1	· TEE, #8 MJ X 3/8" MP X #8 MJ		
5	R4002479	1	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		
6	R4244980	1	· ADAPTER, #8 FJ X #8 FJ - SWIVEL		
7	R4021571	1	· ADAPTER, 1/4" MP X #8 MJ		
8	R4031446	1	· TEE, 1/4" FP		
9	R4013779	1	· PLUG, PIPE - 1/4", HEX HD.		
10	R4255496	1	· TRANSMITTER KIT, PRESSURE - 5000 PSI		
	R4255491	1	· · TRANSMITTER, PRESSURE - 0-5000 PSI		
	R4255449	1	· · CABLE ASSEMBLY, TURCK - 4-PIN 250V 0.9M		
11	R4086112	11	· CLAMP, CABLE - INSULATED, 5/8"		
12	R0986144	3	· CLAMP, CABLE - INSULATED, 1-1/4"		
13	R0986145	3	· CLAMP, CABLE - INSULATED, 1-1/2"		
14	R0808221	4	· FLATWASHER, 3/8"		
15	R0753123	6	· LOCKWASHER, 3/8"		
16	R0788159	4	· BOLT, 3/8"-16 X 5/8"		
17	R4009641	2	· BOLT, 3/8"-16 X 2"		
18	R4010923	13	· FLATWASHER, 1/4"		
19	R0213584	13	· LOCKWASHER, 1/4"		
20	R0812278	13	· BOLT, 1/4"-20 X 5/8"		
21	R4274739	1	· HOSE GUARD, SIZE 6 X 24"		
	R4103739	1	· SEALANT, HYDRAULIC - LOCTITE #569-31		
			DRAWING, REAR FRAME AUTO LUBE HARDWARE GROUP (R427475901)		

**L-2350-2242 PARTS MANUAL
REAR FRAME AUTO LUBE HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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REAR FRAME AUTO LUBE HOSE GRO

REVISIONS						
ZONE	REV	DESCRIPTION	ECN	DATE	CHG	CHK
00	RELEASE		NL11-1964	11-14	RAH	WLD
01	ADD IT 5(416-9642)		NL12-0056	9-04	RAH	WLD



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REAR FRAME AUTO LUBE HOSE GROUP

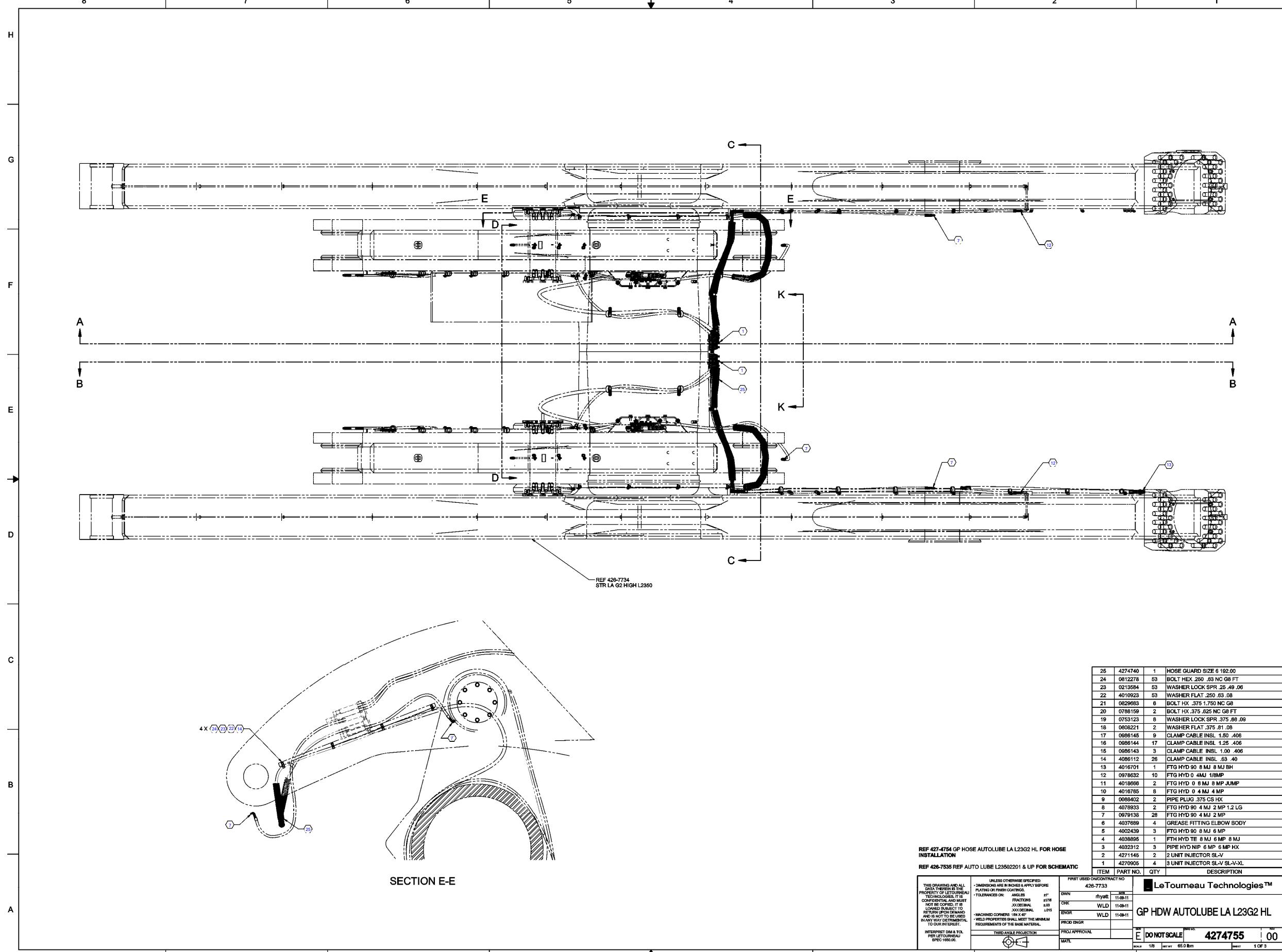
**L-2350-2242 PARTS MANUAL
REAR FRAME AUTO LUBE HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274758		REAR FRAME AUTO LUBE HOSE GROUP		
1	R4172340	1	· HOSE ASSEMBLY, #4 X 253"		
2	R4186085	1	· HOSE ASSEMBLY, #4 X 154"		
3	R6983192	1	· HOSE ASSEMBLY, #4 X 90"		
4	R4133373	1	· HOSE ASSEMBLY, #4 X 120"		
5	R4169642	1	· HOSE ASSEMBLY, #8 X 295"		
			DRAWING, REAR FRAME AUTO LUBE HOSE GROUP (R427475801)		

**L-2350-2242 PARTS MANUAL
REAR FRAME AUTO LUBE HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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LIFTARM AUTO LUBE HARDWARE GROUP



LIFTARM AUTO LUBE HARDWARE GROUP

LIFTARM AUTO LUBE HARDWARE GROUP

This technical drawing illustrates a complex mechanical assembly, likely a bucket lift system, with two primary cross-sectional views: SECTION A-A and SECTION B-B.

SECTION A-A: This view shows a large circular gear at the bottom center. Various mechanical components are connected to it, including a bellcrank/bucket cylinder joint, a hoist ear pivot, and level link and bellcrank joints. A detailed callout labeled "DETAIL K" provides a 1:4 scale view of a specific mirror component on both sides. Other labels include "TO LEVEL LINK AND BUCKET JOINT", "TO BELLCRANK/BUCKET CYLINDER JOINT", "TO HOIST EAR PIVOT", and "TYP".

SECTION B-B: This view shows another cross-section of the assembly, featuring a large circular gear and various connecting rods and joints. Labels include "REF 411-9459", "REF 403-9855", "TO FRONT FRAME", "TO HOIST EAR PIVOT", "TO LEVEL LINK AND BUCKET JOINT", and "TO LEVEL LINK AND BELLCRANK JOINT". A label "K" points to a specific area near the top center of the section.

Callouts and Labels:

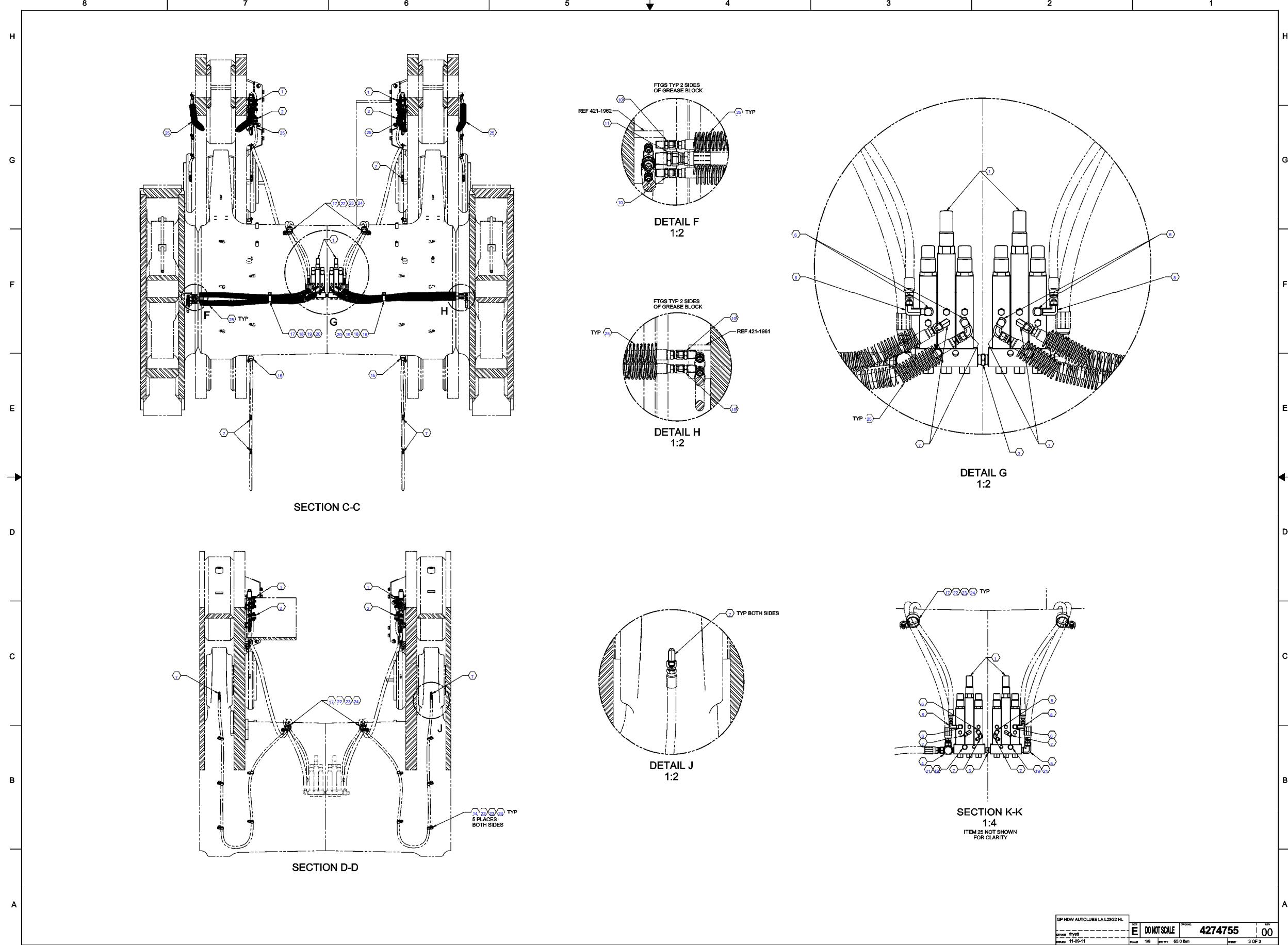
- DETAIL K:** A detailed view showing a 1:4 scale of a mirror component on both sides.
- SECTION A-A:** A cross-sectional view showing a large gear and various joints.
- SECTION B-B:** Another cross-sectional view showing a large gear and various joints.
- TO LEVEL LINK AND BUCKET JOINT**
- TO BELLCRANK/BUCKET CYLINDER JOINT**
- TO HOIST EAR PIVOT**
- TYP** (Typical)
- REF 411-9459**
- REF 403-9855**
- 4 X 24 23 22 17**
- 3 X 24 23 22 15**
- 4 X 12**
- X5**
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9.3E.1|R4274755

LIFTARM AUTO LUBE HARDWARE GROUP

LIFTARM AUTO LUBE HARDWARE GROUP



LIFTARM AUTO LUBE HARDWARE GROUP

L-2350-2242 PARTS MANUAL
LIFTARM AUTO LUBE HARDWARE GROUP

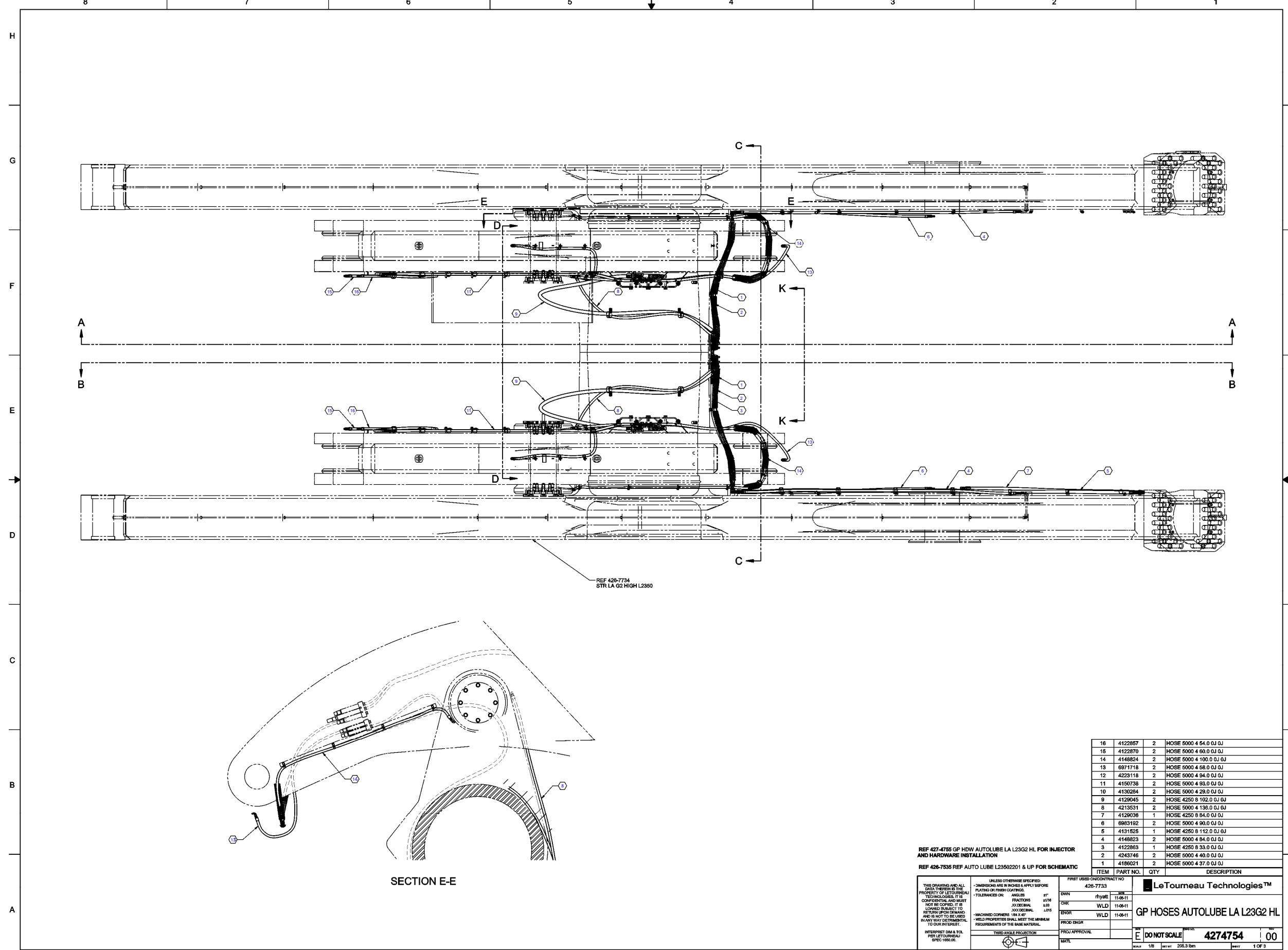
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274755		LIFTARM AUTO LUBE HARDWARE GROUP		
1	R4270905	4	· INJECTOR, 3-UNIT - SL-V SL-V-XL		
2	R4271145	2	· INJECTOR, 2-UNIT - SL-V		
3	R4032312	3	· NIPPLE, PIPE - 3/8", HEX		
4	R4038895	1	· TEE, #8 MJ X 3/8" MP X #8 MJ		
5	R4002439	3	· ELBOW, 3/8" MP X 90 deg. X #8 MJ		
6	R4037689	4	· ELBOW, 1/8" MP X 90 deg. X #1/8" MP		
7	R0979138	28	· ELBOW, 1/8" MP X 90 deg. X #4 MJ - SWIVEL		
8	R4078933	2	· ELBOW, 1/8" MP X 90 deg. X #4 MJ X 1-3/16"		
9	R0088402	2	· PLUG, PIPE - 3/8", HEX CSK.		
10	R4016785	8	· ADAPTER, 1/4" MP X #4 MJ		
11	R4018666	2	· ADAPTER, 1/2" MP X #8 MJ		
12	R0978632	10	· ADAPTER, 1/8" MP X #4 MJ		
13	R4016701	1	· ELBOW, #8 MJ X 90 deg. X #8 MJ - BULKHEAD		
14	R4086112	26	· CLAMP, CABLE - INSULATED, 5/8"		
15	R0986143	3	· CLAMP, CABLE - INSULATED, 1"		
16	R0986144	17	· CLAMP, CABLE - INSULATED, 1-1/4"		
17	R0986145	9	· CLAMP, CABLE - INSULATED, 1-1/2"		
18	R0808221	2	· FLATWASHER, 3/8"		
19	R0753123	8	· LOCKWASHER, 3/8"		
20	R0788159	2	· BOLT, 3/8"-16 X 5/8"		
21	R0829683	6	· BOLT, 3/8"-16 X 1-3/4"		
22	R4010923	53	· FLATWASHER, 1/4"		
23	R0213584	53	· LOCKWASHER, 1/4"		
24	R0812278	53	· BOLT, 1/4"-20 X 5/8"		
25	R4274740	1	· HOSE GUARD, #6 X 192"		
			DRAWING, LIFTARM AUTO LUBE HARDWARE GROUP (R427475500)		

**L-2350-2242 PARTS MANUAL
LIFTARM AUTO LUBE HARDWARE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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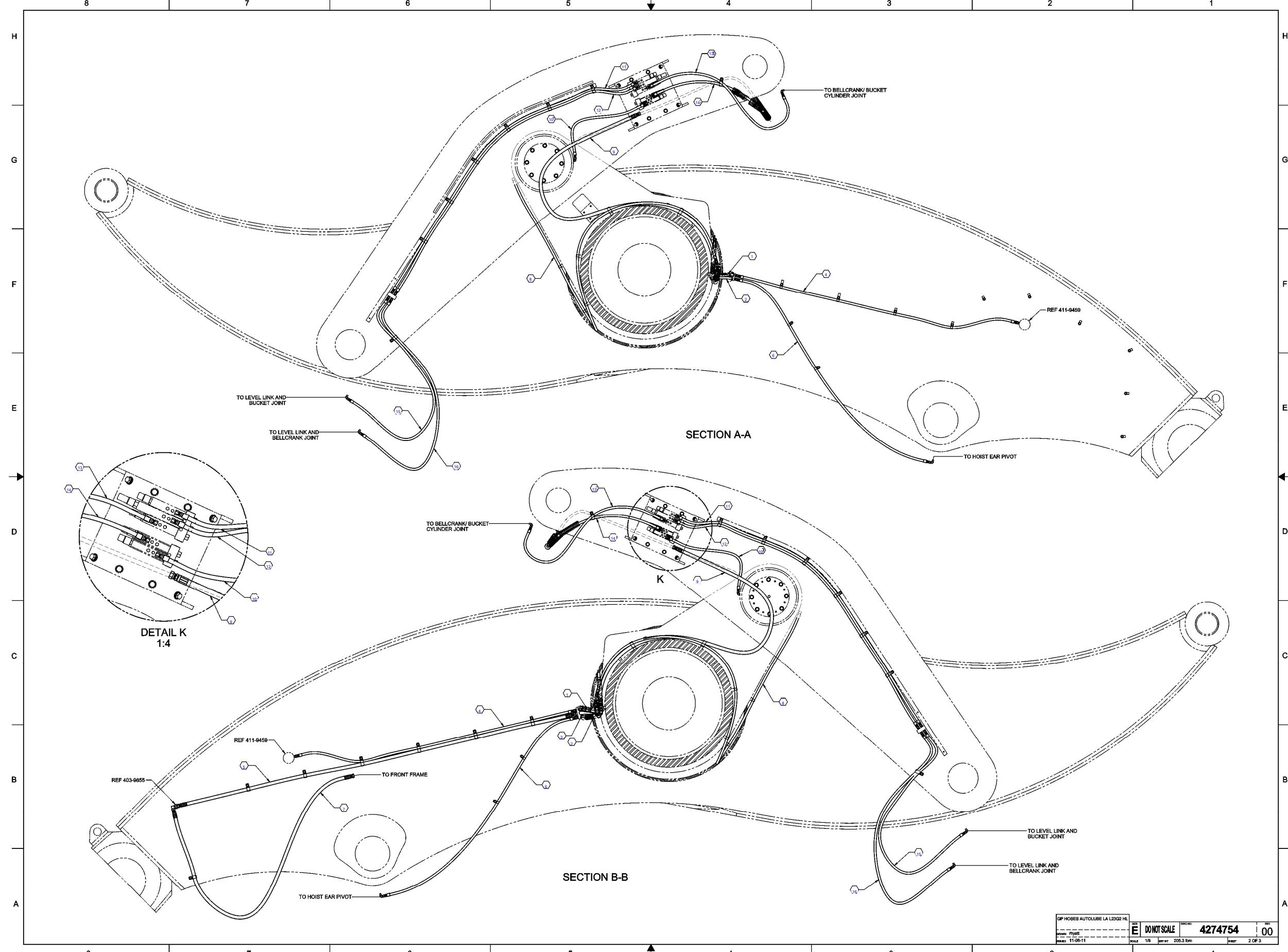
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LIFTARM AUTO LUBE HOSE GROUP



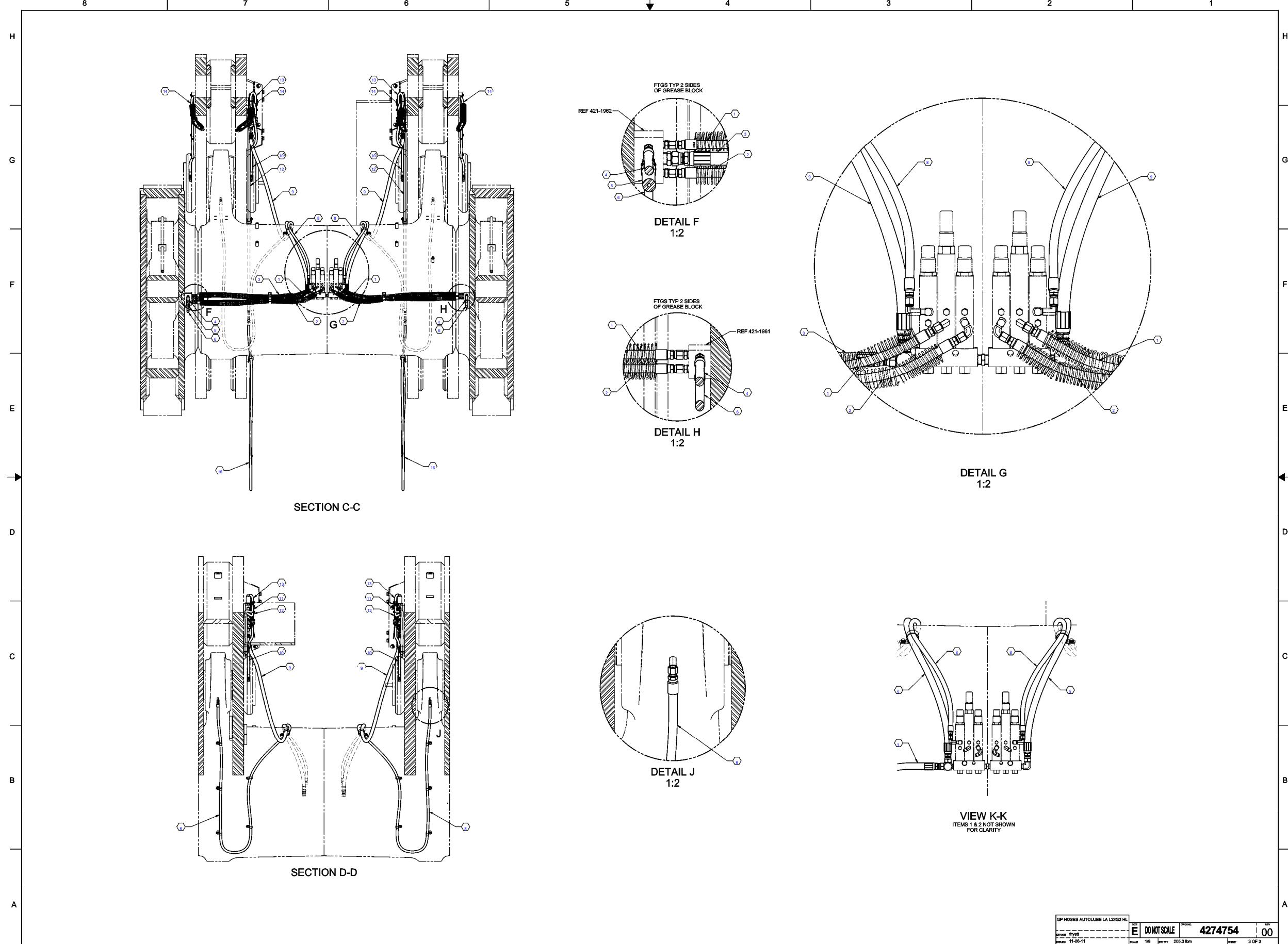
LIFTARM AUTO LUBE HOSE GROUP

LIFTARM AUTO LUBE HOSE GROUP



LIFTARM AUTO LUBE HOSE GROUP

LIFTARM AUTO LUBE HOSE GROUP



LIFTARM AUTO LUBE HOSE GROUP

**L-2350-2242 PARTS MANUAL
LIFTARM AUTO LUBE HOSE GROUP**

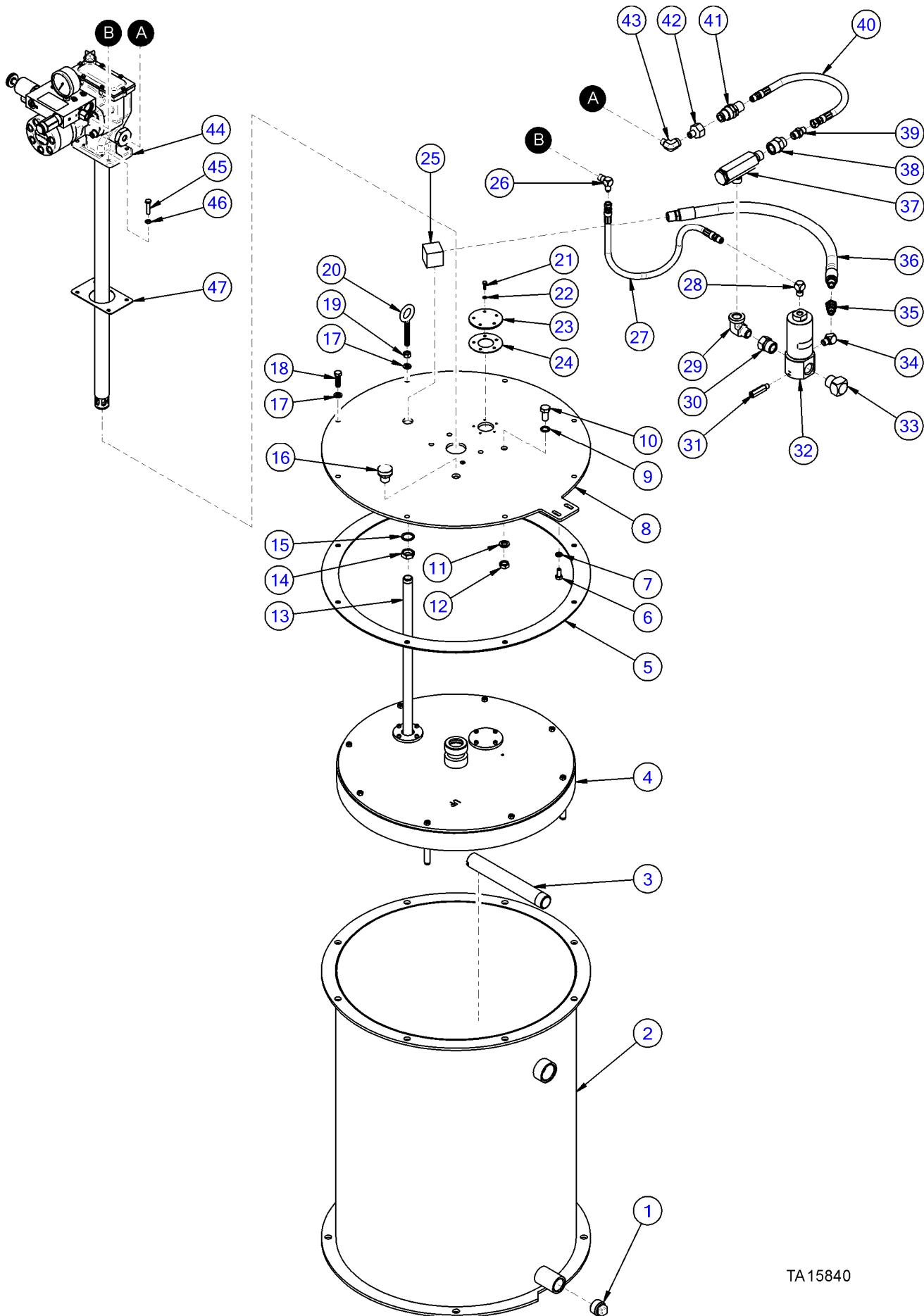
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274754		LIFTARM AUTO LUBE HOSE GROUP		
1	R4186021	2	· HOSE ASSEMBLY, #4 X 37"		
2	R4243746	2	· HOSE ASSEMBLY, #4 X 40"		
3	R4122863	1	· HOSE ASSEMBLY, #8 X 33"		
4	R4148823	2	· HOSE ASSEMBLY, #4 X 84"		
5	R4131525	1	· HOSE ASSEMBLY, #8 X 112"		
6	R6983192	2	· HOSE ASSEMBLY, #4 X 90"		
7	R4129036	1	· HOSE ASSEMBLY, #8 X 84"		
8	R4213531	2	· HOSE ASSEMBLY, #4 X 136"		
9	R4129045	2	· HOSE ASSEMBLY, #8 X 102"		
10	R4130284	2	· HOSE ASSEMBLY, #4 X 29"		
11	R4150738	2	· HOSE ASSEMBLY, #4 X 93"		
12	R4223118	2	· HOSE ASSEMBLY, #4 X 94"		
13	R6971718	2	· HOSE ASSEMBLY, #4 X 58"		
14	R4148824	2	· HOSE ASSEMBLY, #4 X 100"		
15	R4122870	2	· HOSE ASSEMBLY, #4 X 60"		
16	R4122857	2	· HOSE ASSEMBLY, #4 X 54"		
			DRAWING, LIFTARM AUTO LUBE HOSE GROUP (R427475400)		

**L-2350-2242 PARTS MANUAL
LIFTARM AUTO LUBE HOSE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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AUTO LUBE GREASE RESERVOIR AND PUMP ASSEMBLY



TA 15840

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AUTO LUBE GREASE RESERVOIR AND PUMP ASSEMBLY

L-2350-2242 PARTS MANUAL
AUTO LUBE GREASE RESERVOIR AND PUMP ASSEMBLY

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4279092		AUTO LUBE GREASE RESERVOIR AND PUMP ASSEMBLY		8/18/14
1	R4223340	1	· PLUG, PIPE - 1", HEX HD.		
2	R4275749	1	· CONTAINER ASSEMBLY		
3	R4275750	1	· TUBE, EXTENSION		
4	R4275756	1	· FOLLOWER ASSEMBLY		
5	R4275748	1	· GASKET		
6	R0988144	2	· BOLT, 5/16"-18 X 3/4"		
7	R0264174	2	· LOCKWASHER, 5/16"		
8	R4279095	1	· COVER, DRUM		
9	R4275742	2	· GASKET		
10	R0836043	1	· BOLT, 1/2"-13 X 1"		
11	R0801181	1	· LOCKWASHER, 1/2"		
12	R4012946	1	· JAMNUT, 1/2"-20		
13	R4275755	1	· TUBE, VENT		
14	R4275753	1	· NUT		
15	R4275752	1	· GASKET		
16	R4275745	1	· FITTING, VENT		
17	R0753123	8	· LOCKWASHER, 3/8"		
18	R0808476	6	· BOLT, 3/8"-16 X 1-1/4"		
19	R0812921	2	· NUT, 3/8"-16		
20	R4279097	2	· BOLT, EYE - 3/8-16 X 2-12"		
21	R4012424	5	· BOLT, #10-27 X 5/8"		
22	R4010907	5	· LOCKWASHER, #10		
23	N.P.N.	1	· COVER		
24	R4278341	1	· GASKET		
25	R4275751	1	· ELBOW, VENT		
26	R4275743	1	· ELBOW		
27	R4275744	1	· HOSE		
28	R4275746	1	· ELBOW		
29	R4279102	1	· ELBOW		
30	R4275737	1	· ADAPTER		
31	R4163567	1	· VALVE, PRESSURE RELIEF - 5000 PSI		8/18/14
32	R4244902	1	· VALVE ASSEMBLY, VENT		
	R4278349	1	· · CYLINDER		
	R4278350	1	· · PISTON		
	R4278351	1	· · NEEDLE		
	R4278352	1	· · PACKING ASSEMBLY, VITON		
	R4278353	1	· · SEAT, VALVE		
	R4278354	1	· · GASKET, CHECK SEAT		
	R4278355	1	· · VALVE BODY		
33	R4275738	1	· ELBOW		
34	R4275739	1	· ELBOW, 45 deg.		
35	R4279098	1	· REDUCER		
36	R4275740	1	· HOSE, VENT		
37	R4222441	1	· FILTER		
	R4267468	1	· · ELEMENT, FILTER		
	R4267469	1	· · GASKET		
38	R4275736	1	· REDUCER		
39	R4275734	1	· REDUCER NIPPLE		
40	R4279096	1	· HOSE		
41	R4275732	1	· VALVE, CHECK - OUTLET		
	R4275742	1	· · GASKET		
	R4278343	1	· · BUSHING, CHECK VALVE		
	R4278344	1	· · DISC ASSEMBLY, CHECK VALVE		
	R4278345	1	· · SEAT, CHECK BALL		
	R4278346	1	· · GASKET		
	R4278347	1	· · BALL, STEEL - 3/8"		
	R4278348	1	· · CONNECTOR, OUTLET		

L-2350-2242 PARTS MANUAL
AUTO LUBE GREASE RESERVOIR AND PUMP ASSEMBLY

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
42	R4275731	1	· ADAPTER		
43	R4279101	1	· ELBOW		
44	R4279093	1	· PUMP ASSEMBLY		
	R4270973	1	· · VALVE, FLOW CONTROL - 1.5 GPM		
	R4270974	1	· · VALVE, PRESSURE REDUCING - 325 PSI		
	R4270996	1	· · SEAL KIT, SOLENOID VALVE CARTRIDGE - NITRILE		
	R4270999	1	· · CARTRIDGE, VALVE - SOLENOID		
	R4279099	1	· · COIL, VALVE - SOLENOID		
	R4279100	1	· · SOFT PARTS KIT		
	R4271004	1	· · SEAL KIT, FLOW CONTROL VALVE - NITRILE		
	R4255099	1	· · CRANK, ECCENTRIC		
	R4255100	1	· · BEARING, BALL		
	R4255101	1	· · PIN, OUTLET		
	R4255109	1	· · GAUGE, PRESSURE		
	R4255115	1	· · PLUG, SHOVEL		
	R4255116	1	· · RING, RETAINING		
	R4255118	1	· · ORIFICE FITTING		
	R4255119	1	· · GASKET		
	R4255120	1	· · STRAINER, INLET		
	R4271005	1	· · UPPER BUSHING AND PLUNGER KIT		
	R4271006	1	· · PIVOT PIN AND ANCHOR KIT		
	R4271007	1	· · LOWER BUSHING AND PLUNGER KIT		
45	R4009612	4	· BOLT, 1/4"-20 X 1-1/4"		
46	R0213584	4	· LOCKWASHER, 1/4"		
47	R4279094	1	· GASKET		
		REF	DRAWING, GREASE RESERVOIR AND PUMP ASSEMBLY (R427909200)		

**L-2350-2242 PARTS MANUAL
COLD CLIMATE HEATING GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
1	R4279897	1	COLD CLIMATE HEATING GROUP		4/30/15
2	R4266343	1	· COLD CLIMATE ELECTRICAL GROUP		
3	R4266348	1	· · GENERAL ELECTRIC GROUP, COLD CLIMATE HEATING		
4	R4271840	1	· · · 240 VAC HEATERS BOX ASSEMBLY		
7	R4266345	1	· · BATTERY HEATER GROUP		
8	R4038052	1	· · · HEATER, BATTERY BOX		
9	R4266349	1	· · · HYDRAULIC TANK HEATER GROUP		
10	R4038051	1	· · · HEATER, HYDRAULIC TANK		
11	R4266350	1	· · · HYDRAULIC HEATER INSTALLTION GROUP		
12	R4266347	1	· · GREASE TANK HEATER GROUP		
13	R4274363	1	· · · HEATER, DRUM - 1000W		
14	R4234672	1	· · · BLANKET, INSULATING - 55 GALLONS		
15	R4266352	1	· · ELECTRICAL GROUP, ENGINE HEATING		
16	R0853460	1	· · · HEATER, ENGINE - 40002/240V		
17	R4253381	1	· · · HEATER, OIL - 1/2"		
18	R0583631	1	· · · THERMOSTAT, 25A - 120 ON/140 OFF		
19	R4062022	1	· · · JUNCTION BOX, WATER PROOF WITH COVER & GASKET		
20	R4266353	1	· · · ENGINE HEATER INSTALLATION GROUP		
21	R4265179	1	· · CONNECTOR, 125/250V 50A 3P4WIRE		
22	R4279887	1	· PLUMBING GROUP COLD CLIMATE - DD T1		
23	R6945598	2	· · NIPPLE, PIPE - 1"		
24	R4013780	1	· · PLUG, PIPE - 3/8", HEX HD.		
25	R4015753	2	· · ADAPTER, 1/2" MP X #12 MJ		
26	R4269247	2	· · ADAPTER, #12 FJ X #16 MJ		
27	R4002424	1	· · ADAPTER, 1" MP X #16 MJ		
28	R4243568	1	· · ADAPTER, 30 MM X #16 MJ		
29	R4002434	2	· · ELBOW, 1" MP X 45 deg. X #16 MJ		
30	R4002439	1	· · ELBOW, 3/8" MP X 90 deg. X #8 MJ		
31	R4261777	1	· · ELBOW, #16 MJ X 90 deg. X #16 FJ SWIVEL		
32	R4043027	1	· · TEE, #16 MJ X 1" MP X #16 MJ		
33	R4172377	2	· · HOSE ASSEMBLY, #16 X 60"		
34	R4213850	1	· · HOSE ASSEMBLY, #16 X 72"		
35	R4162422	1	· · HOSE ASSEMBLY, #16 X 96"		4/30/15

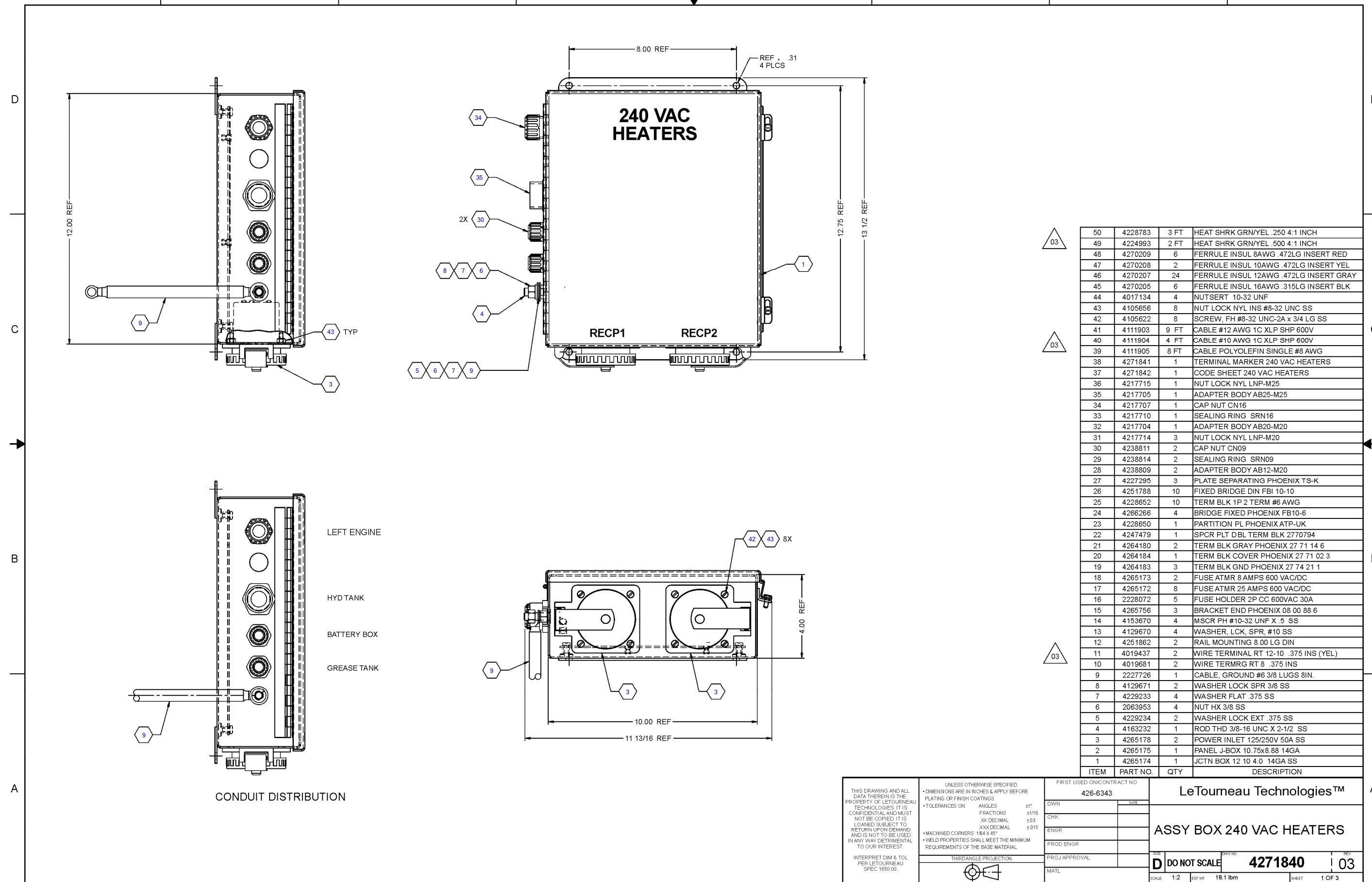
**L-2350-2242 PARTS MANUAL
COLD CLIMATE HEATING GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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240 VAC HEATERS BOX ASSEMBLY

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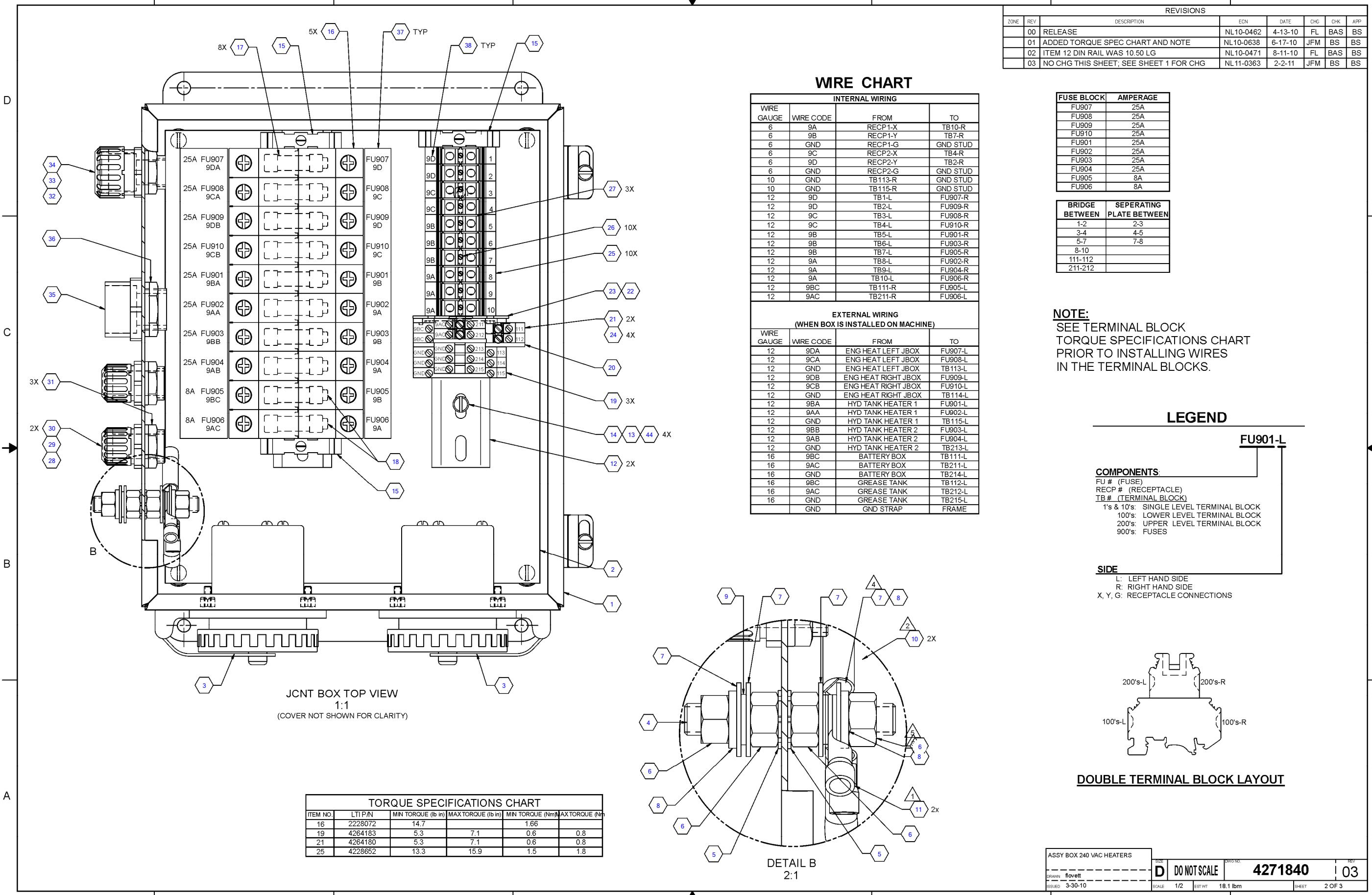
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES & APPLY BEFORE
PLATING OR FINISH COATINGS.
TOLERANCES ON ANGLES $\pm 1^\circ$
FRACTIONS $\pm 1/16$
XX DECIMAL ± 03
XXX DECIMAL ± 015
MACHINED CORNERS 1/64 X 45°
WELD PROPERTIES SHALL MEET THE MINIMUM
REQUIREMENTS OF THE BASE MATERIAL.

FIRST USED ON/CONTRACT NO
426-6343
DATE
DWN
CHK
ENGR
PROD ENGR
THIRD ANGLE PROJECTION
PROJ APPROVAL
MATL

LeTourneau Technologies™
ASSY BOX 240 VAC HEATERS
SIZE D DO NOT SCALE D/W NO 4271840 REV 03
SCALE 1:2 EST WT 18.1 lbm SHEET 1 OF 3
9.8B.1|R4271840

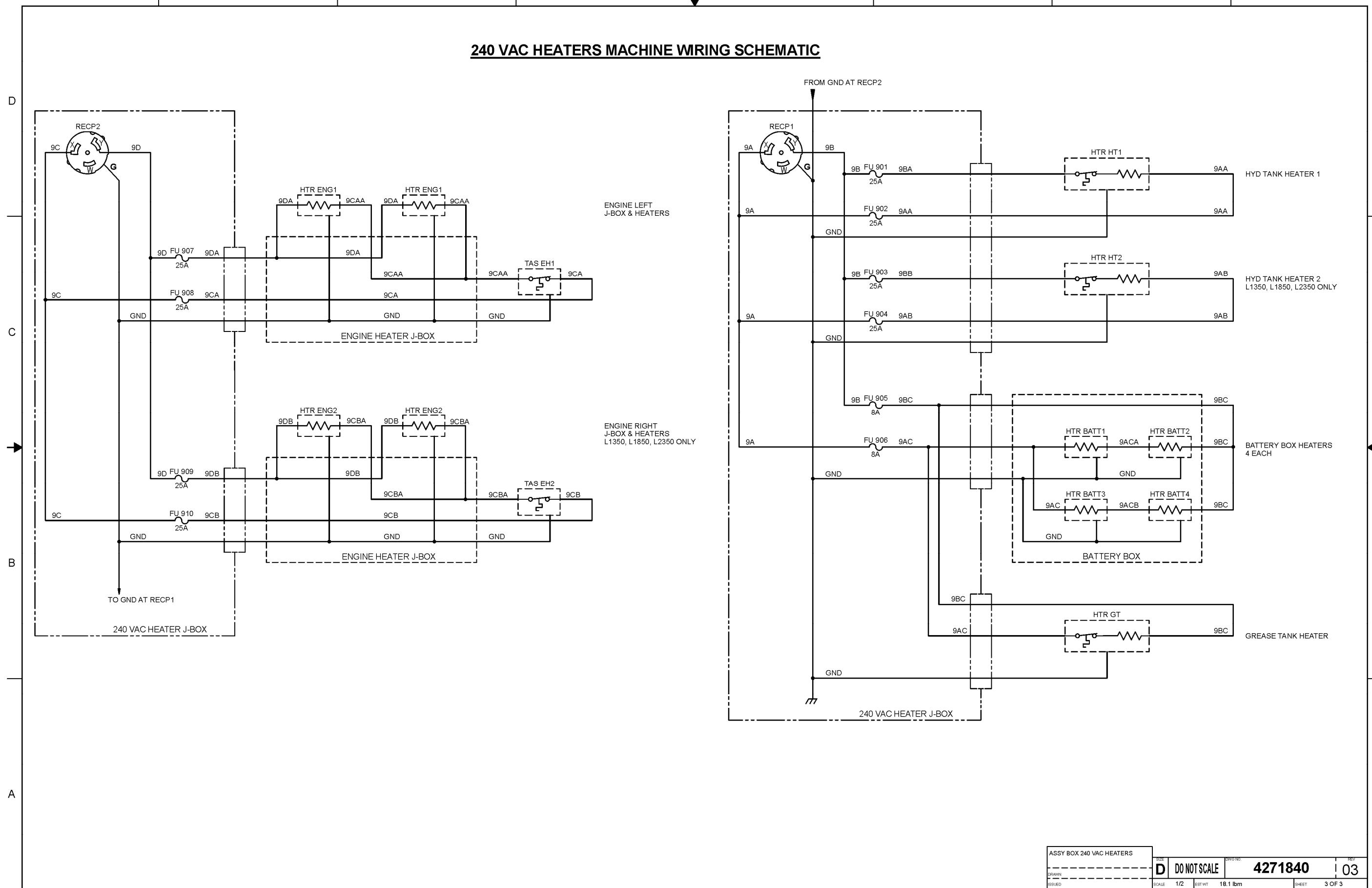
240 VAC HEATERS BOX ASSEMBLY

240 VAC HEATERS BOX ASSEMBLY



240 VAC HEATERS BOX ASSEMBLY

240 VAC HEATERS BOX ASSEMBLY



240 VAC HEATERS BOX ASSEMBLY

**L-2350-2242 PARTS MANUAL
240 VAC HEATERS BOX ASSEMBLY**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4271840		240 VAC HEATERS BOX ASSEMBLY		
1	R4265174	1	• JUNCTION BOX, S.S.		
2	R4265175	1	• PANEL, JUNCTION BOX		
3	R4265178	2	• POWER INLET, 125/250V 50A S.S.		
4	R4163232	1	• ROD, THREADED - 3/8"-16 X 2-1/2" S.S.		
5	R4229234	2	• LOCKWASHER, 3/8" - S.S.		
6	R2063953	4	• NUT, 3/8"-16 - S.S.		
7	R4229233	4	• FLATWASHER, 3/8" - S.S.		
8	R4129671	2	• LOCKWASHER, 3/8" - S.S.		
9	R2227726	1	• CABLE, GROUND #6 3/8" LUGS 8"		
10	R4019681	2	• TERMINAL, WIRE - #8 - 3/8" INS		
11	R4019437	2	• TERMINAL, WIRE - 12/10 - 3/8" INS		
12	R4251862	2	• RAIL MOUNTING, 8" DIN		
13	R4129670	4	• LOCKWASHER, #10		
14	R4153670	4	• SCREW, #10-32 X 1/2" - S.S.		
15	R4265756	3	• BRACKET END		
16	R2228072	5	• FUSE HOLDER, 2P CC 600VAC 30A		
17	R4265172	8	• FUSE, 25A 600V		
18	R4265173	2	• FUSE, 8A 600V		
19	R4264183	3	• TERMINAL BLOCK, GROUND		
20	R4264184	1	• TERMINAL BLOCK, COVER		
21	R4264180	2	• TERMINAL BLOCK, GRAY		
22	R4247479	1	• SPACER PLATE, GRAY		
23	R4228650	1	• PARTITION PLATE		
24	R4266266	4	• BRIDGE, FIXED		
25	R4228652	10	• TERMINAL BLOCK, 2 TERM.		
26	R4251788	10	• BRIDGE, FIXED		
27	R4227295	3	• PLATE, SEPARATING - TS-K		
28	R4238809	2	• ADAPTER BODY AB12-M20		
29	R4238814	2	• RING, SEALING - SRN09		
30	R4238811	2	• NUT, CAP - CN09		
31	R4217714	3	• LOCKNUT, NYLON - LNP-M20		
32	R4217704	1	• ADAPTER BODY		
33	R4217710	1	• RING, SEALING - SRN16		
34	R4217707	1	• NUT, CAP - CN16		
35	R4217705	1	• ADAPTER BODY		
36	R4217715	1	• LOCKNUT, NYLON - LNP-M25		
37	R4271842	1	• CODE SHEET, 240 VAC HEATERS		
38	R4271841	1	• MARKER, TERMINAL - 240 VAC HEATERS		
39	R4111905	8	• CABLE, #8 AWG 2000V		
40	R4111904	4	• CABLE, #10 AWG 2000V		
41	R4111903	9	• CABLE, #12 AWG 2000V		
42	R4105622	8	• SCREW, #8-32 X 3/4" - S.S.		
43	R4105656	8	• LOCKNUT, #8-32 - S.S., NYLON		
44	R4017134	4	• NUTSERT, #10-32		
45	R4270205	6	• FERRULE, INSULATED - 16 AWG .315LG BLACK		
46	R4270207	24	• FERRULE, 12 AWG - GRAY		
47	R4270208	2	• FERRULE, 10 AWG - YELLOW		
48	R4270209	6	• FERRULE, 8 AWG - RED		
49	R4224993	2	• HEAT SHRINK, GREEN/YELLOW - 1/2"		
50	R4228783	3	• HEAT SHRINK, GREEN/YELLOW - 1/4"		
	R4271840	REF	240 VAC HEATERS BOX ASSEMBLY		

**L-2350-2242 PARTS MANUAL
STANDARD CLIMATE FLUIDS GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
	R4239410			STANDARD CLIMATE FLUIDS GROUP		
1	R4271107	120	LB.	· GREASE, ARCTIC MOLY - 400 LB DRUM		5/21/10
2	R4119571	6	GL.	· OIL, GEAR - SCHAEFFER, #167		5/21/10
3	R4123226	600	GL.	· OIL, HYDRAULIC - MOBIL #424		4/30/09
4	R4224613	160	GL.	· LUBE, MOBILEGEAR SCH 460		
5	R4148924	160	GL.	· OIL, GEAR - SAE 80W-140		
6	R4239357	120	GL.	· ANTIFREEZE, PERMANENT		4/30/09
7	R4239360	65	GL.	· OIL, ENGINE - DELVAC 1300 SUPER		4/30/09
8	R4264947	1		· OIL, SYNTHETIC - 75W 90, ROYAL PURPLE MAX-GEAR		4/30/09

**L-2350-2242 PARTS MANUAL
STANDARD CLIMATE FLUIDS GROUP**

Item No.	Part Number	Qty.	Units	Part Name	Sugg. Qty.	Rev Date
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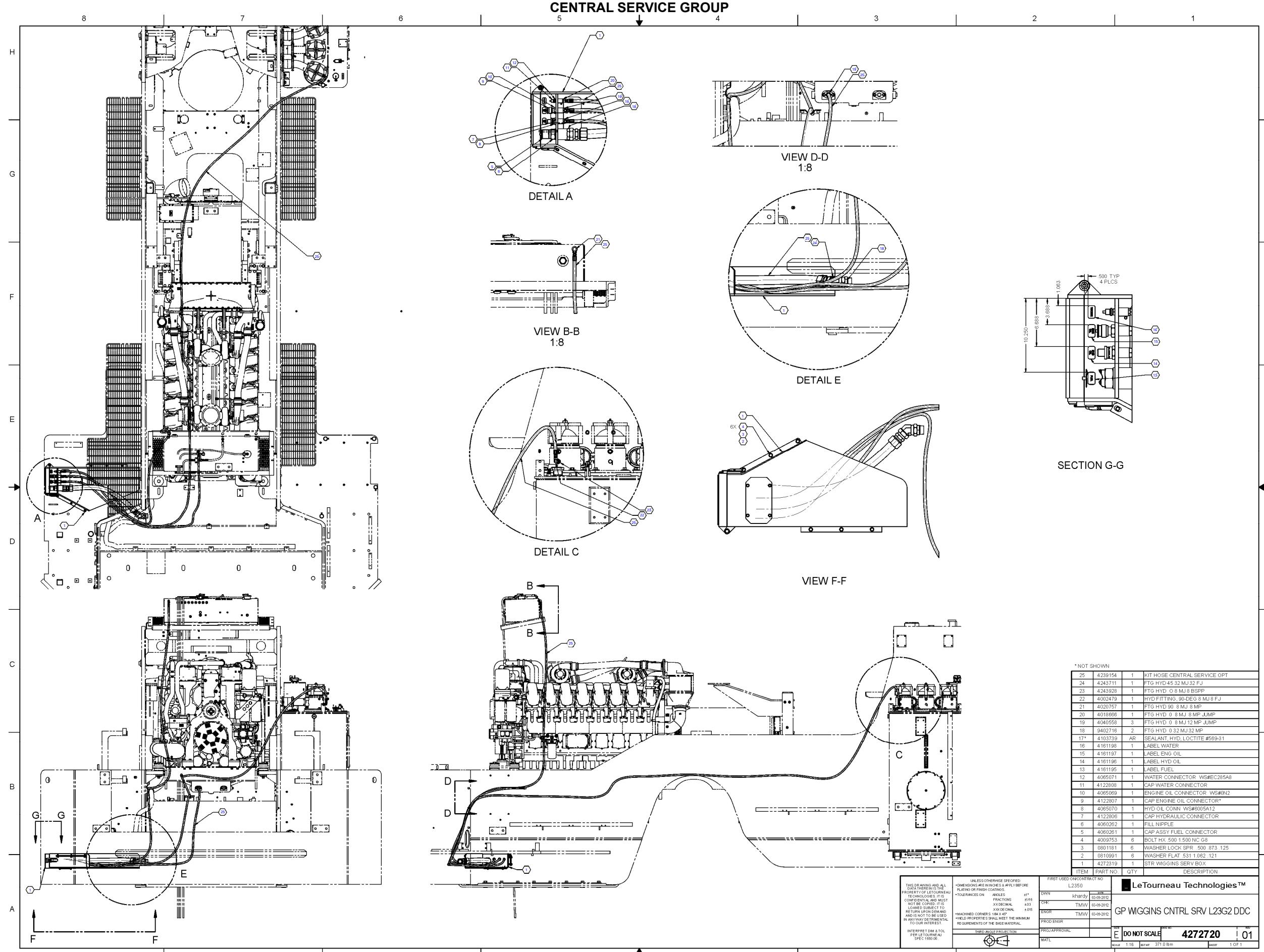
**L-2350-2242 PARTS MANUAL
FLUID SAMPLING KIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4172015		FLUID SAMPLING KIT		6/2/07
1	R4013788	1	· BUSHING, 1/4" FP X 1/2" MP		6/2/07
2	R4163972	3	· VALVE, FLUID SAMPLING		4/7/99
3	R4012912	1	· ELBOW, 1/4" FP X 90 deg. X 1/4" FP		5/17/05
4	R4243646	1	· ADAPTER, #4 FP X 14 MM		5/17/05

**L-2350-2242 PARTS MANUAL
FLUID SAMPLING KIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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**L-2350-2242 PARTS MANUAL
CENTRAL SERVICE GROUP**

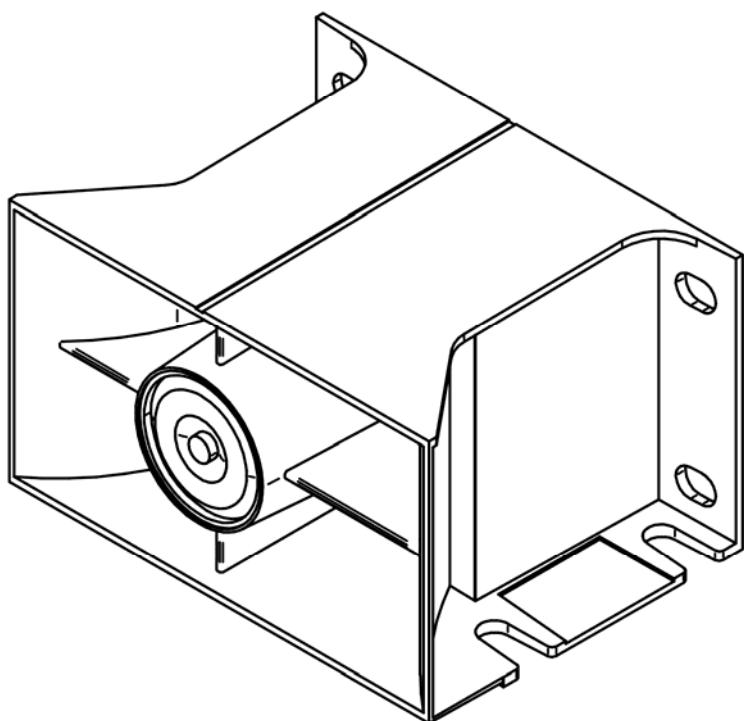
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4272720		CENTRAL SERVICE GROUP		8/4/17
1	R4272319	1	· BOX STRUCTURE, SERVICE		
	R4031162	1	· · LATCH ASSEMBLY		
2	R0810991	6	· FLATWASHER, 1/2" X 1" X 1/8"		
3	R0801181	6	· LOCKWASHER, 1/2"		
4	R4009753	6	· BOLT, 1/2"-13 X 1-1/2"		
5	R4060261	1	· CAP, WIGGINS ZC20		
6	R4060262	1	· NIPPLE, FILL		
7	R4122806	1	· CAP, HYDRAULIC		
8	R4065070	1	· CONNECTOR, HYDRAULIC OIL		
9	R4122807	1	· CAP, ENGINE OIL		
10	R4065069	1	· CONNECTOR, ENGINE OIL		
11	R4122808	1	· CAP, WATER		
12	R4065071	1	· CONNECTOR, WATER		
13	R4161195	1	· LABEL, FUEL		
14	R4161196	1	· LABEL, HYDRAULIC OIL		
15	R4161197	1	· LABEL, ENGINE OIL		
16	R4161198	1	· LABEL, WATER		
17	R4103739	AR	· SEALANT, HYDRAULIC - LOCTITE #569-31		
18	R9402716	2	· ADAPTER, 2" MP X #32 MJ		
19	R4040558	3	· ADAPTER, 3/4" MP X #8 MJ		
20	R4018666	1	· ADAPTER, 1/2" MP X #8 MJ		
21	R4020757	1	· ELBOW, 1/2" MP X 90 deg. X #8 MJ		
22	R4002479	1	· ELBOW, #8 FJ X 90 deg. X #8 MJ - SWIVEL		
23	R4243928	1	· ADAPTER, #8 BSPP X #8 MJ		
24	R4243711	1	· ELBOW, #32 FJ X 45 deg. X #32 MJ		
25	R4239154	1	· HOSE KIT, CENTRAL SERVICE		8/4/17
	R4093111	1	· · HOSE ASSEMBLY, #8 X 264"		
	R4094068	1	· · HOSE ASSEMBLY, #8 X 154"		
	R4097528	1	· · HOSE ASSEMBLY, #8 X 430"		
	R4261748	1	· · HOSE ASSEMBLY, #32 X 44"		
			DRAWING, CENTRAL SERVICE GROUP (427272001)		8/4/17

**L-2350-2242 PARTS MANUAL
CENTRAL SERVICE GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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ELECTRIC HORN



TA16088

ELECTRIC HORN

**L-2350-2242 PARTS MANUAL
ELECTRIC HORN**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4279005		ELECTRIC HORN - 12-60 VDC, UNIVERSAL MOUNT		
			- THERE ARE NO SERVICE PARTS FOR ELECTRIC HORN R4279005		

**L-2350-2242 PARTS MANUAL
ELECTRIC HORN**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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**L-2350-2242 PARTS MANUAL
LINCS II SUPPORT GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4274466		LINCS II SUPPORT GROUP		
1	R4268600	6	· LINCS MAINTENANCE KEY ASSEMBLY		
2	R4268599	1	· USB FLASH DRIVE, HIGH SPEED - 8 GB		
3	R4270252	1	· INPUT SIMULATOR KIT, LINCS II		
4	R4266241	1	· · CABLE EXTENSION, 3 PIN 10M		
5	R4274453	1	· CABLE, 2 PIN 6M		

**L-2350-2242 PARTS MANUAL
LINCS II SUPPORT GROUP**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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**L-2350-2242 PARTS MANUAL
REAR VISION CAMERA SYSTEM KIT**

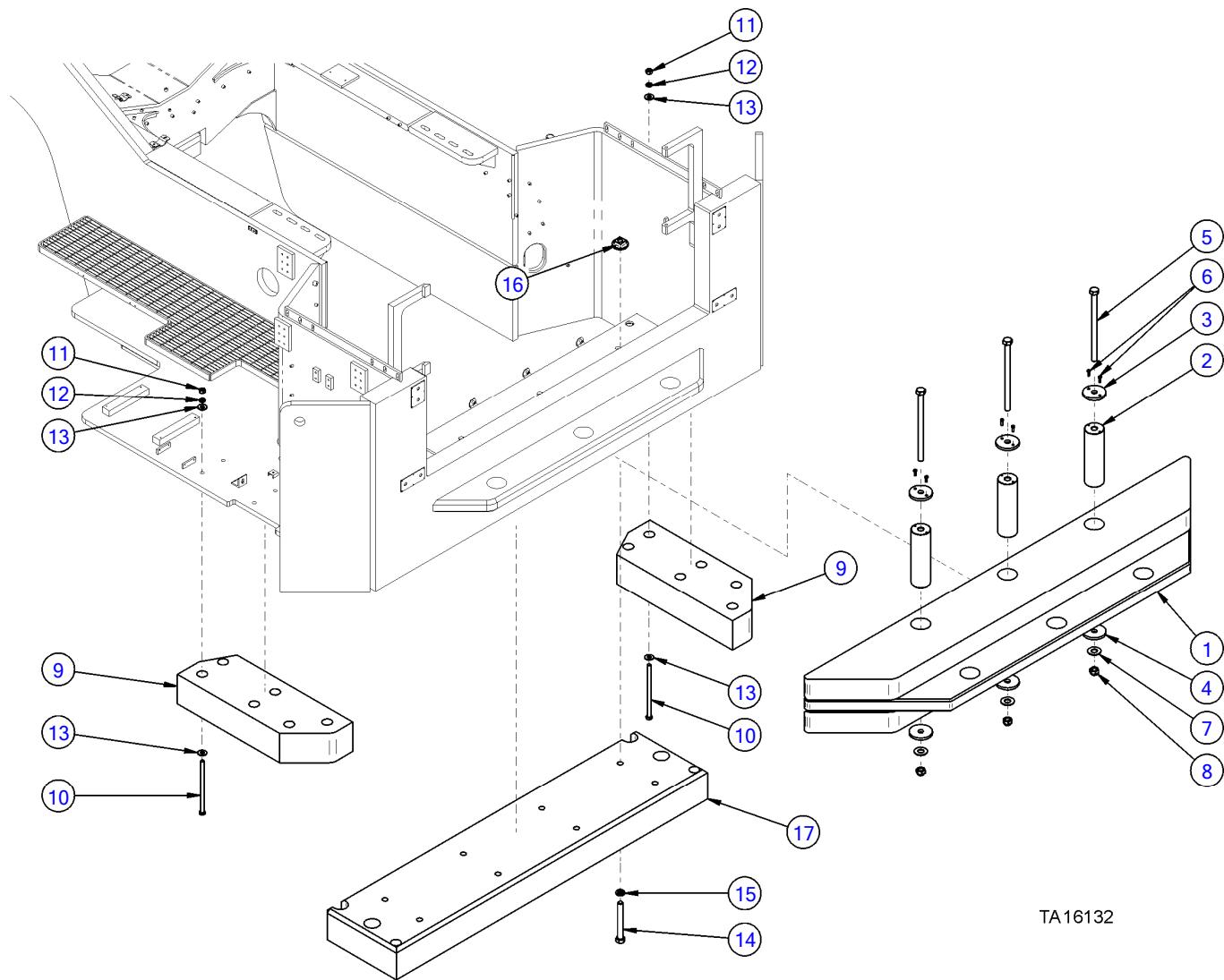
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4270328		REAR VISION CAMERA SYSTEM KIT		7/5/17
1	R4270327	1	· REAR VISION CAMERA SYSTEM		
2	R4243456	1	· · CAMERA, REAR VISION CAMERA SYSTEM		
3	R4270326	1	· · MONITOR, REAR VISION CAMERA SYSTEM		
4	R4250900	1	· · CABLE, 65', REAR VISION CAMERA SYSTEM		
5	R4265099	1	· · FUSE, 3A 32V		
6	R4270274	1	· MOUNT, CAMERA - REAR VISION CAMERA SYSTEM		
7	R4274681	1	· MOUNT, REAR VISION MONITOR		10/25/16
8	R4274622	1	· CONNECTOR ASSEMBLY, CABLE		7/5/17

**L-2350-2242 PARTS MANUAL
REAR VISION CAMERA SYSTEM KIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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COUNTERWEIGHT KIT



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COUNTERWEIGHT KIT

**L-2350-2242 PARTS MANUAL
COUNTERWEIGHT KIT**

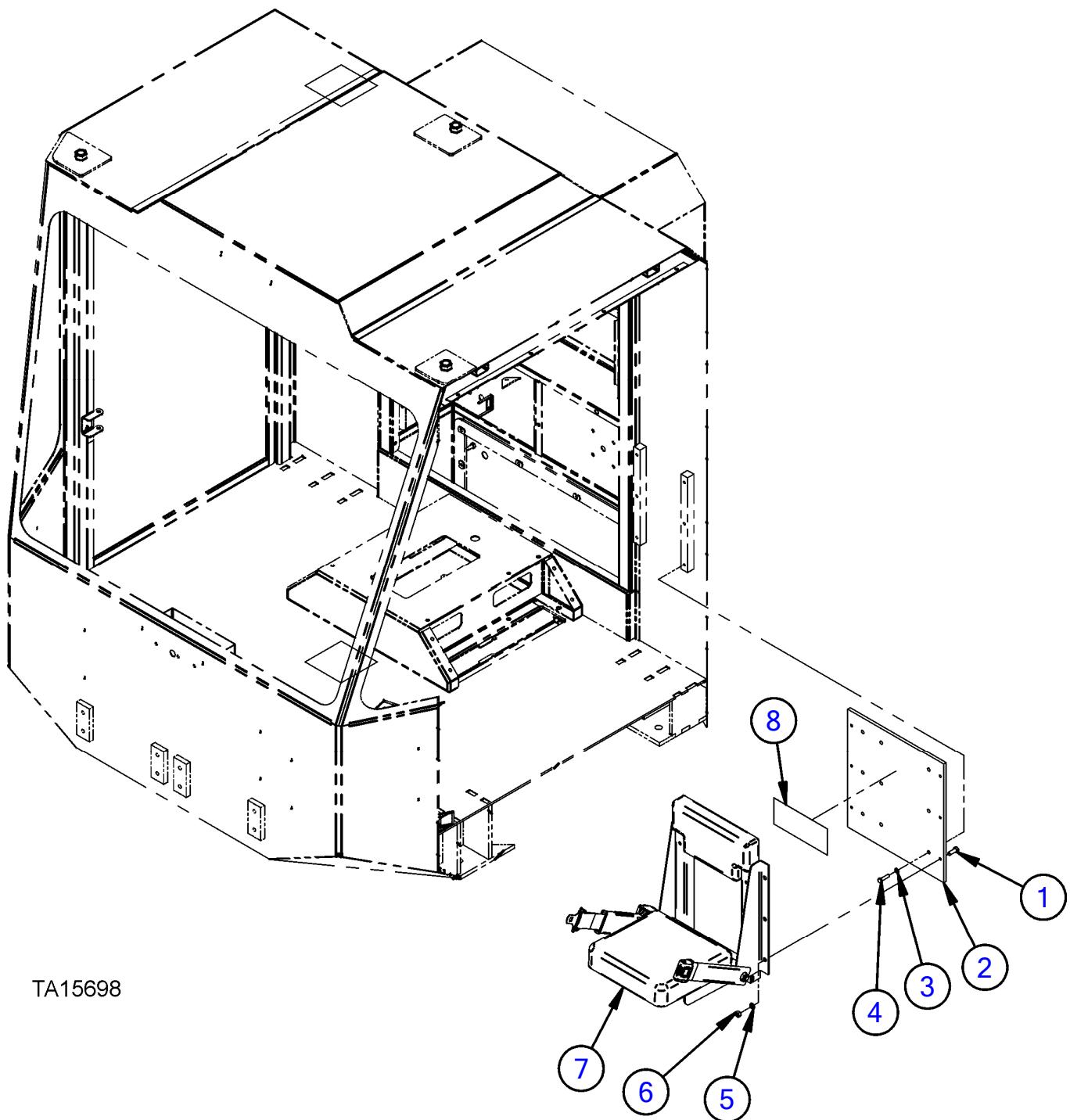
Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4287625		COUNTERWEIGHT KIT		
	R4272464	1	· COUNTERWEIGHT KIT, BUMPER		
1	R4272461	1	· · COUNTERWEIGHT, BUMPER - 13,000 LB		
2	R4273701	3	· · PIN, 5-7/16" X 18-1/8"		
3	R4273702	3	· · PLATE, CAPTURE - 6-1/2" X 3/4"		
4	R4273703	3	· · PLATE, CAPTURE		
5	R4168238	3	· · BOLT, 1-1/2"-6 X 23"		
6	R4009753	6	· · BOLT, 1/2"-13 X 1-1/2"		
7	R0720028	8	· · FLATWASHER, 1-1/2"		
8	R4016021	8	· · LOCKNUT, 1-1/2"-6 - NYLON		
	R4287624	1	· COUNTERWEIGHT KIT, SIDE		
9	R4246241	2	· · COUNTERWEIGHT, SIDE - 2,400 LB - 50-1/4" X 18-3/16" X 10"		
10	R4287623	12	· · BOLT, 1"-8 X 10-1/2"		
11	R0271988	12	· · NUT, 1"-8		
12	R4125632	12	· · LOCKWASHER, 1"		
13	R4286559	24	· · FLATWASHER, 1-1/16" I.D. X 2-1/2" O.D. X 1/4"		
	R4246036	REF	COUNTERWEIGHT KIT, UNDER RADIATOR	1	
14	R4287638	REF	· BOLT, 1-1/2"-6 X 11-1/4"	8	
15	R4069432	REF	· FLATWASHER, 1-5/8" I.D. X 3" O.D. X 1/8"	8	
16	R4287639	REF	· NUT, FLANGED - 1-1/2"-6	8	
17	R4246005	REF	· COUNTERWEIGHT, UNDER RADIATOR - 9,500 LB	1	
			DRAWING, COUNTERWEIGHT KIT (R428762500)		

**L-2350-2242 PARTS MANUAL
COUNTERWEIGHT KIT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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TRAINING SEAT



TRAINING SEAT

**L-2350-2242 PARTS MANUAL
TRAINING SEAT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
	R4268395	1	TRAINING SEAT ASSEMBLY AND MOUNT		12/3/12
1	N.P.N.		· BOLT		
2	R4270220	1	· MOUNT, TRAINING SEAT		
3	R0824753	6	· BOLT, 5/16"-18 X 1-1/4"		
4	R0264174	6	· LOCKWASHER, 5/16"		
5	R0753123	6	· LOCKWASHER, 3/8"		
6	R0812921	6	· NUT, 3/8"-16		
7	R4260989	1	· SEAT, TRAINING		
	R4259305	1	· · BACK ASSEMBLY, SEAT		12/3/12
	R4259306	1	· · CUSHION ASSEMBLY, SEAT		12/3/12
	R4259307	1	· · SPRING BRACKET, SEAT		12/3/12
	R4259308	1	· · SEAT BELT, 2" RETRACTABLE		12/3/12
	R4259309	1	· · TORSION SPRING, SEAT		12/3/12
8	R4264114	1	· LABEL, WARNING - TRAINING SEAT		
	REF		DRAWING, TRAINING SEAT ASSEMBLY (R426839500)		12/3/12

**L-2350-2242 PARTS MANUAL
TRAINING SEAT**

Item No.	Part Number	Qty.	Part Name	Sugg. Qty.	Rev Date
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